

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088399.D
 Acq On : 02 Dec 2025 11:01
 Operator : JC\MD
 Sample : VN1202WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS01

Quant Time: Dec 03 01:24:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/03/2025
 Supervised By : Mahesh Dadoda 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	249521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	476954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	443188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	223818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	267394	56.887	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.780%			
35) Dibromofluoromethane	8.147	113	172407	52.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.541	98	621401	50.528	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.060%			
62) 4-Bromofluorobenzene	12.823	95	222316	52.685	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	66617	17.775	ug/l	98
3) Chloromethane	2.383	50	72554	18.025	ug/l	92
4) Vinyl Chloride	2.536	62	69095	16.873	ug/l	95
5) Bromomethane	2.989	94	37327	18.939	ug/l	98
6) Chloroethane	3.148	64	44893	17.715	ug/l	97
7) Trichlorofluoromethane	3.518	101	105056	18.254	ug/l	95
8) Diethyl Ether	3.965	74	38839	17.979	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	53150	17.347	ug/l	99
10) Methyl Iodide	4.589	142	47951	15.809	ug/l #	95
11) Tert butyl alcohol	5.506	59	60542	80.673	ug/l	97
12) 1,1-Dichloroethene	4.342	96	50727	16.663	ug/l	98
13) Acrolein	4.177	56	71235	99.147	ug/l	97
14) Allyl chloride	5.018	41	92383	16.373	ug/l	94
15) Acrylonitrile	5.706	53	194136	89.661	ug/l	98
16) Acetone	4.424	43	136326	80.195	ug/l	92
17) Carbon Disulfide	4.718	76	174962	17.588	ug/l	98
18) Methyl Acetate	5.018	43	90957	17.975	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	205398	18.009	ug/l	97
20) Methylene Chloride	5.265	84	64778	17.811	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	61858	18.343	ug/l	94
22) Diisopropyl ether	6.653	45	226209	18.778	ug/l	94
23) Vinyl Acetate	6.588	43	893080m	92.019	ug/l	
24) 1,1-Dichloroethane	6.559	63	127041	18.623	ug/l	98
25) 2-Butanone	7.471	43	237085	86.754	ug/l	94
26) 2,2-Dichloropropane	7.471	77	107872	18.320	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	70334	17.946	ug/l	99
28) Bromochloromethane	7.794	49	68553	20.173	ug/l	98
29) Tetrahydrofuran	7.824	42	174173	88.855	ug/l	98
30) Chloroform	7.947	83	125776	18.764	ug/l	91
31) Cyclohexane	8.235	56	106208	17.180	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	108444	18.400	ug/l	95
36) 1,1-Dichloropropene	8.353	75	85539	16.769	ug/l	99
37) Ethyl Acetate	7.547	43	114390	17.054	ug/l	98
38) Carbon Tetrachloride	8.341	117	87430	17.217	ug/l	96
39) Methylcyclohexane	9.582	83	85459	15.662	ug/l	94
40) Benzene	8.588	78	256881	17.158	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	58287	17.545	ug/l	99
42) 1,2-Dichloroethane	8.653	62	106032	18.563	ug/l	99
43) Isopropyl Acetate	8.671	43	175494	17.125	ug/l	99
44) Trichloroethene	9.329	130	57803	16.340	ug/l	99
45) 1,2-Dichloropropane	9.600	63	69287	18.063	ug/l	94
46) Dibromomethane	9.688	93	48305	17.646	ug/l	99
47) Bromodichloromethane	9.865	83	101787	18.223	ug/l #	96
48) Methyl methacrylate	9.659	41	79234	16.945	ug/l	98
49) 1,4-Dioxane	9.677	88	19512	328.131	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	536043	88.742	ug/l	99
52) Toluene	10.606	92	153543	17.761	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	99638	17.379	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	105427	17.486	ug/l	94
55) 1,1,2-Trichloroethane	10.994	97	59615	17.823	ug/l	97
56) Ethyl methacrylate	10.853	69	91838	17.382	ug/l	99
57) 1,3-Dichloropropane	11.141	76	105061	17.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.135	63	270479	88.800	ug/l	100
59) 2-Hexanone	11.176	43	324719	85.335	ug/l	98
60) Dibromochloromethane	11.335	129	67678	17.749	ug/l	97
61) 1,2-Dibromoethane	11.441	107	60254	17.790	ug/l	98
64) Tetrachloroethene	11.082	164	50520	14.379	ug/l	98
65) Chlorobenzene	11.865	112	165870	16.662	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.935	131	56793	16.915	ug/l	97
67) Ethyl Benzene	11.941	91	281088	16.155	ug/l	97
68) m/p-Xylenes	12.047	106	210231	32.589	ug/l	98
69) o-Xylene	12.370	106	99883	16.241	ug/l	96
70) Styrene	12.388	104	165693	16.592	ug/l	100
71) Bromoform	12.553	173	41450	16.855	ug/l #	100
73) Isopropylbenzene	12.670	105	251706	15.210	ug/l	99
74) N-amyl acetate	12.688	43	100954m	17.913	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	85336	15.951	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	87256m	16.645	ug/l	
77) Bromobenzene	12.953	156	63394	16.742	ug/l	95
78) n-propylbenzene	13.012	91	320982	15.855	ug/l	98
79) 2-Chlorotoluene	13.100	91	191692	15.505	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	216171	15.764	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	27798	15.044	ug/l #	97
82) 4-Chlorotoluene	13.200	91	199053	16.210	ug/l	99
83) tert-Butylbenzene	13.412	119	176077	15.105	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	220020	16.142	ug/l	98
85) sec-Butylbenzene	13.588	105	256840	15.337	ug/l	100
86) p-Isopropyltoluene	13.706	119	209816	15.279	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	114987	15.600	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	117375	15.202	ug/l	97
89) n-Butylbenzene	14.029	91	197126	14.784	ug/l	99
90) Hexachloroethane	14.306	117	37541	14.965	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	109119	15.732	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	21121	16.272	ug/l	92
93) 1,2,4-Trichlorobenzene	15.370	180	62741	15.224	ug/l	100
94) Hexachlorobutadiene	15.470	225	22210	14.997	ug/l	95
95) Naphthalene	15.611	128	205075	14.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	61044	15.220	ug/l	97

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ClientSampleId :
VN1202WBS01

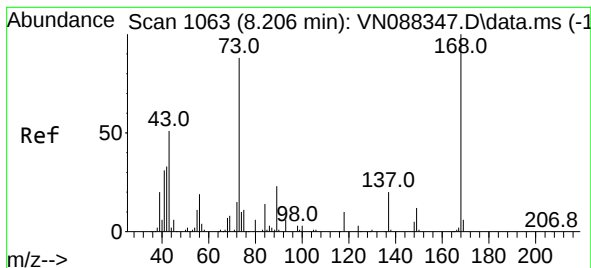
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/03/2025

Quant Time: Dec 03 01:24:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

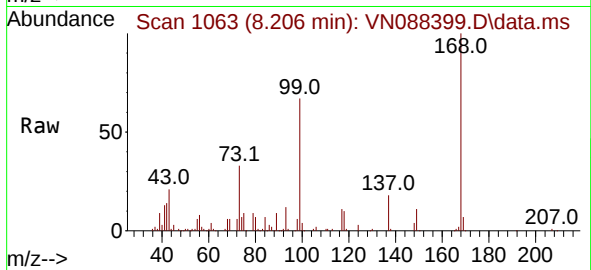
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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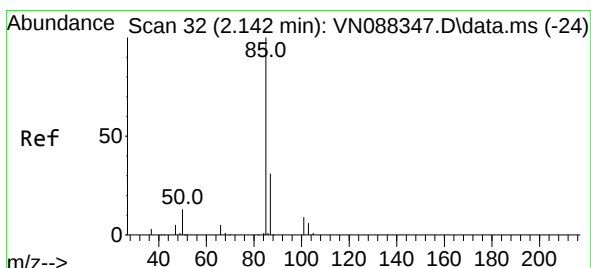
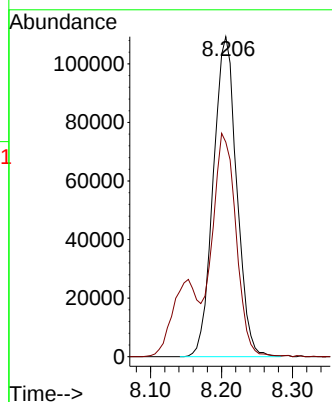
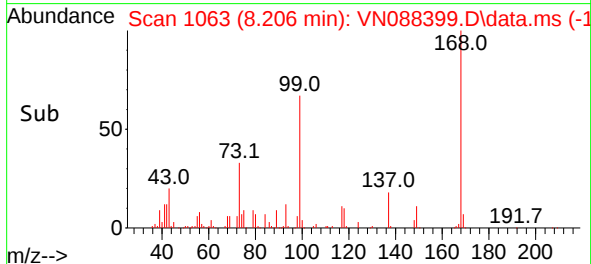
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion:168 Resp: 24952
Ion Ratio Lower Upper
168 100
99 66.7 57.1 85.7

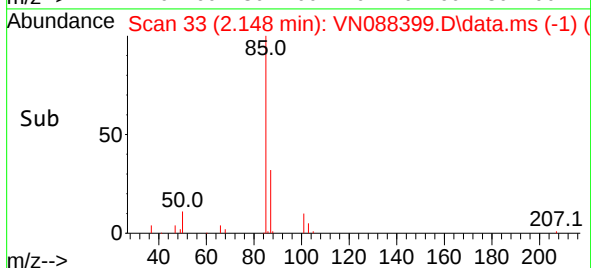
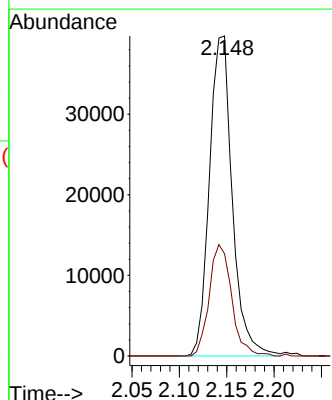
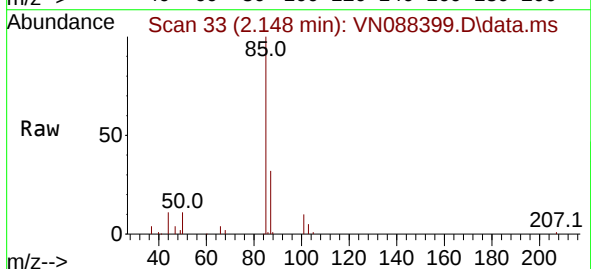
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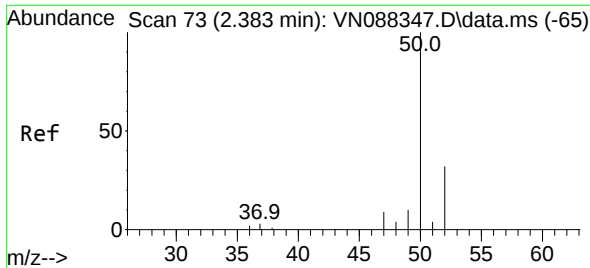
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#2
Dichlorodifluoromethane
Concen: 17.775 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion: 85 Resp: 66617
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.7





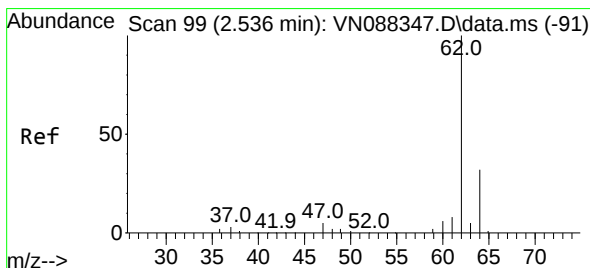
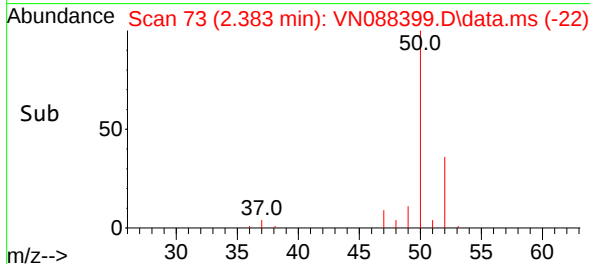
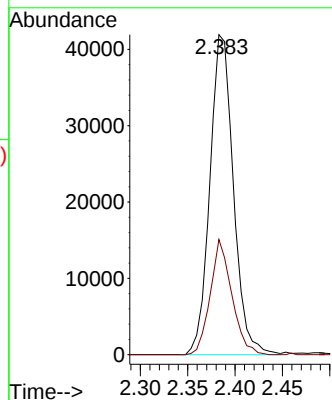
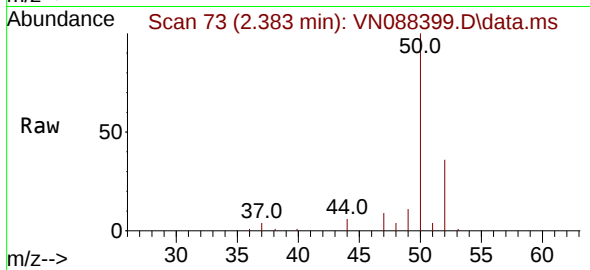
#3
Chloromethane
Concen: 18.025 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

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VN1202WBS01

Tgt Ion: 50 Resp: 72554
Ion Ratio Lower Upper
50 100
52 36.0 25.2 37.8

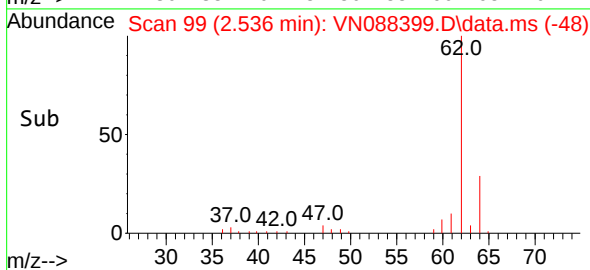
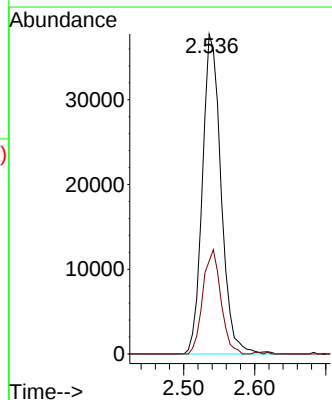
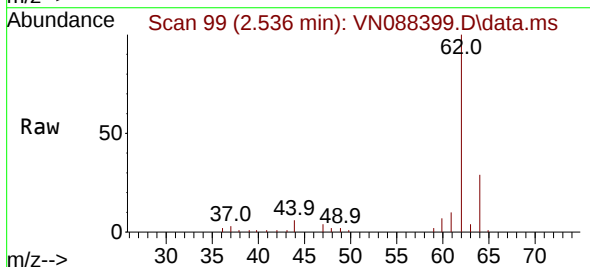
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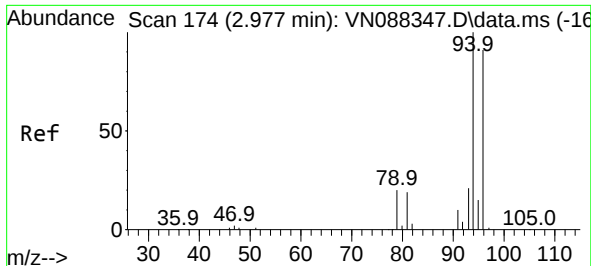
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#4
Vinyl Chloride
Concen: 16.873 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

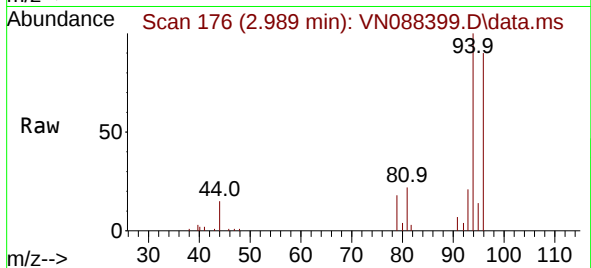
Tgt Ion: 62 Resp: 69095
Ion Ratio Lower Upper
62 100
64 29.0 25.4 38.2





#5
Bromomethane
Concen: 18.939 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

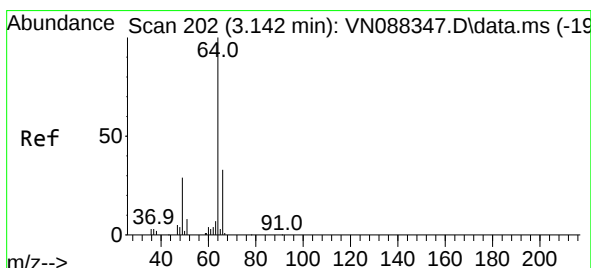
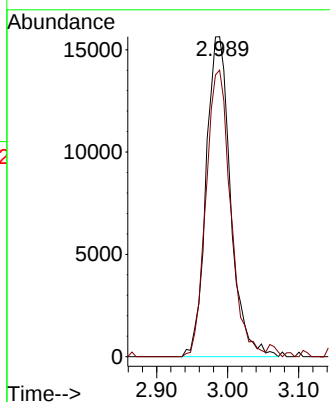
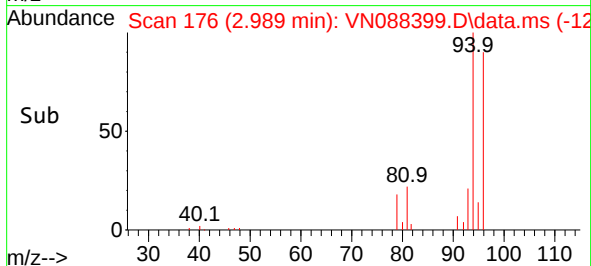
Instrument :
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Tgt Ion: 94 Resp: 3732
Ion Ratio Lower Upper
94 100
96 89.5 73.2 109.8

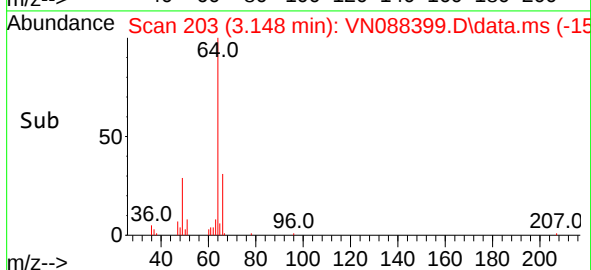
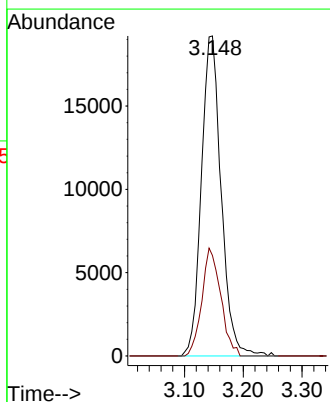
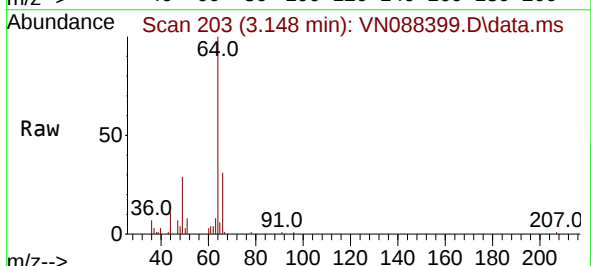
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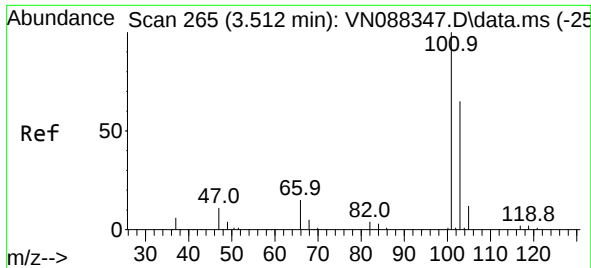
Reviewed By :John Carlone 12/03/2025
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#6
Chloroethane
Concen: 17.715 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088399.D
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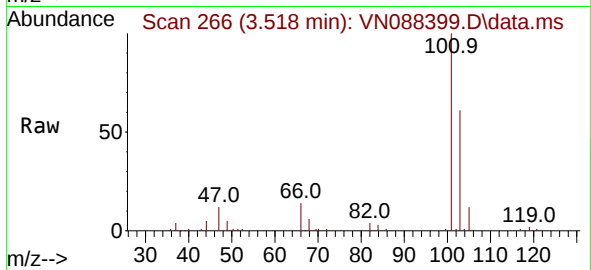
Tgt Ion: 64 Resp: 44893
Ion Ratio Lower Upper
64 100
66 31.4 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 18.254 ug/l
 RT: 3.518 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN088399.D
 Acq: 02 Dec 2025 11:01

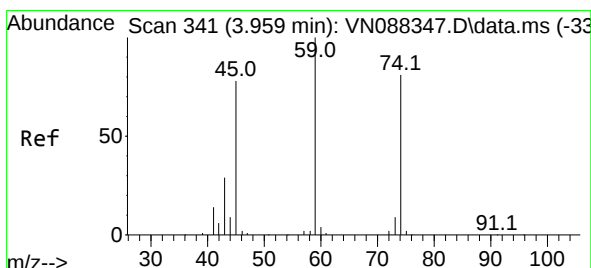
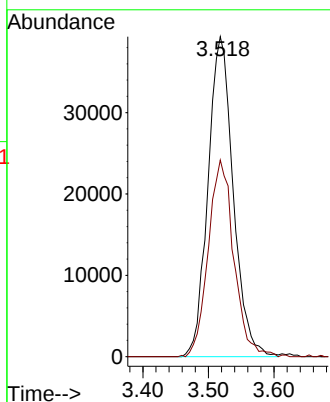
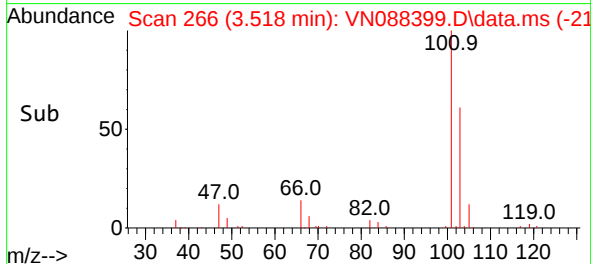
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS01



Tgt Ion:101 Resp: 10505
 Ion Ratio Lower Upper
 101 100
 103 61.4 52.3 78.5

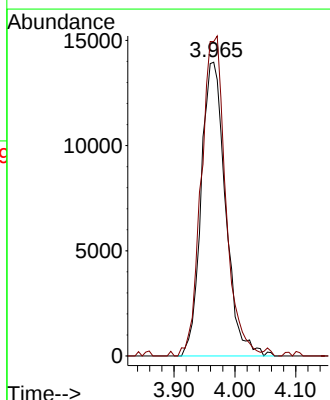
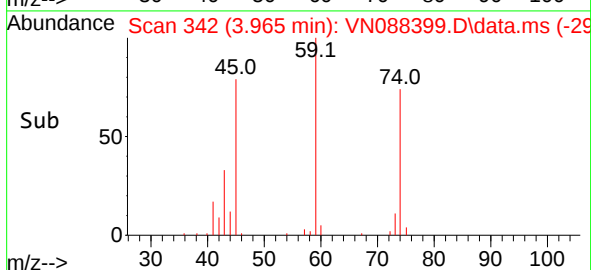
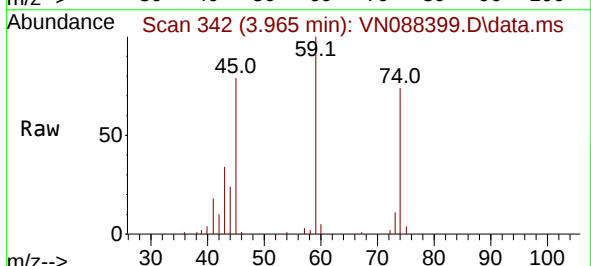
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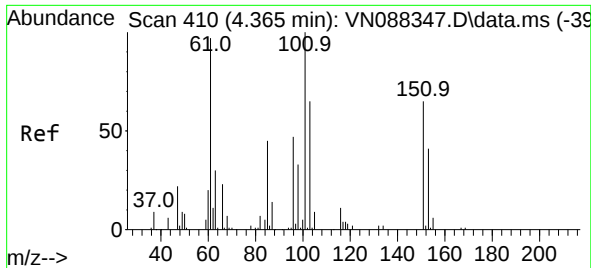
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#8
 Diethyl Ether
 Concen: 17.979 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088399.D
 Acq: 02 Dec 2025 11:01

Tgt Ion: 74 Resp: 38839
 Ion Ratio Lower Upper
 74 100
 45 108.9 54.2 162.6





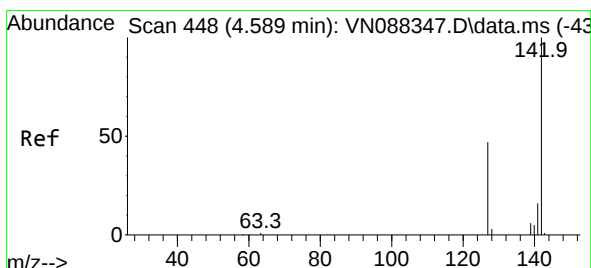
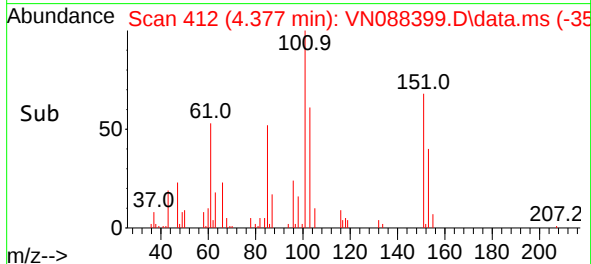
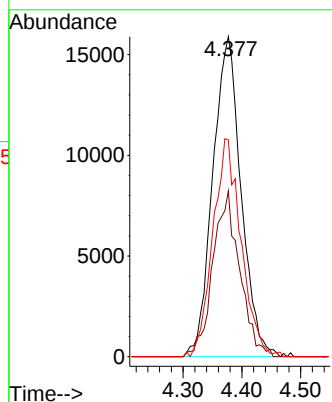
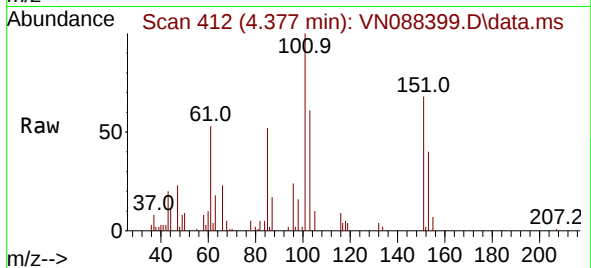
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.347 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

Tgt Ion:101 Resp: 53150
Ion Ratio Lower Upper
101 100
85 48.8 39.2 58.8
151 68.0 53.6 80.4

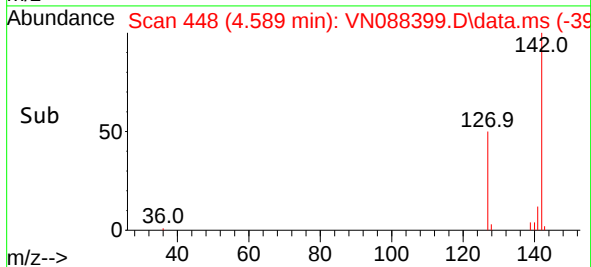
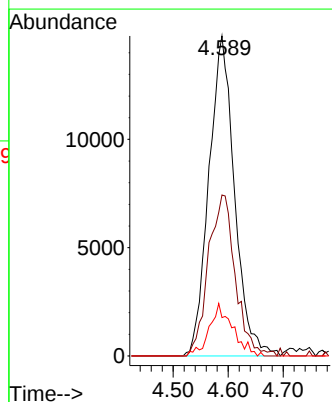
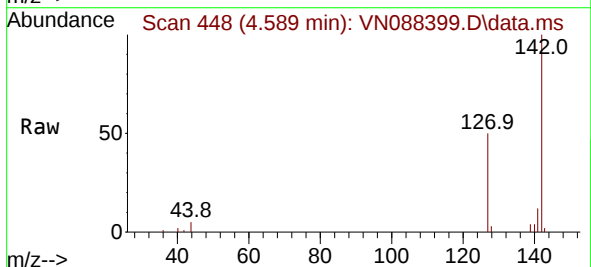
Manual Integrations
APPROVED

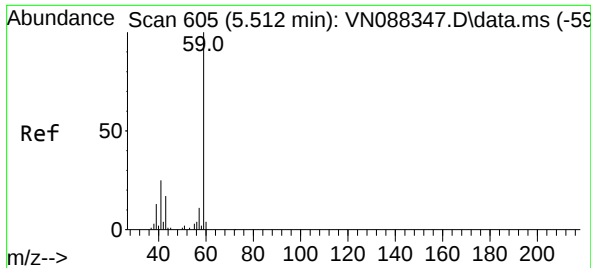
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#10
Methyl Iodide
Concen: 15.809 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

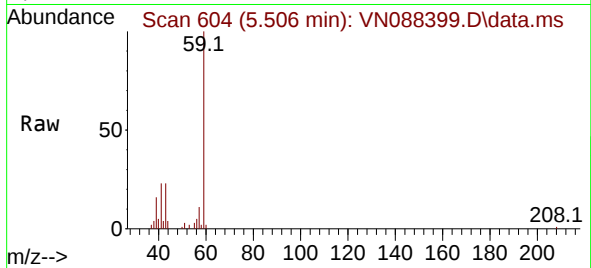
Tgt Ion:142 Resp: 47951
Ion Ratio Lower Upper
142 100
127 50.3 37.9 56.9
141 12.0 12.4 18.6#





#11
Tert butyl alcohol
Concen: 80.673 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

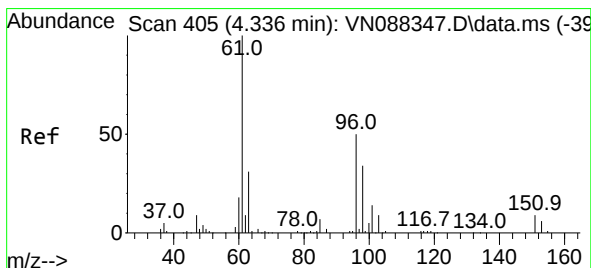
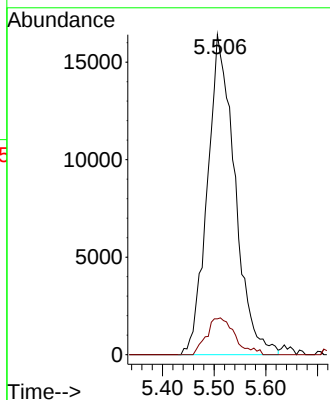
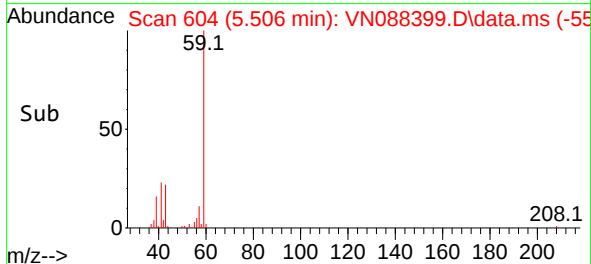
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



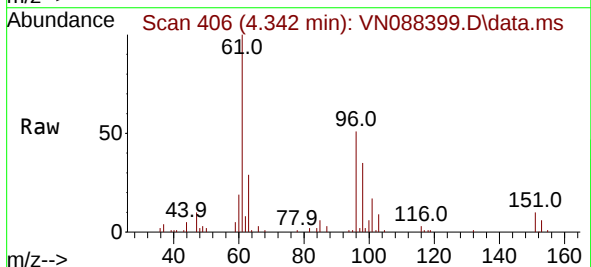
Tgt Ion: 59 Resp: 6054
Ion Ratio Lower Upper
59 100
57 11.8 8.5 12.7

Manual Integrations
APPROVED

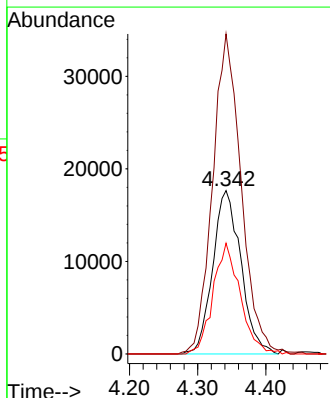
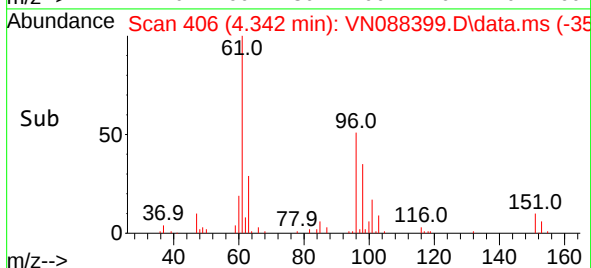
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

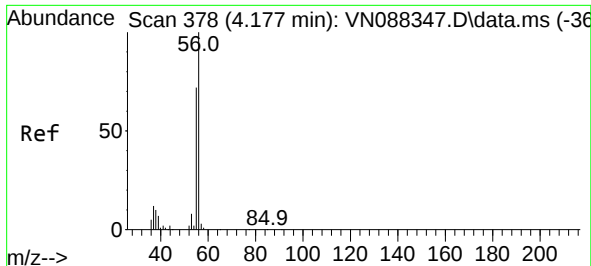


#12
1,1-Dichloroethene
Concen: 16.663 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01



Tgt Ion: 96 Resp: 50727
Ion Ratio Lower Upper
96 100
61 195.8 159.1 238.7
98 67.7 53.7 80.5





#13

Acrolein

Concen: 99.147 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

Tgt Ion: 56 Resp: 7123

Ion Ratio Lower Upper

56 100

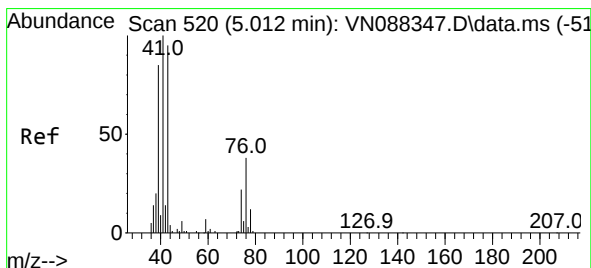
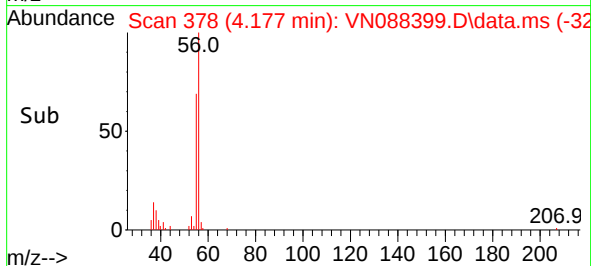
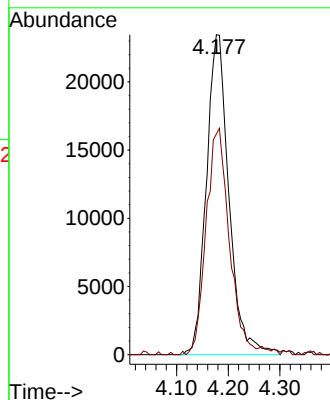
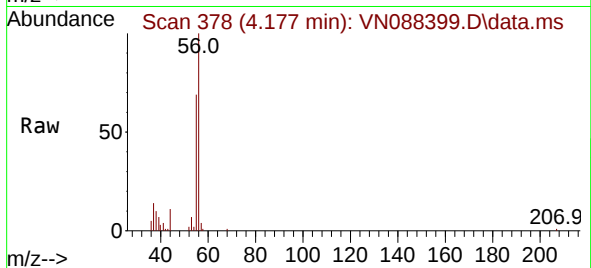
55 72.5 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#14

Allyl chloride

Concen: 16.373 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

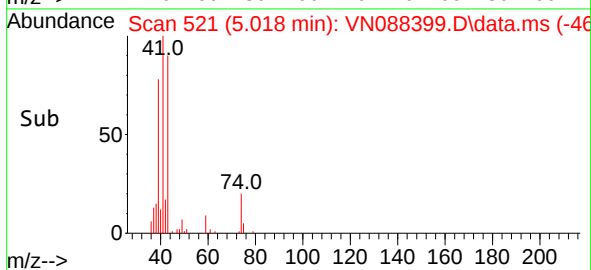
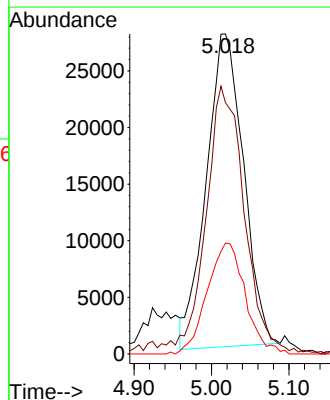
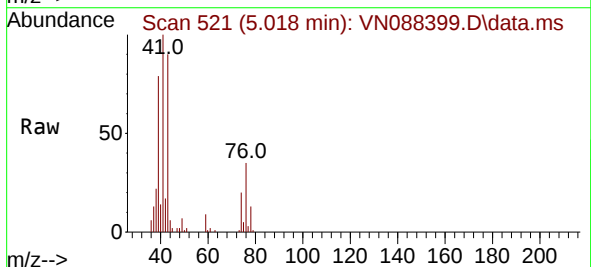
Tgt Ion: 41 Resp: 92383

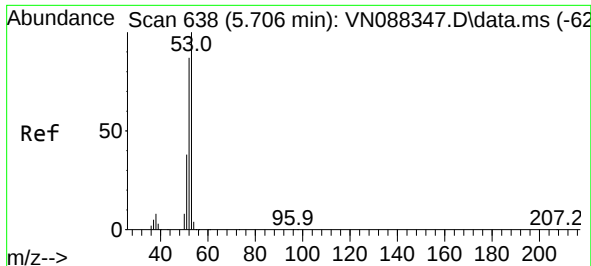
Ion Ratio Lower Upper

41 100

39 88.5 64.7 97.1

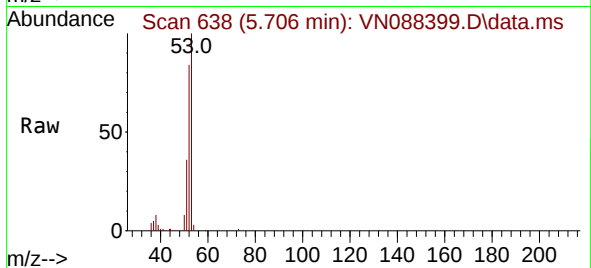
76 36.2 29.1 43.7





#15
Acrylonitrile
Concen: 89.661 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

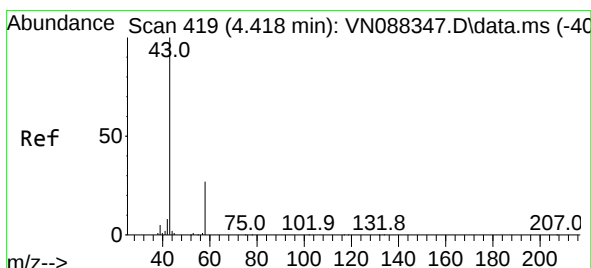
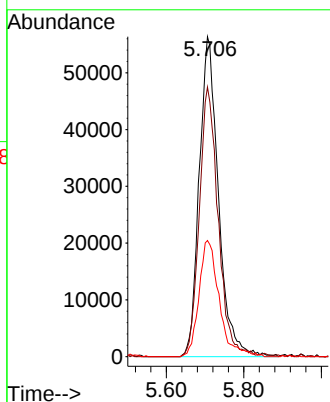
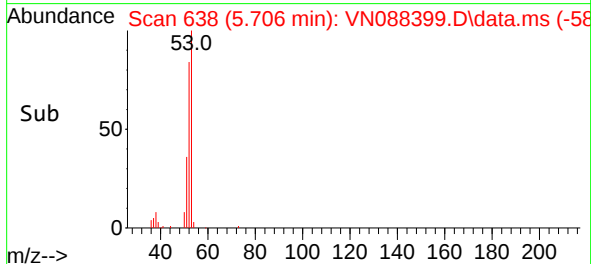
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 53 Resp: 194130
Ion Ratio Lower Upper
53 100
52 82.4 67.8 101.6
51 38.3 29.8 44.8

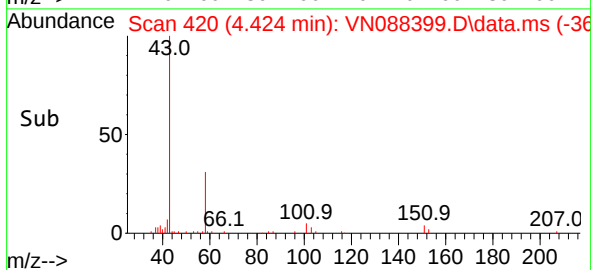
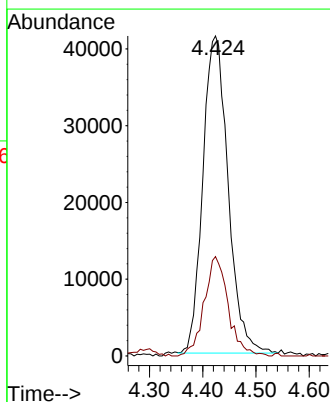
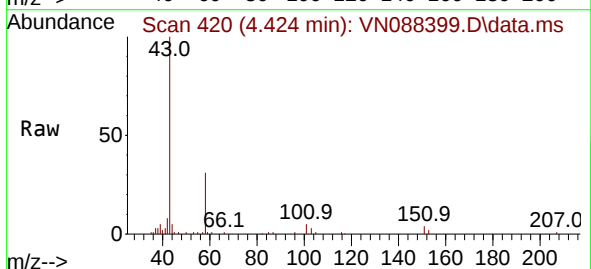
Manual Integrations
APPROVED

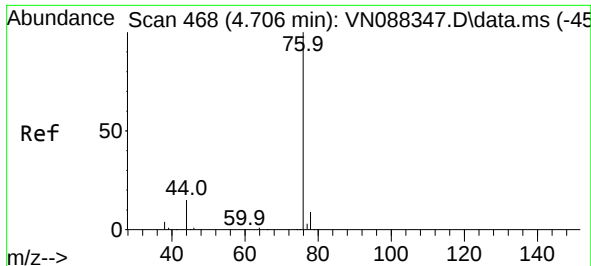
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#16
Acetone
Concen: 80.195 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion: 43 Resp: 136326
Ion Ratio Lower Upper
43 100
58 31.3 21.7 32.5





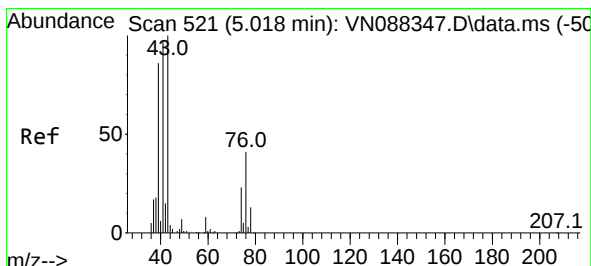
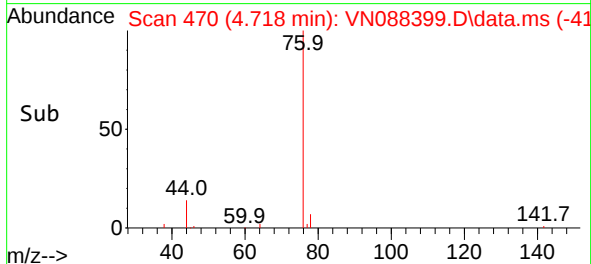
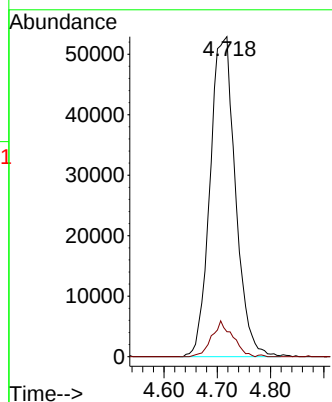
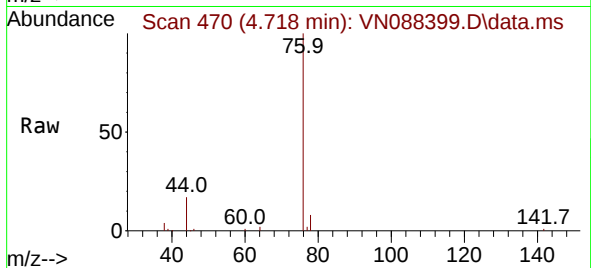
#17
Carbon Disulfide
Concen: 17.588 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

Tgt Ion: 76 Resp: 174962
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.4

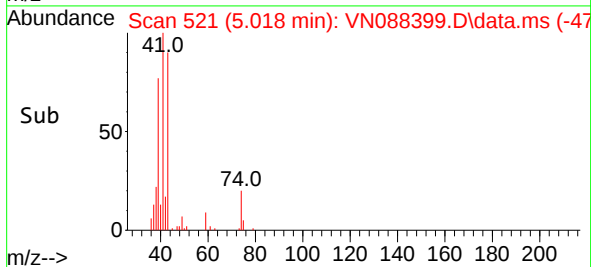
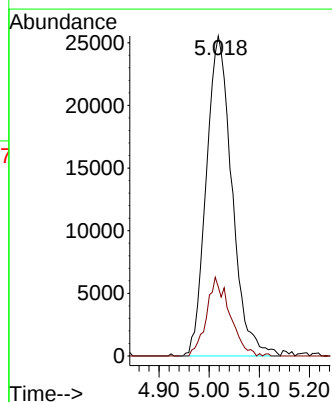
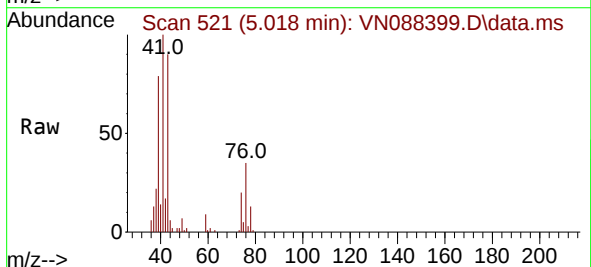
Manual Integrations
APPROVED

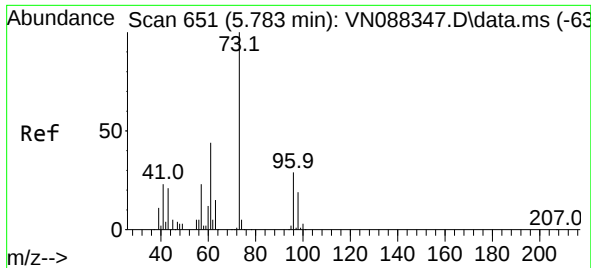
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#18
Methyl Acetate
Concen: 17.975 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion: 43 Resp: 90957
Ion Ratio Lower Upper
43 100
74 22.3 17.9 26.9





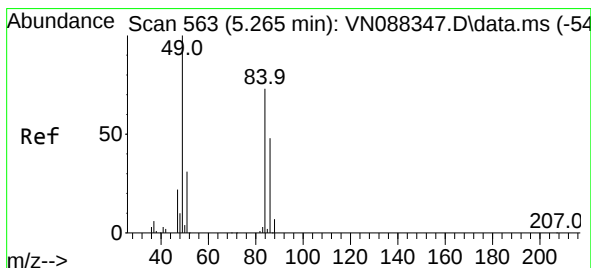
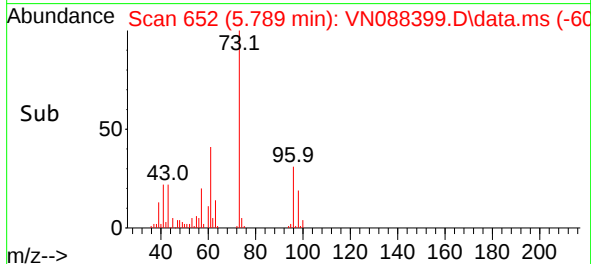
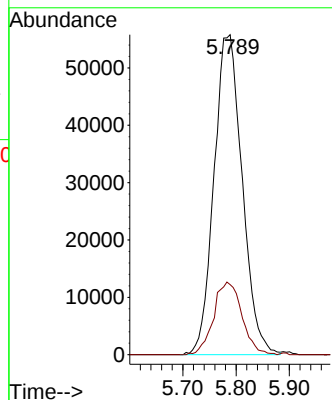
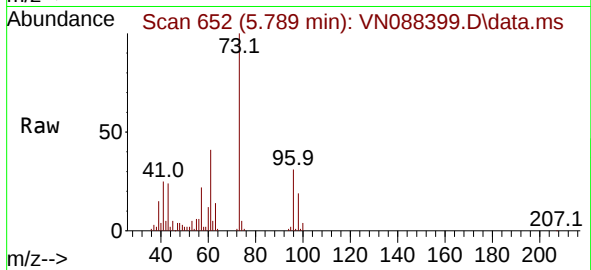
#19
Methyl tert-butyl Ether
Concen: 18.009 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

Tgt Ion: 73 Resp: 205398
Ion Ratio Lower Upper
73 100
57 21.9 18.6 28.0

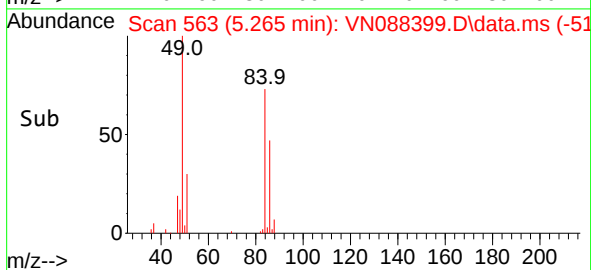
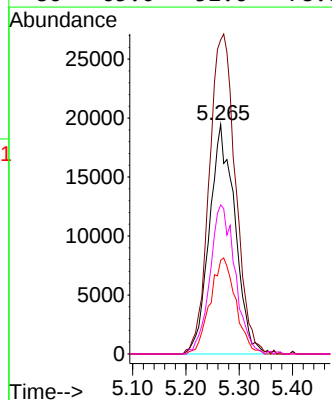
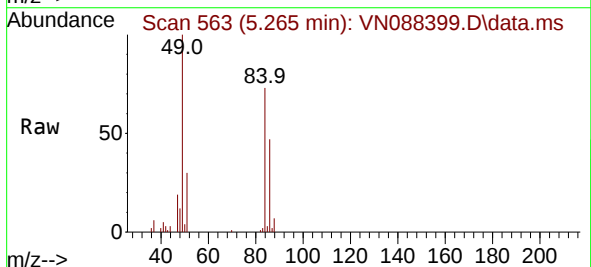
Manual Integrations
APPROVED

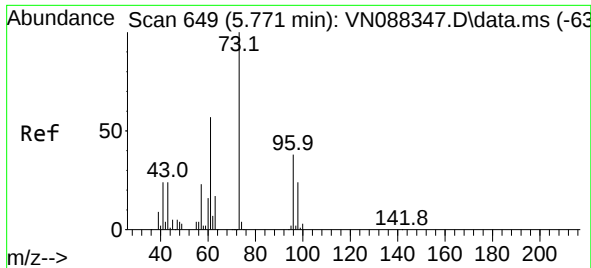
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#20
Methylene Chloride
Concen: 17.811 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion: 84 Resp: 64778
Ion Ratio Lower Upper
84 100
49 136.9 110.2 165.2
51 40.8 34.1 51.1
86 65.0 52.6 78.8





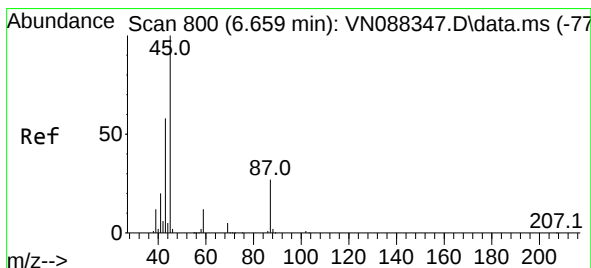
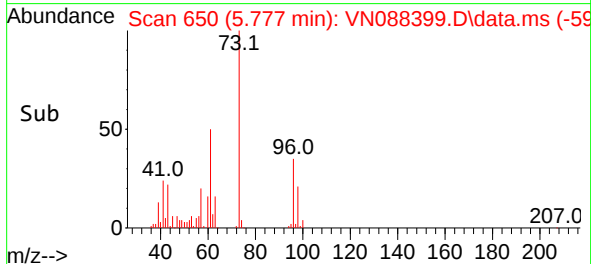
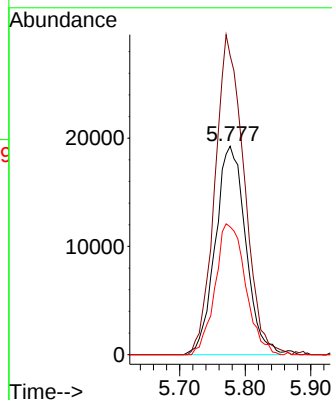
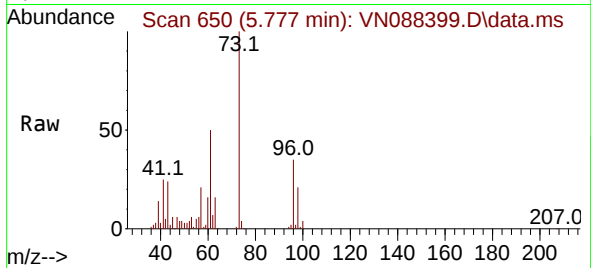
#21
trans-1,2-Dichloroethene
Concen: 18.343 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

Tgt Ion: 96 Resp: 6185
Ion Ratio Lower Upper
96 100
61 143.5 122.4 183.6
98 61.3 50.9 76.3

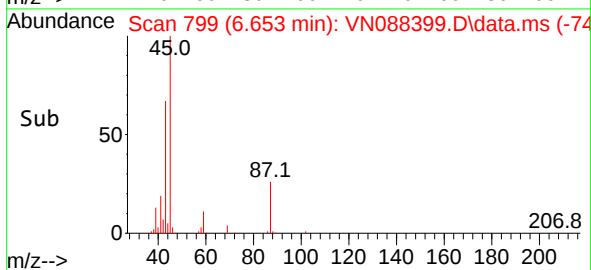
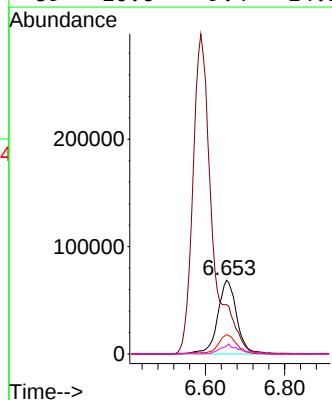
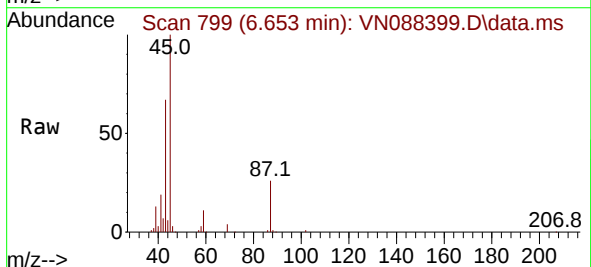
Manual Integrations
APPROVED

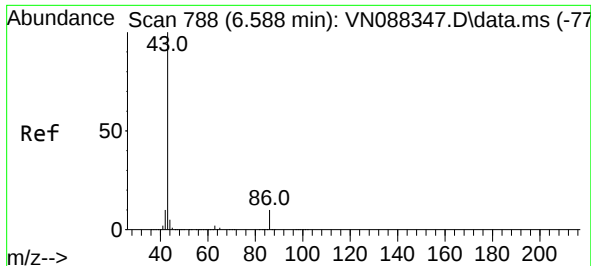
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#22
Diisopropyl ether
Concen: 18.778 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

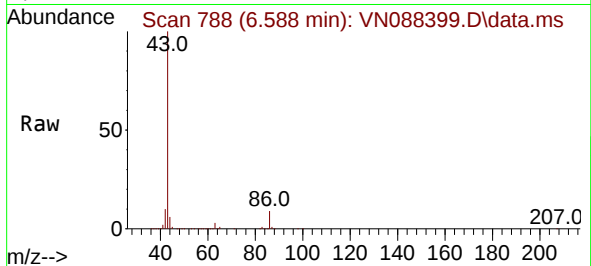
Tgt Ion: 45 Resp: 226209
Ion Ratio Lower Upper
45 100
43 65.8 47.4 71.2
87 26.2 21.9 32.9
59 10.6 9.4 14.2





#23
 Vinyl Acetate
 Concen: 92.019 ug/l m
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088399.D
 Acq: 02 Dec 2025 11:01

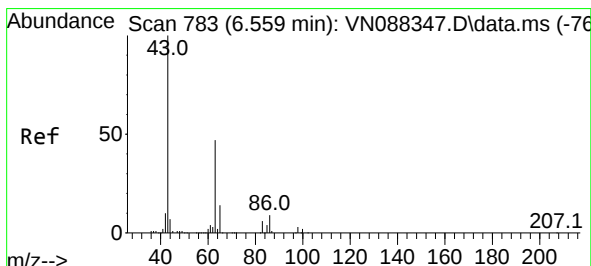
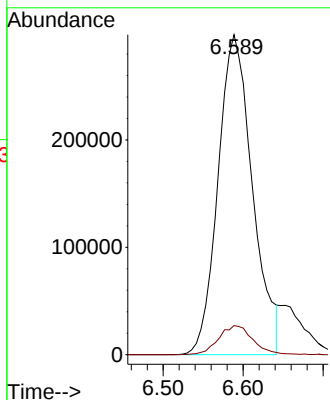
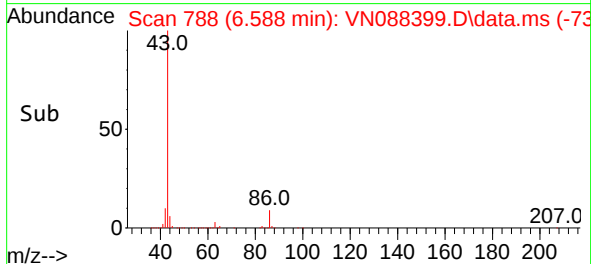
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS01



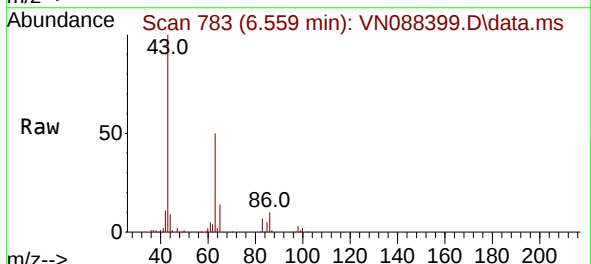
Tgt Ion: 43 Resp: 893080
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.8 11.8

Manual Integrations
 APPROVED

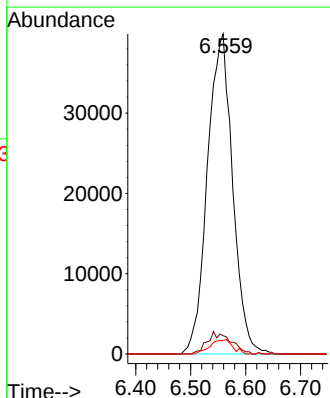
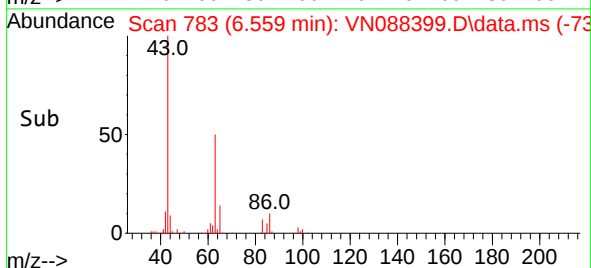
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025

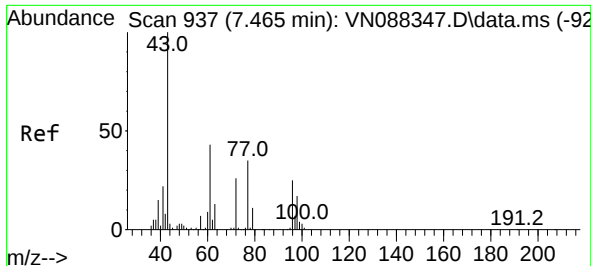


#24
 1,1-Dichloroethane
 Concen: 18.623 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN088399.D
 Acq: 02 Dec 2025 11:01



Tgt Ion: 63 Resp: 127041
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.4 10.2
 100 4.2 1.9 5.7





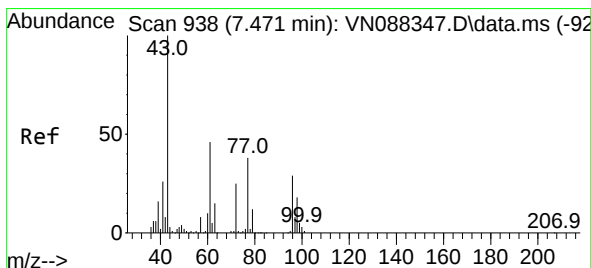
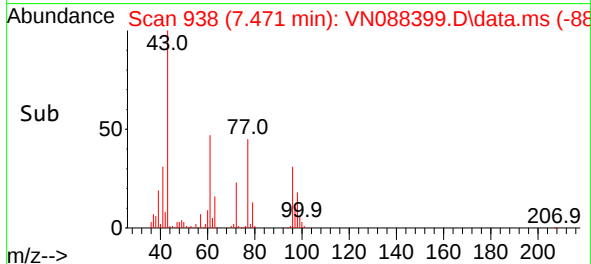
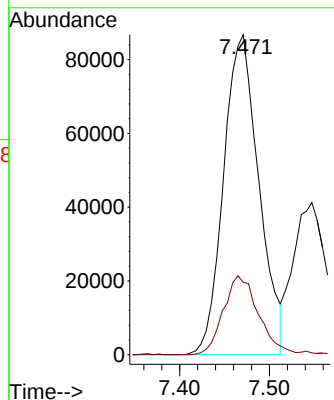
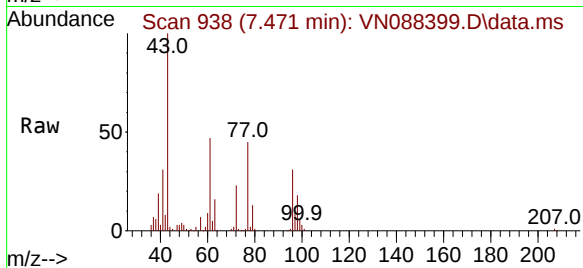
#25
2-Butanone
Concen: 86.754 ug/l
RT: 7.471 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

Tgt Ion: 43 Resp: 237085
Ion Ratio Lower Upper
43 100
72 22.6 20.5 30.7

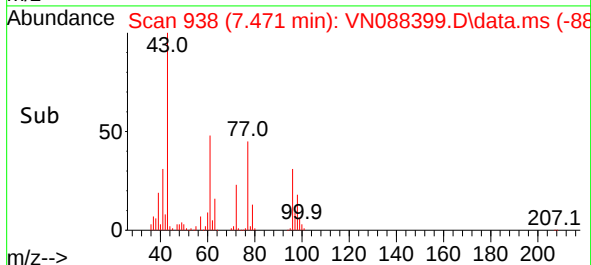
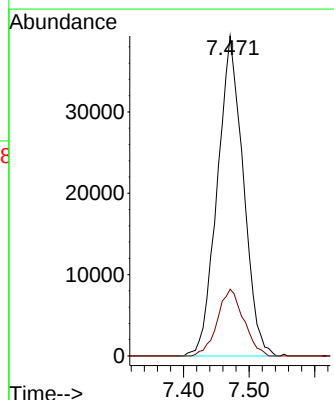
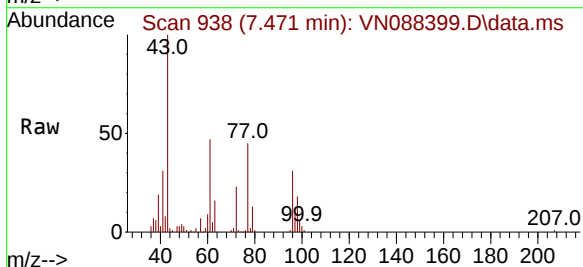
Manual Integrations
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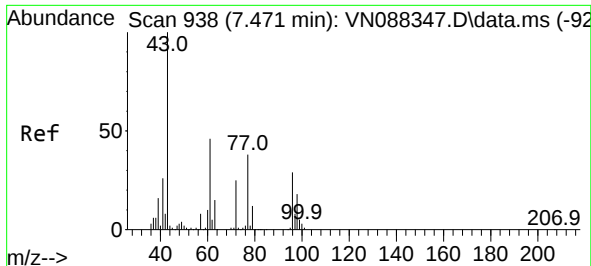
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#26
2,2-Dichloropropane
Concen: 18.320 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

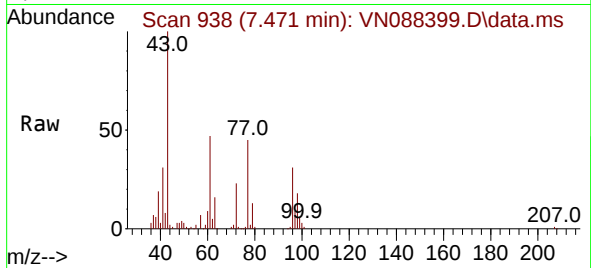
Tgt Ion: 77 Resp: 107872
Ion Ratio Lower Upper
77 100
97 21.2 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 17.946 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088399.D
 Acq: 02 Dec 2025 11:01

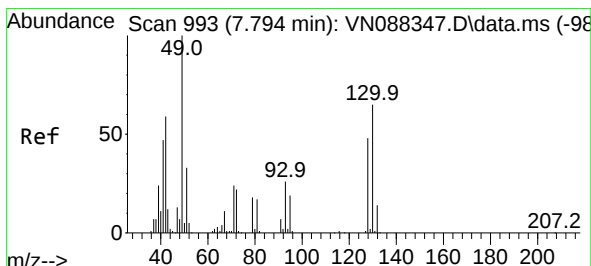
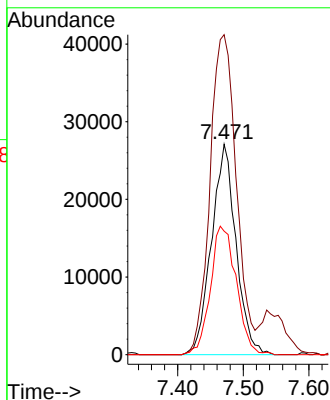
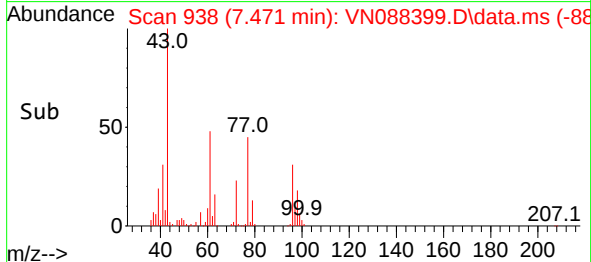
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS01



Tgt Ion: 96 Resp: 70334
 Ion Ratio Lower Upper
 96 100
 61 163.4 0.0 323.6
 98 64.5 0.0 127.2

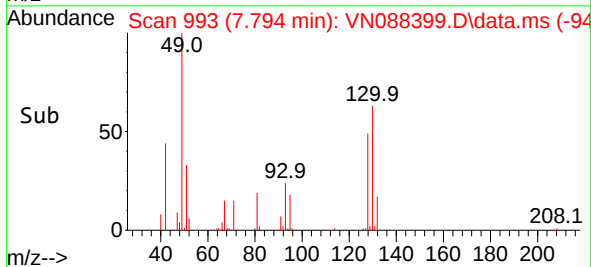
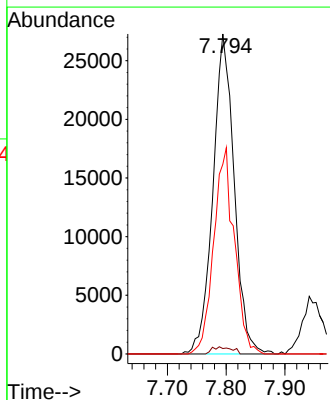
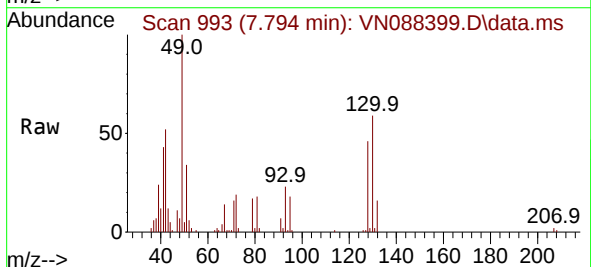
Manual Integrations
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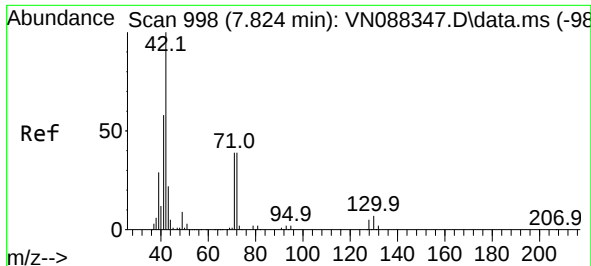
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#28
 Bromochloromethane
 Concen: 20.173 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088399.D
 Acq: 02 Dec 2025 11:01

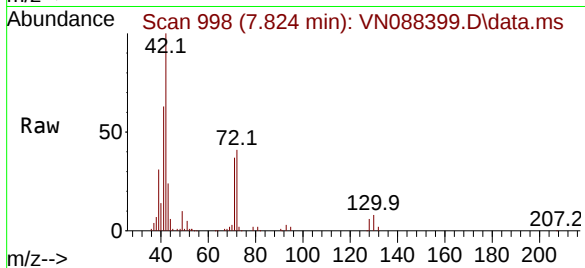
Tgt Ion: 49 Resp: 68553
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 62.6 51.1 76.7





#29
Tetrahydrofuran
Concen: 88.855 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

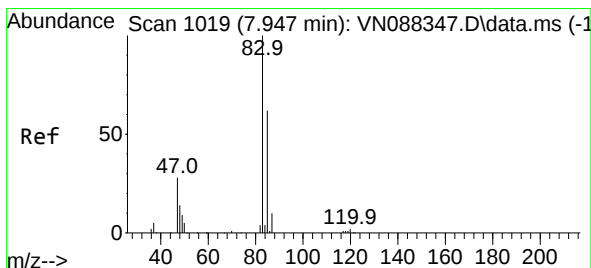
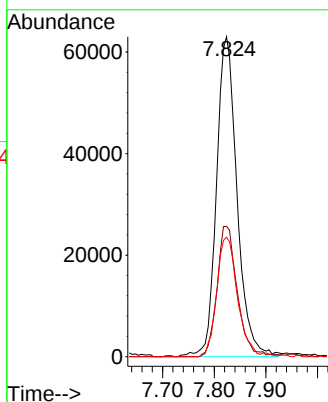
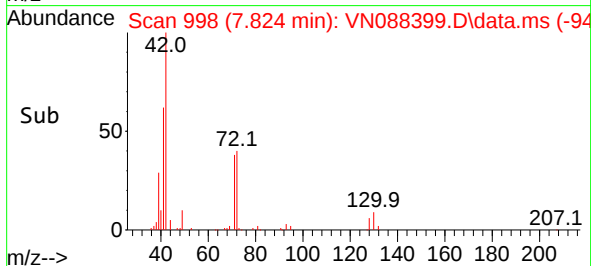
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 42 Resp: 17417
Ion Ratio Lower Upper
42 100
72 39.8 32.2 48.4
71 37.4 31.1 46.7

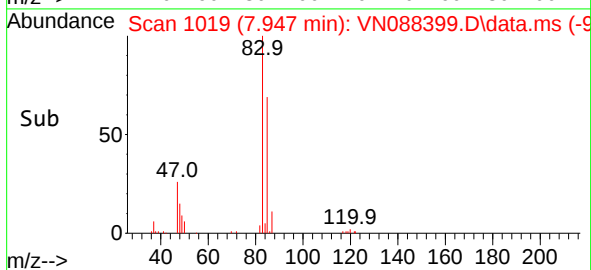
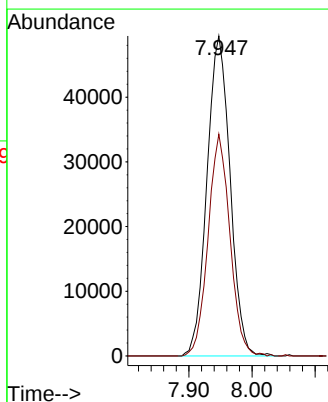
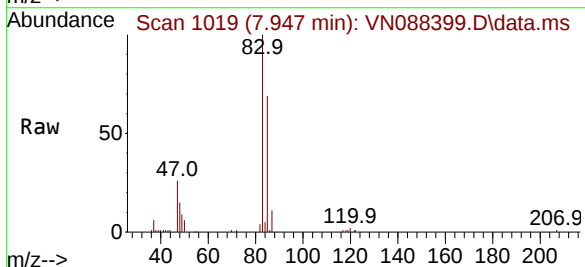
Manual Integrations
APPROVED

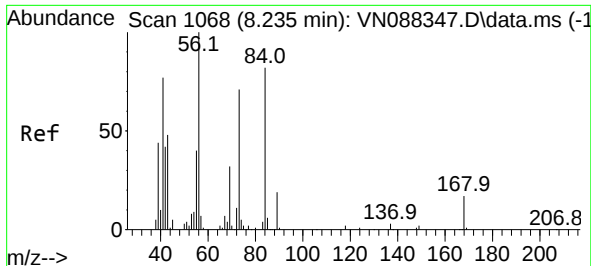
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#30
Chloroform
Concen: 18.764 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

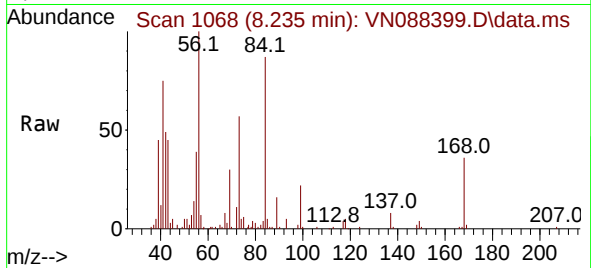
Tgt Ion: 83 Resp: 125776
Ion Ratio Lower Upper
83 100
85 69.3 49.8 74.8





#31
Cyclohexane
Concen: 17.180 ug/l
RT: 8.235 min Scan# 106208
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

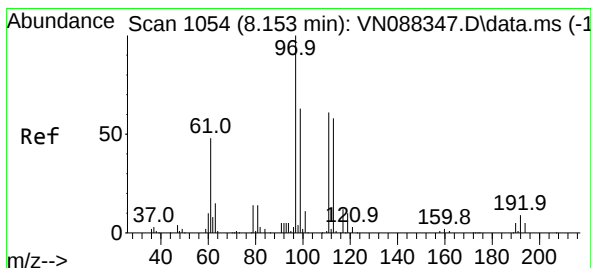
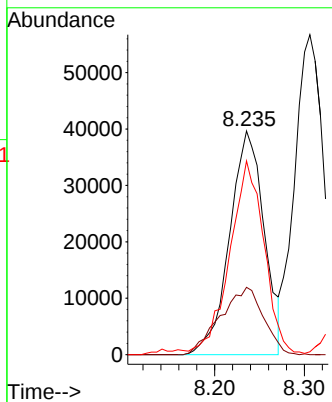
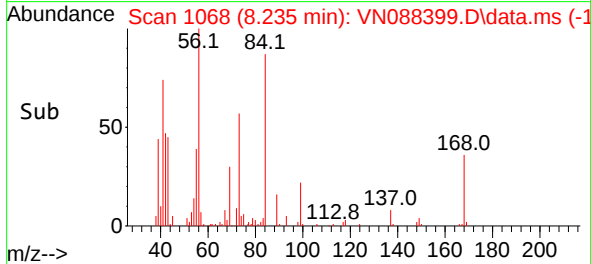
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 56 Resp: 106208
Ion Ratio Lower Upper
56 100
69 30.1 25.3 37.9
84 84.4 65.4 98.2

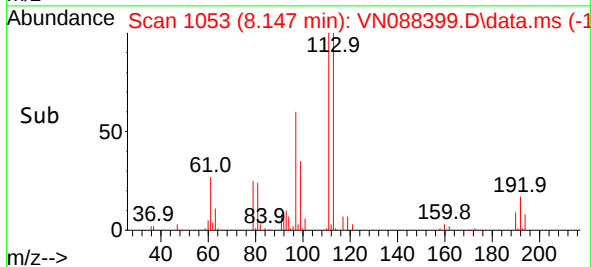
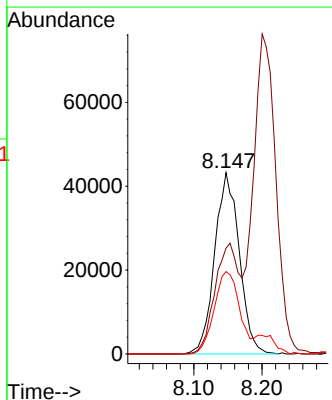
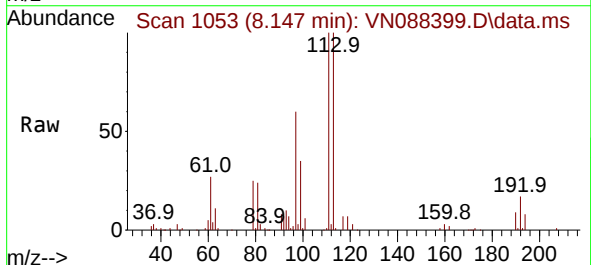
Manual Integrations
APPROVED

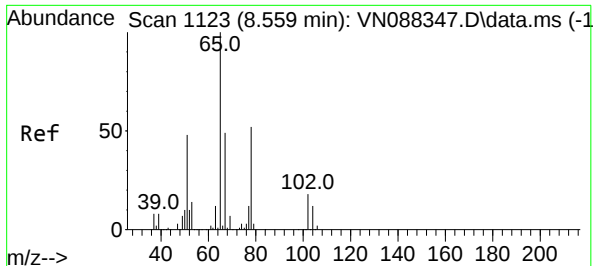
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#32
1,1,1-Trichloroethane
Concen: 18.400 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion: 97 Resp: 108444
Ion Ratio Lower Upper
97 100
99 60.8 50.8 76.2
61 47.7 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 56.887 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

Tgt Ion: 65 Resp: 267394

Ion Ratio Lower Upper

65 100

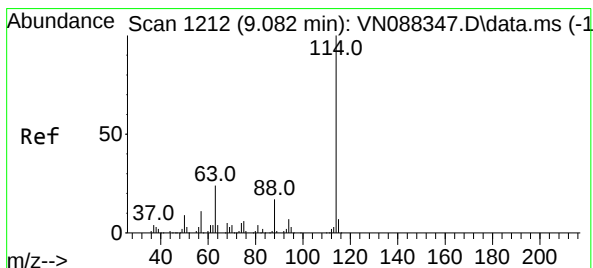
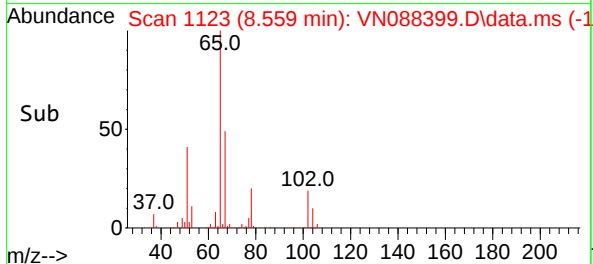
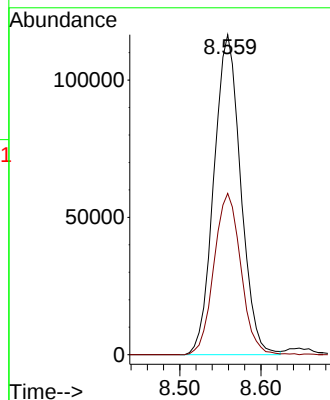
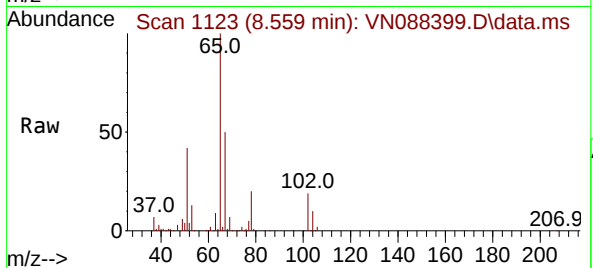
67 50.5 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

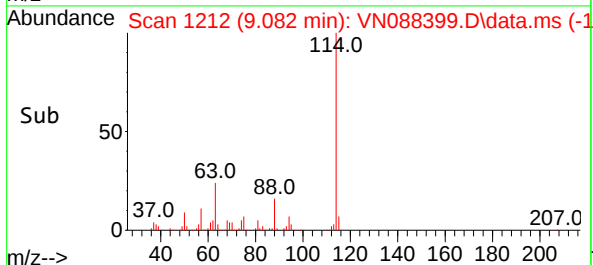
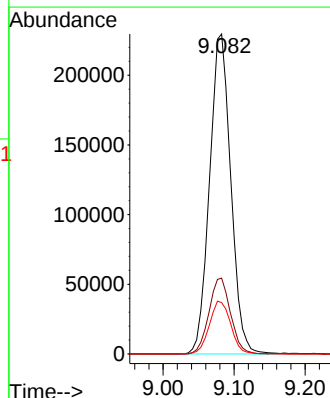
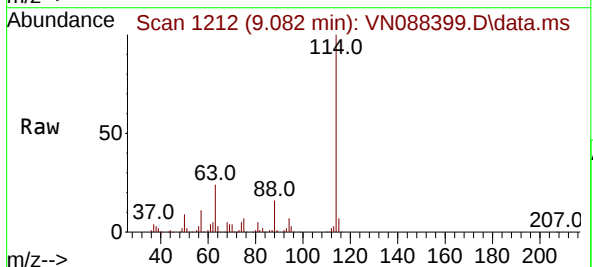
Tgt Ion:114 Resp: 476954

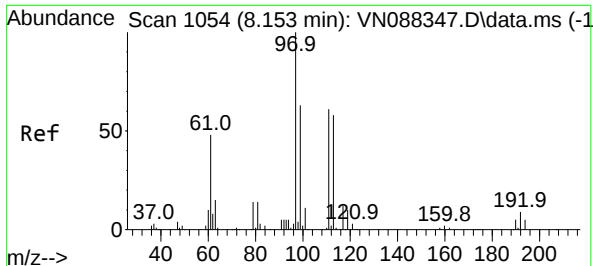
Ion Ratio Lower Upper

114 100

63 23.7 0.0 49.0

88 16.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.161 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

Tgt Ion: 113 Resp: 17240

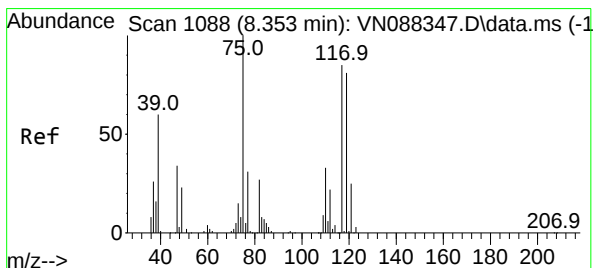
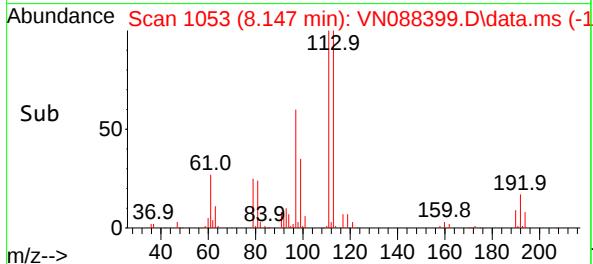
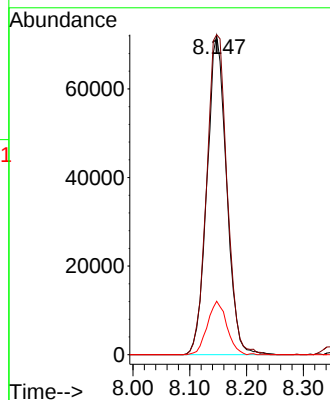
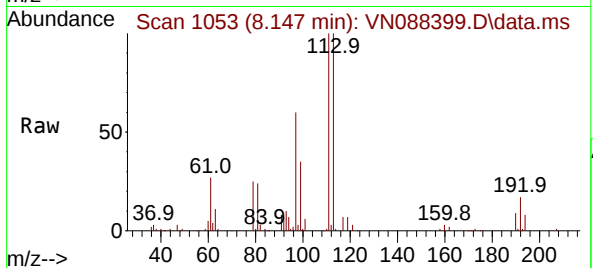
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.5	123.7
192	16.6	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#36

1,1-Dichloropropene

Concen: 16.769 ug/l

RT: 8.353 min Scan# 1088

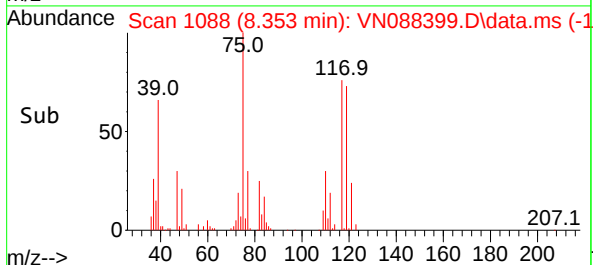
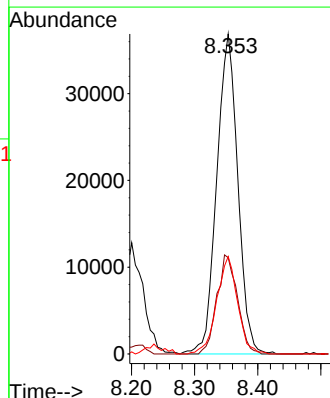
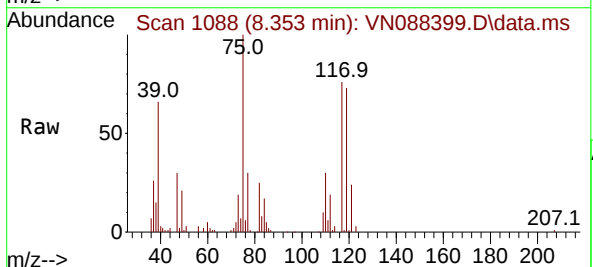
Delta R.T. 0.000 min

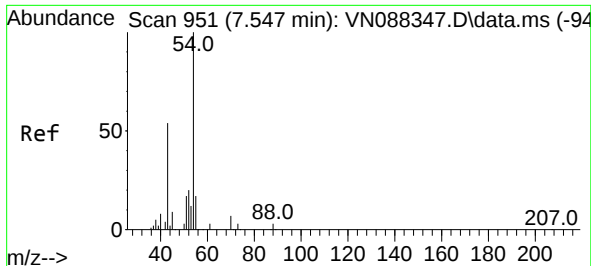
Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

Tgt Ion: 75 Resp: 85539

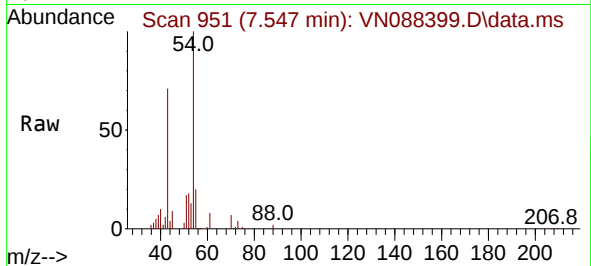
Ion	Ratio	Lower	Upper
75	100		
110	30.2	15.8	47.4
77	30.2	24.2	36.2





#37
Ethyl Acetate
Concen: 17.054 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

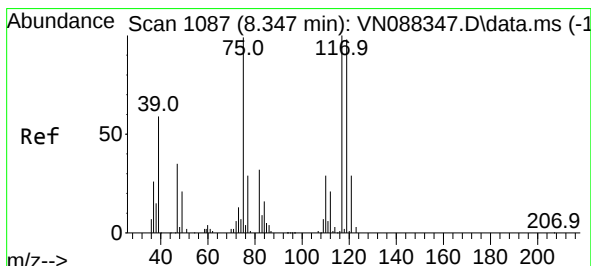
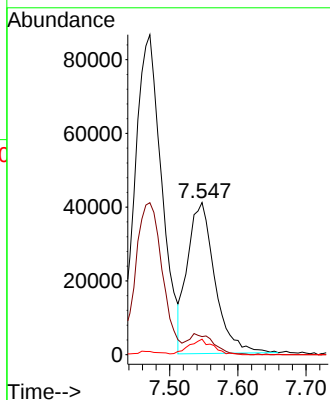
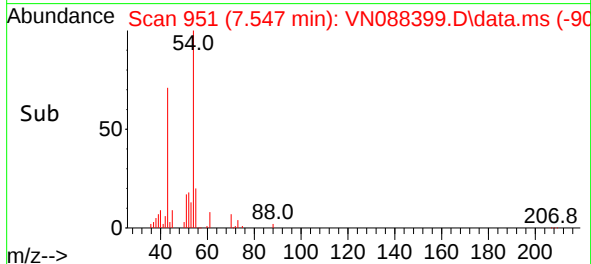
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 43 Resp: 114390
Ion Ratio Lower Upper
43 100
61 13.0 9.5 14.3
70 9.0 7.1 10.7

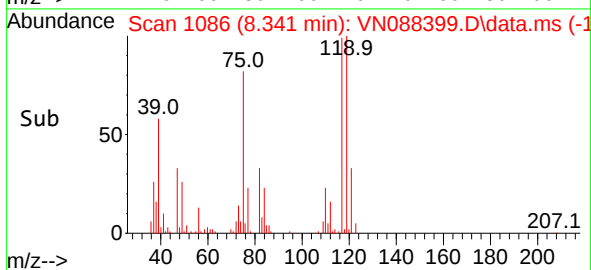
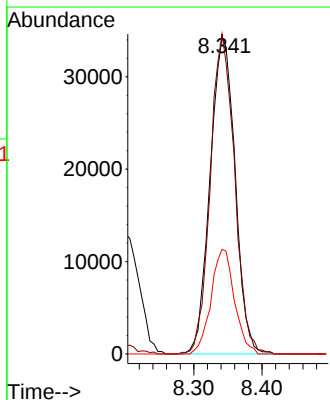
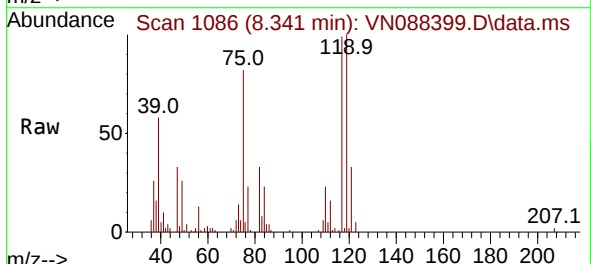
Manual Integrations
APPROVED

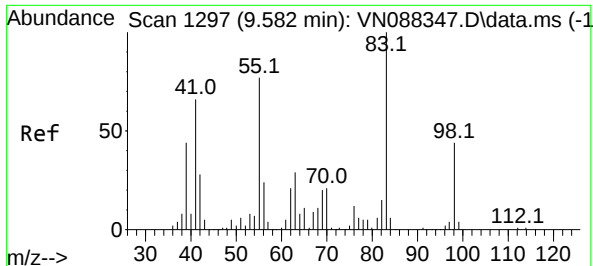
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#38
Carbon Tetrachloride
Concen: 17.217 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion:117 Resp: 87430
Ion Ratio Lower Upper
117 100
119 101.1 78.2 117.4
121 33.1 23.4 35.2





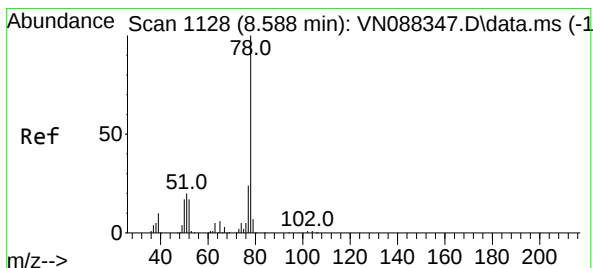
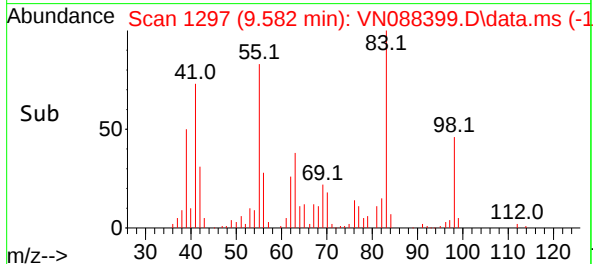
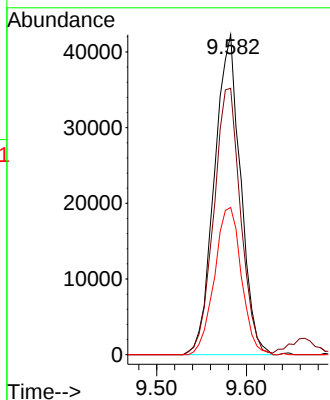
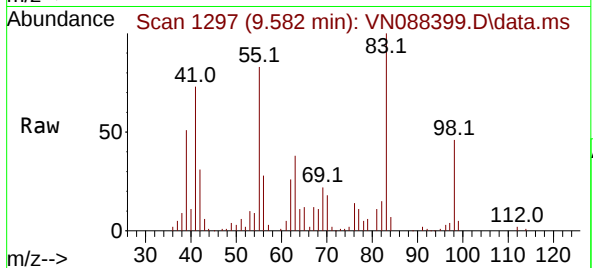
#39
Methylcyclohexane
Concen: 15.662 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

Tgt Ion: 83 Resp: 85459
Ion Ratio Lower Upper
83 100
55 83.3 61.6 92.4
98 46.0 35.3 52.9

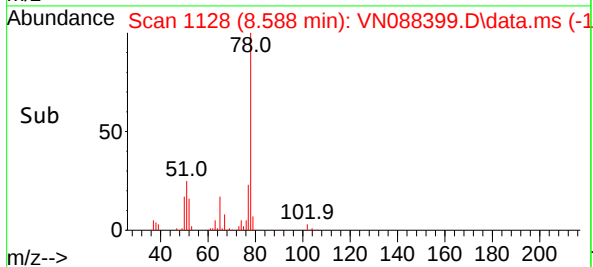
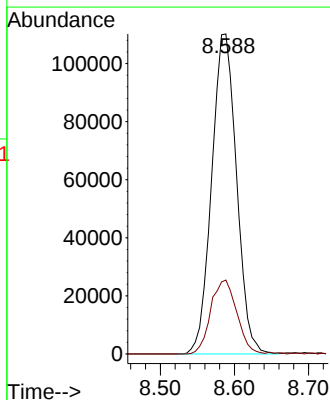
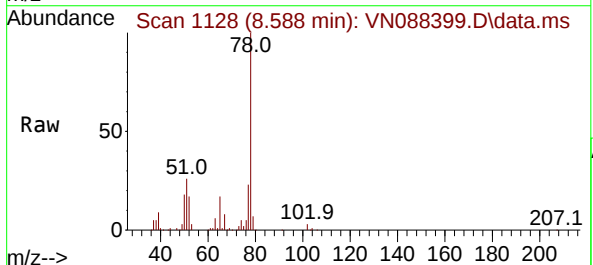
Manual Integrations
APPROVED

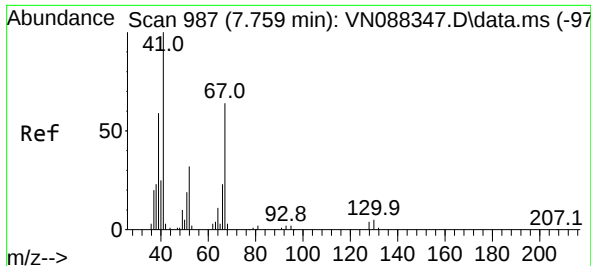
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#40
Benzene
Concen: 17.158 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

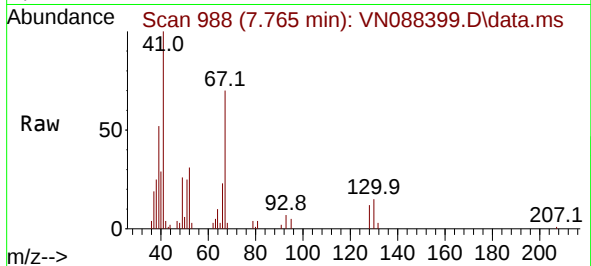
Tgt Ion: 78 Resp: 256881
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





#41
Methacrylonitrile
Concen: 17.545 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

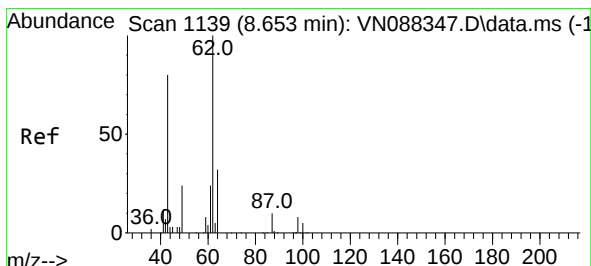
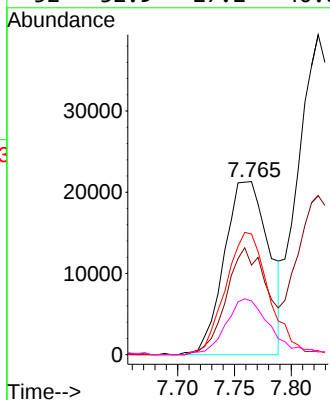
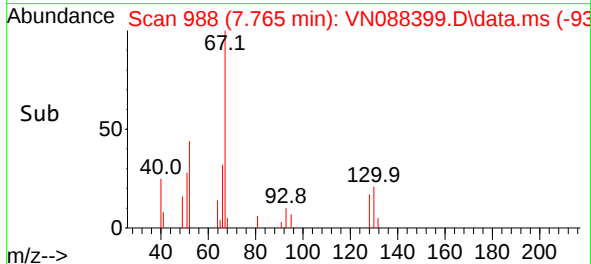
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 41 Resp: 5828
Ion Ratio Lower Upper
41 100
39 56.4 46.3 69.5
67 68.8 54.7 82.1
52 32.9 27.2 40.8

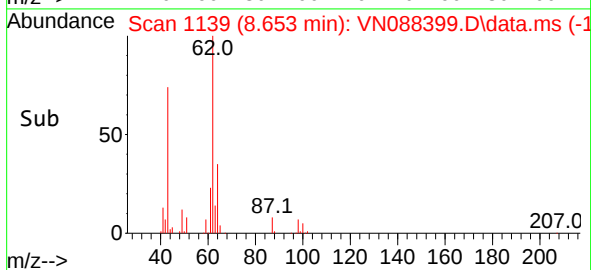
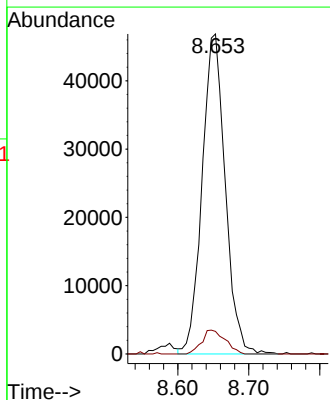
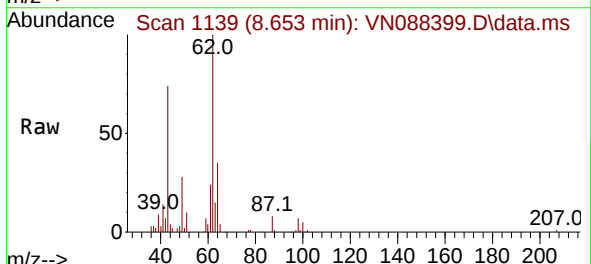
Manual Integrations
APPROVED

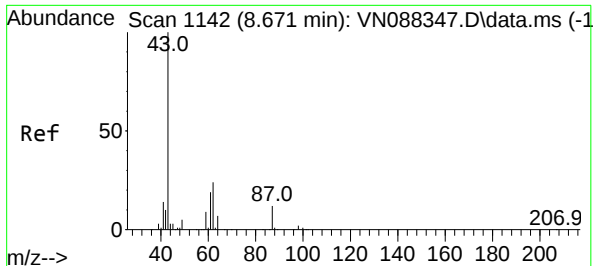
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#42
1,2-Dichloroethane
Concen: 18.563 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

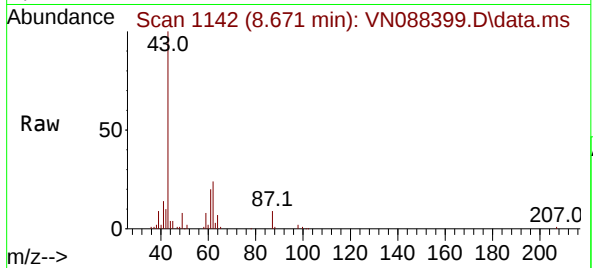
Tgt Ion: 62 Resp: 106032
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.2





#43
Isopropyl Acetate
Concen: 17.125 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

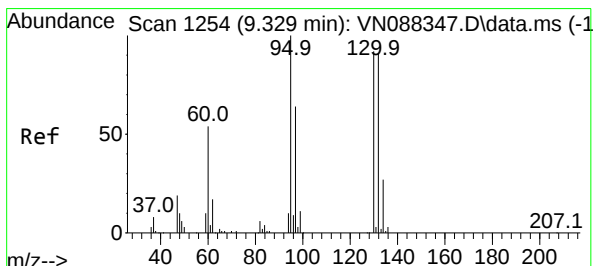
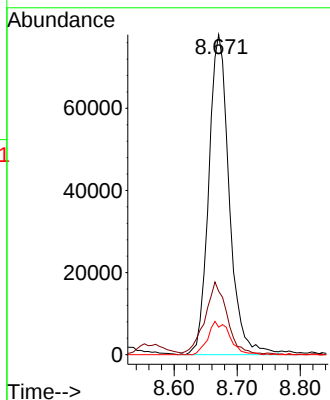
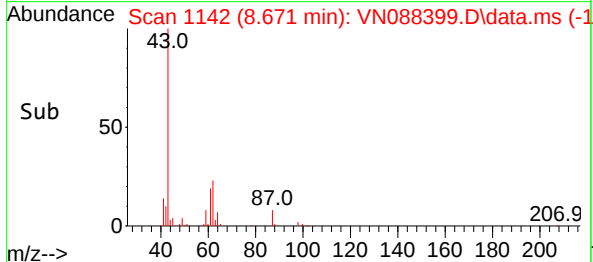
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 43 Resp: 175494
Ion Ratio Lower Upper
43 100
61 24.2 18.7 28.1
87 11.1 9.1 13.7

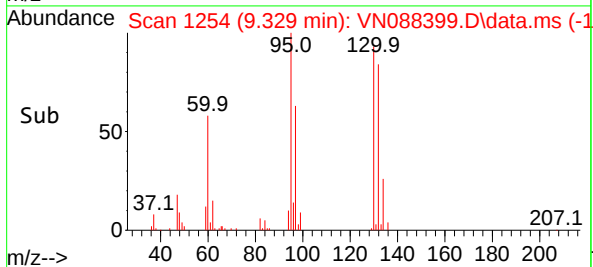
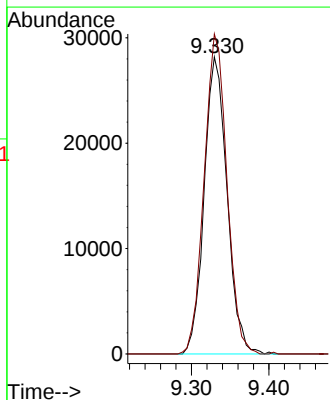
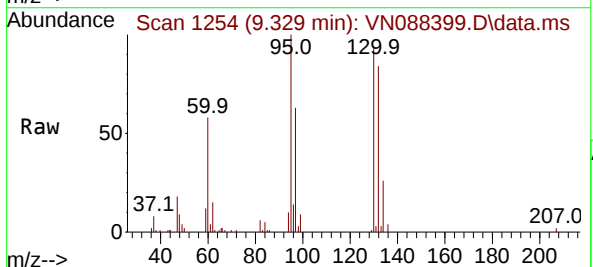
Manual Integrations
APPROVED

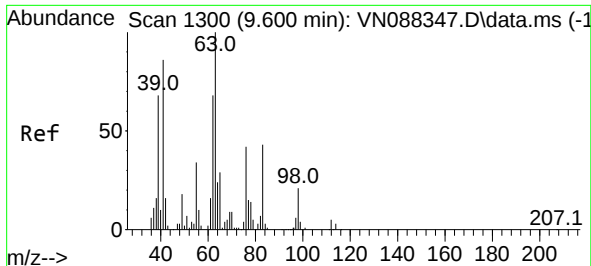
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#44
Trichloroethene
Concen: 16.340 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

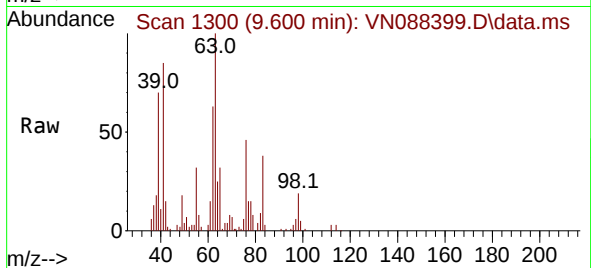
Tgt Ion:130 Resp: 57803
Ion Ratio Lower Upper
130 100
95 107.7 0.0 217.0





#45
1,2-Dichloropropane
Concen: 18.063 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

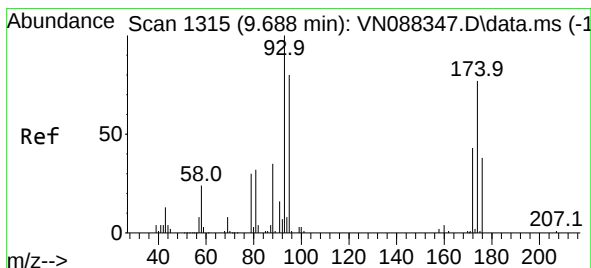
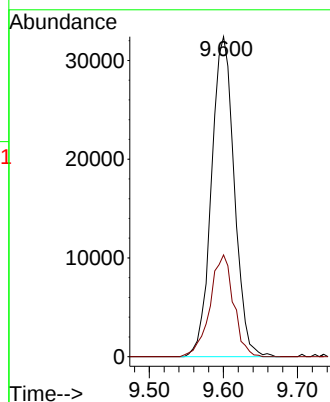
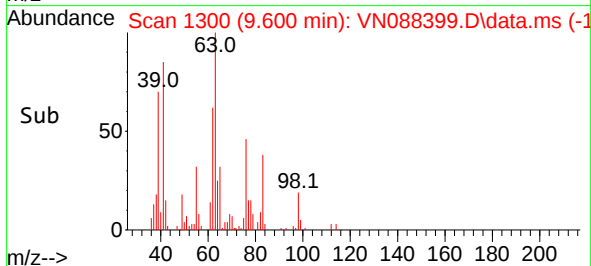
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



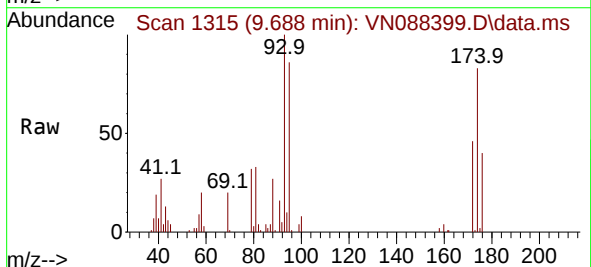
Tgt Ion: 63 Resp: 6928
Ion Ratio Lower Upper
63 100
65 31.8 23.0 34.4

Manual Integrations
APPROVED

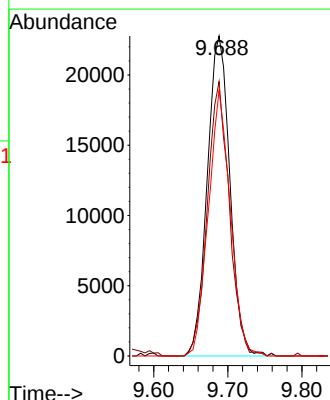
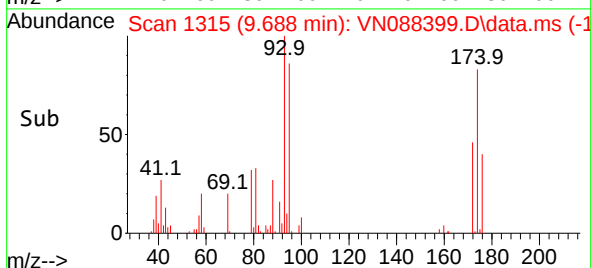
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

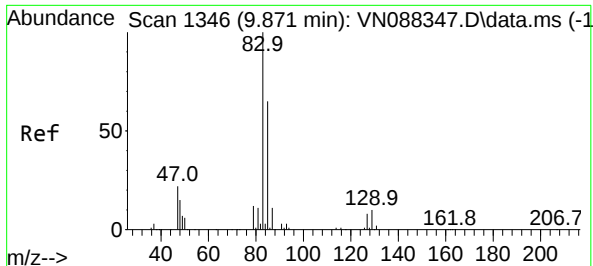


#46
Dibromomethane
Concen: 17.646 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01



Tgt Ion: 93 Resp: 48305
Ion Ratio Lower Upper
93 100
95 83.2 65.8 98.6
174 80.7 64.3 96.5





#47

Bromodichloromethane

Concen: 18.223 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

Tgt Ion: 83 Resp: 10178

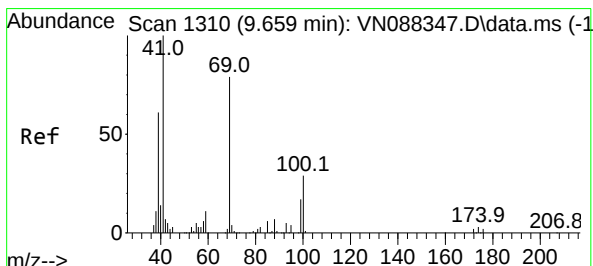
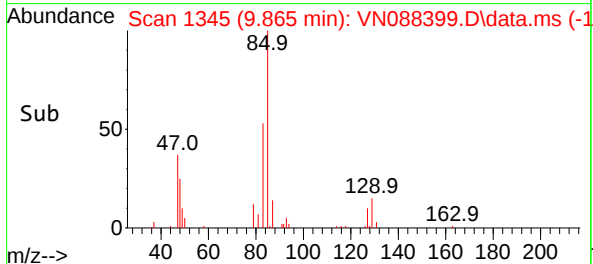
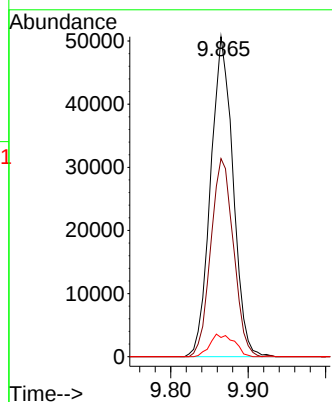
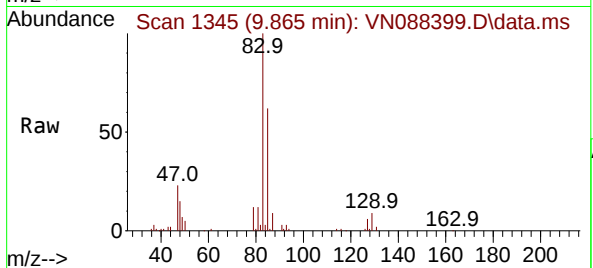
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.9	77.9
127	6.0	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#48

Methyl methacrylate

Concen: 16.945 ug/l

RT: 9.659 min Scan# 1310

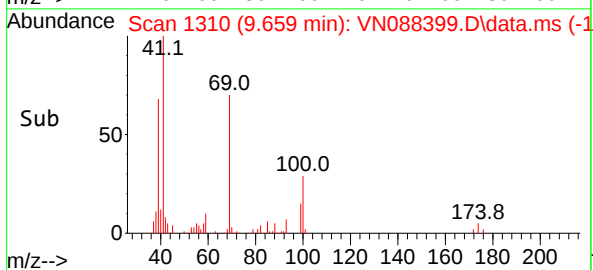
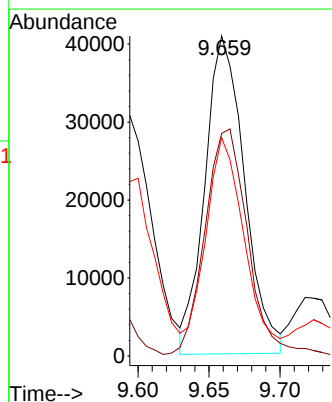
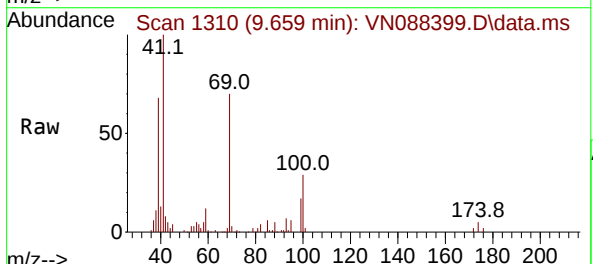
Delta R.T. 0.000 min

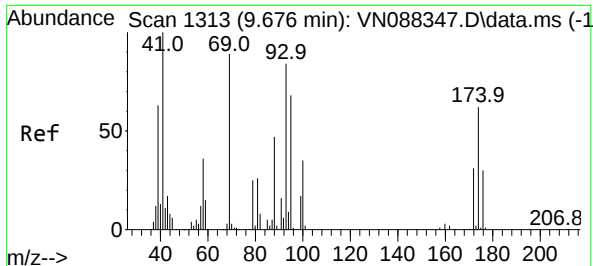
Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

Tgt Ion: 41 Resp: 79234

Ion	Ratio	Lower	Upper
41	100		
69	76.3	62.4	93.6
39	67.8	52.6	79.0





#49

1,4-Dioxane

Concen: 328.131 ug/l

RT: 9.677 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

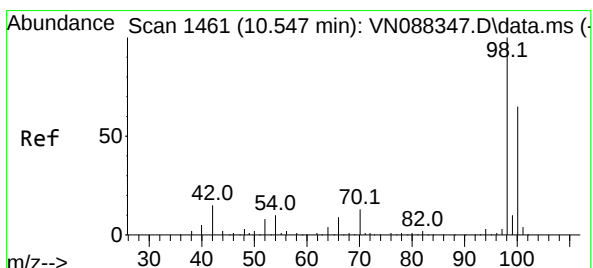
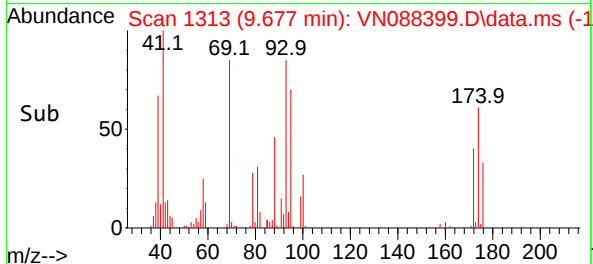
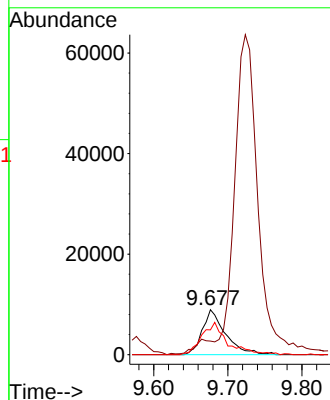
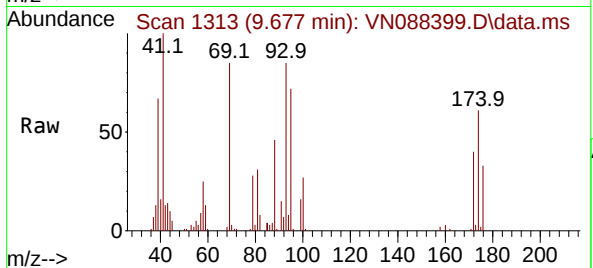
Tgt Ion: 88	Resp: 1951
Ion Ratio	Lower Upper
88	100
43	26.1 0.0 0.0
58	79.6 62.0 93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#50

Toluene-d8

Concen: 50.528 ug/l

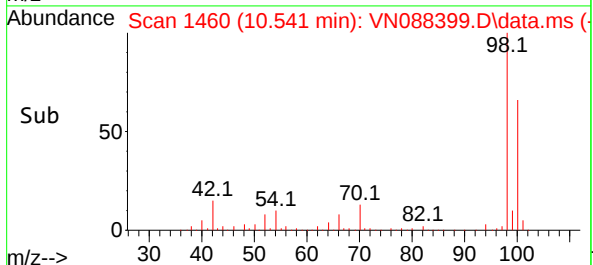
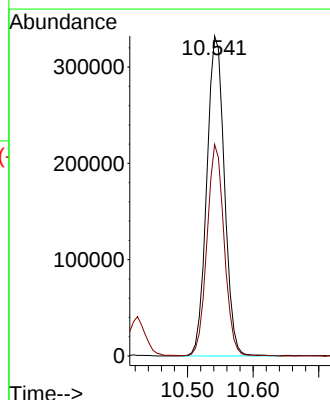
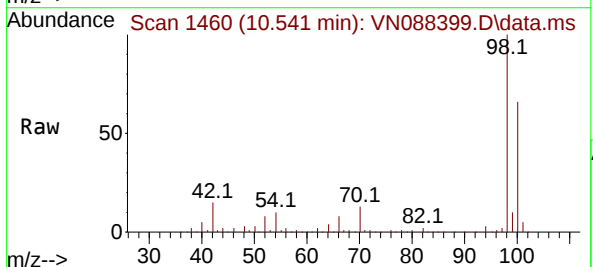
RT: 10.541 min Scan# 1460

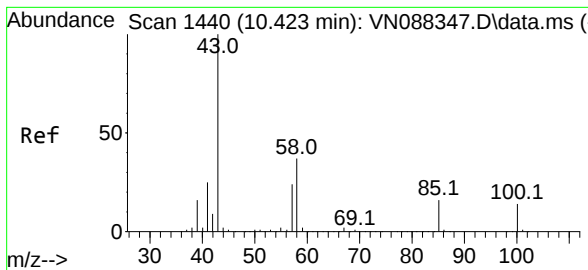
Delta R.T. -0.006 min

Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

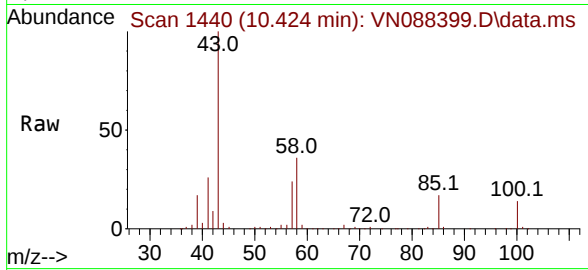
Tgt Ion: 98	Resp: 621401
Ion Ratio	Lower Upper
98	100
100	64.0 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 88.742 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

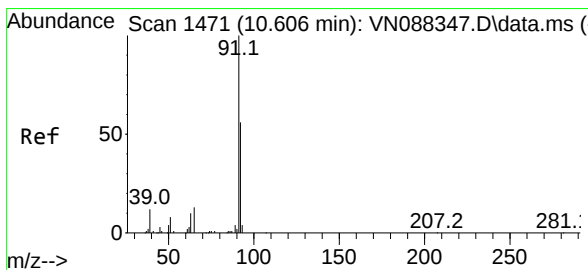
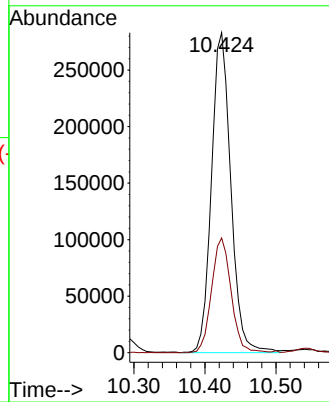
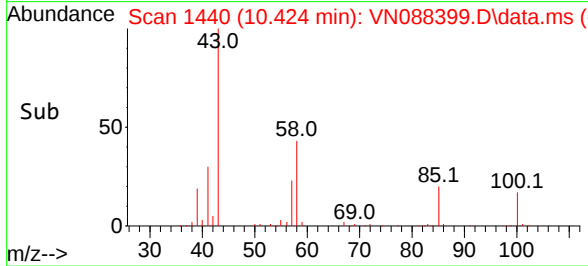
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 43 Resp: 53604
Ion Ratio Lower Upper
43 100
58 36.1 29.1 43.7

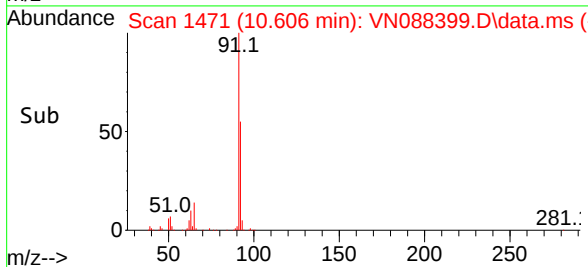
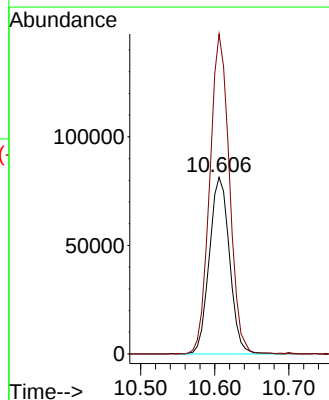
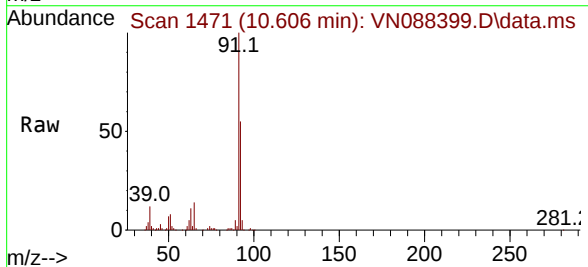
Manual Integrations
APPROVED

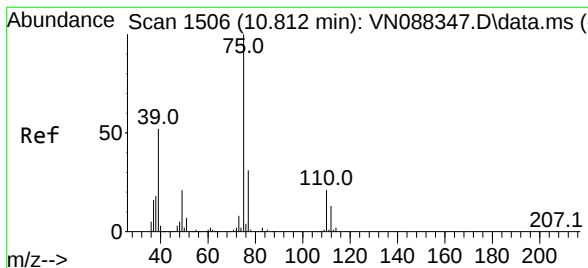
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#52
Toluene
Concen: 17.761 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

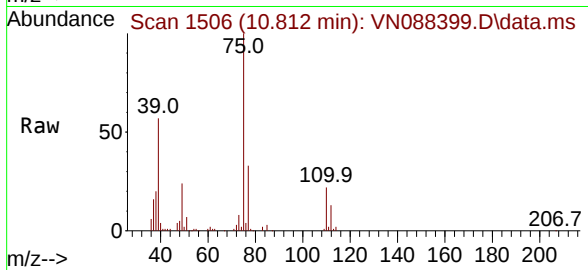
Tgt Ion: 92 Resp: 153543
Ion Ratio Lower Upper
92 100
91 177.0 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 17.379 ug/l
RT: 10.812 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

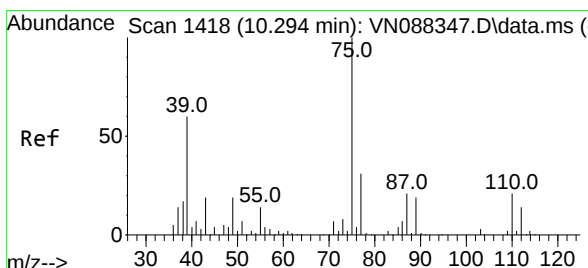
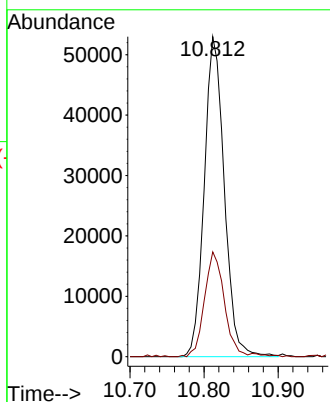
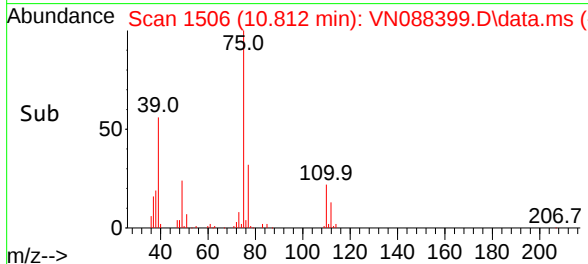
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 75 Resp: 99638
Ion Ratio Lower Upper
75 100
77 32.8 24.8 37.2

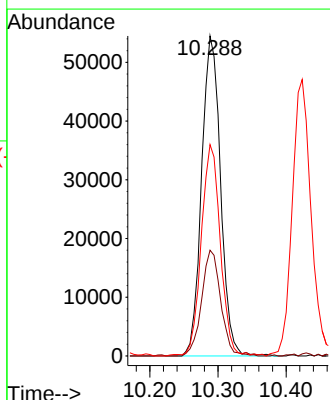
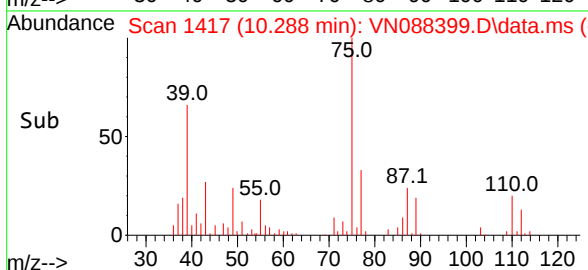
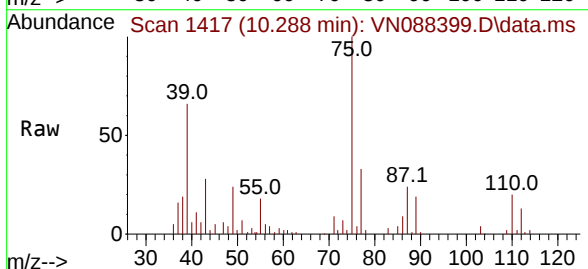
Manual Integrations
APPROVED

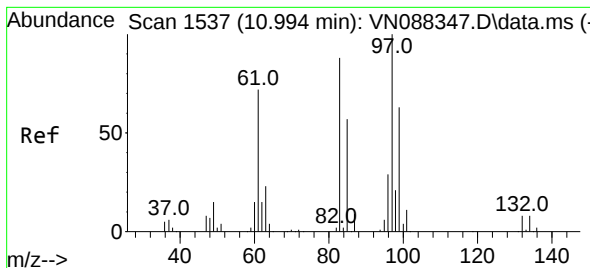
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#54
cis-1,3-Dichloropropene
Concen: 17.486 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

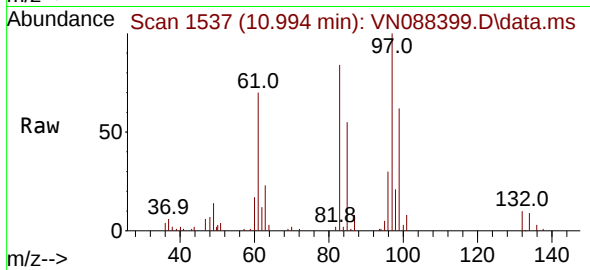
Tgt Ion: 75 Resp: 105427
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7
39 65.6 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 17.823 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

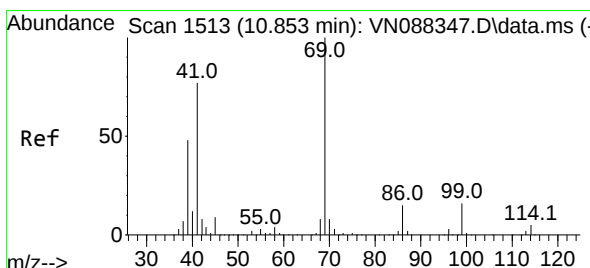
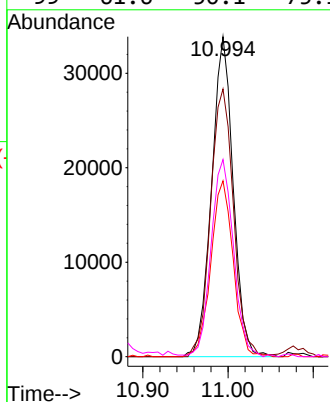
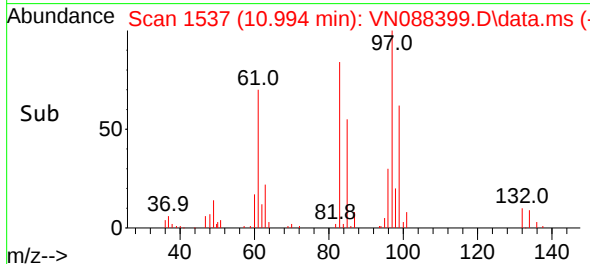
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion:	97	Resp:	5961
Ion	Ratio	Lower	Upper
97	100		
83	83.7	70.4	105.6
85	55.0	45.4	68.2
99	61.6	50.1	75.1

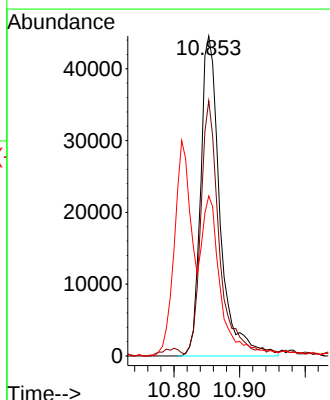
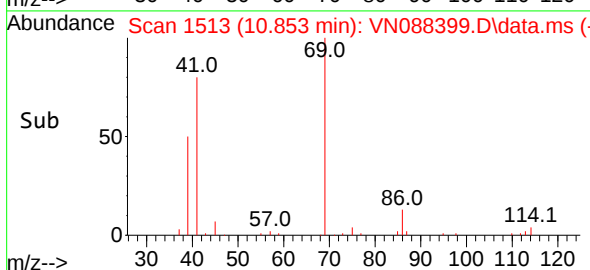
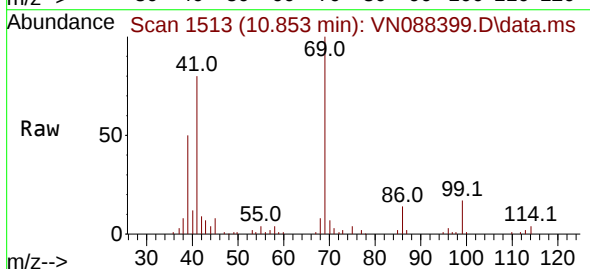
Manual Integrations
APPROVED

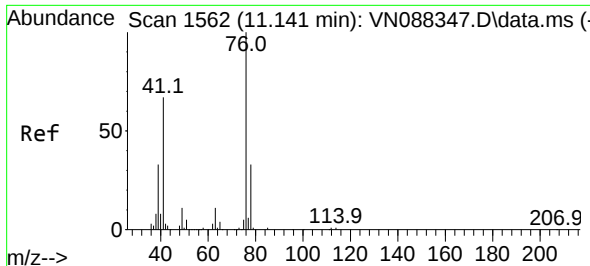
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#56
Ethyl methacrylate
Concen: 17.382 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

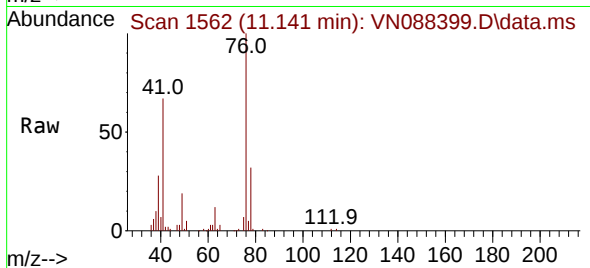
Tgt Ion:	69	Resp:	91838
Ion	Ratio	Lower	Upper
69	100		
41	73.7	59.6	89.4
39	46.2	36.4	54.6





#57
1,3-Dichloropropane
Concen: 17.412 ug/l
RT: 11.141 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

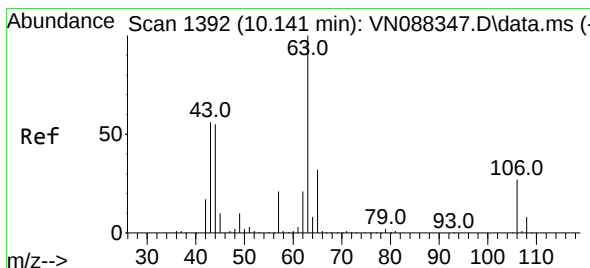
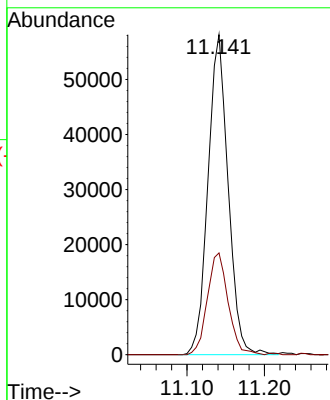
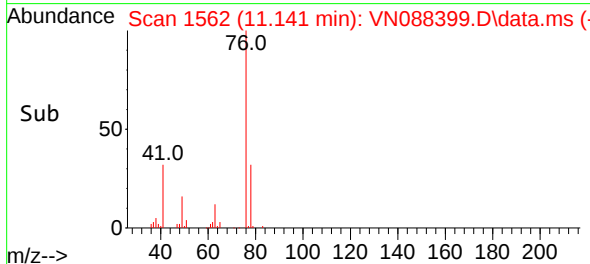
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 76 Resp: 105063
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4

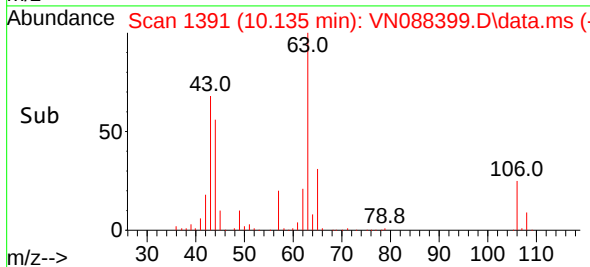
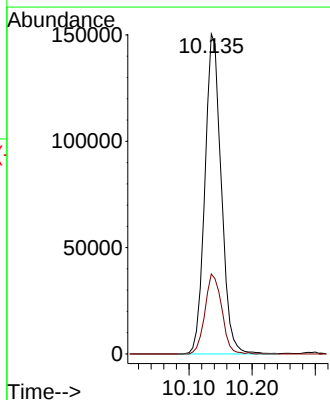
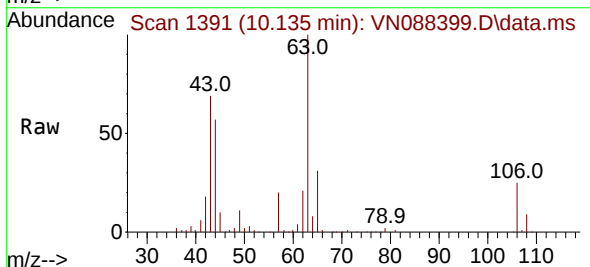
Manual Integrations
APPROVED

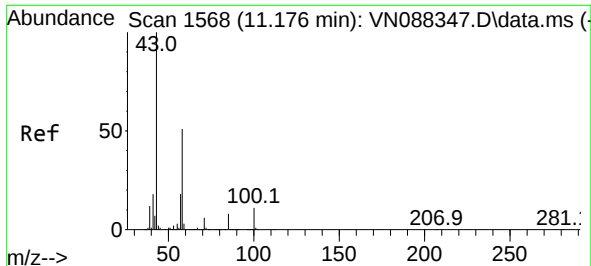
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 88.800 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

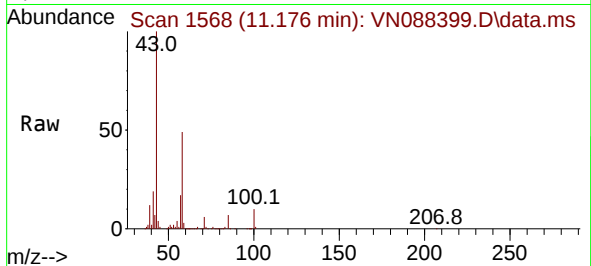
Tgt Ion: 63 Resp: 270479
Ion Ratio Lower Upper
63 100
106 25.7 20.5 30.7





#59
2-Hexanone
Concen: 85.335 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

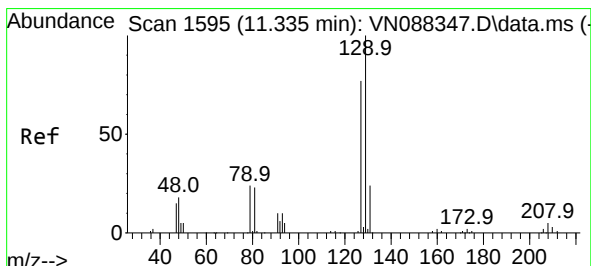
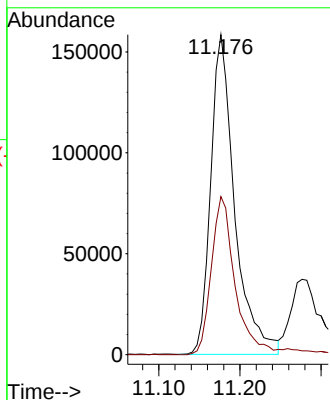
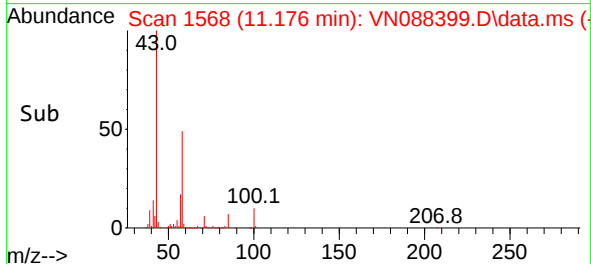
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



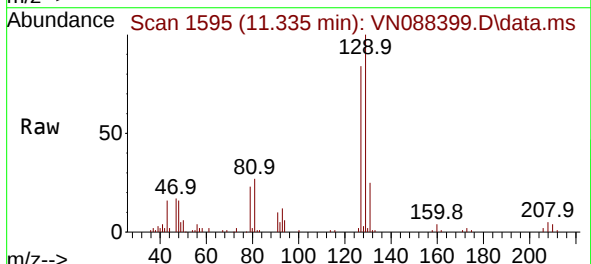
Tgt Ion: 43 Resp: 324719
Ion Ratio Lower Upper
43 100
58 49.1 25.3 75.9

Manual Integrations
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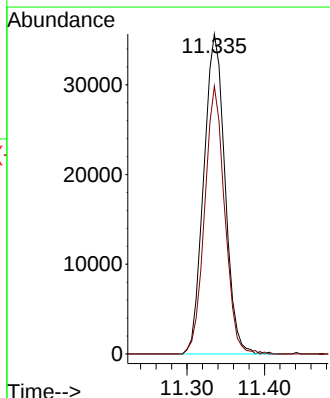
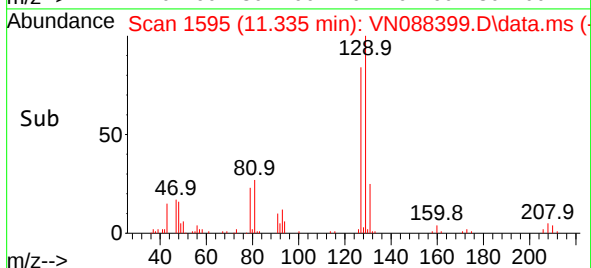
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

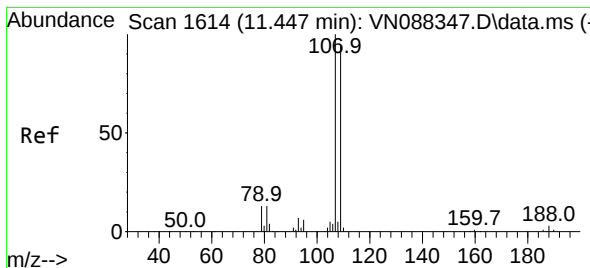


#60
Dibromochloromethane
Concen: 17.749 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01



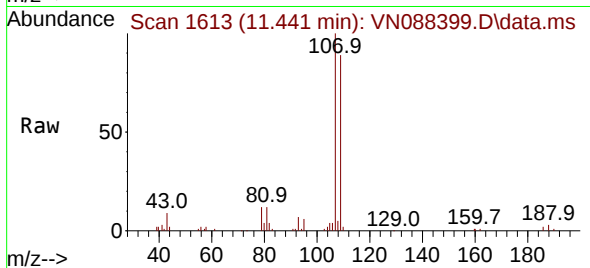
Tgt Ion:129 Resp: 67678
Ion Ratio Lower Upper
129 100
127 79.2 38.2 114.6





#61
1,2-Dibromoethane
Concen: 17.790 ug/l
RT: 11.441 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

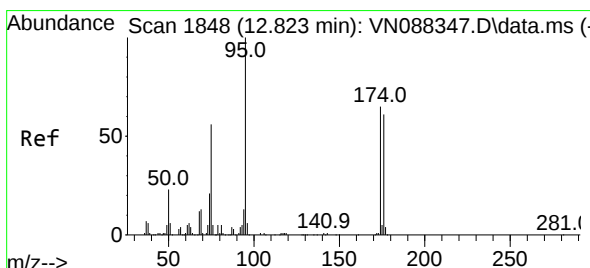
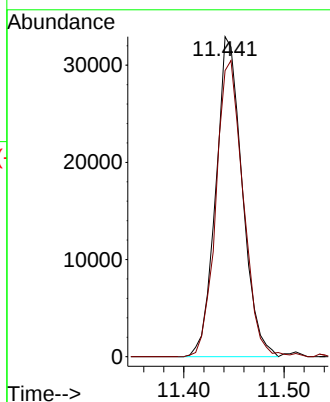
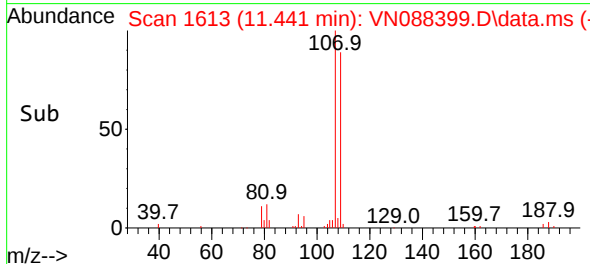
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



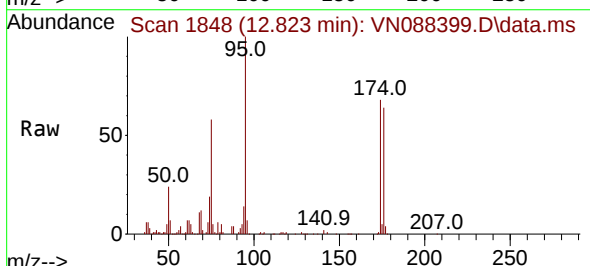
Tgt Ion:107 Resp: 60254
Ion Ratio Lower Upper
107 100
109 95.5 74.6 112.0

Manual Integrations
APPROVED

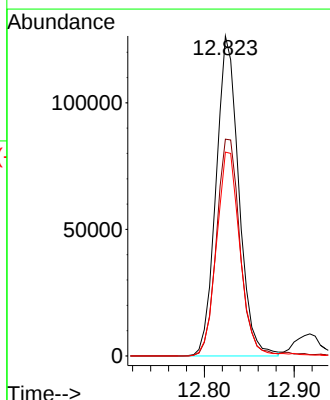
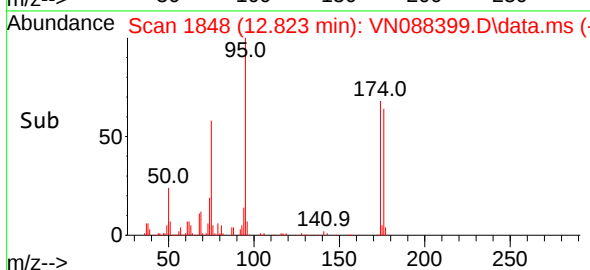
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

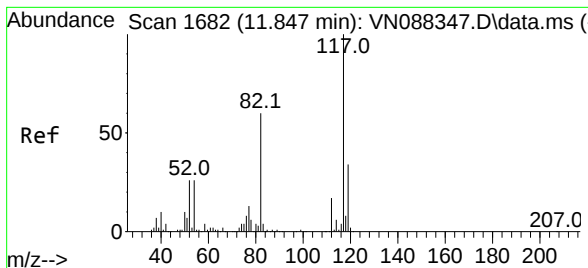


#62
4-Bromofluorobenzene
Concen: 52.685 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01



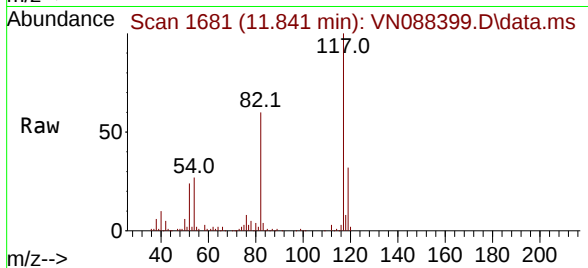
Tgt Ion: 95 Resp: 222316
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.0
176 66.6 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

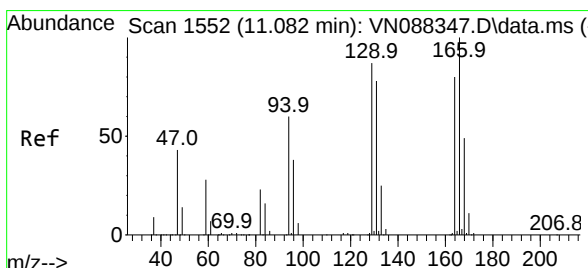
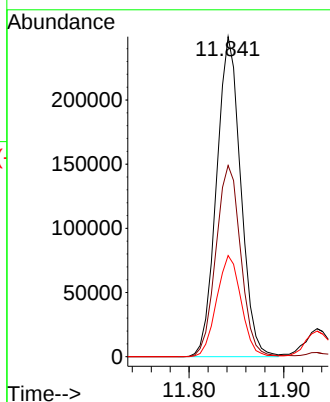
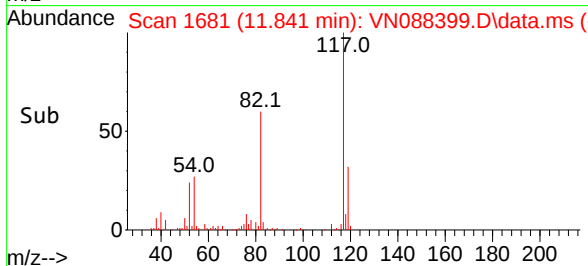
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion:117 Resp: 443188
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 31.6 26.9 40.3

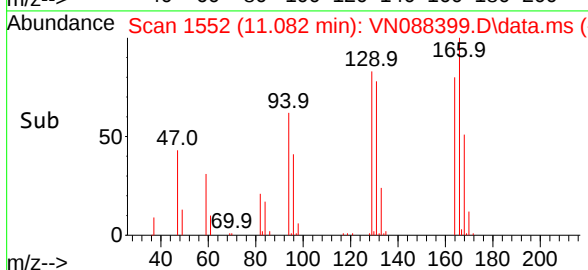
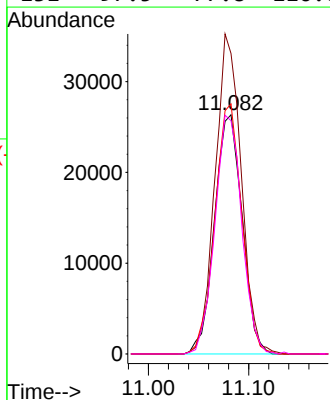
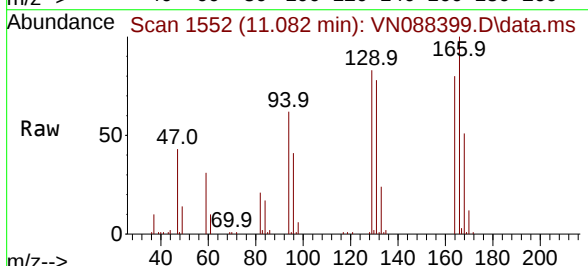
Manual Integrations
APPROVED

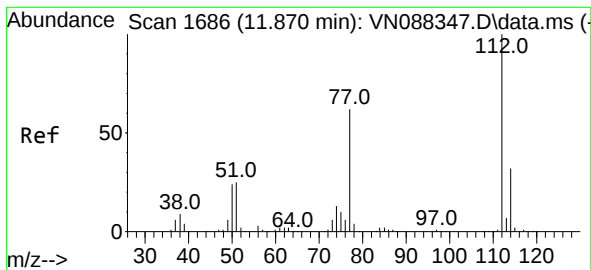
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#64
Tetrachloroethene
Concen: 14.379 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

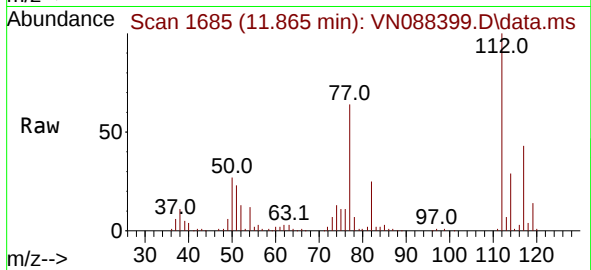
Tgt Ion:164 Resp: 50520
Ion Ratio Lower Upper
164 100
166 125.6 99.6 149.4
129 104.5 86.6 129.8
131 97.5 77.8 116.6





#65
Chlorobenzene
Concen: 16.662 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

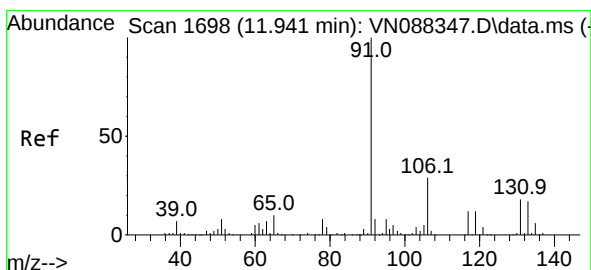
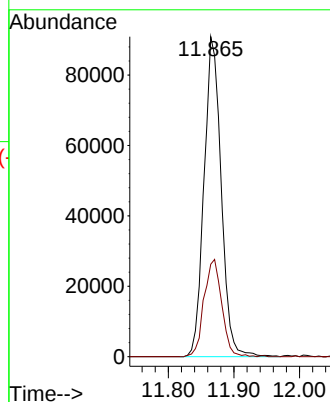
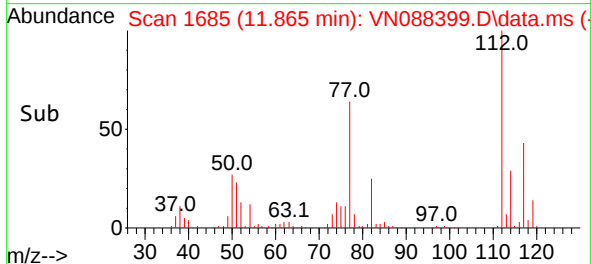
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion:112 Resp: 165870
Ion Ratio Lower Upper
112 100
114 28.9 25.4 38.2

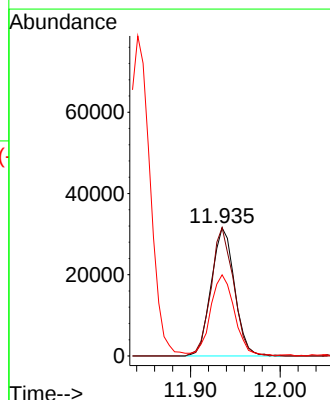
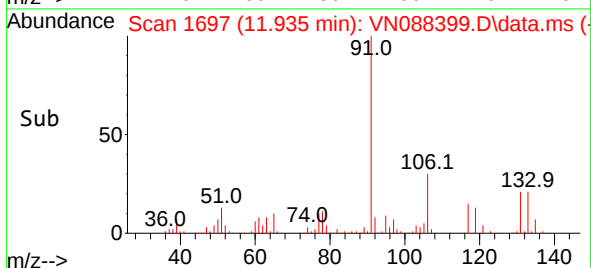
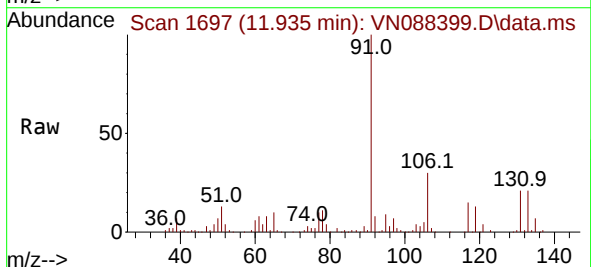
Manual Integrations
APPROVED

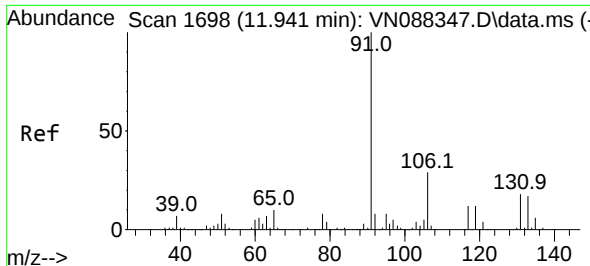
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 16.915 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion:131 Resp: 56793
Ion Ratio Lower Upper
131 100
133 97.8 47.4 142.2
119 65.1 33.4 100.1





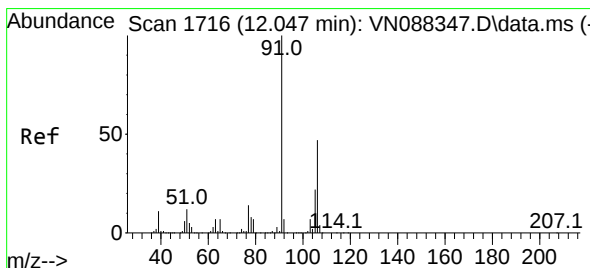
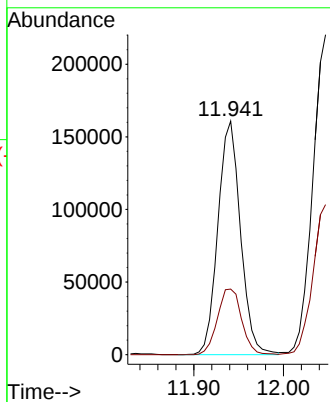
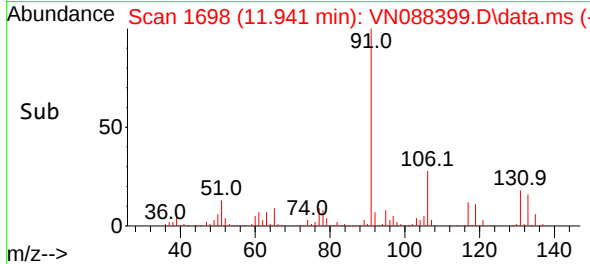
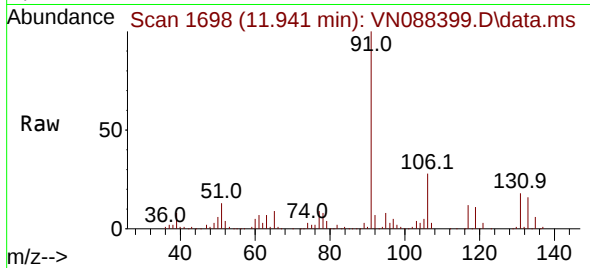
#67
Ethyl Benzene
Concen: 16.155 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

Tgt Ion: 91 Resp: 281088
Ion Ratio Lower Upper
91 100
106 28.1 23.6 35.4

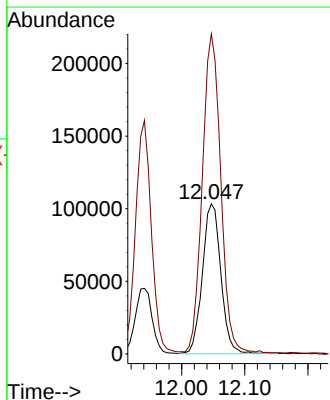
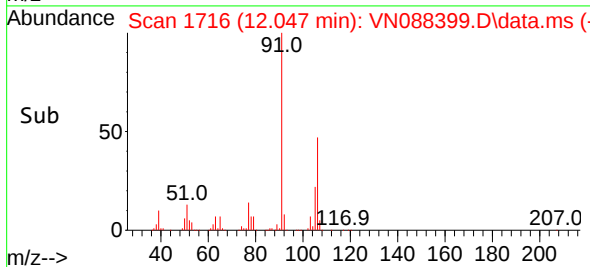
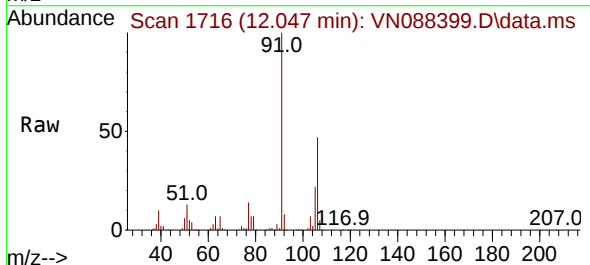
Manual Integrations
APPROVED

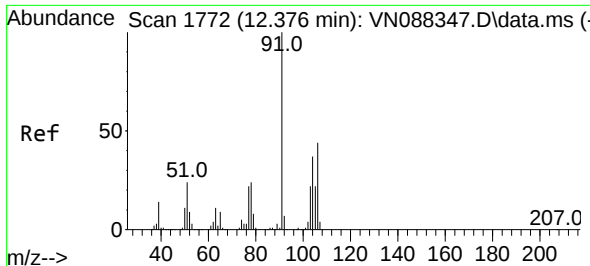
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#68
m/p-Xylenes
Concen: 32.589 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion:106 Resp: 210231
Ion Ratio Lower Upper
106 100
91 213.1 167.8 251.6





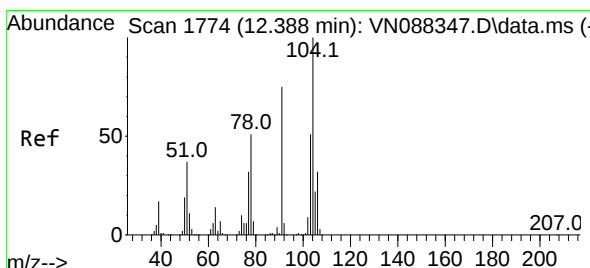
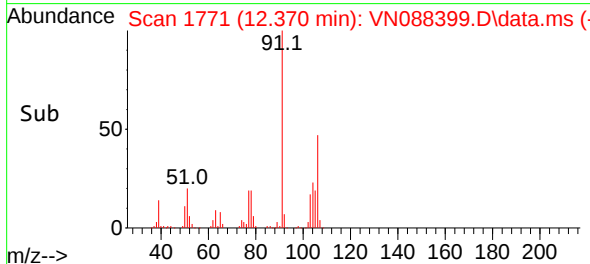
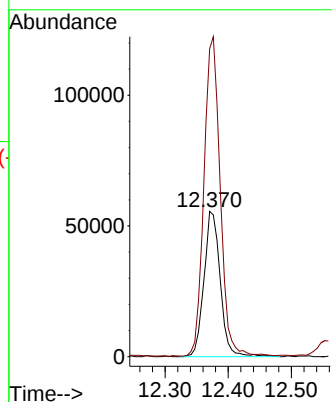
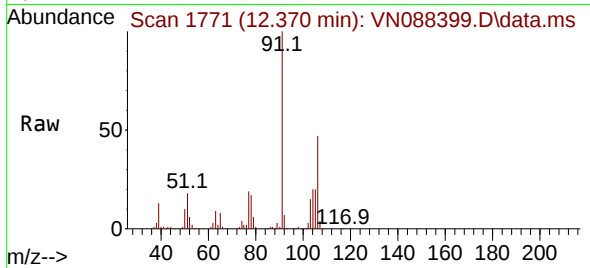
#69
o-Xylene
Concen: 16.241 ug/l
RT: 12.370 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

Tgt Ion:106 Resp: 9988
Ion Ratio Lower Upper
106 100
91 218.6 112.9 338.7

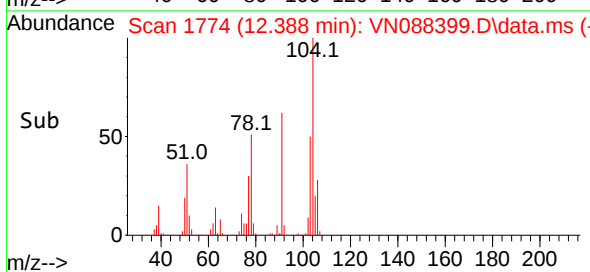
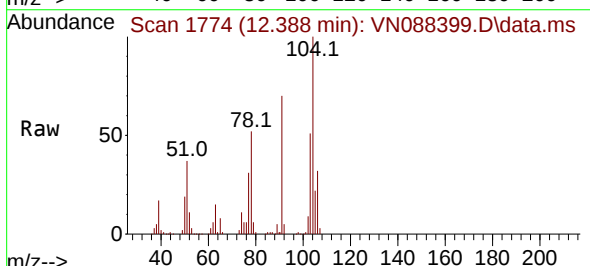
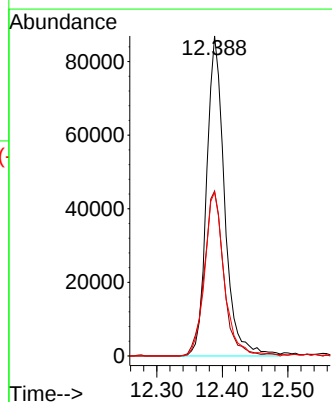
Manual Integrations
APPROVED

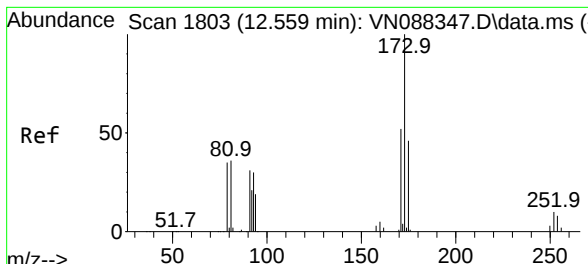
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#70
Styrene
Concen: 16.592 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

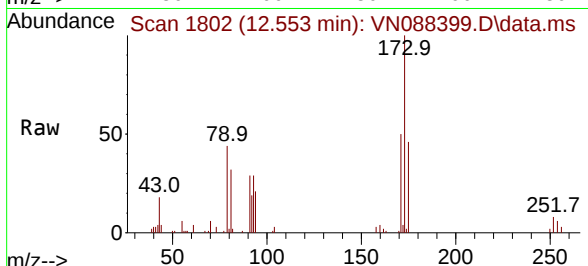
Tgt Ion:104 Resp: 165693
Ion Ratio Lower Upper
104 100
78 55.5 44.3 66.5
103 55.6 44.2 66.4





#71
Bromoform
Concen: 16.855 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

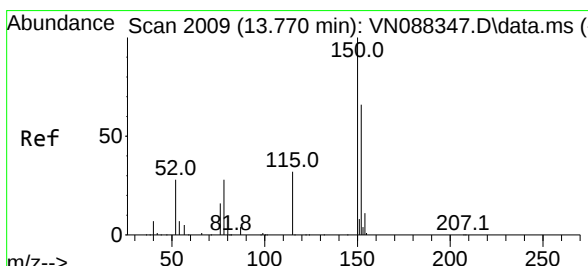
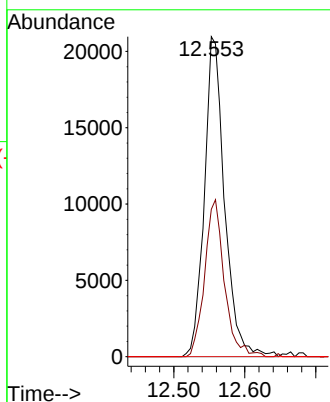
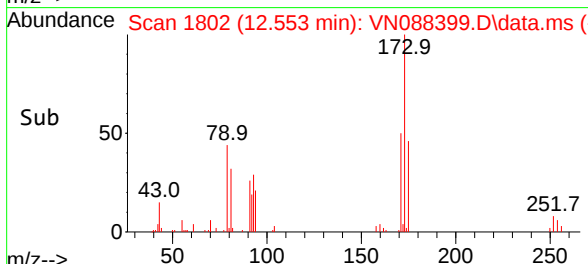
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion:173 Resp: 41450
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.8
254 0.0 0.1 0.1

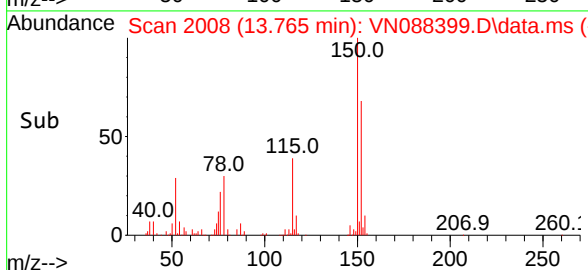
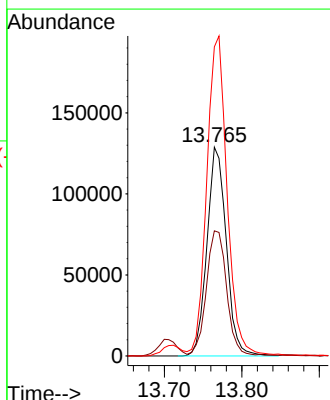
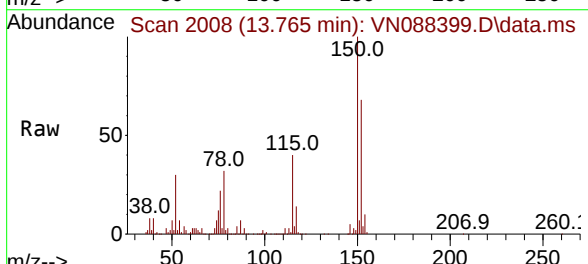
Manual Integrations
APPROVED

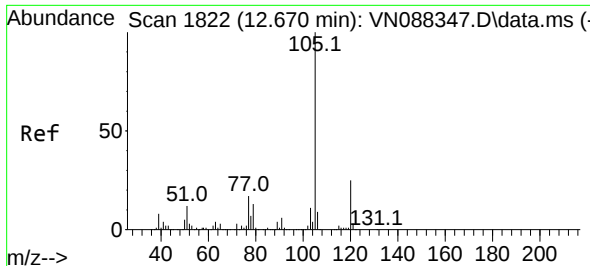
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion:152 Resp: 223818
Ion Ratio Lower Upper
152 100
115 62.2 33.0 98.9
150 159.5 0.0 349.0





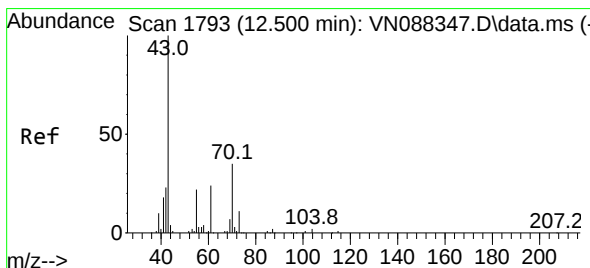
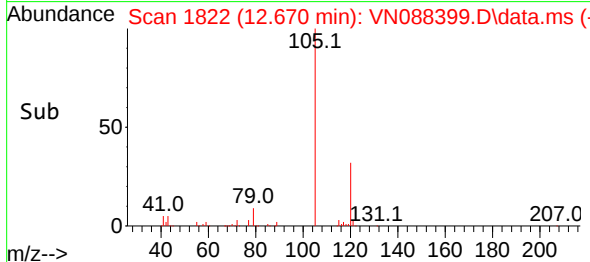
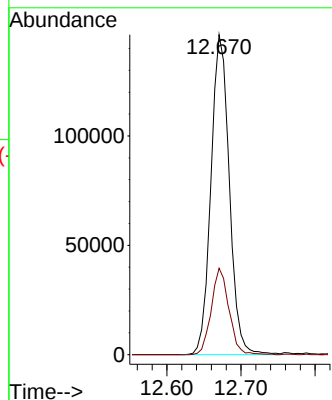
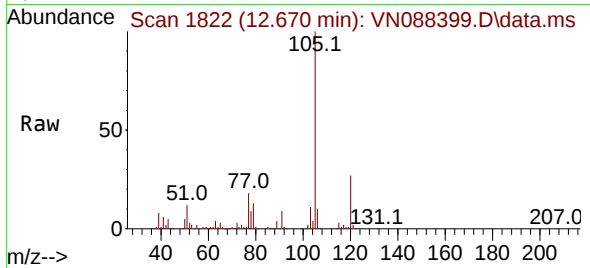
#73
Isopropylbenzene
Concen: 15.210 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

Tgt Ion:105 Resp: 251700
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3

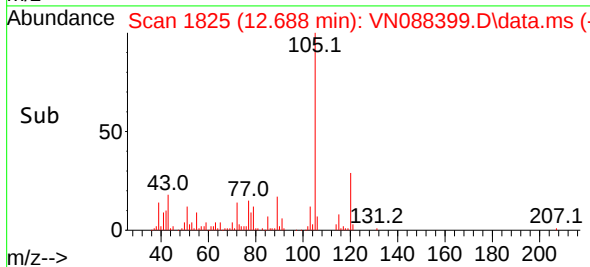
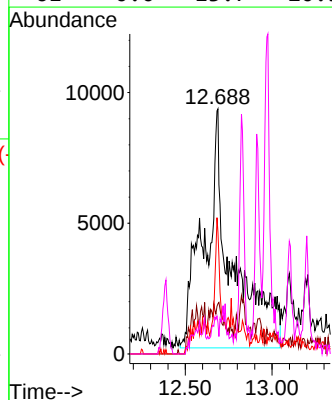
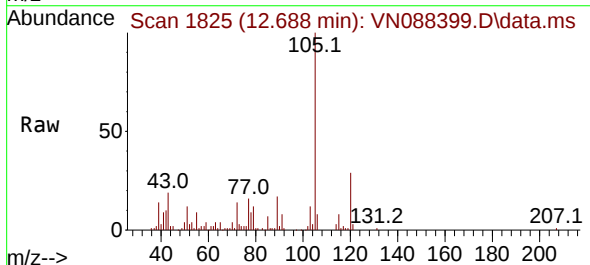
Manual Integrations
APPROVED

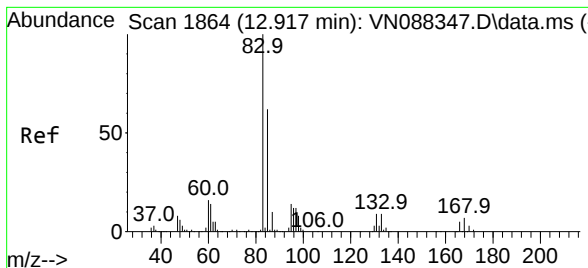
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#74
N-ethyl acetate
Concen: 17.913 ug/l m
RT: 12.688 min Scan# 1825
Delta R.T. 0.188 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

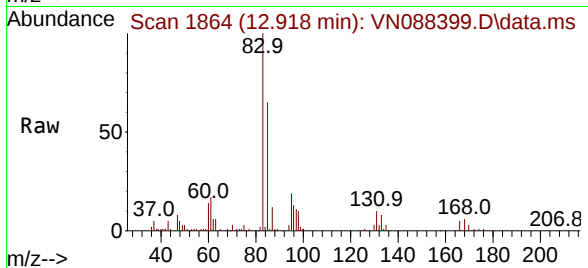
Tgt Ion: 43 Resp: 100954
Ion Ratio Lower Upper
43 100
70 2.9 28.3 42.5#
55 1.2 17.7 26.5#
61 0.0 13.7 20.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 15.951 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

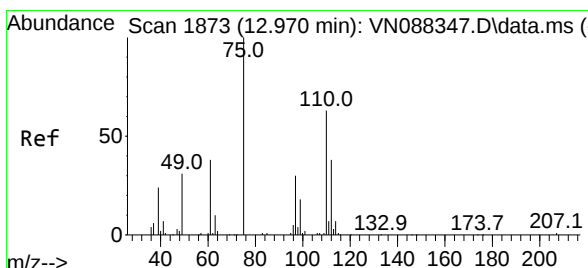
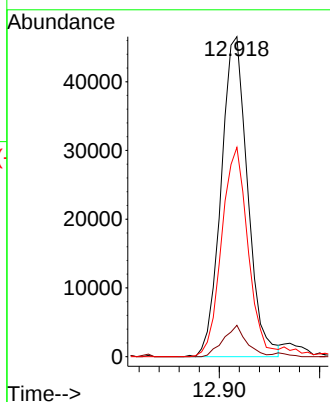
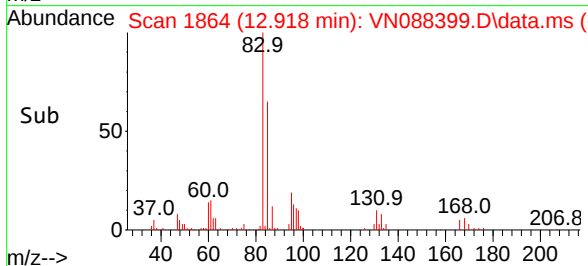
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 83 Resp: 85336
Ion Ratio Lower Upper
83 100
131 8.5 4.8 14.4
85 65.0 32.1 96.5

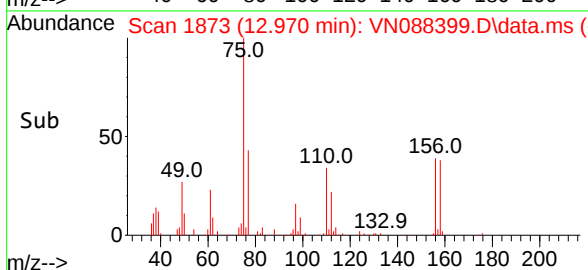
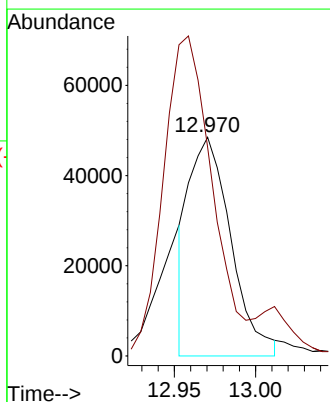
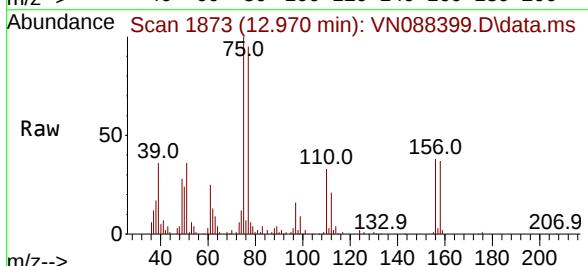
Manual Integrations
APPROVED

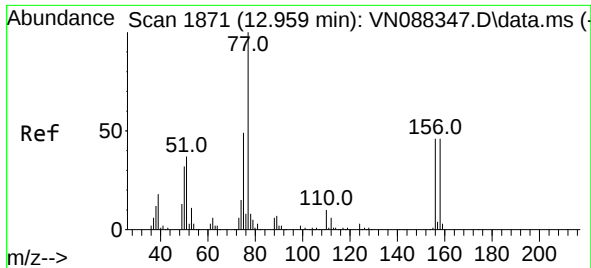
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#76
1,2,3-Trichloropropane
Concen: 16.645 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion: 75 Resp: 87256
Ion Ratio Lower Upper
75 100
77 169.5 87.2 261.6





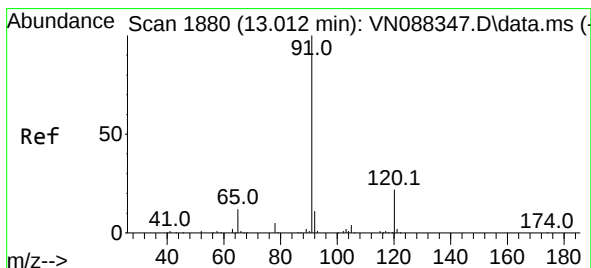
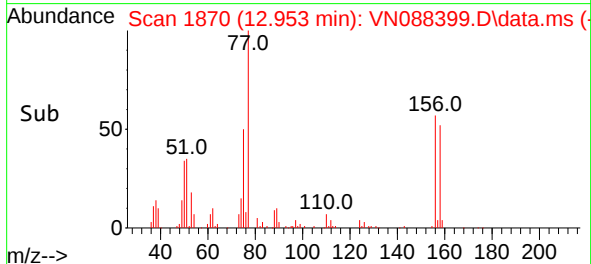
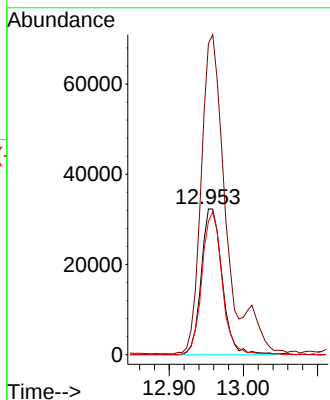
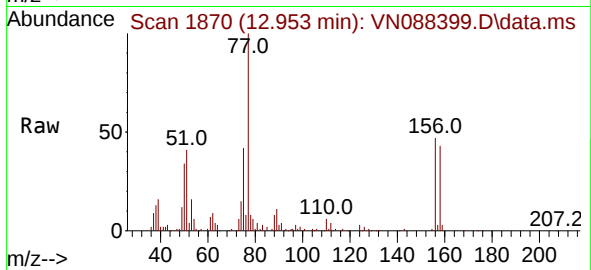
#77
Bromobenzene
Concen: 16.742 ug/l
RT: 12.953 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

Tgt Ion:156 Resp: 63394
Ion Ratio Lower Upper
156 100
77 233.3 121.6 364.7
158 94.6 48.6 145.8

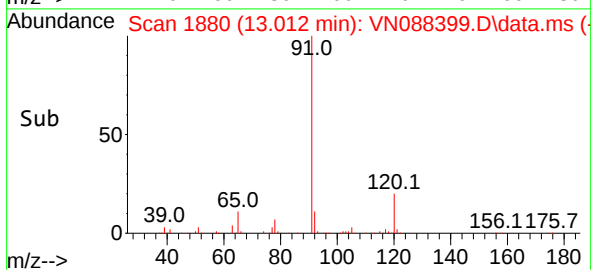
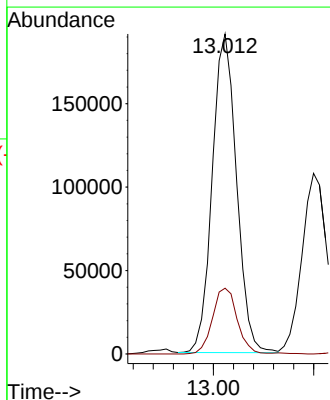
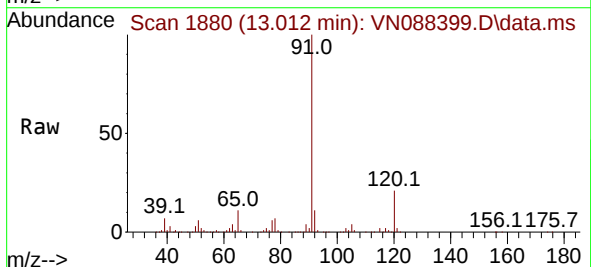
Manual Integrations
APPROVED

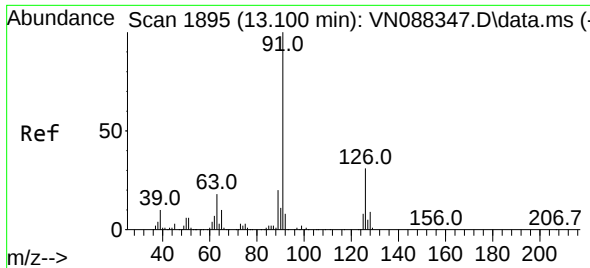
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#78
n-propylbenzene
Concen: 15.855 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

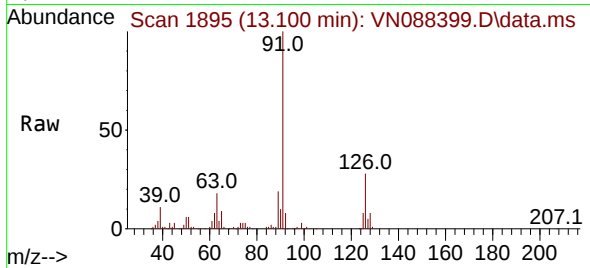
Tgt Ion: 91 Resp: 320982
Ion Ratio Lower Upper
91 100
120 21.0 10.9 32.6





#79
2-Chlorotoluene
Concen: 15.505 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

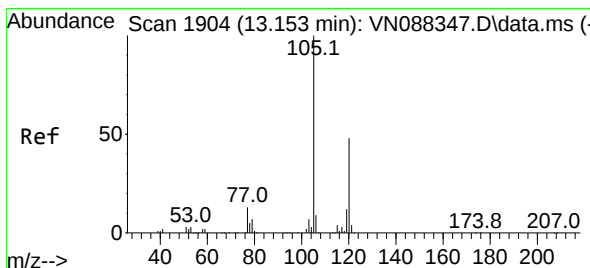
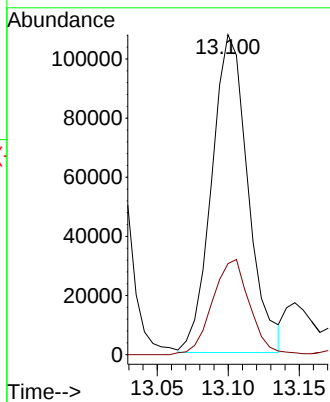
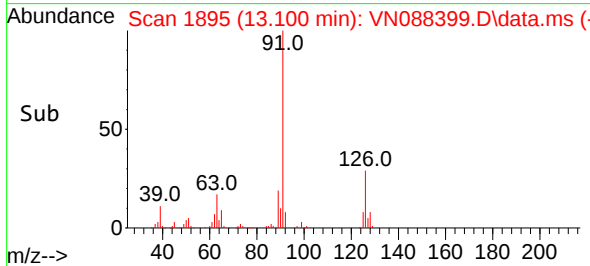
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



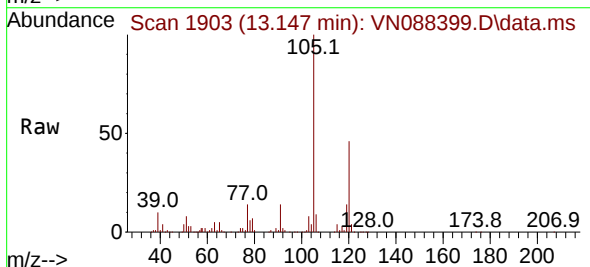
Tgt Ion: 91 Resp: 191692
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9

Manual Integrations
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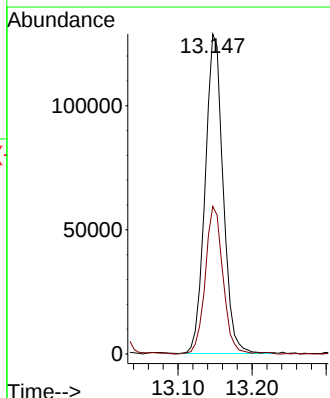
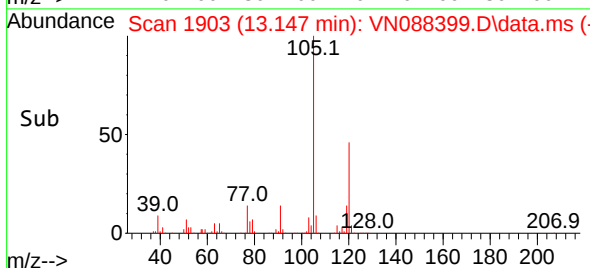
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

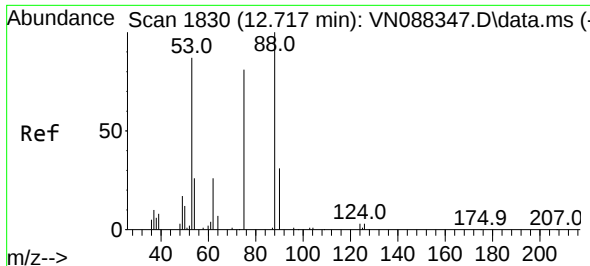


#80
1,3,5-Trimethylbenzene
Concen: 15.764 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01



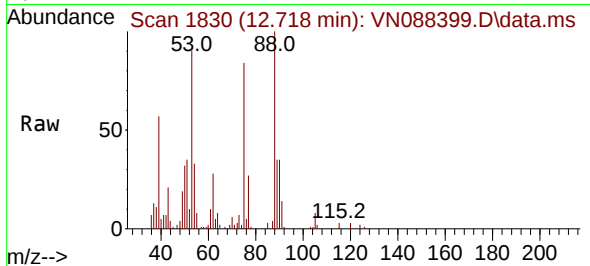
Tgt Ion:105 Resp: 216171
Ion Ratio Lower Upper
105 100
120 45.6 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 15.044 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

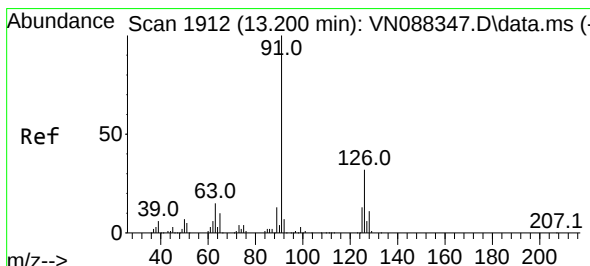
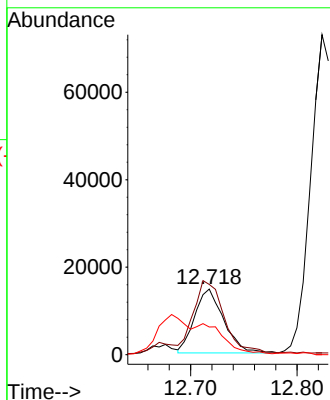
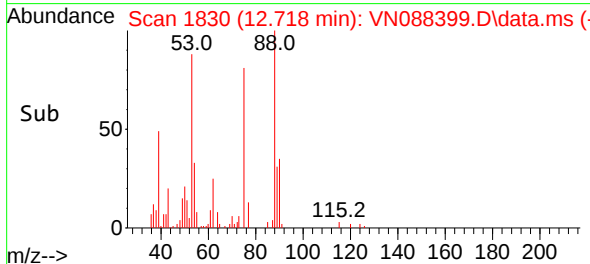
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



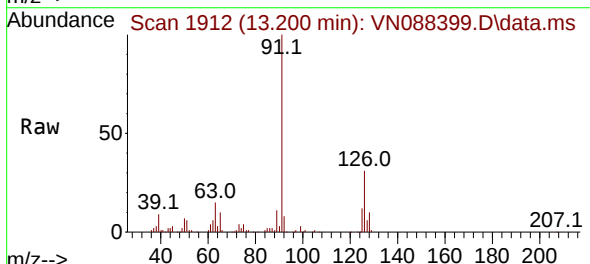
Tgt Ion: 75 Resp: 27798
Ion Ratio Lower Upper
75 100
53 118.9 92.2 138.4
89 0.0 0.0 0.0

Manual Integrations
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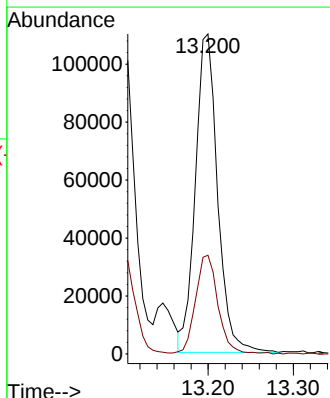
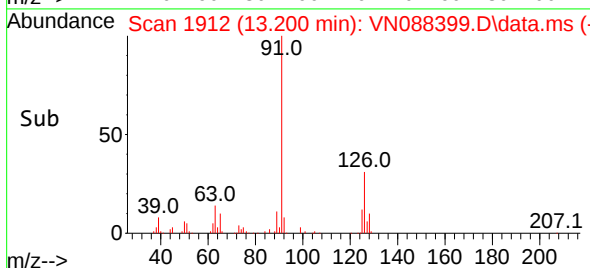
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

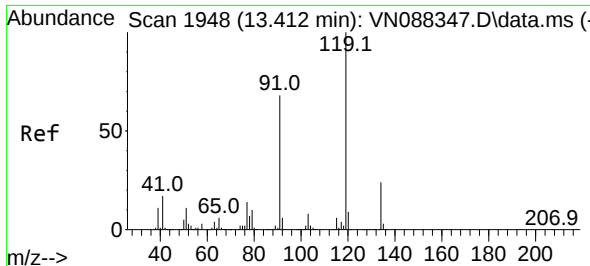


#82
4-Chlorotoluene
Concen: 16.210 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01



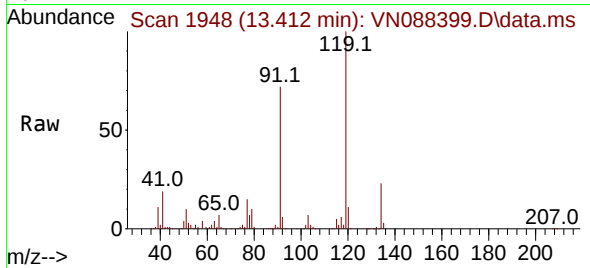
Tgt Ion: 91 Resp: 199053
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7





#83
tert-Butylbenzene
Concen: 15.105 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

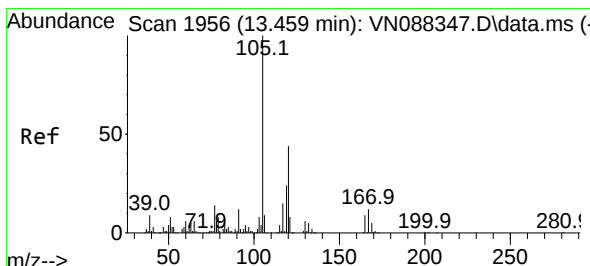
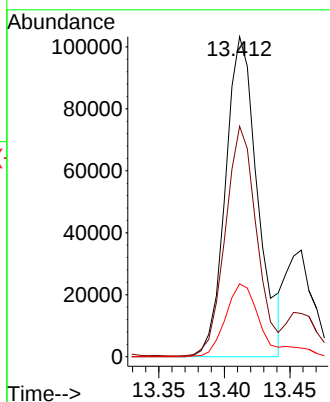
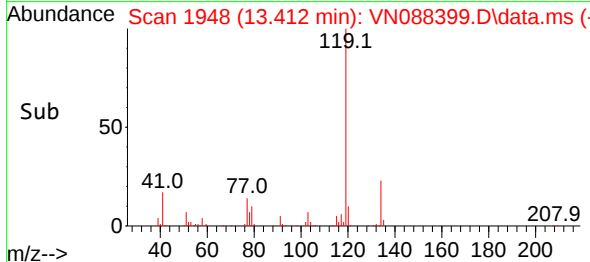
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion:119 Resp: 17607
Ion Ratio Lower Upper
119 100
91 70.2 35.1 105.3
134 25.6 12.8 38.4

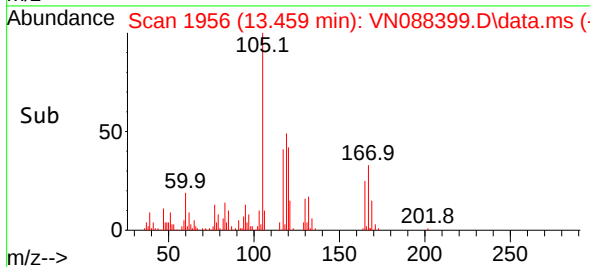
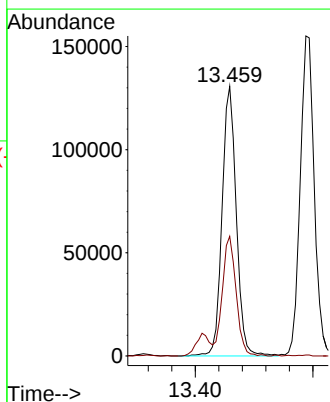
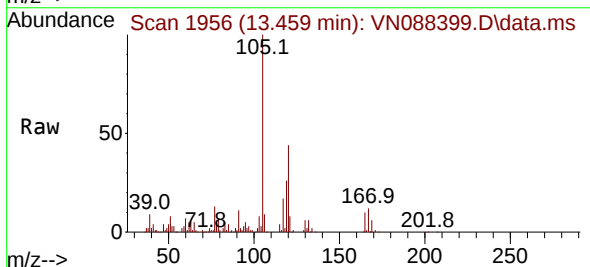
Manual Integrations
APPROVED

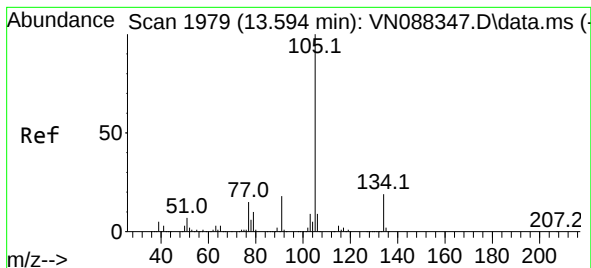
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#84
1,2,4-Trimethylbenzene
Concen: 16.142 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion:105 Resp: 220020
Ion Ratio Lower Upper
105 100
120 43.0 22.1 66.1





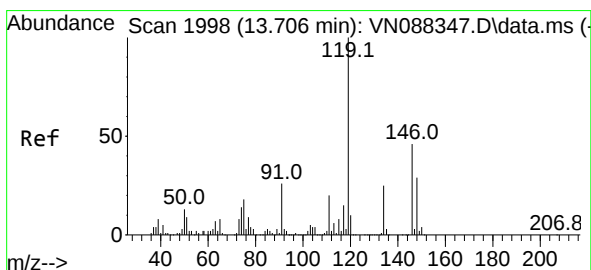
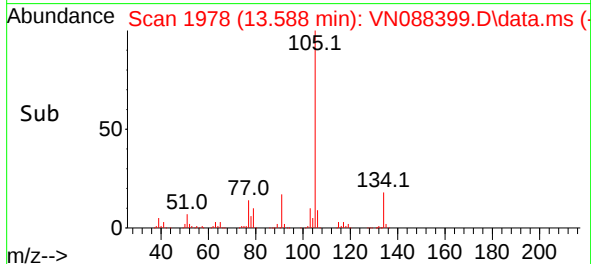
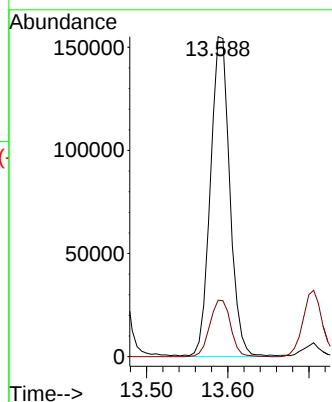
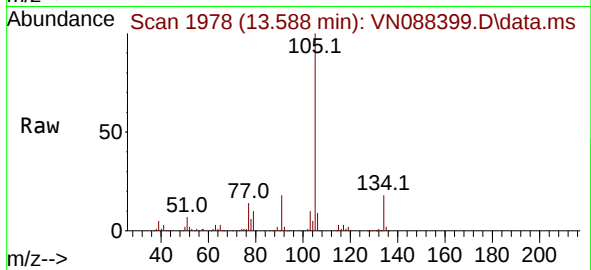
#85
 sec-Butylbenzene
 Concen: 15.337 ug/l
 RT: 13.588 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VN088399.D
 Acq: 02 Dec 2025 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS01

Tgt Ion:105 Resp: 256840
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5

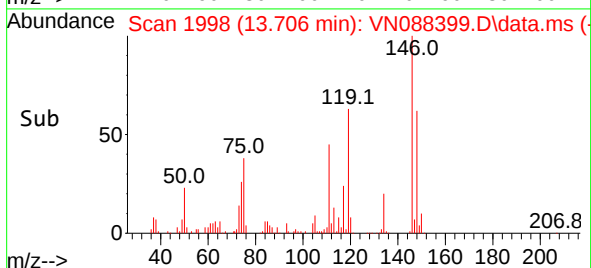
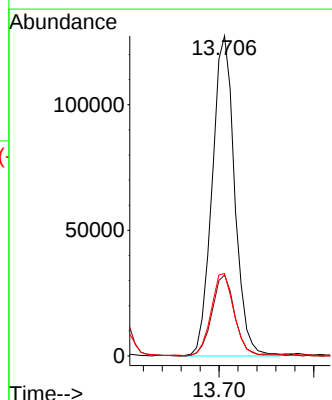
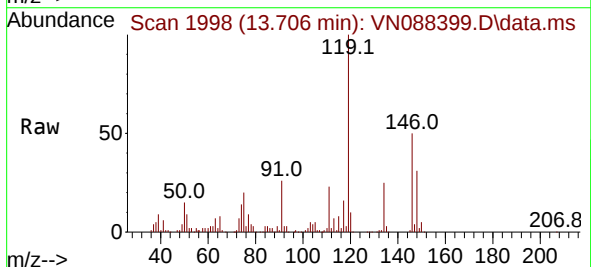
Manual Integrations
 APPROVED

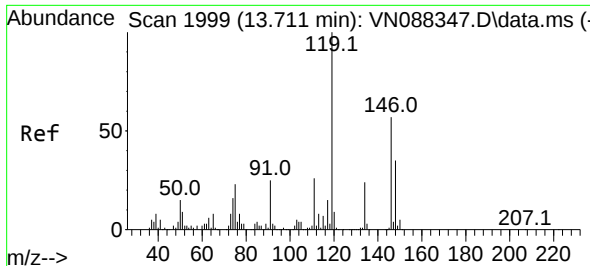
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#86
 p-Isopropyltoluene
 Concen: 15.279 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088399.D
 Acq: 02 Dec 2025 11:01

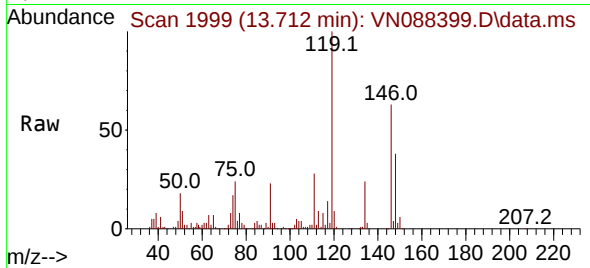
Tgt Ion:119 Resp: 209816
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.2 36.6
 91 26.5 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 15.600 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

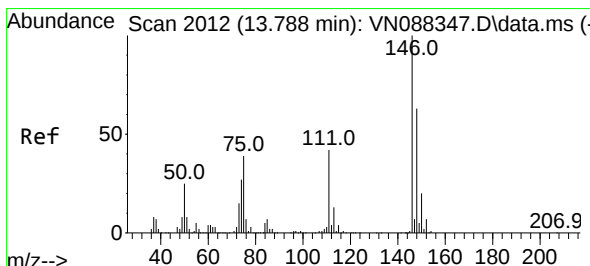
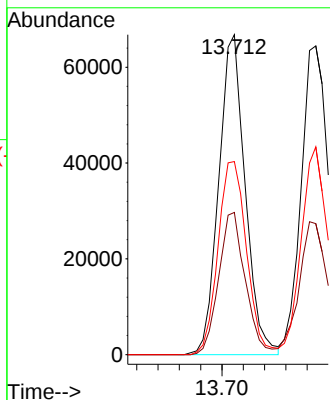
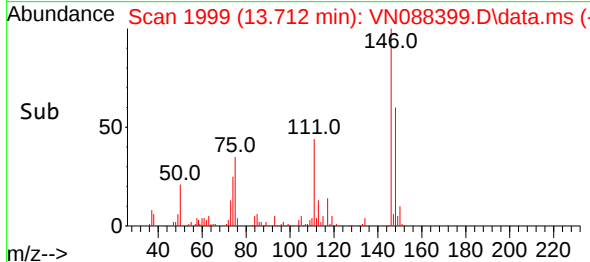
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



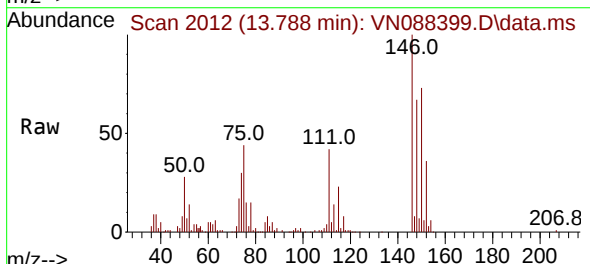
Tgt Ion:146 Resp: 11498
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 65.4 31.6 94.8

Manual Integrations
APPROVED

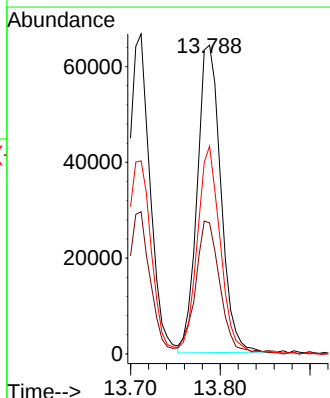
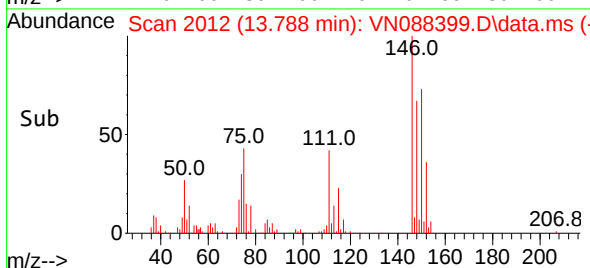
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

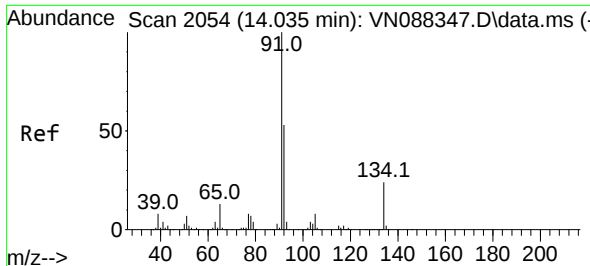


#88
1,4-Dichlorobenzene
Concen: 15.202 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01



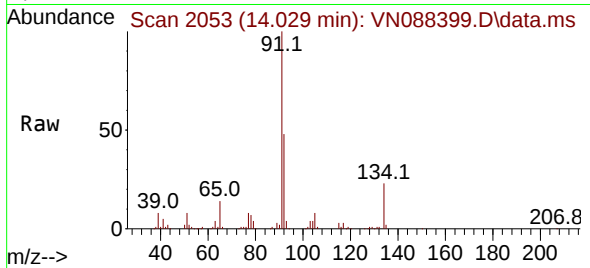
Tgt Ion:146 Resp: 117375
Ion Ratio Lower Upper
146 100
111 45.5 21.6 64.6
148 64.1 31.0 93.0





#89
n-Butylbenzene
Concen: 14.784 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

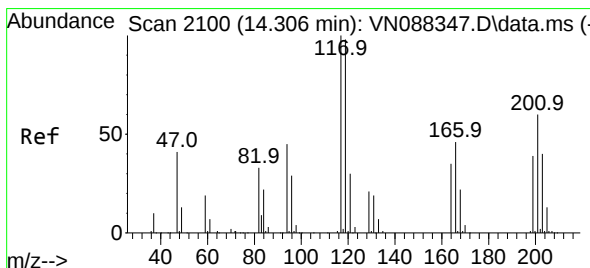
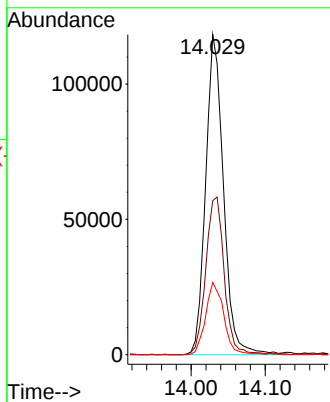
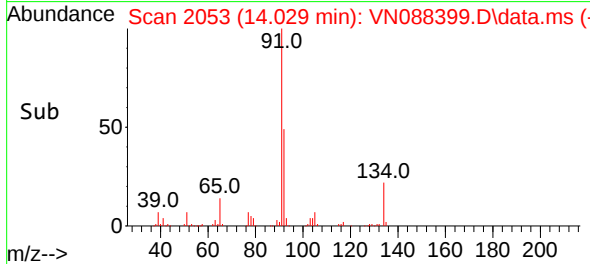
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion: 91 Resp: 197120
Ion Ratio Lower Upper
91 100
92 51.3 26.1 78.3
134 23.1 11.7 35.1

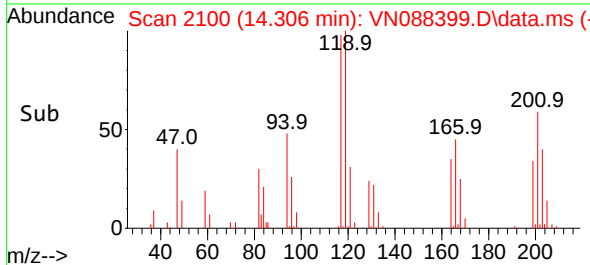
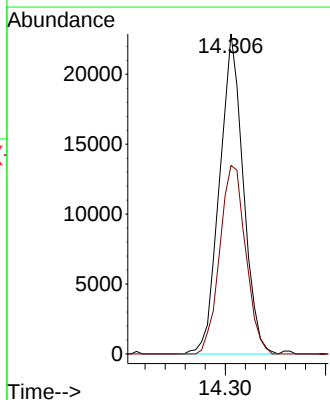
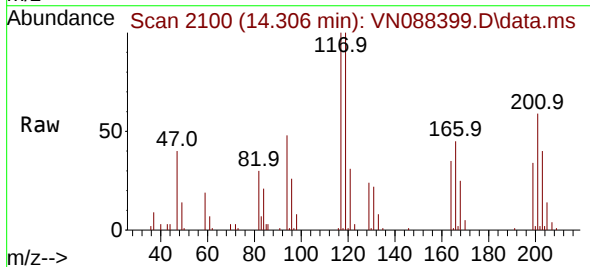
Manual Integrations
APPROVED

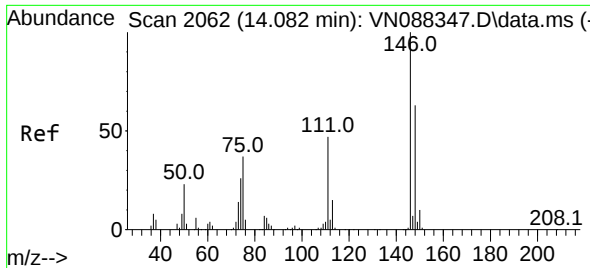
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#90
Hexachloroethane
Concen: 14.965 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

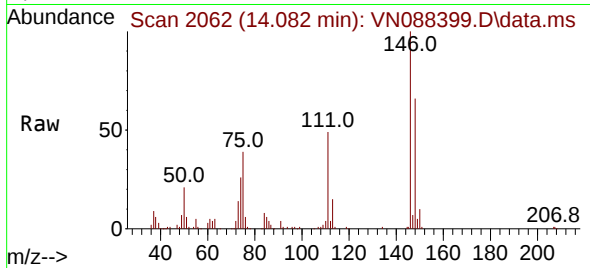
Tgt Ion:117 Resp: 37541
Ion Ratio Lower Upper
117 100
201 64.6 30.3 90.9





#91
1,2-Dichlorobenzene
Concen: 15.732 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

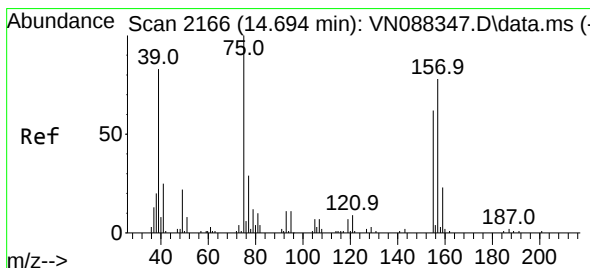
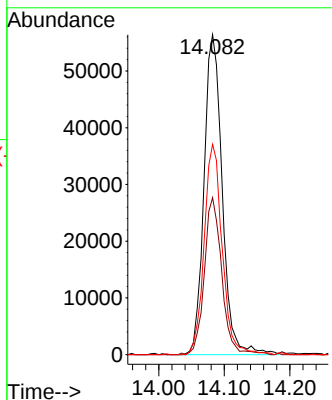
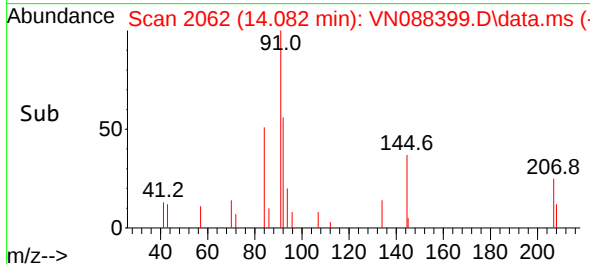
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



Tgt Ion:146 Resp: 109119
Ion Ratio Lower Upper
146 100
111 46.9 23.3 69.9
148 65.2 31.8 95.4

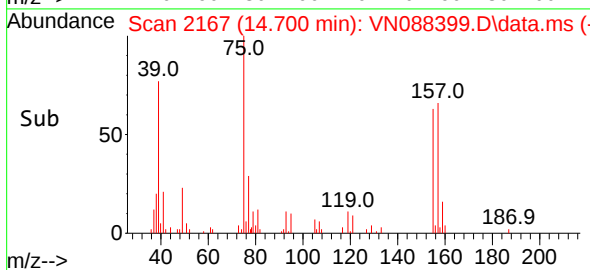
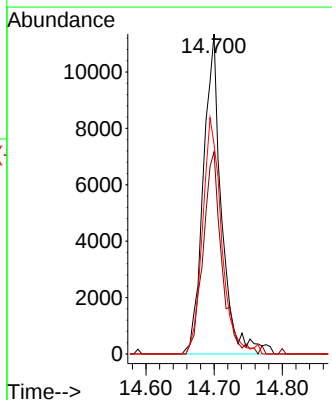
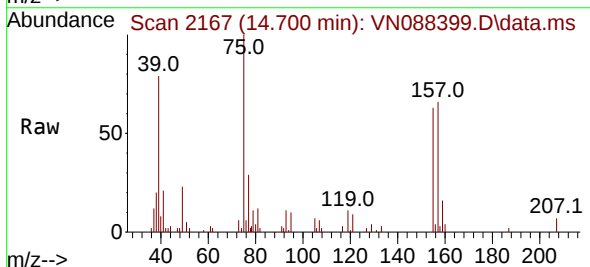
Manual Integrations
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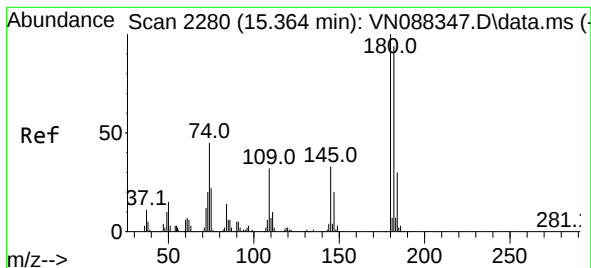
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.272 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

Tgt Ion: 75 Resp: 21121
Ion Ratio Lower Upper
75 100
155 64.2 33.7 101.1
157 77.3 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 15.224 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

Tgt Ion:180 Resp: 6274

Ion Ratio Lower Upper

180 100

182 91.7 46.1 138.2

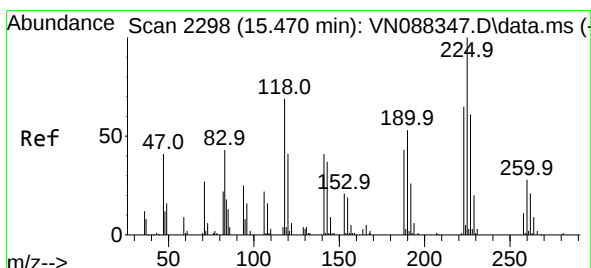
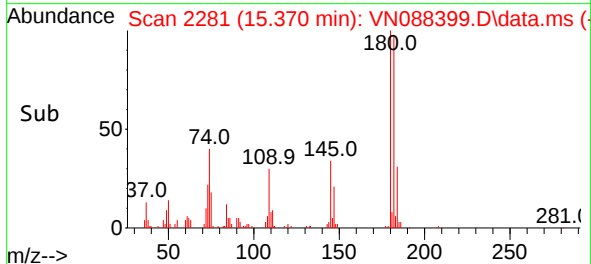
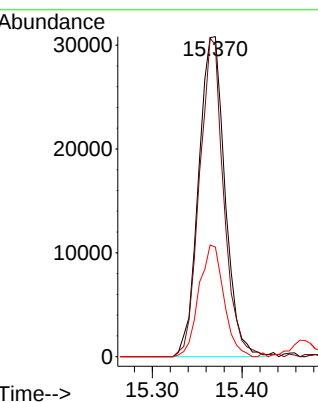
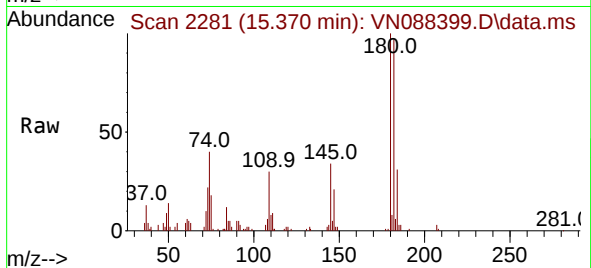
145 33.1 16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#94

Hexachlorobutadiene

Concen: 14.997 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088399.D

Acq: 02 Dec 2025 11:01

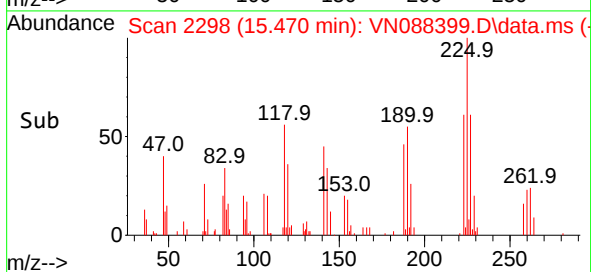
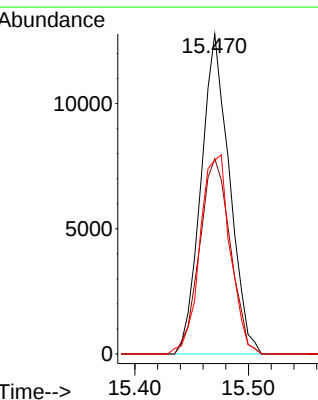
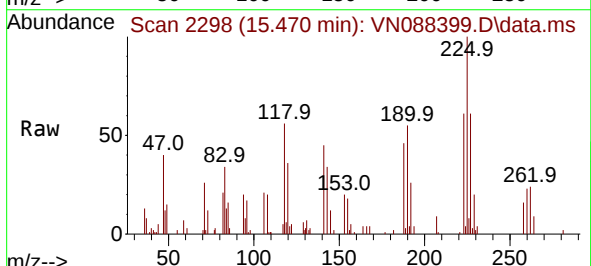
Tgt Ion:225 Resp: 22210

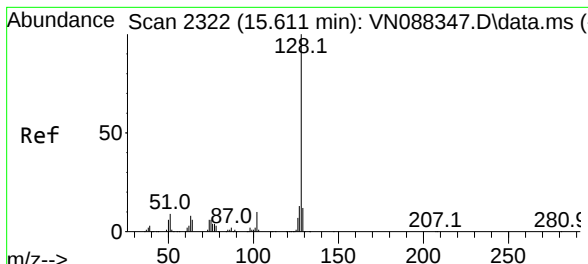
Ion Ratio Lower Upper

225 100

223 65.8 32.3 96.8

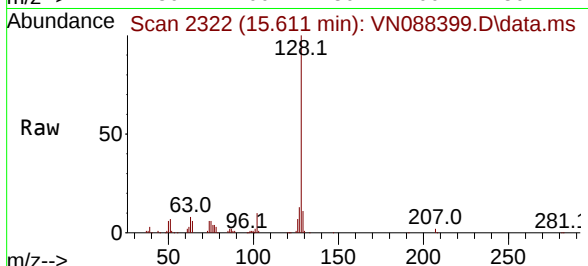
227 66.2 29.9 89.8





#95
Naphthalene
Concen: 14.360 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01

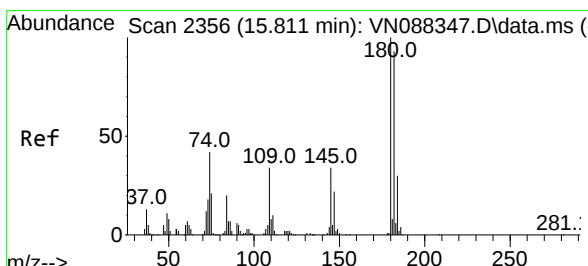
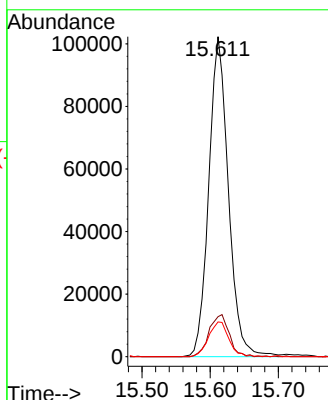
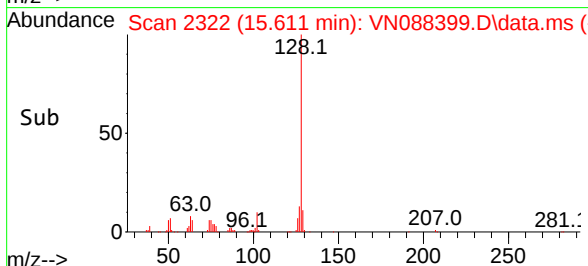
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01



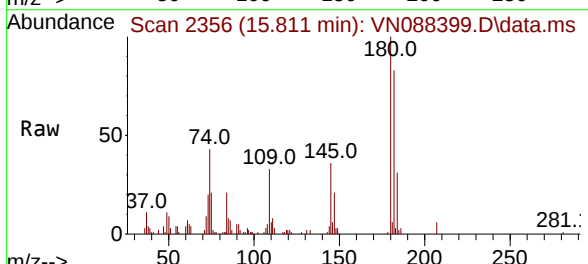
Tgt Ion:128 Resp: 205079
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.2 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.220 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088399.D
Acq: 02 Dec 2025 11:01



Tgt Ion:180 Resp: 61044
Ion Ratio Lower Upper
180 100
182 89.5 45.9 137.7
145 37.3 17.8 53.4

