

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088400.D
 Acq On : 02 Dec 2025 11:34
 Operator : JC\MD
 Sample : VN1202WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS02

Quant Time: Dec 03 01:25:47 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	245156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	446464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	396309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	188408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	240662	52.111	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.220%			
35) Dibromofluoromethane	8.147	113	161190	52.098	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	10.541	98	580861	50.457	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.920%			
62) 4-Bromofluorobenzene	12.823	95	194910	49.345	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70157	19.053	ug/l	95
3) Chloromethane	2.383	50	74084	18.733	ug/l	97
4) Vinyl Chloride	2.536	62	73356	18.233	ug/l	98
5) Bromomethane	2.983	94	37837	19.540	ug/l	97
6) Chloroethane	3.142	64	46465	18.662	ug/l	98
7) Trichlorofluoromethane	3.518	101	106266	18.793	ug/l	98
8) Diethyl Ether	3.959	74	38646	18.209	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	56672	18.826	ug/l	97
10) Methyl Iodide	4.589	142	50851	17.064	ug/l	94
11) Tert butyl alcohol	5.512	59	57939	78.579	ug/l	97
12) 1,1-Dichloroethene	4.342	96	55427	18.532	ug/l	97
13) Acrolein	4.171	56	70631	100.057	ug/l	98
14) Allyl chloride	5.024	41	97630	17.611	ug/l	98
15) Acrylonitrile	5.706	53	197874	93.015	ug/l	98
16) Acetone	4.424	43	146653	87.806	ug/l	94
17) Carbon Disulfide	4.706	76	181733	18.594	ug/l	97
18) Methyl Acetate	5.024	43	98079	19.728	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	219830	19.617	ug/l	100
20) Methylene Chloride	5.265	84	68202	19.086	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	61577	18.585	ug/l	92
22) Diisopropyl ether	6.653	45	232233	19.622	ug/l	95
23) Vinyl Acetate	6.589	43	948981m	99.519	ug/l	
24) 1,1-Dichloroethane	6.553	63	128842	19.223	ug/l	95
25) 2-Butanone	7.471	43	251629	93.715	ug/l	92
26) 2,2-Dichloropropane	7.471	77	108173	18.698	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	71623	18.601	ug/l	97
28) Bromochloromethane	7.794	49	69751	20.891	ug/l	99
29) Tetrahydrofuran	7.824	42	178128	92.491	ug/l	99
30) Chloroform	7.953	83	129498	19.663	ug/l	99
31) Cyclohexane	8.235	56	114899	18.917	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	108786	18.786	ug/l	98
36) 1,1-Dichloropropene	8.353	75	87696	18.366	ug/l	98
37) Ethyl Acetate	7.547	43	118314	18.844	ug/l	99
38) Carbon Tetrachloride	8.341	117	90553	19.050	ug/l	98
39) Methylcyclohexane	9.577	83	91293	17.874	ug/l	91
40) Benzene	8.582	78	261591	18.666	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	57900	18.619	ug/l	99
42) 1,2-Dichloroethane	8.647	62	108373	20.268	ug/l	99
43) Isopropyl Acetate	8.671	43	183066	19.084	ug/l	99
44) Trichloroethene	9.335	130	59332	17.917	ug/l	88
45) 1,2-Dichloropropane	9.600	63	68444	19.062	ug/l	89
46) Dibromomethane	9.682	93	50750	19.805	ug/l	100
47) Bromodichloromethane	9.865	83	103508	19.797	ug/l	95
48) Methyl methacrylate	9.665	41	84066	19.207	ug/l	97
49) 1,4-Dioxane	9.682	88	19101	343.156	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	563219	99.609	ug/l	99
52) Toluene	10.606	92	157757	19.495	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	100141	18.659	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	107513	19.049	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	62971	20.113	ug/l	96
56) Ethyl methacrylate	10.853	69	96496	19.511	ug/l	96
57) 1,3-Dichloropropane	11.141	76	109205	19.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	274912	96.419	ug/l	99
59) 2-Hexanone	11.176	43	334598	93.936	ug/l	97
60) Dibromochloromethane	11.335	129	68805	19.277	ug/l	98
61) 1,2-Dibromoethane	11.447	107	61736	19.472	ug/l	100
64) Tetrachloroethene	11.082	164	52163	16.603	ug/l	97
65) Chlorobenzene	11.871	112	167678	18.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	57320	19.092	ug/l	97
67) Ethyl Benzene	11.941	91	287588	18.484	ug/l	99
68) m/p-Xylenes	12.047	106	216717	37.568	ug/l	100
69) o-Xylene	12.376	106	99322	18.060	ug/l	98
70) Styrene	12.388	104	172048	19.267	ug/l	99
71) Bromoform	12.559	173	43810	19.922	ug/l #	99
73) Isopropylbenzene	12.670	105	259362	18.618	ug/l	99
74) N-amyl acetate	12.682	43	94838m	19.990	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	89094	19.783	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	90661m	20.545	ug/l	
77) Bromobenzene	12.959	156	61245	19.215	ug/l	95
78) n-propylbenzene	13.012	91	327010	19.188	ug/l	99
79) 2-Chlorotoluene	13.100	91	195499	18.785	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	219187	18.988	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	28811	18.522	ug/l #	100
82) 4-Chlorotoluene	13.200	91	199887	19.337	ug/l	99
83) tert-Butylbenzene	13.412	119	183448	18.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	225422	19.647	ug/l	97
85) sec-Butylbenzene	13.588	105	270952	19.220	ug/l	99
86) p-Isopropyltoluene	13.706	119	223655	19.348	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	116423	18.764	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	121526	18.698	ug/l	96
89) n-Butylbenzene	14.029	91	209256	18.644	ug/l	99
90) Hexachloroethane	14.306	117	41518	19.661	ug/l	98
91) 1,2-Dichlorobenzene	14.088	146	109481	18.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20576	18.831	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	62996	18.158	ug/l	96
94) Hexachlorobutadiene	15.476	225	24005	19.255	ug/l	98
95) Naphthalene	15.611	128	214287	17.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	62555	18.528	ug/l	99

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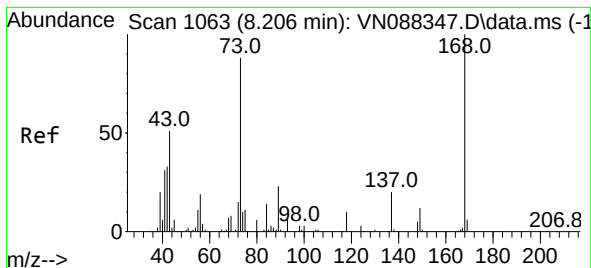
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

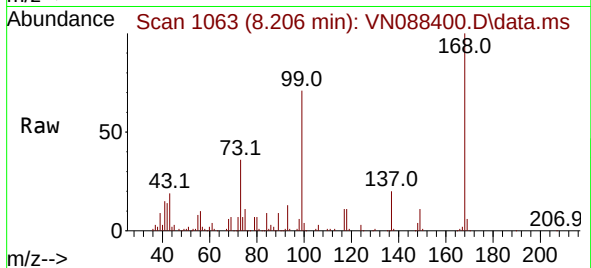
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088400.D
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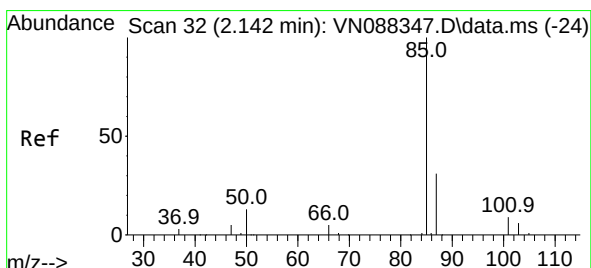
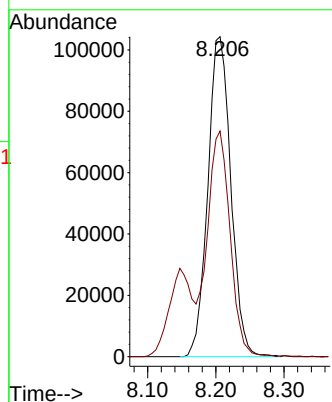
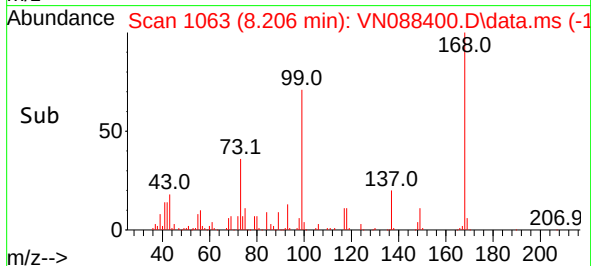
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion:168 Resp: 245150
Ion Ratio Lower Upper
168 100
99 70.3 57.1 85.7

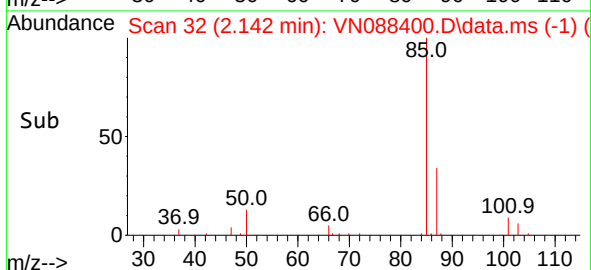
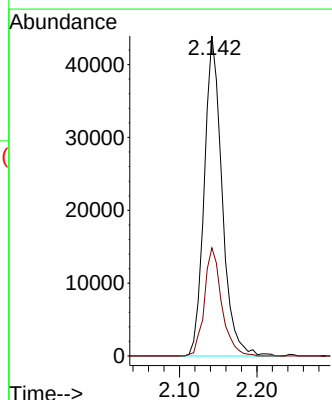
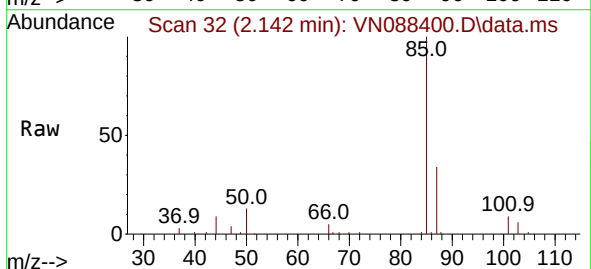
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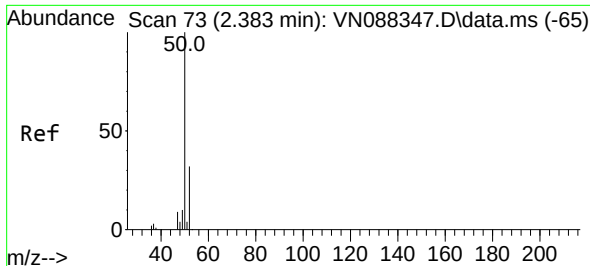
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#2
Dichlorodifluoromethane
Concen: 19.053 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

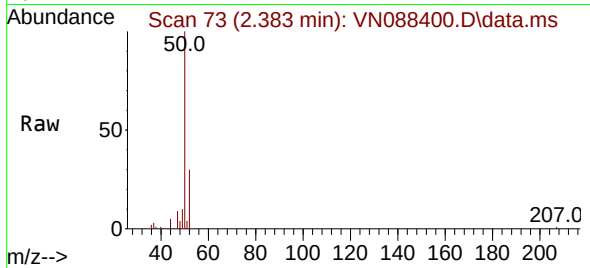
Tgt Ion: 85 Resp: 70157
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.7





#3
Chloromethane
Concen: 18.733 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

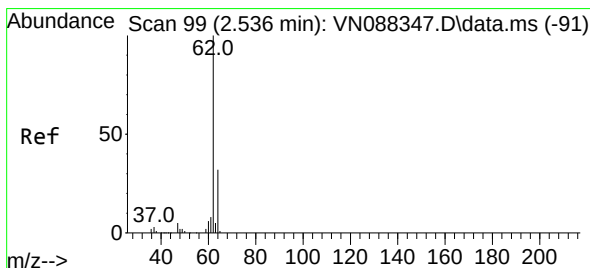
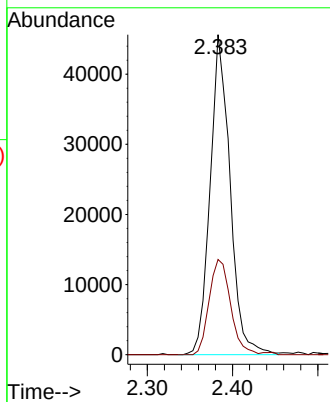
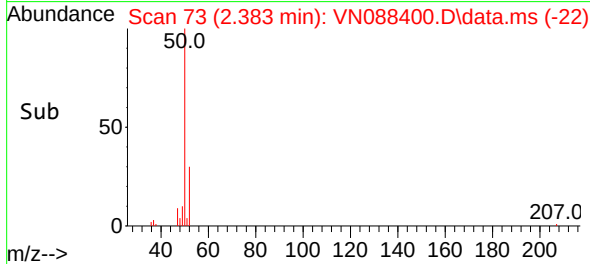
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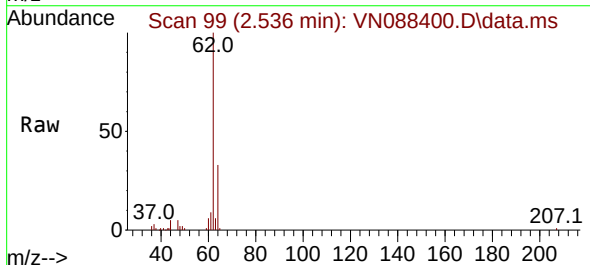
Tgt Ion: 50 Resp: 74084
Ion Ratio Lower Upper
50 100
52 29.8 25.2 37.8

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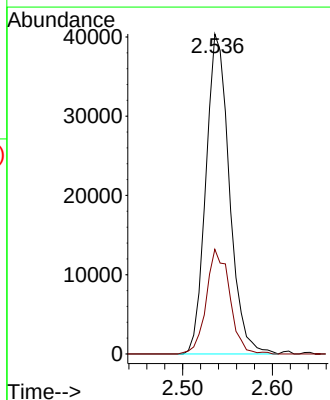
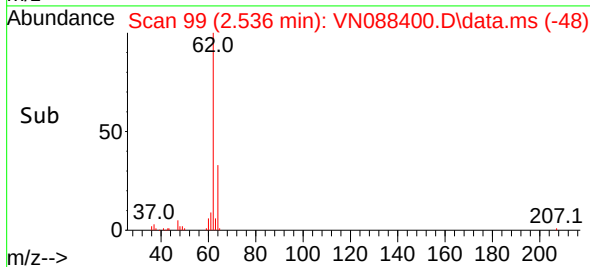
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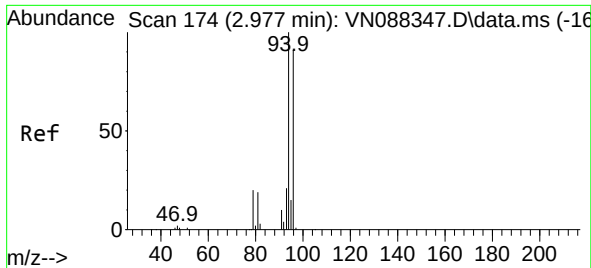


#4
Vinyl Chloride
Concen: 18.233 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



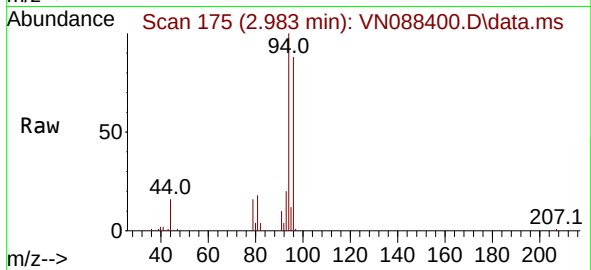
Tgt Ion: 62 Resp: 73356
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2





#5
Bromomethane
Concen: 19.540 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

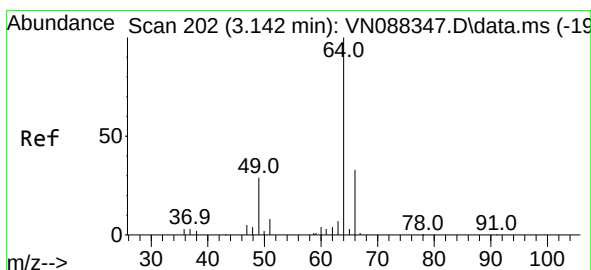
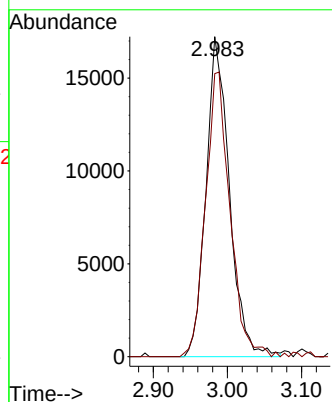
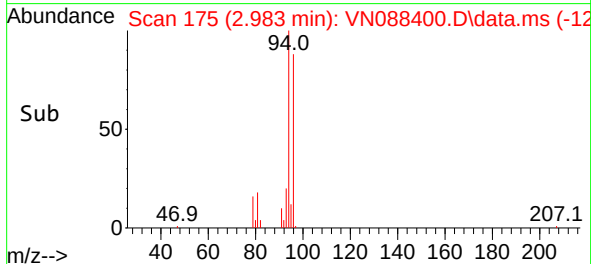
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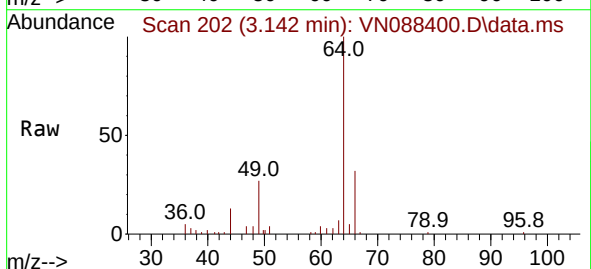
Tgt Ion: 94 Resp: 3783
Ion Ratio Lower Upper
94 100
96 88.5 73.2 109.8

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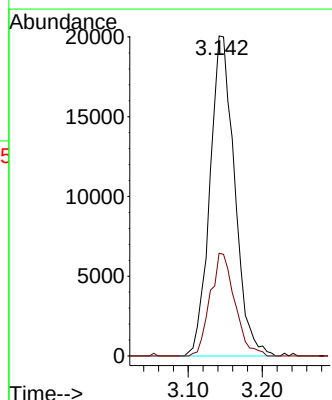
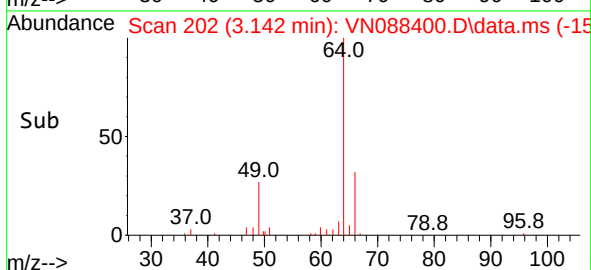
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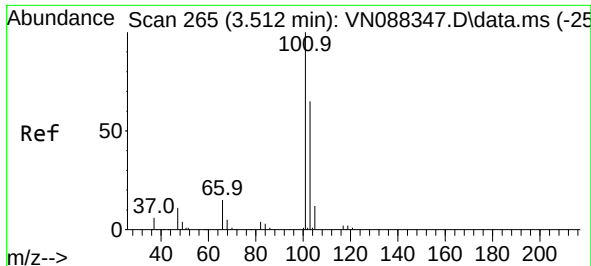


#6
Chloroethane
Concen: 18.662 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088400.D
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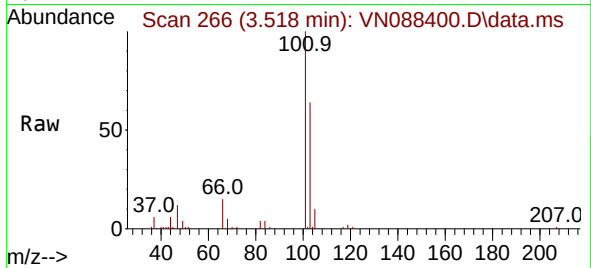
Tgt Ion: 64 Resp: 46465
Ion Ratio Lower Upper
64 100
66 32.1 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 18.793 ug/l
 RT: 3.518 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN088400.D
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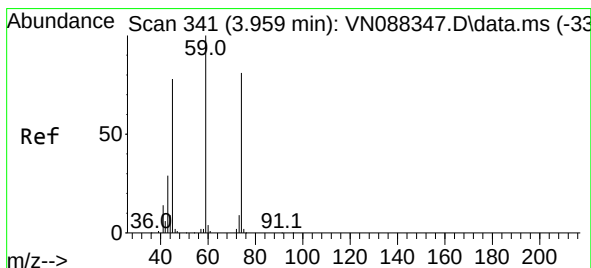
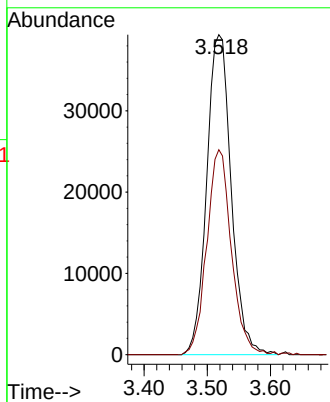
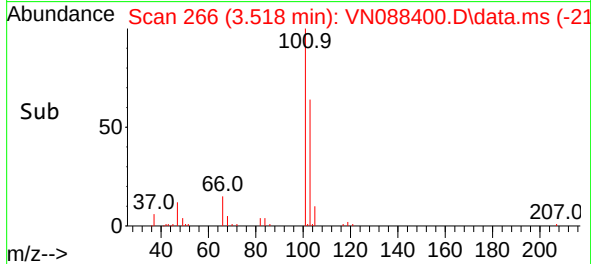
Instrument :
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Tgt Ion:101 Resp: 106260
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5

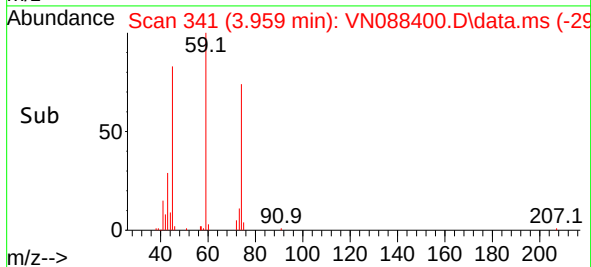
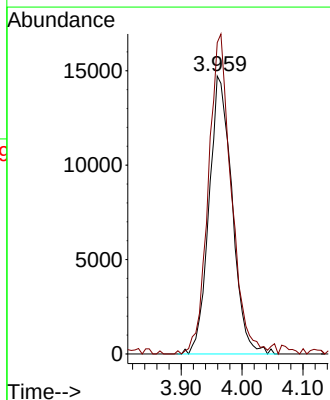
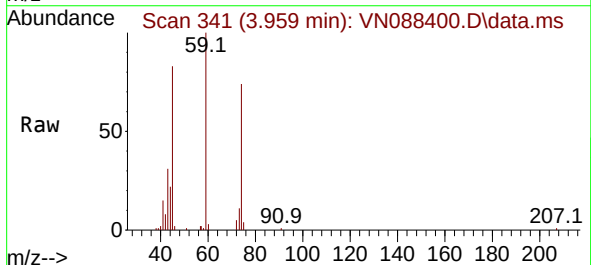
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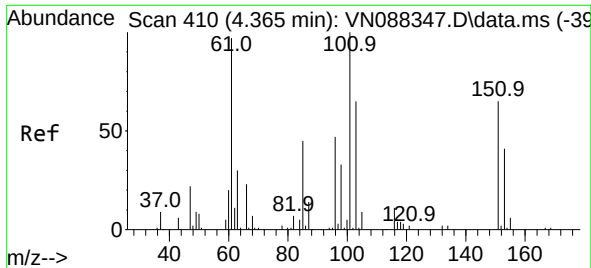
Reviewed By :John Carlone 12/03/2025
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#8
 Diethyl Ether
 Concen: 18.209 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 38646
 Ion Ratio Lower Upper
 74 100
 45 114.8 54.2 162.6





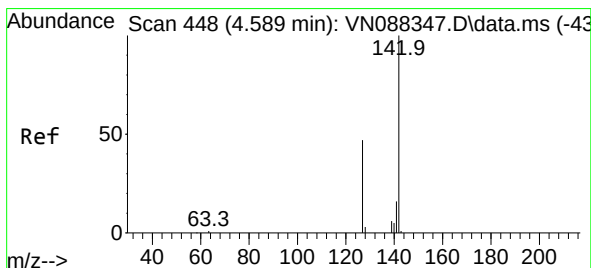
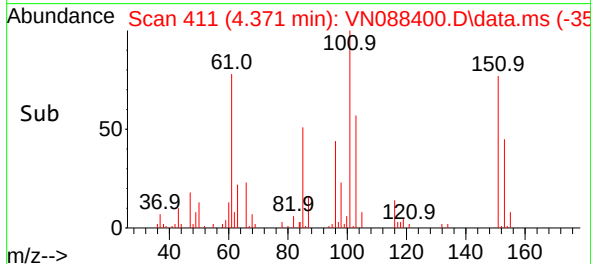
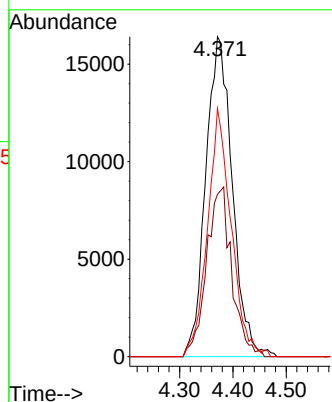
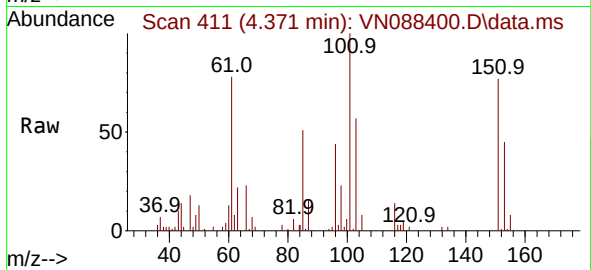
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.826 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

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ClientSampleId :
VN1202WBS02

Tgt Ion:101 Resp: 56672
Ion Ratio Lower Upper
101 100
85 50.5 39.2 58.8
151 69.5 53.6 80.4

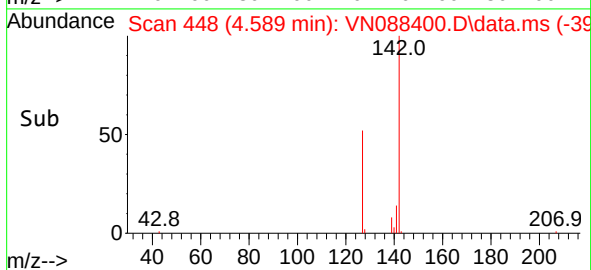
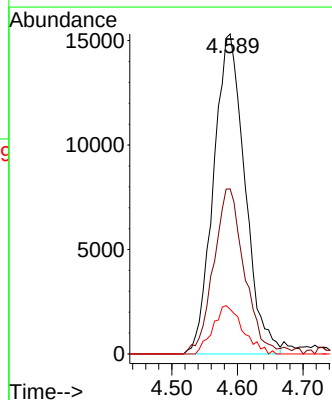
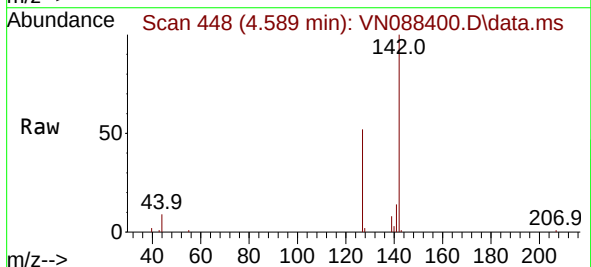
Manual Integrations
APPROVED

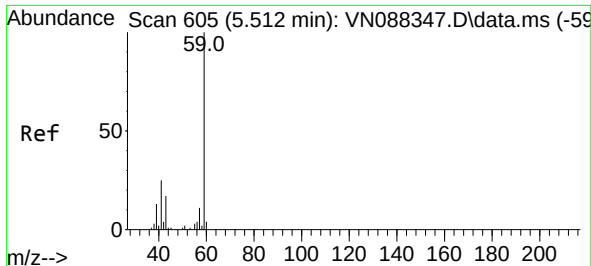
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#10
Methyl Iodide
Concen: 17.064 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

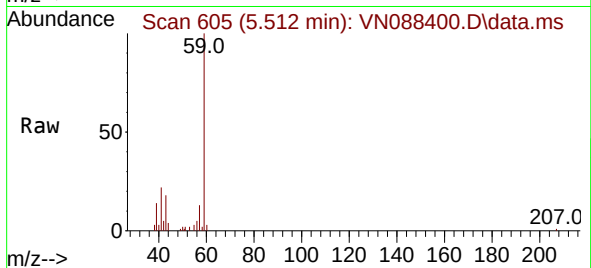
Tgt Ion:142 Resp: 50851
Ion Ratio Lower Upper
142 100
127 51.6 37.9 56.9
141 14.0 12.4 18.6





#11
Tert butyl alcohol
Concen: 78.579 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

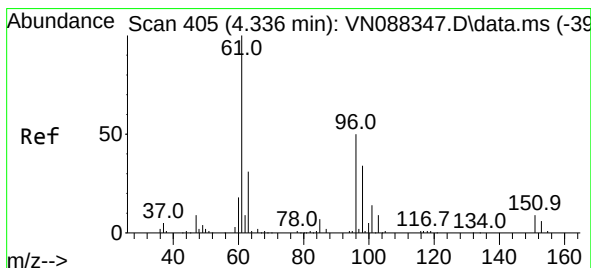
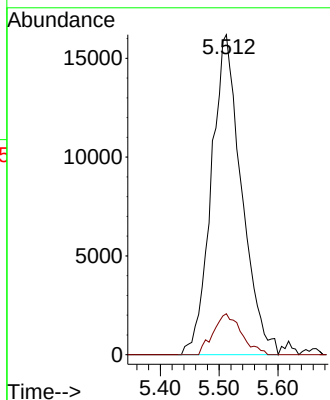
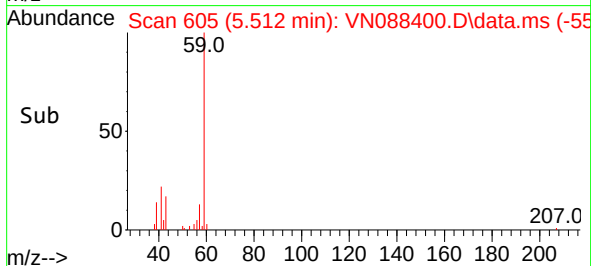
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



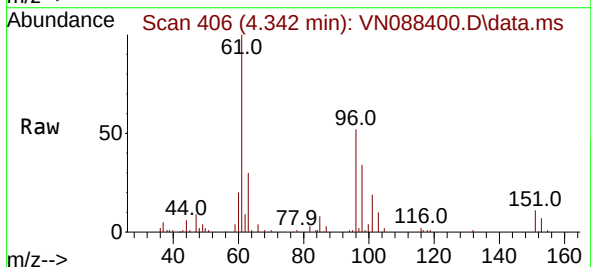
Tgt Ion: 59 Resp: 57939
Ion Ratio Lower Upper
59 100
57 11.9 8.5 12.7

Manual Integrations
APPROVED

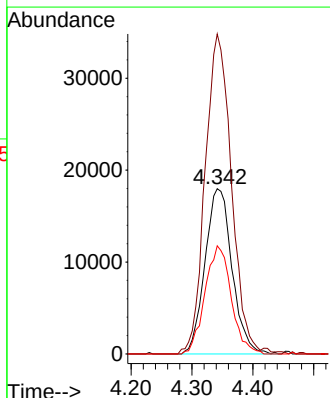
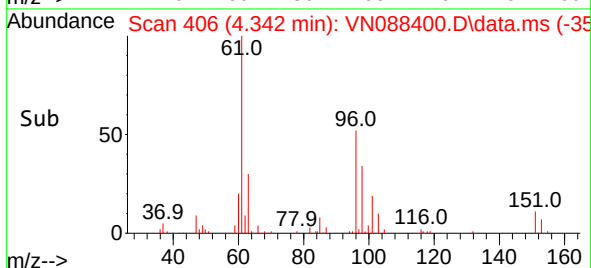
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

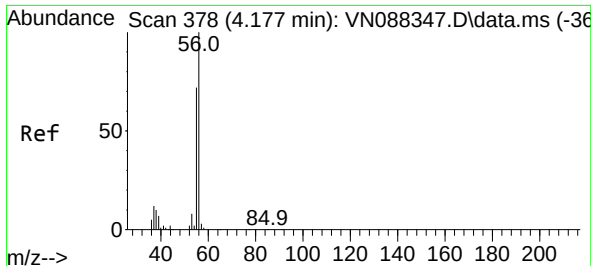


#12
1,1-Dichloroethene
Concen: 18.532 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



Tgt Ion: 96 Resp: 55427
Ion Ratio Lower Upper
96 100
61 193.6 159.1 238.7
98 65.5 53.7 80.5





#13

Acrolein

Concen: 100.057 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS02

Tgt Ion: 56 Resp: 7063

Ion Ratio Lower Upper

56 100

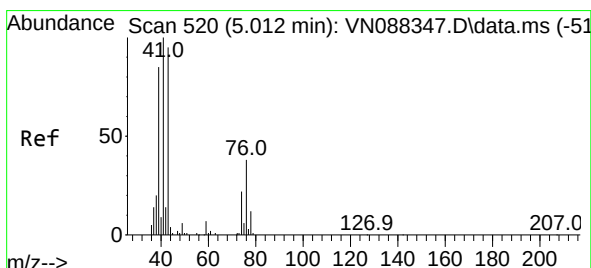
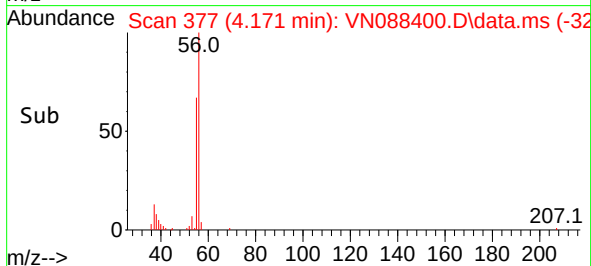
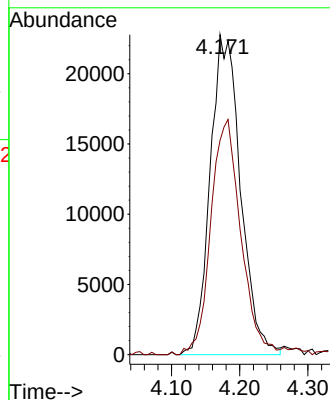
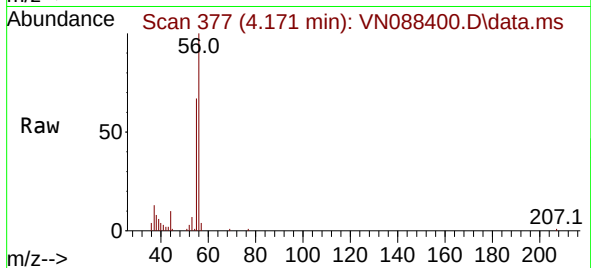
55 72.4 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#14

Allyl chloride

Concen: 17.611 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.012 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

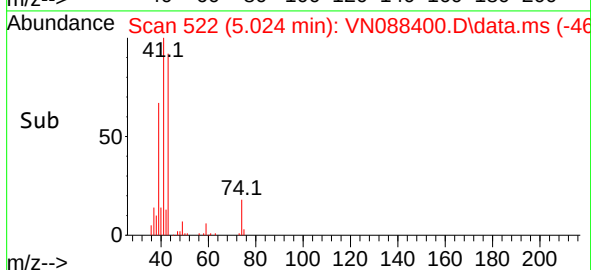
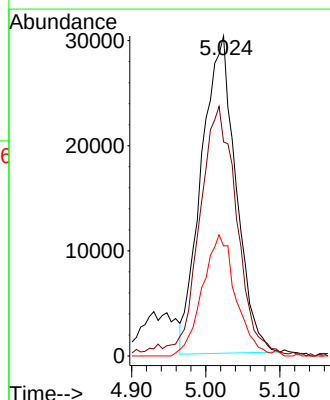
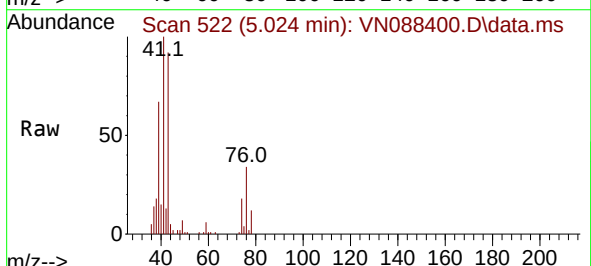
Tgt Ion: 41 Resp: 97630

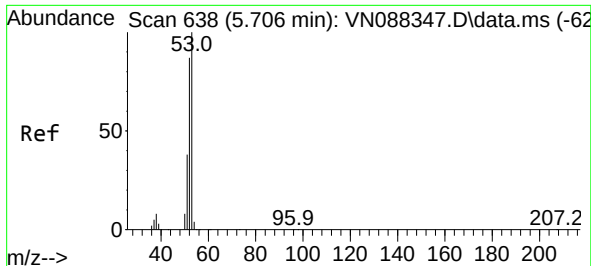
Ion Ratio Lower Upper

41 100

39 82.9 64.7 97.1

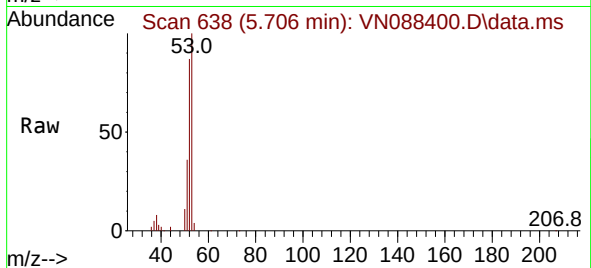
76 37.2 29.1 43.7





#15
Acrylonitrile
Concen: 93.015 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

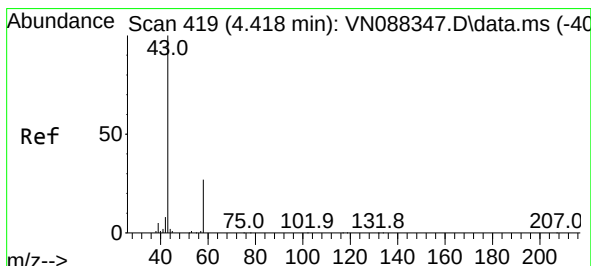
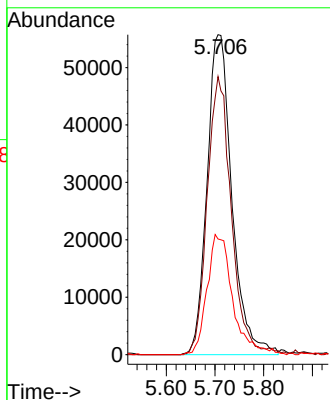
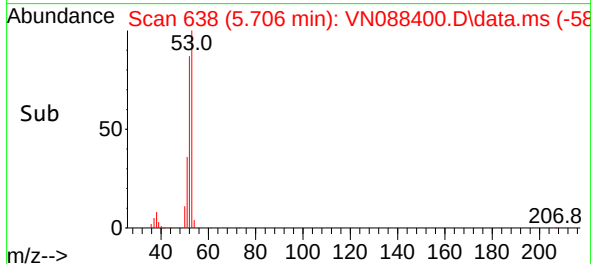
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion: 53 Resp: 197874
Ion Ratio Lower Upper
53 100
52 83.5 67.8 101.6
51 38.6 29.8 44.8

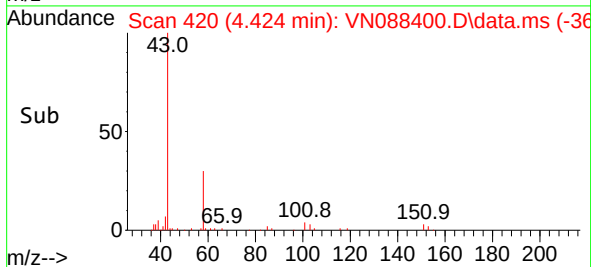
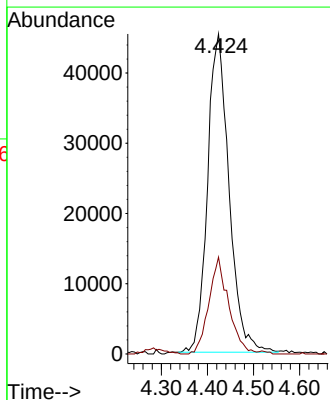
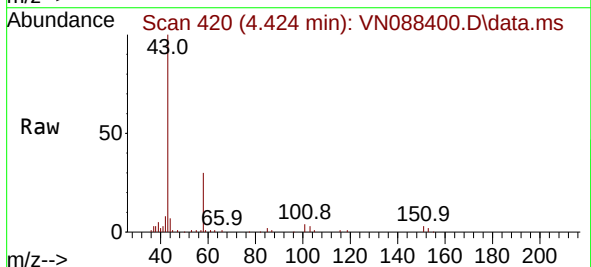
Manual Integrations
APPROVED

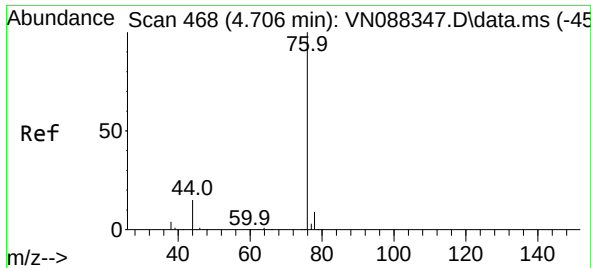
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#16
Acetone
Concen: 87.806 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 43 Resp: 146653
Ion Ratio Lower Upper
43 100
58 30.4 21.7 32.5





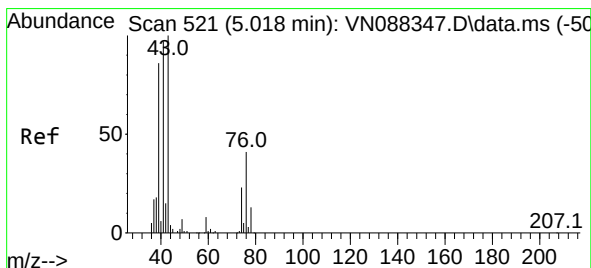
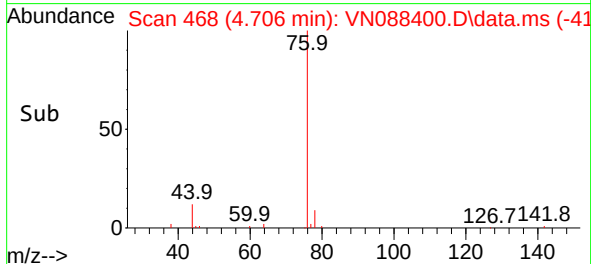
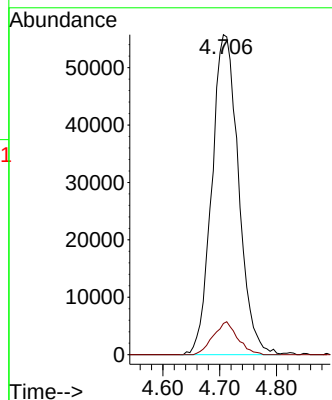
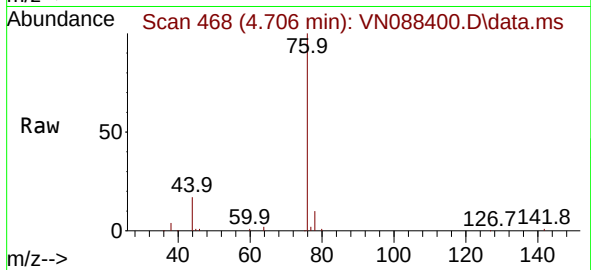
#17
Carbon Disulfide
Concen: 18.594 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02

Tgt Ion: 76 Resp: 18173
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

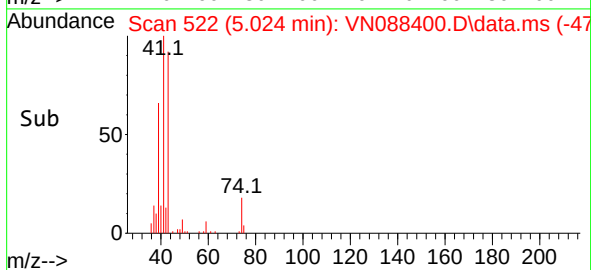
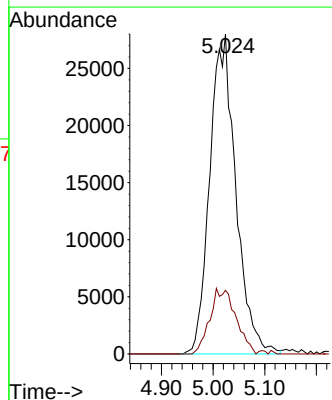
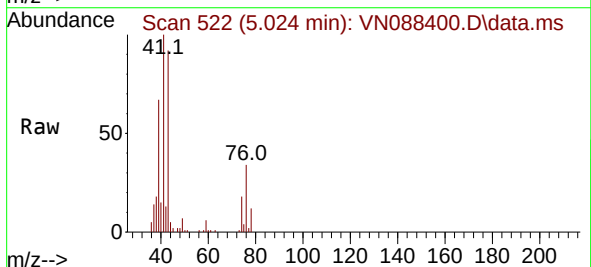
Manual Integrations
APPROVED

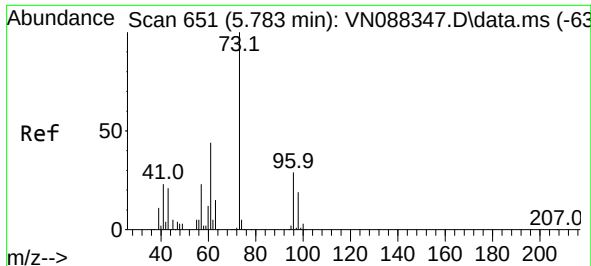
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#18
Methyl Acetate
Concen: 19.728 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 43 Resp: 98079
Ion Ratio Lower Upper
43 100
74 20.3 17.9 26.9





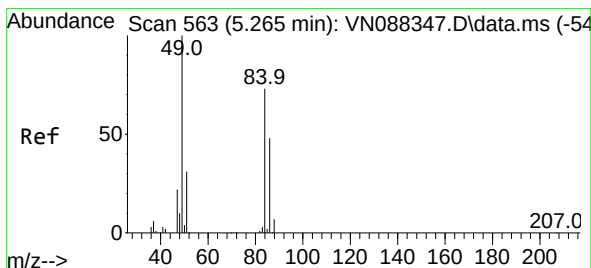
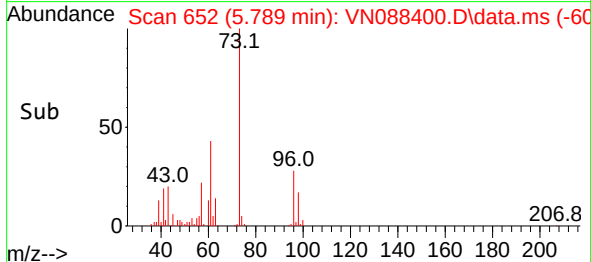
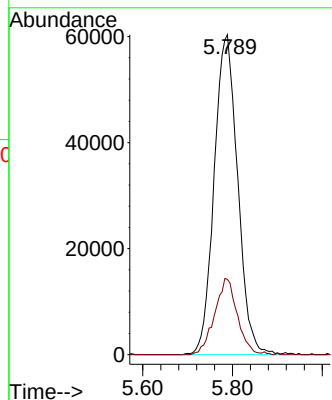
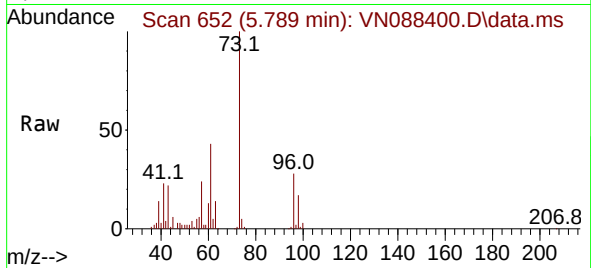
#19
Methyl tert-butyl Ether
Concen: 19.617 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02

Tgt Ion: 73 Resp: 219830
Ion Ratio Lower Upper
73 100
57 23.5 18.6 28.0

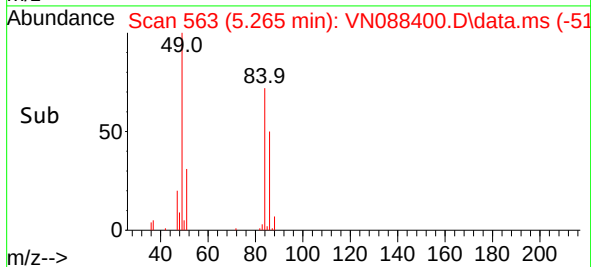
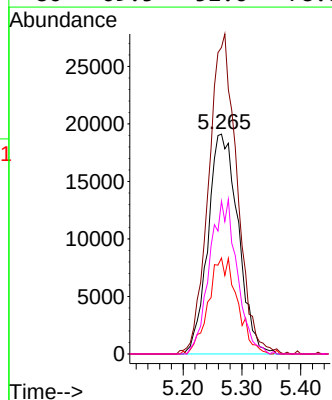
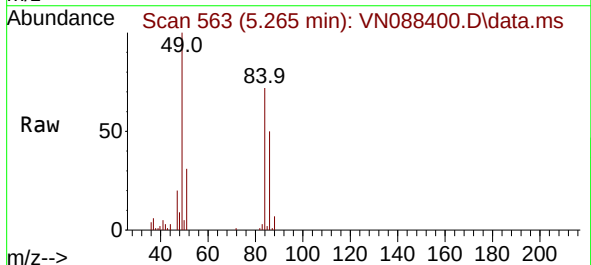
Manual Integrations
APPROVED

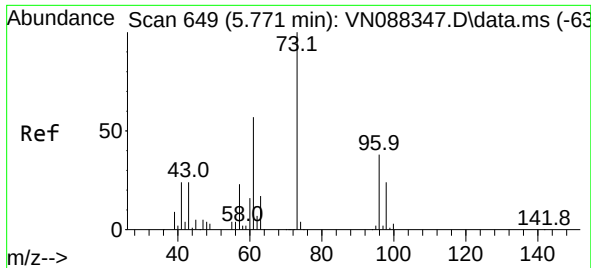
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#20
Methylene Chloride
Concen: 19.086 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 84 Resp: 68202
Ion Ratio Lower Upper
84 100
49 138.7 110.2 165.2
51 43.7 34.1 51.1
86 69.5 52.6 78.8





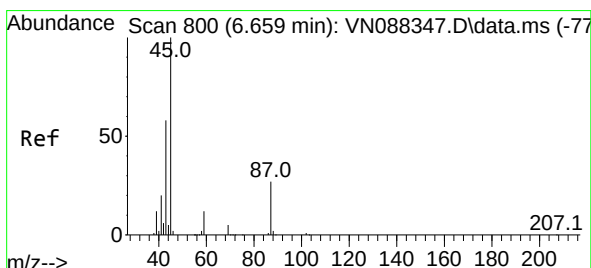
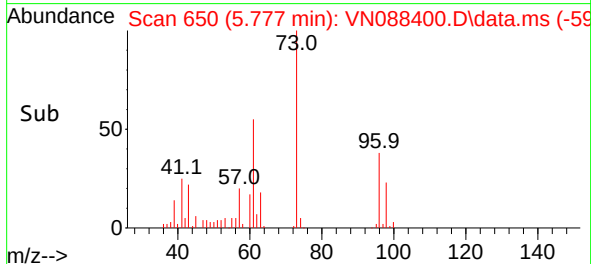
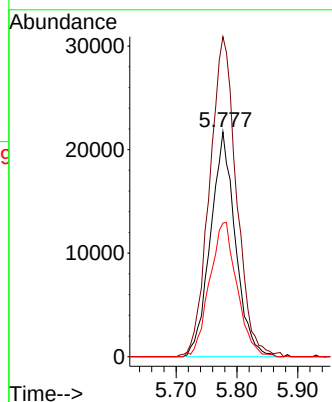
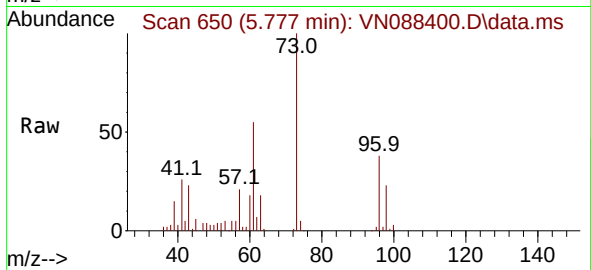
#21
trans-1,2-Dichloroethene
Concen: 18.585 ug/l
RT: 5.777 min Scan# 6157
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02

Tgt Ion: 96 Resp: 6157
Ion Ratio Lower Upper
96 100
61 141.6 122.4 183.6
98 59.4 50.9 76.3

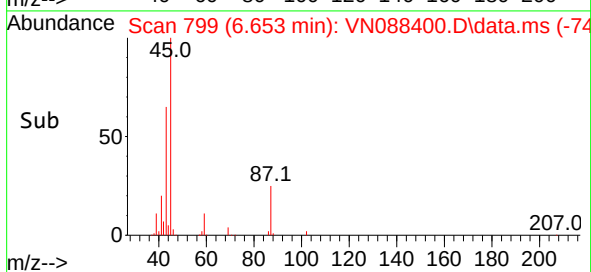
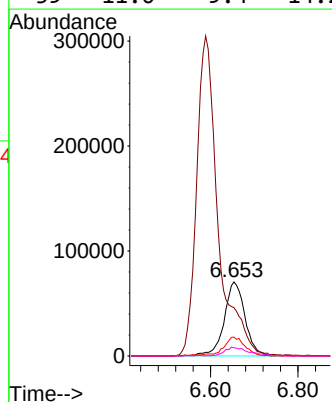
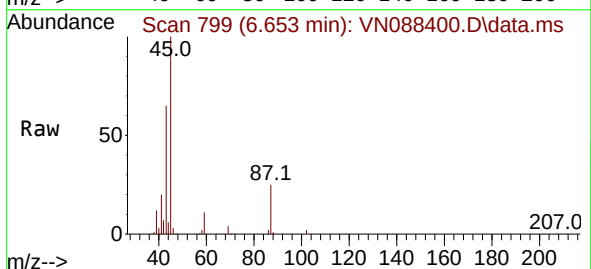
Manual Integrations
APPROVED

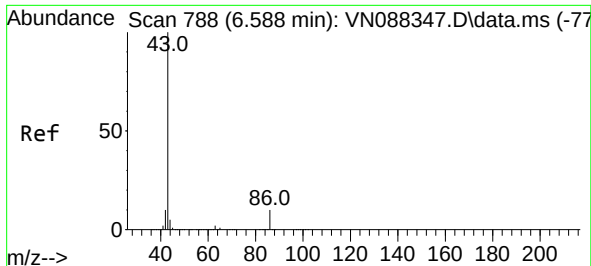
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#22
Diisopropyl ether
Concen: 19.622 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

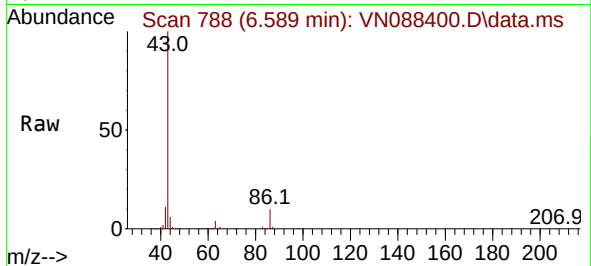
Tgt Ion: 45 Resp: 232233
Ion Ratio Lower Upper
45 100
43 63.7 47.4 71.2
87 25.2 21.9 32.9
59 11.0 9.4 14.2





#23
 Vinyl Acetate
 Concen: 99.519 ug/l m
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

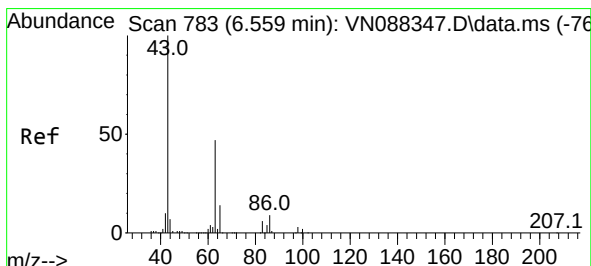
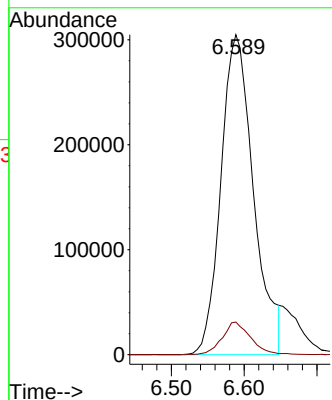
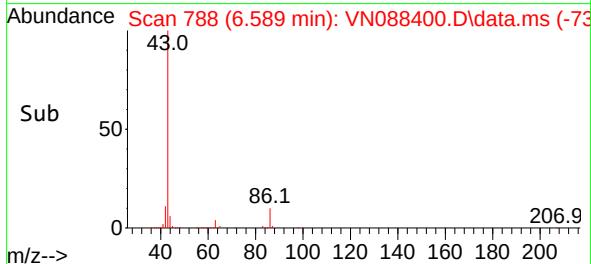
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS02



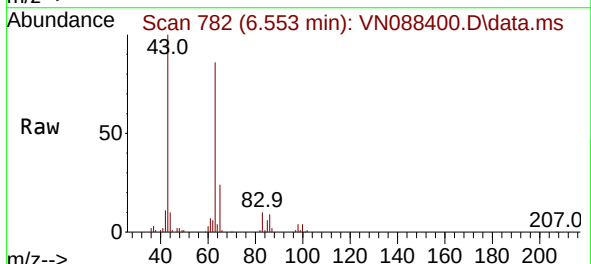
Tgt Ion: 43 Resp: 94898
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8

Manual Integrations
 APPROVED

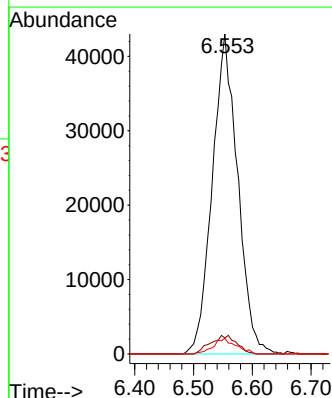
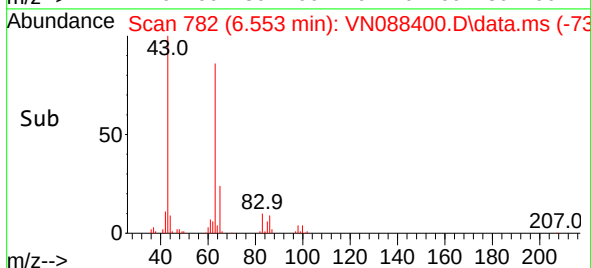
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025

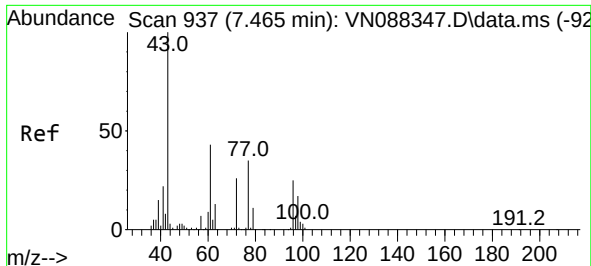


#24
 1,1-Dichloroethane
 Concen: 19.223 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34



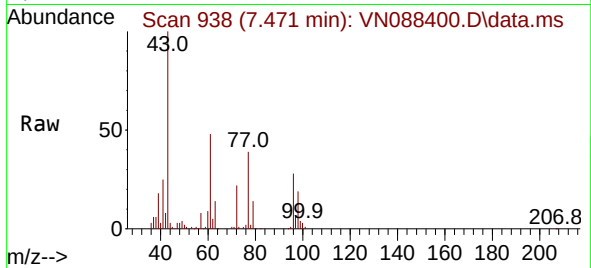
Tgt Ion: 63 Resp: 128842
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.4 10.2
 100 4.9 1.9 5.7





#25
2-Butanone
Concen: 93.715 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

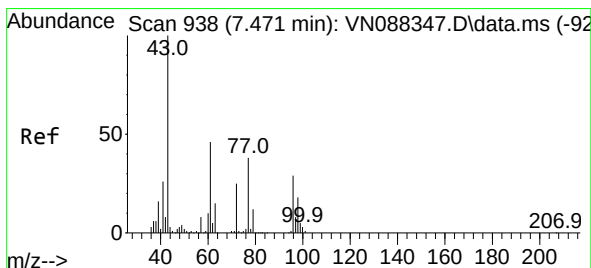
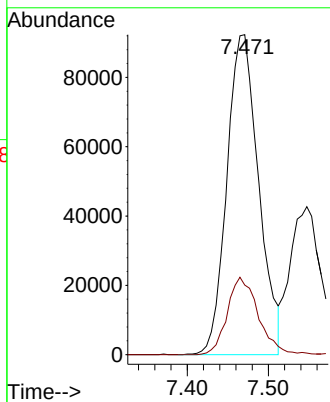
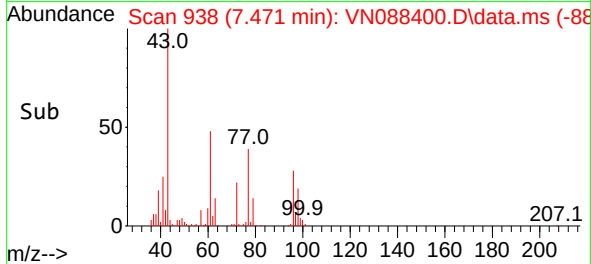
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion: 43 Resp: 251629
Ion Ratio Lower Upper
43 100
72 21.7 20.5 30.7

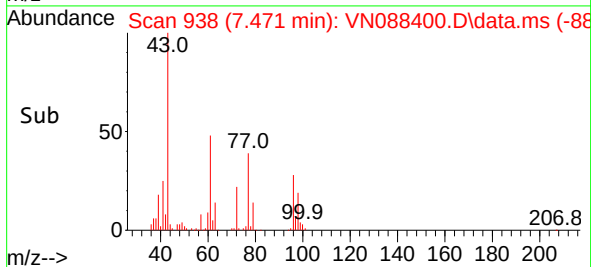
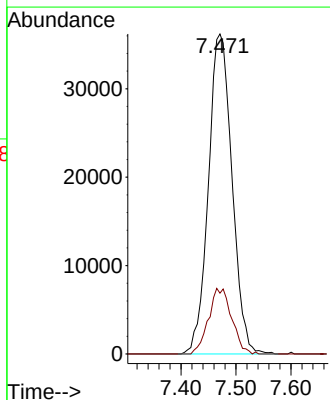
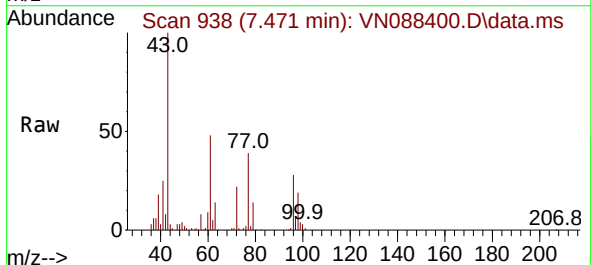
Manual Integrations
APPROVED

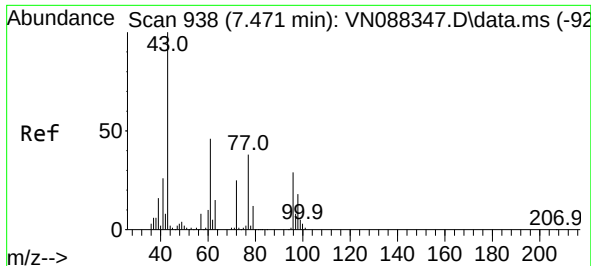
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#26
2,2-Dichloropropane
Concen: 18.698 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

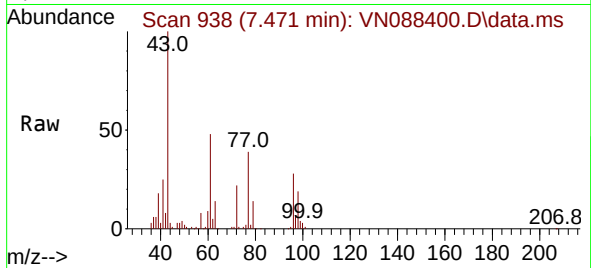
Tgt Ion: 77 Resp: 108173
Ion Ratio Lower Upper
77 100
97 20.1 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.601 ug/l
 RT: 7.471 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

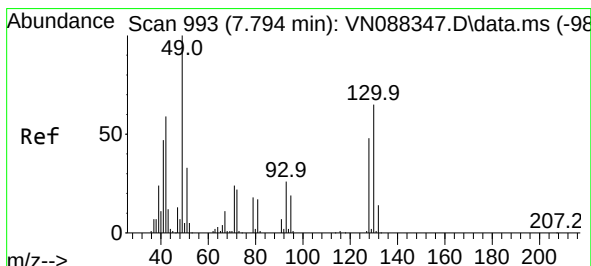
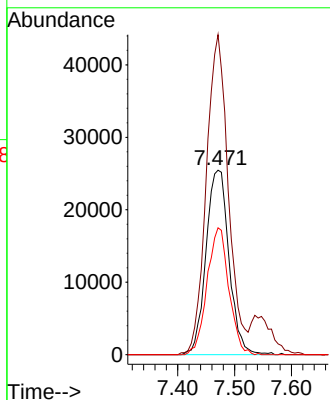
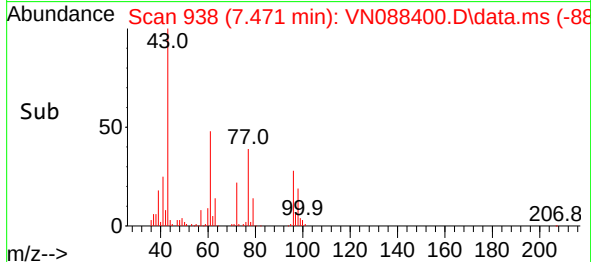
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS02



Tgt Ion: 96 Resp: 7162
 Ion Ratio Lower Upper
 96 100
 61 166.2 0.0 323.6
 98 65.2 0.0 127.2

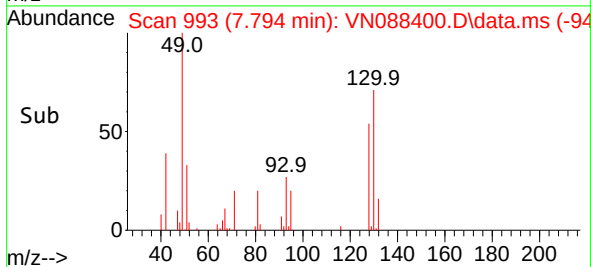
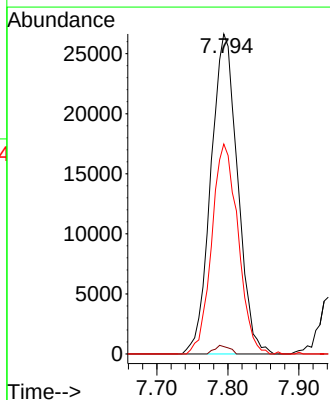
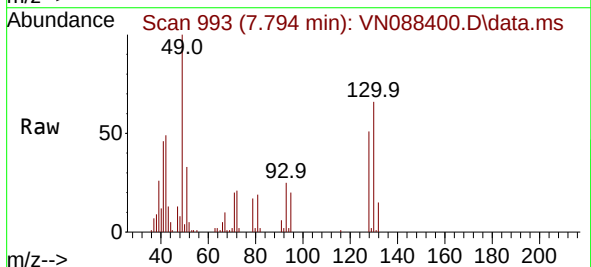
Manual Integrations
 APPROVED

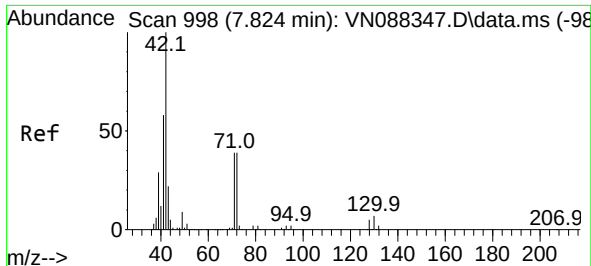
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#28
 Bromochloromethane
 Concen: 20.891 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

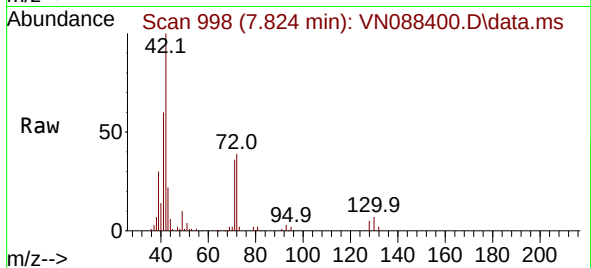
Tgt Ion: 49 Resp: 69751
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.6
 130 64.4 51.1 76.7





#29
Tetrahydrofuran
Concen: 92.491 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

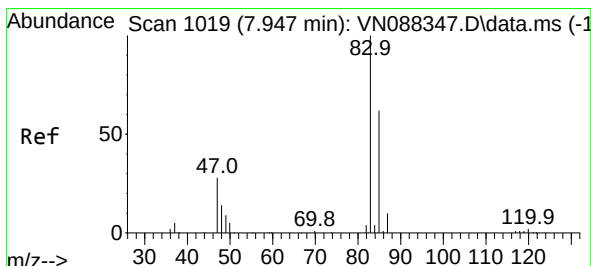
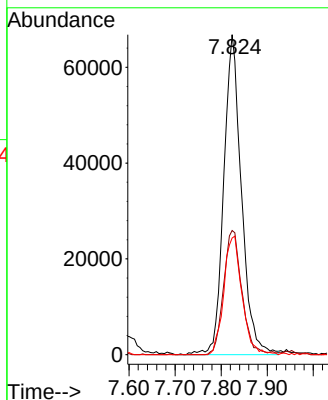
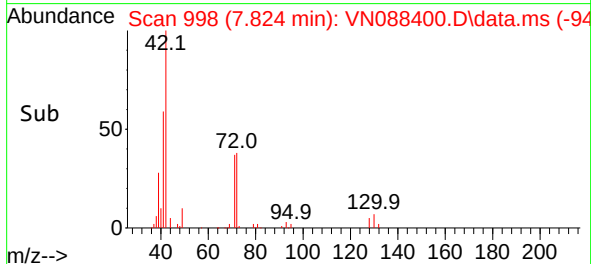
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



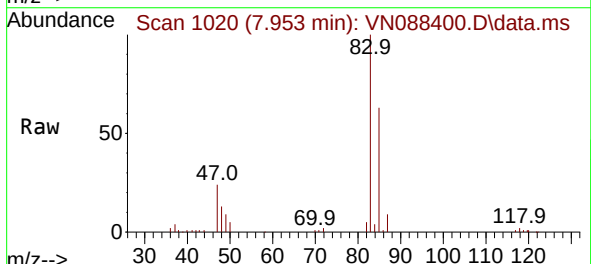
Tgt Ion: 42 Resp: 178128
Ion Ratio Lower Upper
42 100
72 39.9 32.2 48.4
71 38.0 31.1 46.7

Manual Integrations
APPROVED

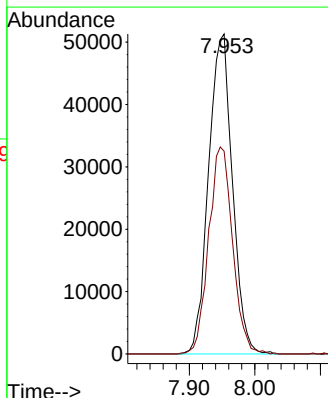
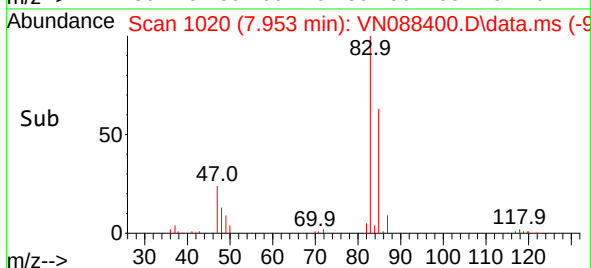
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

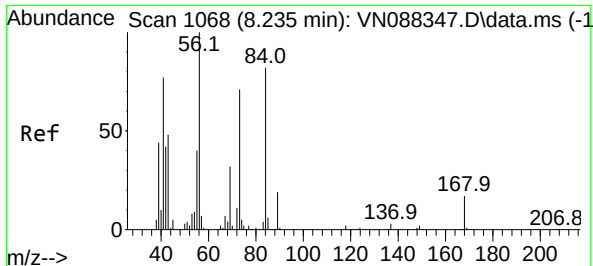


#30
Chloroform
Concen: 19.663 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



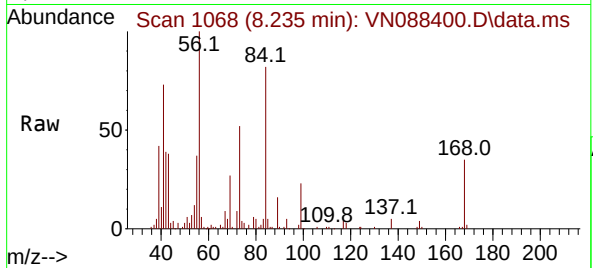
Tgt Ion: 83 Resp: 129498
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.8





#31
Cyclohexane
Concen: 18.917 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

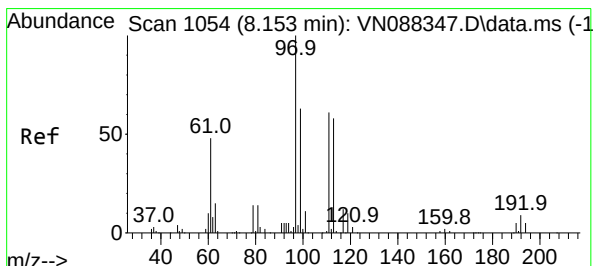
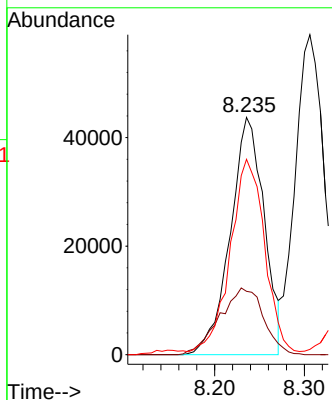
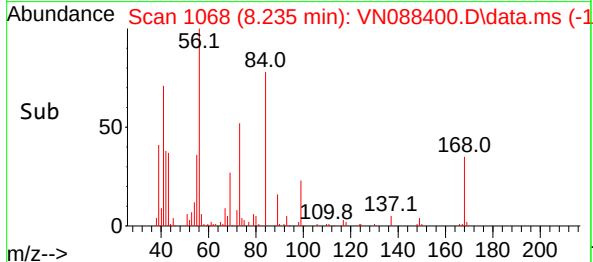
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion: 56 Resp: 11489
Ion Ratio Lower Upper
56 100
69 26.7 25.3 37.9
84 80.8 65.4 98.2

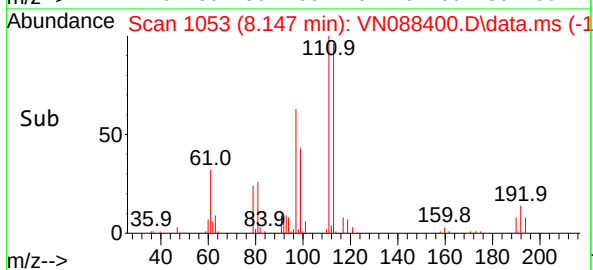
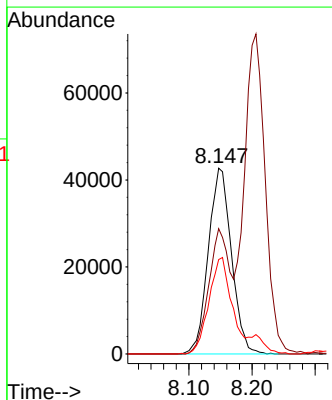
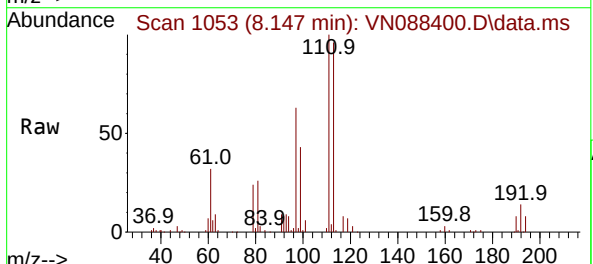
Manual Integrations
APPROVED

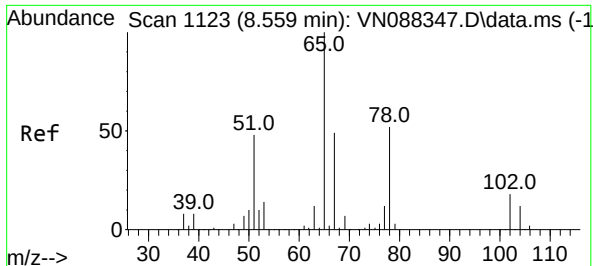
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#32
1,1,1-Trichloroethane
Concen: 18.786 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 97 Resp: 108786
Ion Ratio Lower Upper
97 100
99 62.1 50.8 76.2
61 53.6 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 52.111 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS02

Tgt Ion: 65 Resp: 240662

Ion Ratio Lower Upper

65 100

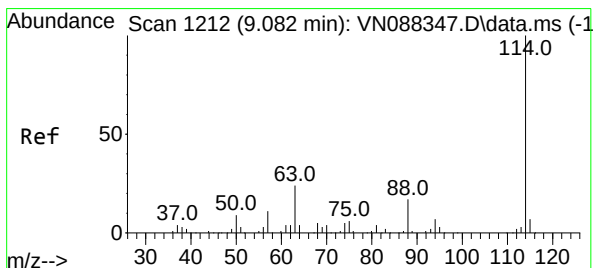
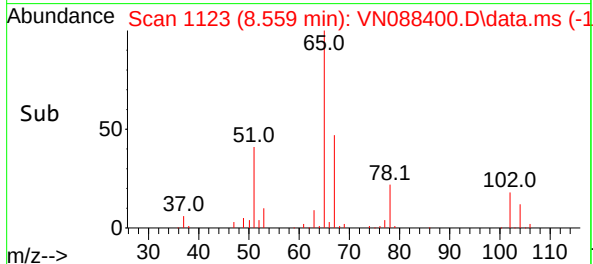
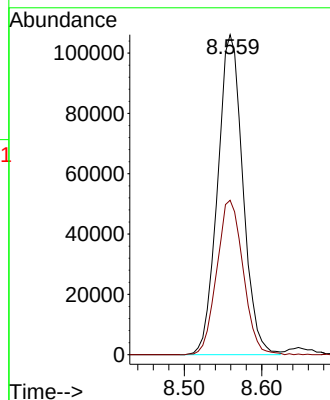
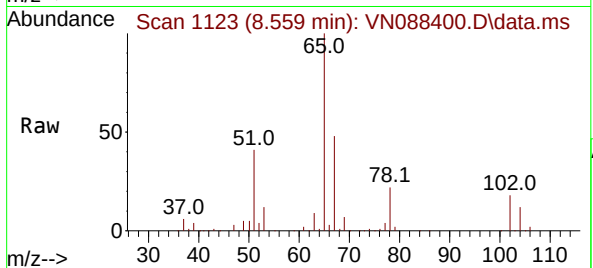
67 50.4 0.0 100.8

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: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

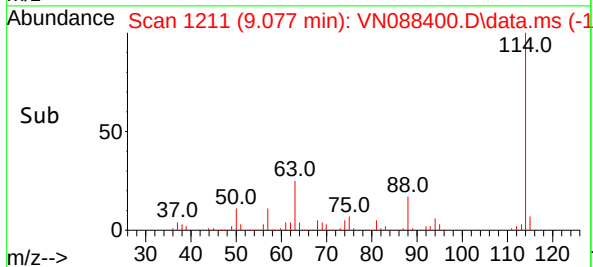
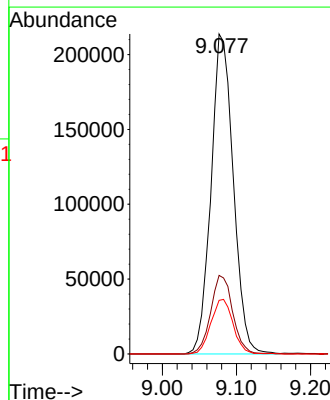
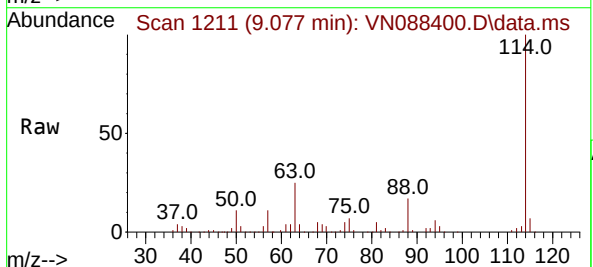
Tgt Ion:114 Resp: 446464

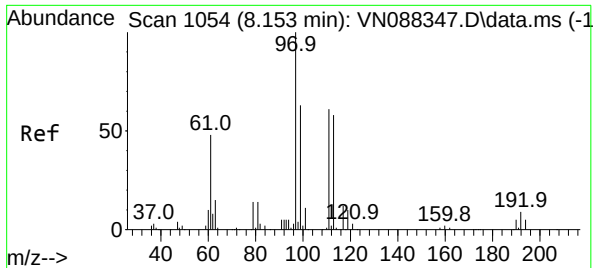
Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.0

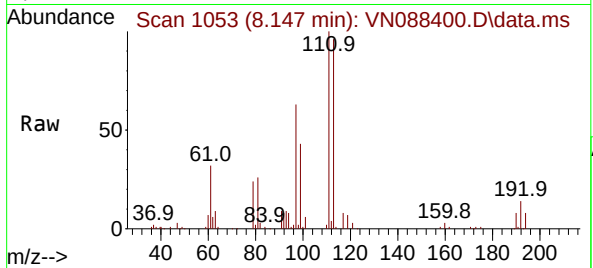
88 16.8 0.0 34.0





#35
Dibromofluoromethane
Concen: 52.098 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

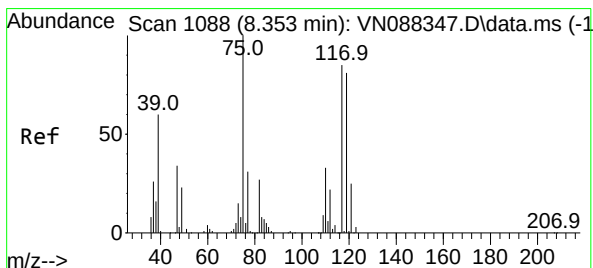
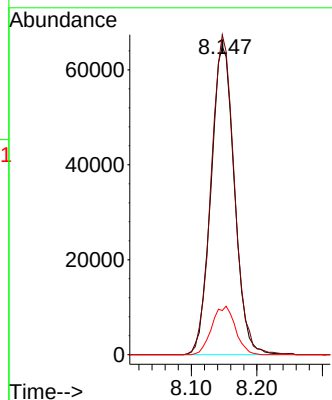
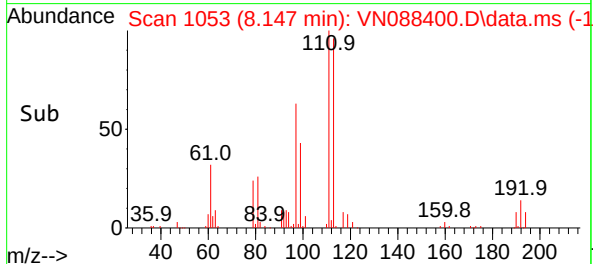
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion:113 Resp: 161190
Ion Ratio Lower Upper
113 100
111 102.2 82.5 123.7
192 15.8 12.8 19.2

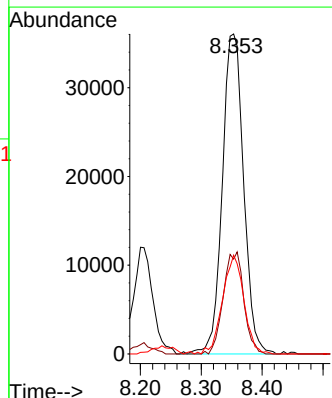
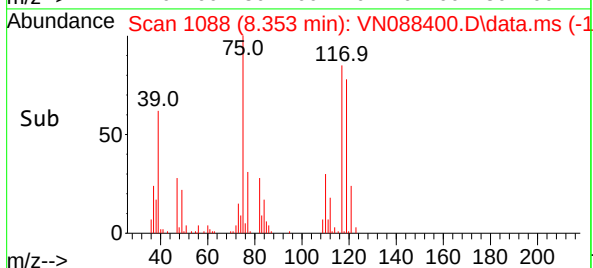
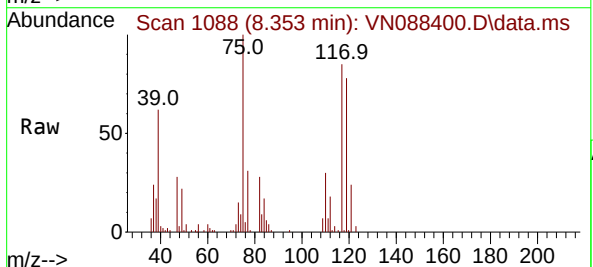
Manual Integrations
APPROVED

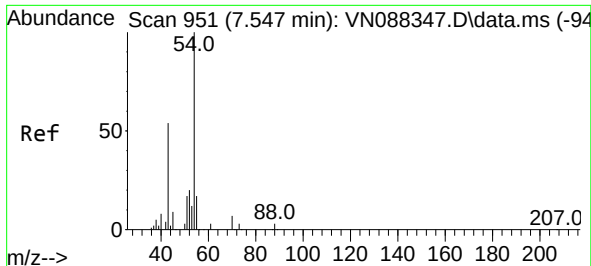
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#36
1,1-Dichloropropene
Concen: 18.366 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

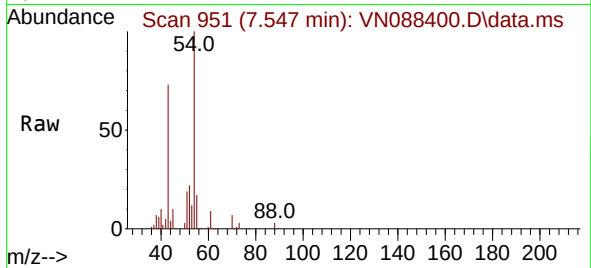
Tgt Ion: 75 Resp: 87696
Ion Ratio Lower Upper
75 100
110 30.6 15.8 47.4
77 30.9 24.2 36.2





#37
Ethyl Acetate
Concen: 18.844 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

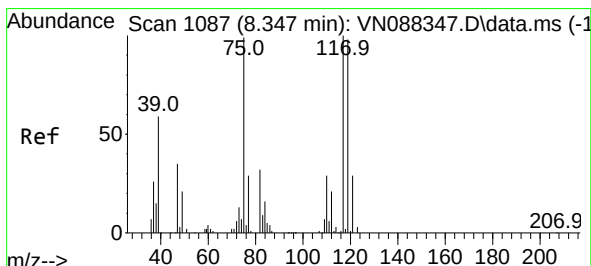
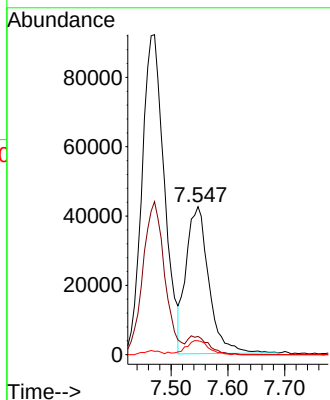
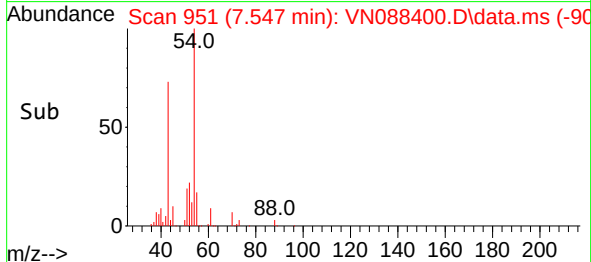
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion: 43 Resp: 118314
Ion Ratio Lower Upper
43 100
61 11.6 9.5 14.3
70 9.5 7.1 10.7

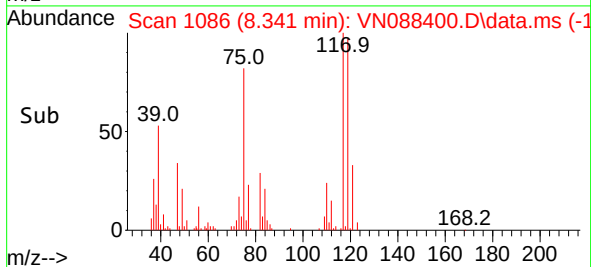
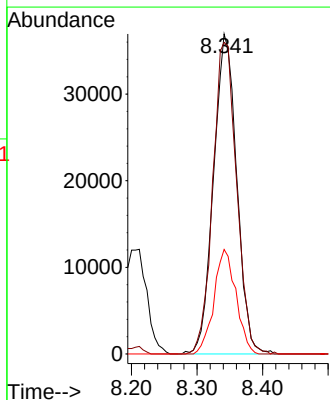
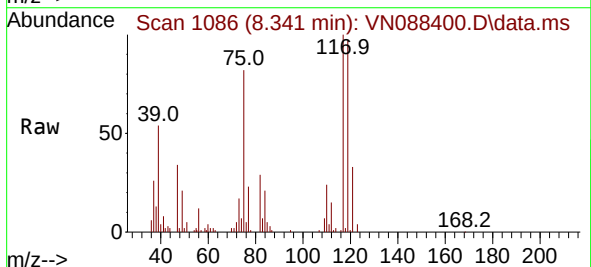
Manual Integrations
APPROVED

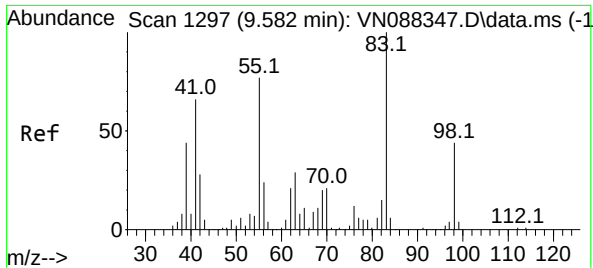
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#38
Carbon Tetrachloride
Concen: 19.050 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion:117 Resp: 90553
Ion Ratio Lower Upper
117 100
119 97.3 78.2 117.4
121 32.6 23.4 35.2





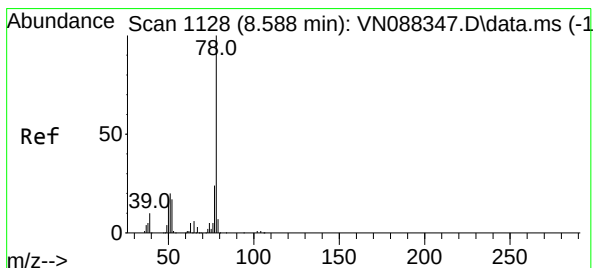
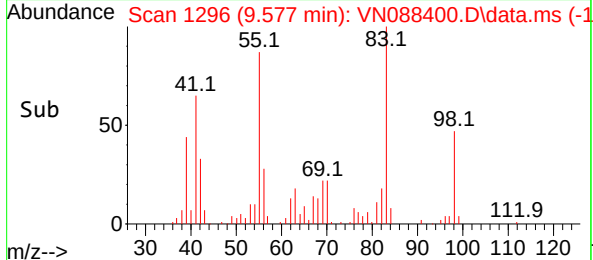
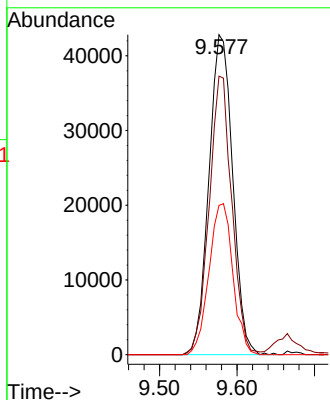
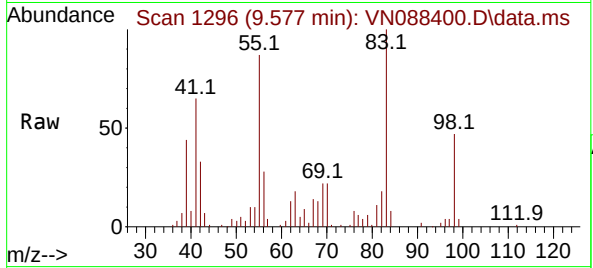
#39
Methylcyclohexane
Concen: 17.874 ug/l
RT: 9.577 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02

Tgt Ion: 83 Resp: 9129
Ion Ratio Lower Upper
83 100
55 87.1 61.6 92.4
98 46.7 35.3 52.9

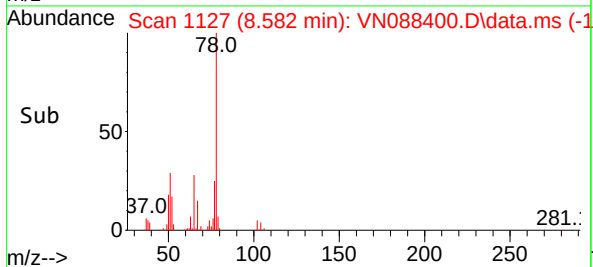
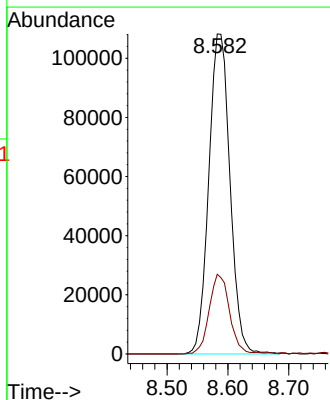
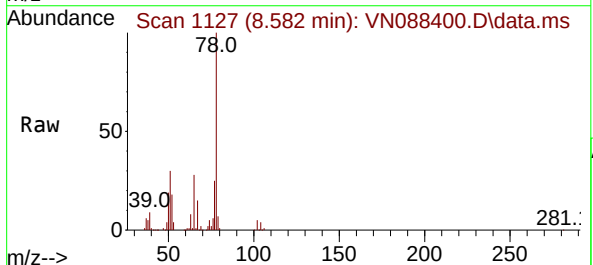
Manual Integrations
APPROVED

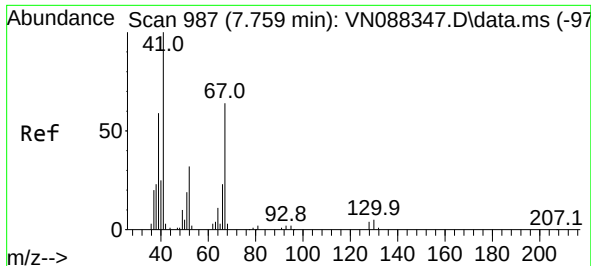
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#40
Benzene
Concen: 18.666 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

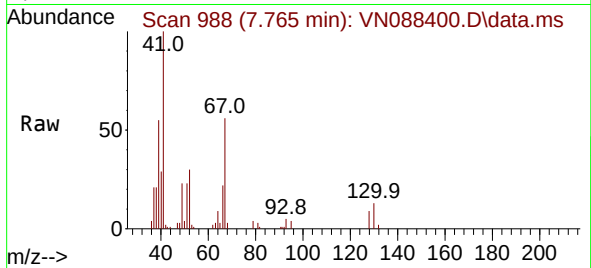
Tgt Ion: 78 Resp: 261591
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4





#41
Methacrylonitrile
Concen: 18.619 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

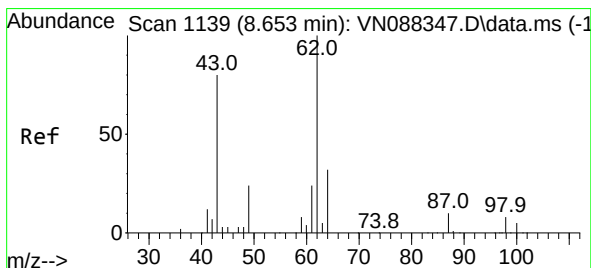
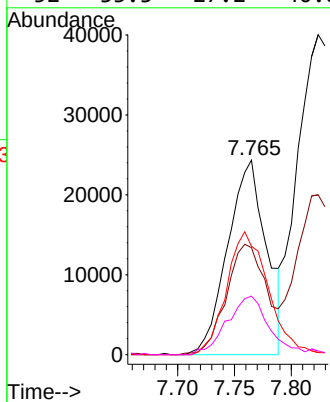
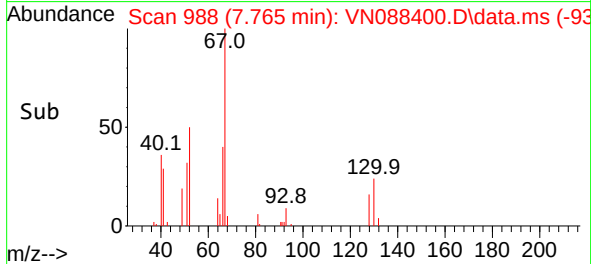
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion: 41 Resp: 57900
Ion Ratio Lower Upper
41 100
39 59.2 46.3 69.5
67 68.4 54.7 82.1
52 33.3 27.2 40.8

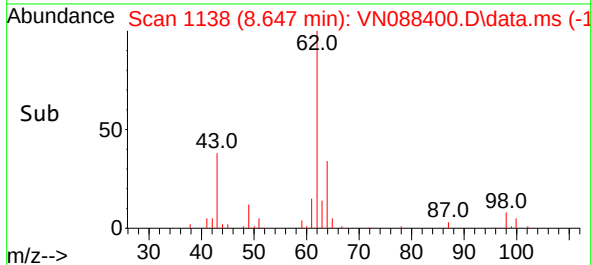
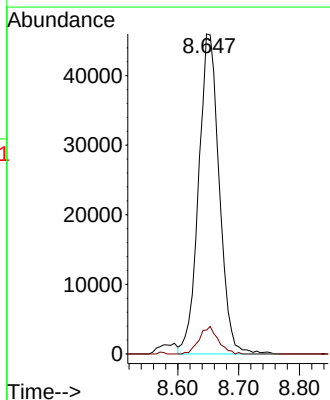
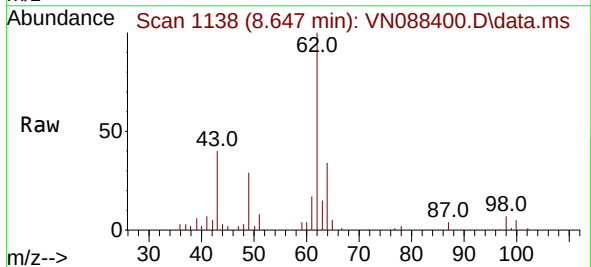
Manual Integrations
APPROVED

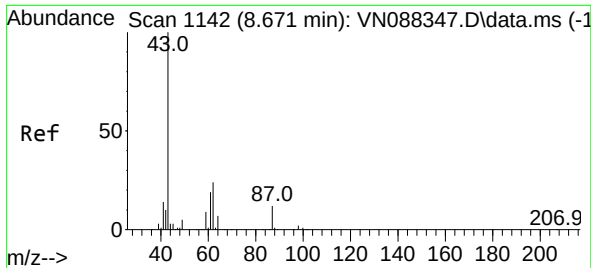
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#42
1,2-Dichloroethane
Concen: 20.268 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

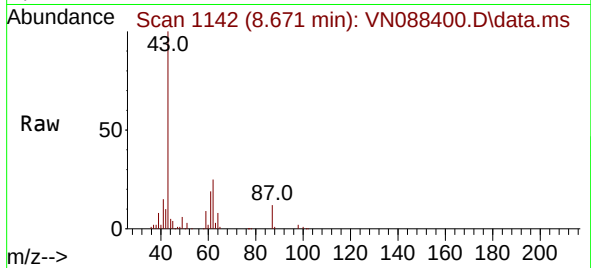
Tgt Ion: 62 Resp: 108373
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.2





#43
Isopropyl Acetate
Concen: 19.084 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

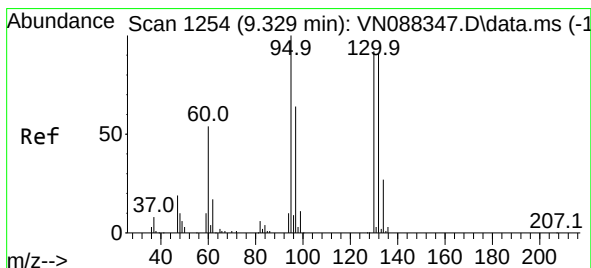
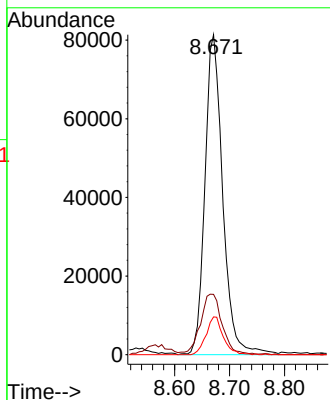
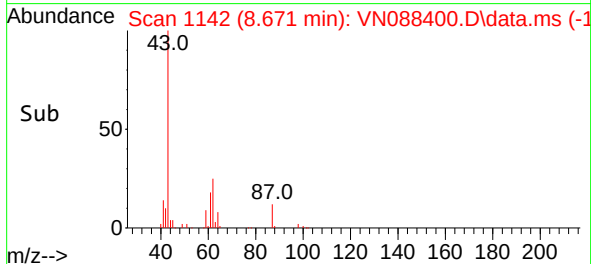
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



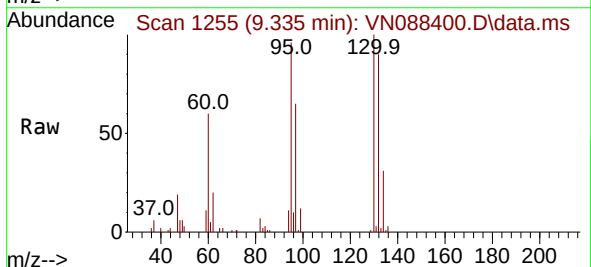
Tgt Ion: 43 Resp: 18306
Ion Ratio Lower Upper
43 100
61 22.4 18.7 28.1
87 11.4 9.1 13.7

Manual Integrations
APPROVED

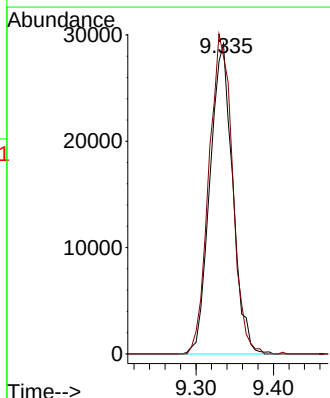
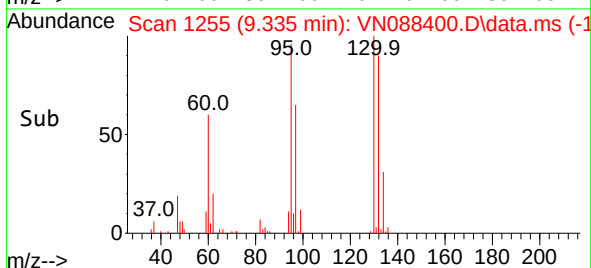
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

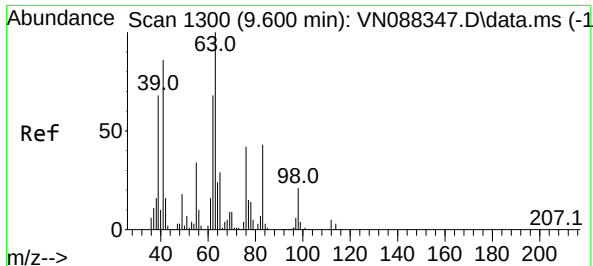


#44
Trichloroethene
Concen: 17.917 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



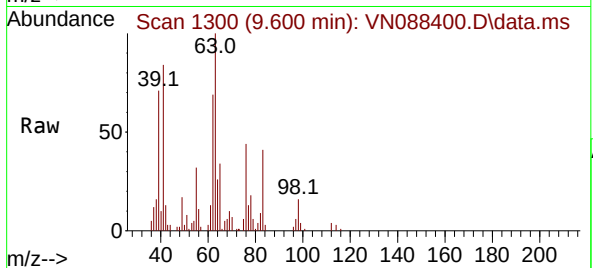
Tgt Ion:130 Resp: 59332
Ion Ratio Lower Upper
130 100
95 96.0 0.0 217.0





#45
1,2-Dichloropropane
Concen: 19.062 ug/l
RT: 9.600 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

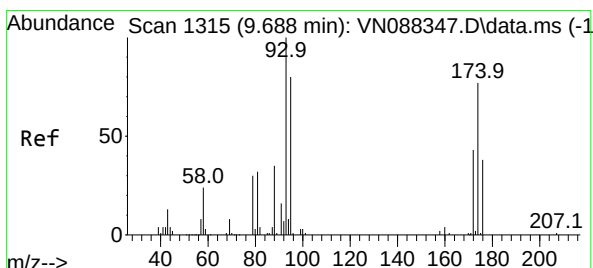
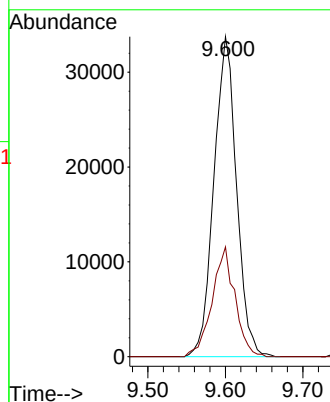
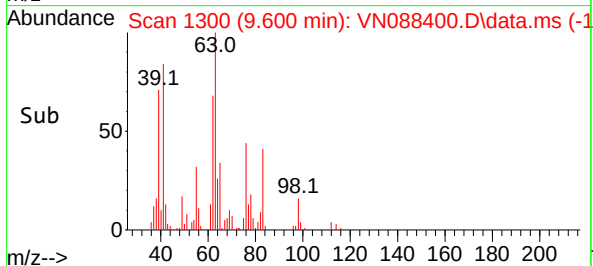
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



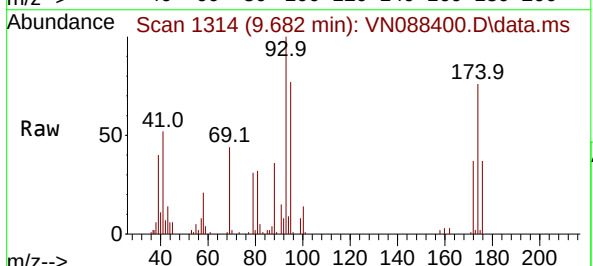
Tgt Ion: 63 Resp: 6844
Ion Ratio Lower Upper
63 100
65 34.3 23.0 34.4

Manual Integrations
APPROVED

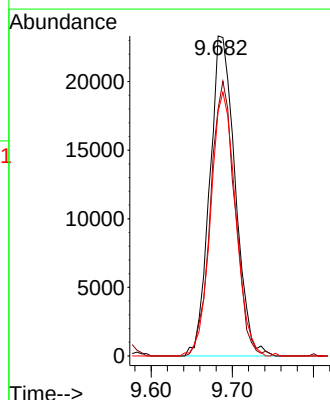
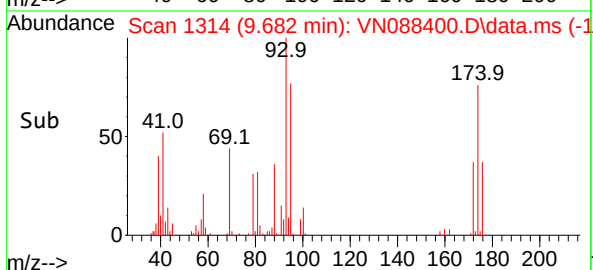
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

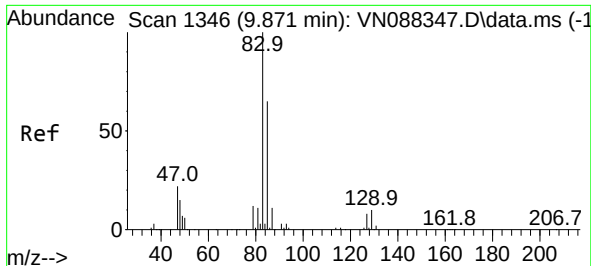


#46
Dibromomethane
Concen: 19.805 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



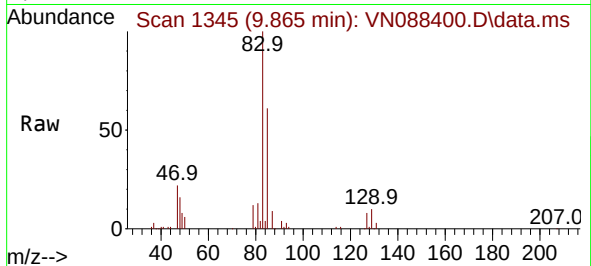
Tgt Ion: 93 Resp: 50750
Ion Ratio Lower Upper
93 100
95 82.3 65.8 98.6
174 80.7 64.3 96.5





#47
Bromodichloromethane
Concen: 19.797 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

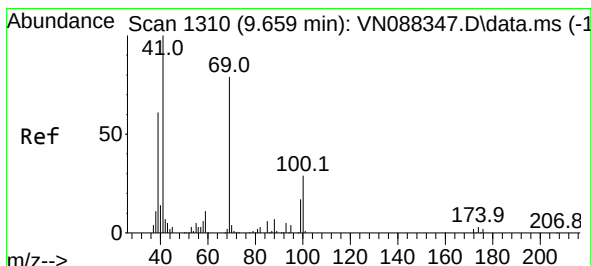
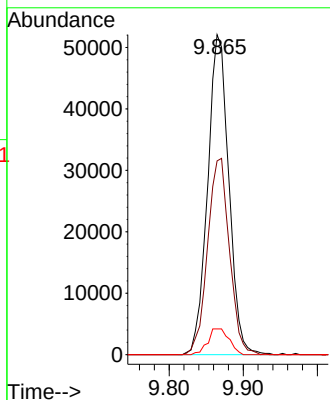
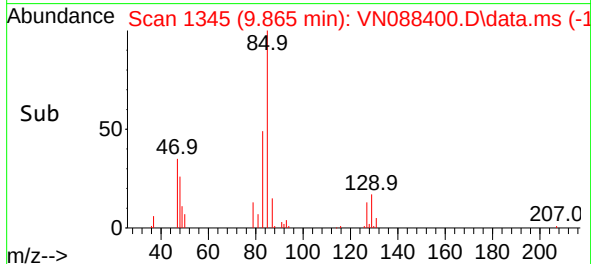
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



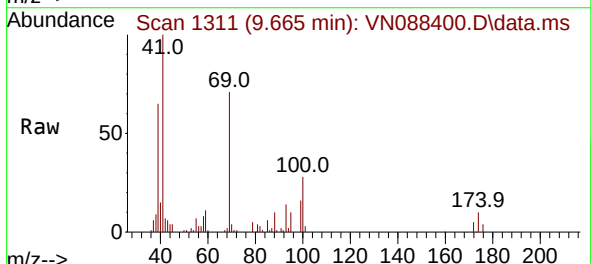
Tgt Ion: 83 Resp: 103508
Ion Ratio Lower Upper
83 100
85 60.5 51.9 77.9
127 8.1 6.3 9.5

Manual Integrations
APPROVED

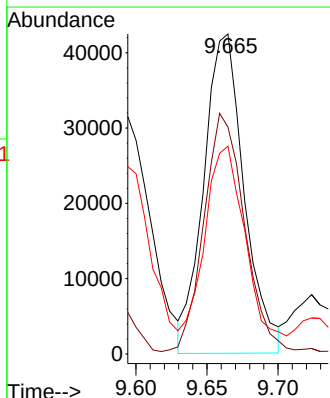
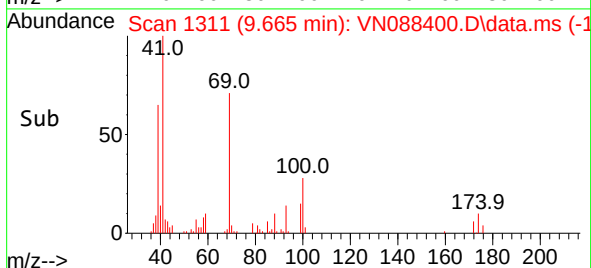
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

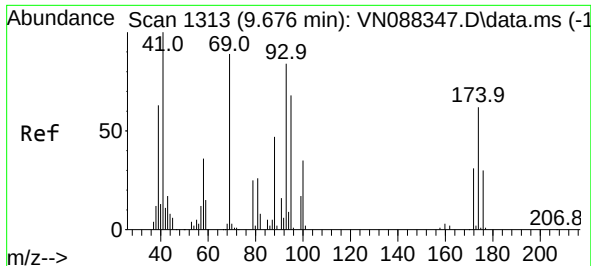


#48
Methyl methacrylate
Concen: 19.207 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



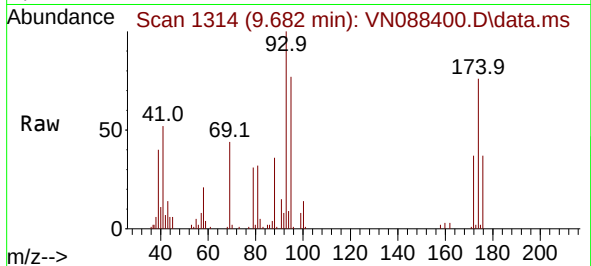
Tgt Ion: 41 Resp: 84066
Ion Ratio Lower Upper
41 100
69 75.9 62.4 93.6
39 68.6 52.6 79.0





#49
1,4-Dioxane
Concen: 343.156 ug/l
RT: 9.682 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

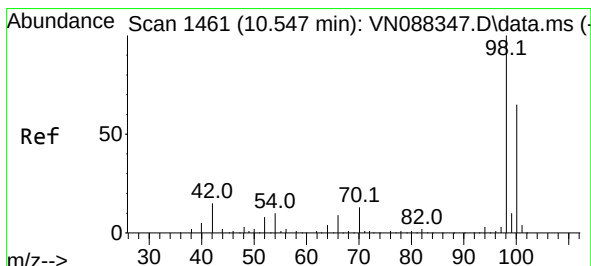
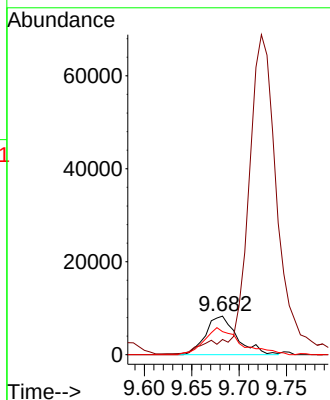
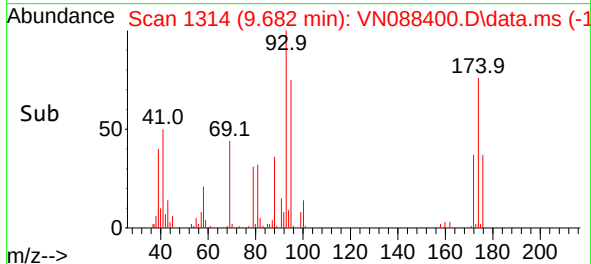
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



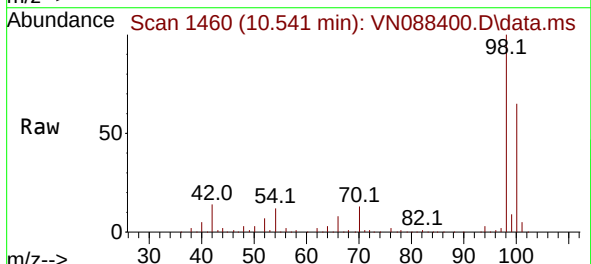
Tgt Ion: 88 Resp: 1910
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 79.4 62.0 93.0

Manual Integrations
APPROVED

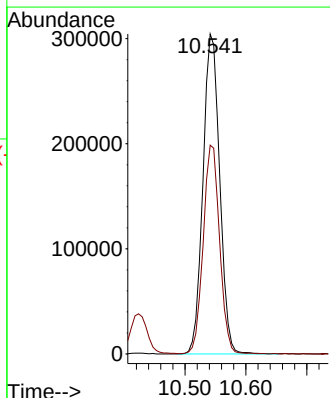
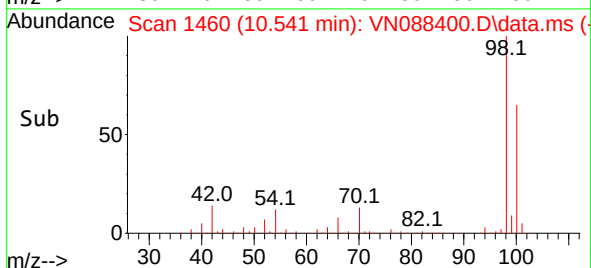
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

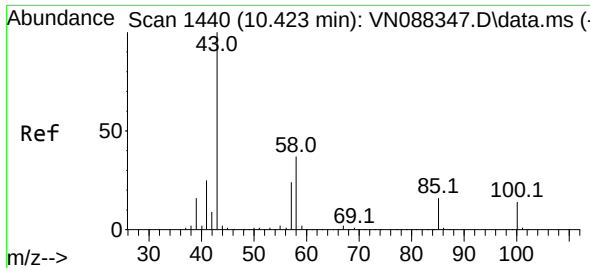


#50
Toluene-d8
Concen: 50.457 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



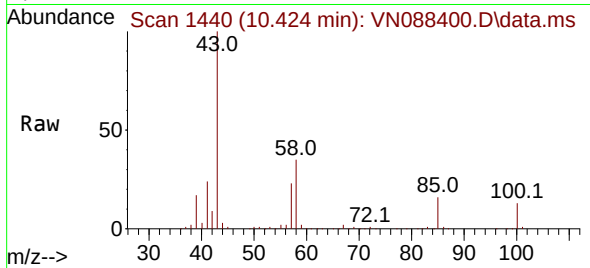
Tgt Ion: 98 Resp: 580861
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 99.609 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

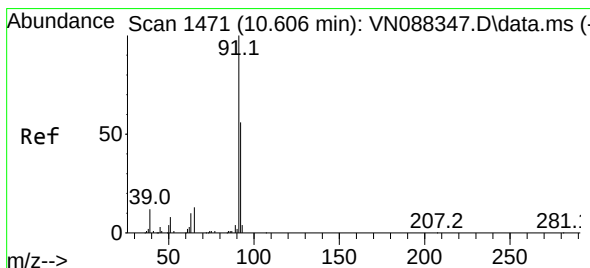
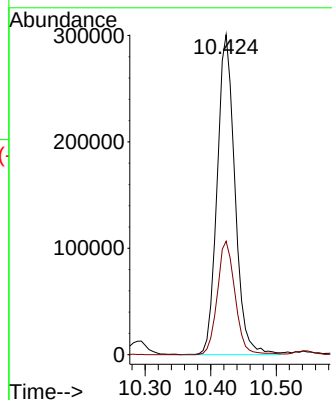
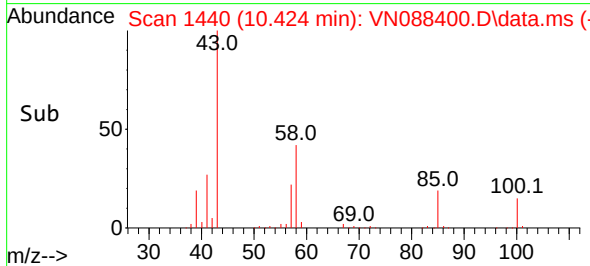
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion: 43 Resp: 563219
Ion Ratio Lower Upper
43 100
58 35.6 29.1 43.7

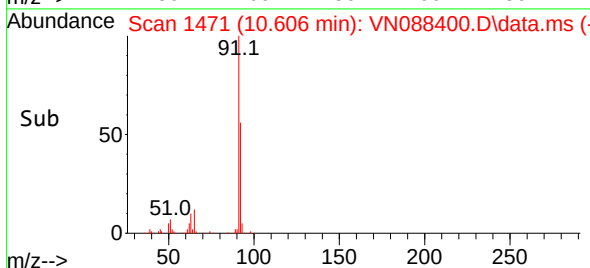
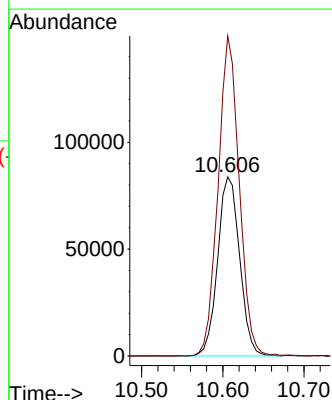
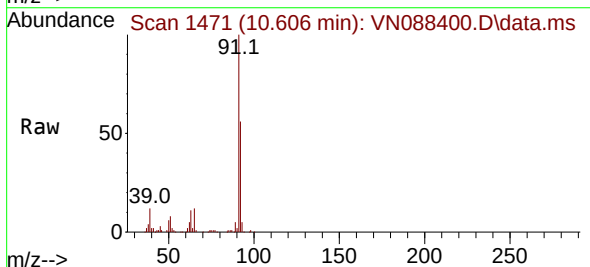
Manual Integrations
APPROVED

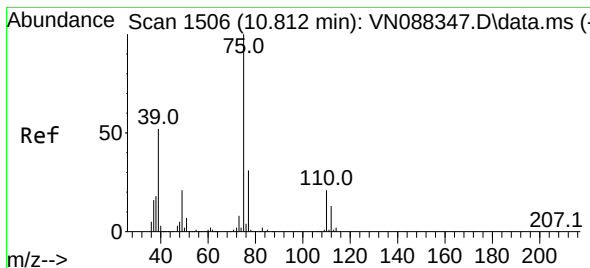
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#52
Toluene
Concen: 19.495 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

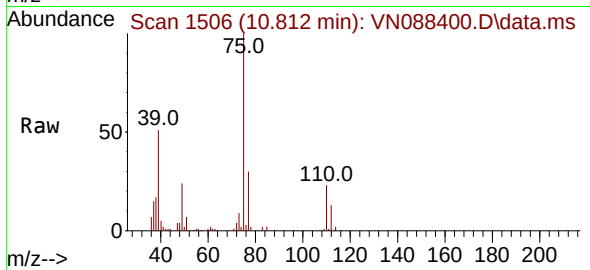
Tgt Ion: 92 Resp: 157757
Ion Ratio Lower Upper
92 100
91 172.4 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 18.659 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

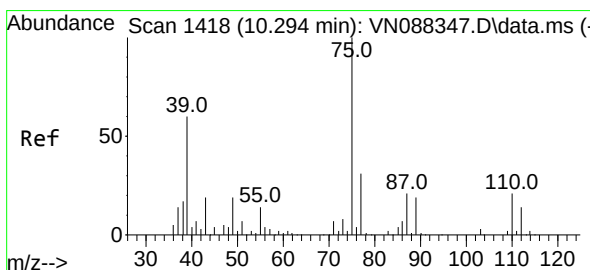
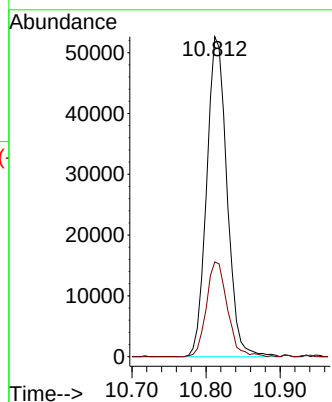
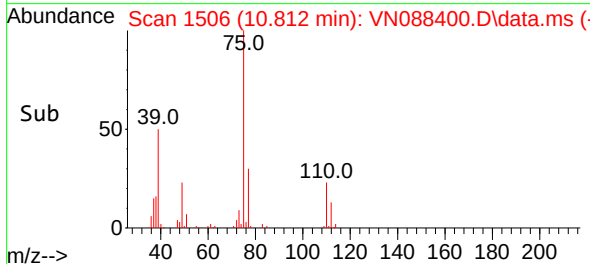
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



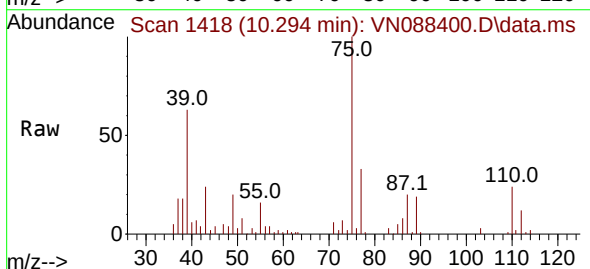
Tgt Ion: 75 Resp: 10014
Ion Ratio Lower Upper
75 100
77 29.6 24.8 37.2

Manual Integrations
APPROVED

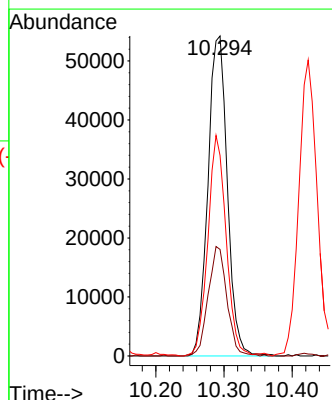
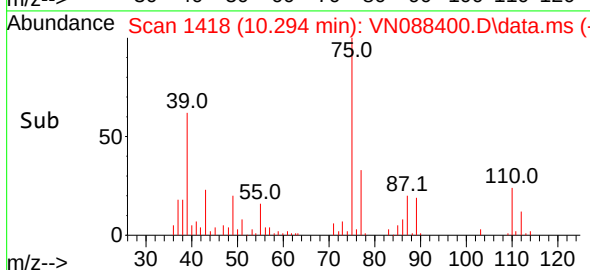
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

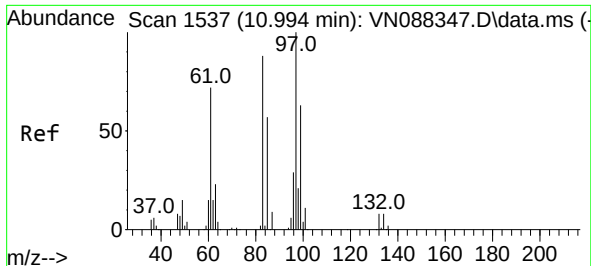


#54
cis-1,3-Dichloropropene
Concen: 19.049 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



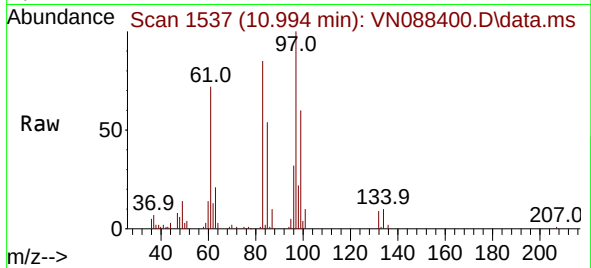
Tgt Ion: 75 Resp: 107513
Ion Ratio Lower Upper
75 100
77 33.3 24.5 36.7
39 62.6 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 20.113 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

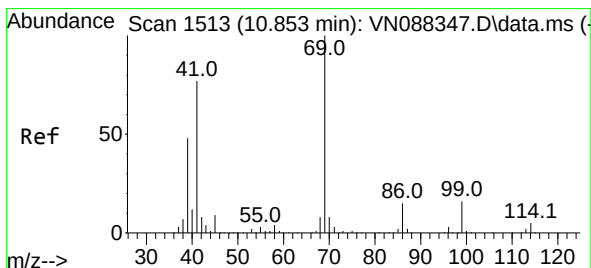
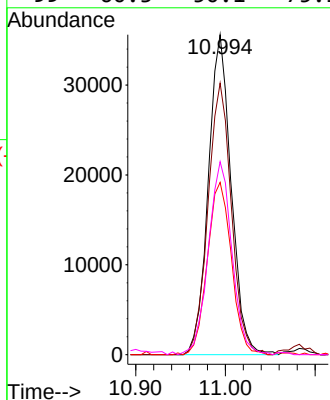
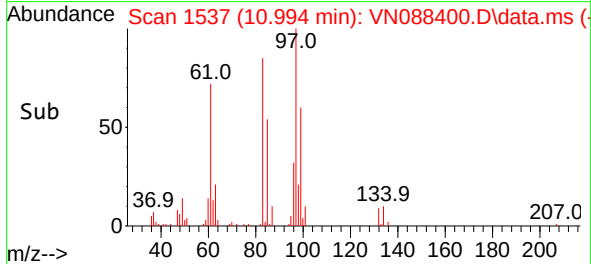
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion:	97	Resp:	6297
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.4	105.6
85	53.3	45.4	68.2
99	60.3	50.1	75.1

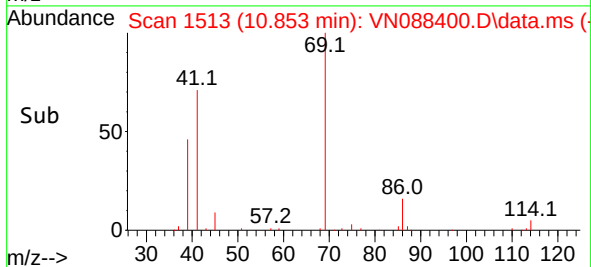
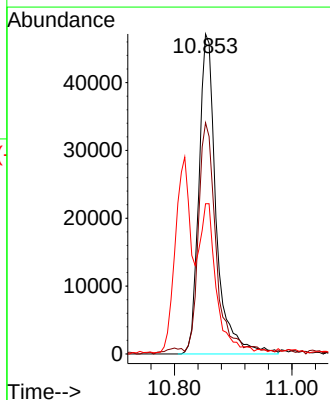
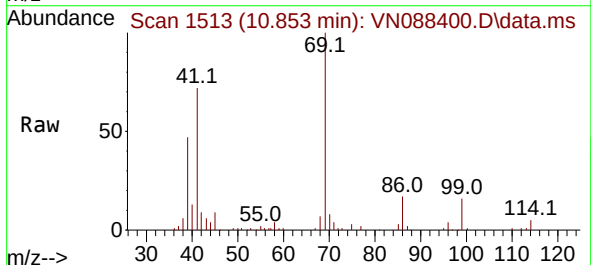
Manual Integrations
APPROVED

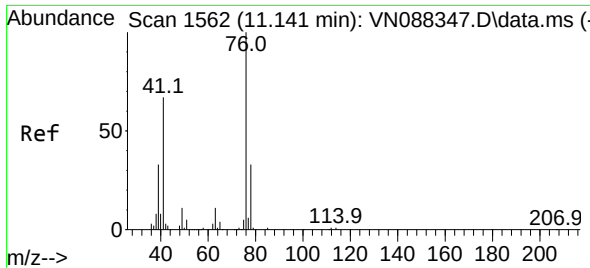
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#56
Ethyl methacrylate
Concen: 19.511 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

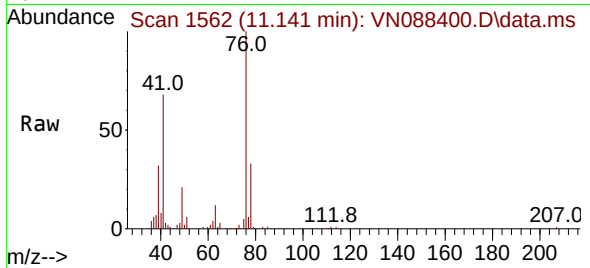
Tgt Ion:	69	Resp:	96496
Ion	Ratio	Lower	Upper
69	100		
41	70.9	59.6	89.4
39	43.4	36.4	54.6





#57
1,3-Dichloropropane
Concen: 19.334 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

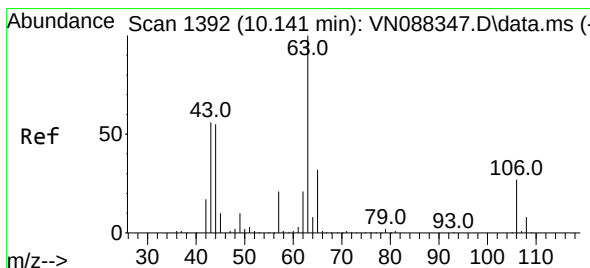
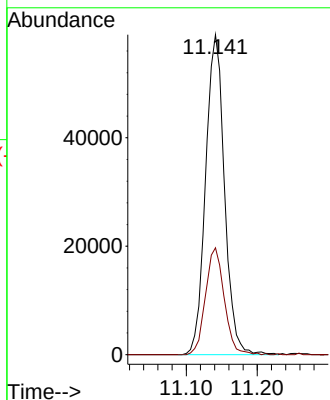
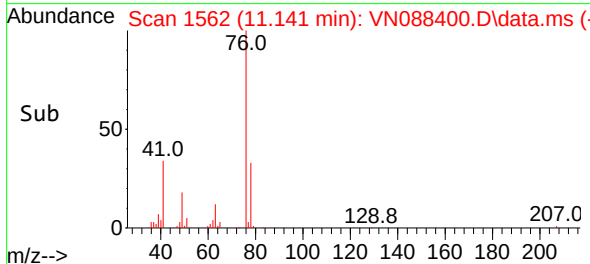
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion: 76 Resp: 10920
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.4

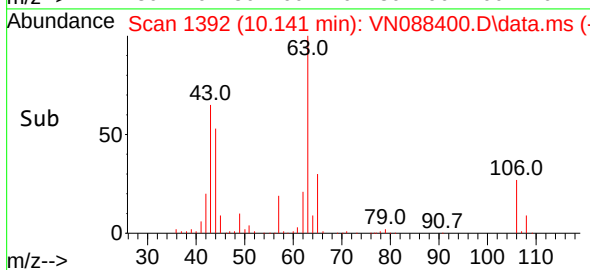
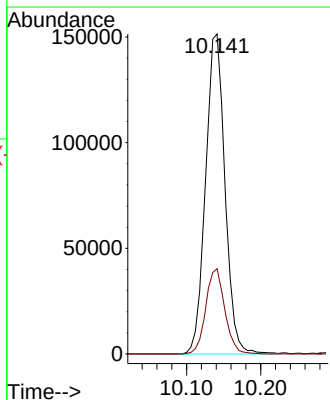
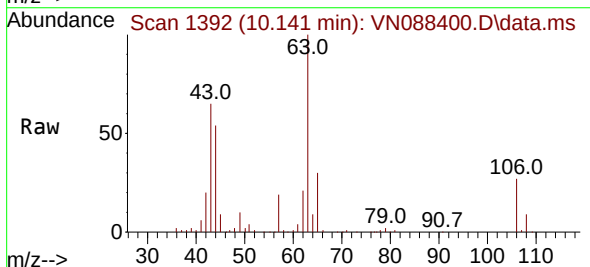
Manual Integrations
APPROVED

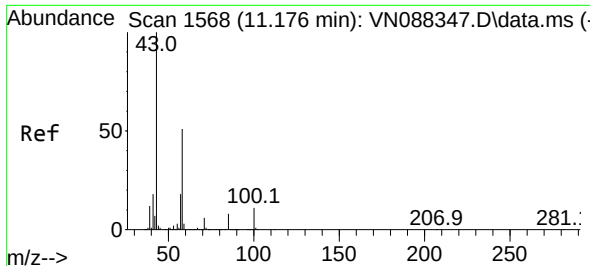
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 96.419 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

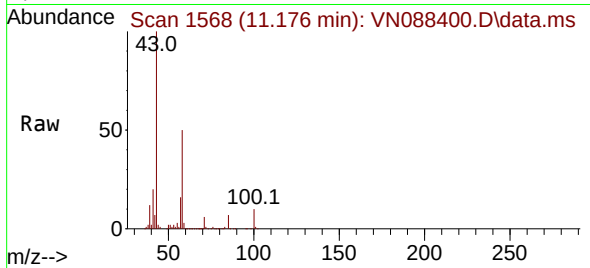
Tgt Ion: 63 Resp: 274912
Ion Ratio Lower Upper
63 100
106 26.1 20.5 30.7





#59
2-Hexanone
Concen: 93.936 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

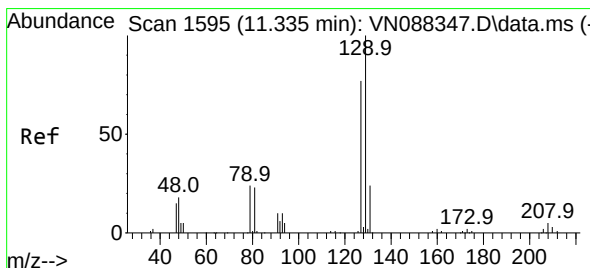
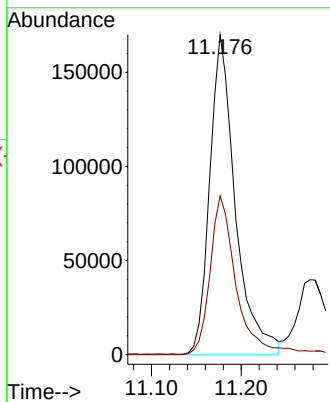
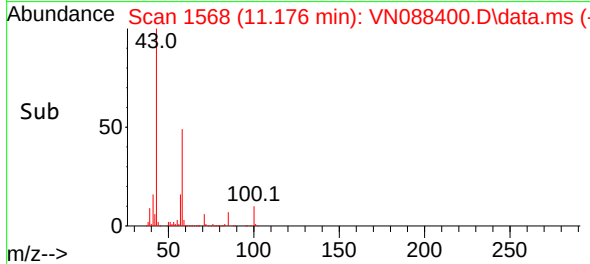
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion: 43 Resp: 334598
Ion Ratio Lower Upper
43 100
58 52.6 25.3 75.9

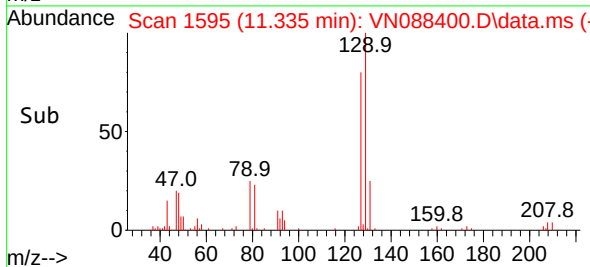
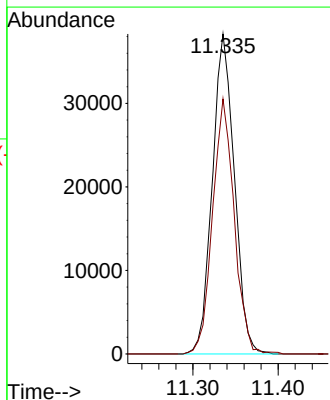
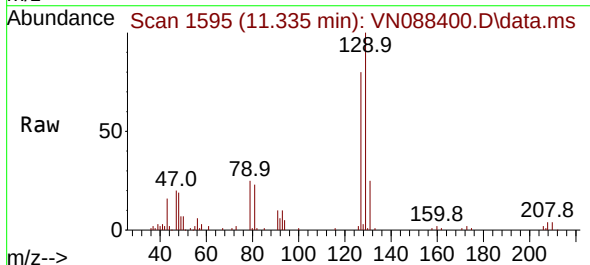
Manual Integrations
APPROVED

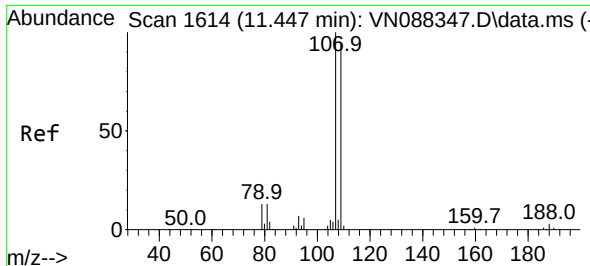
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#60
Dibromochloromethane
Concen: 19.277 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

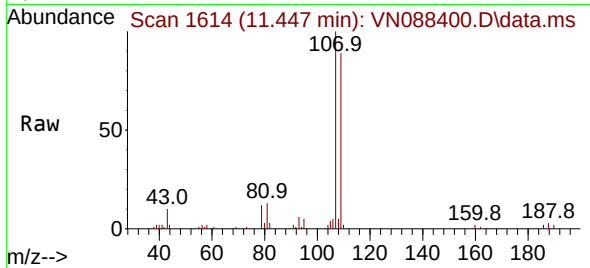
Tgt Ion:129 Resp: 68805
Ion Ratio Lower Upper
129 100
127 78.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 19.472 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

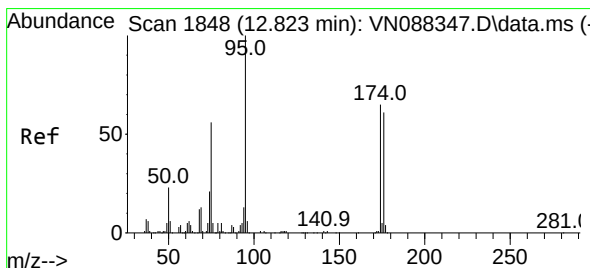
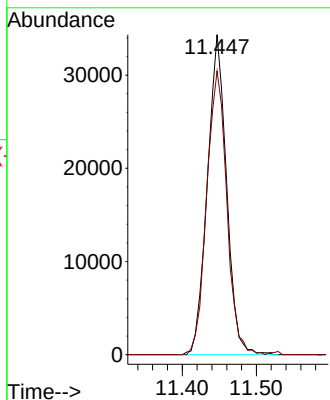
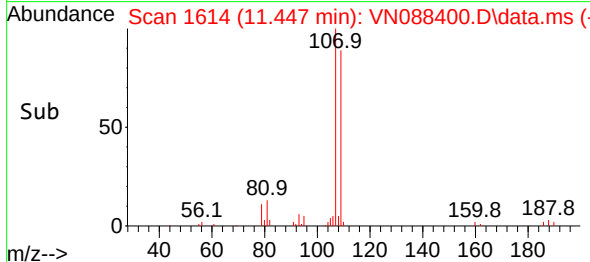
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



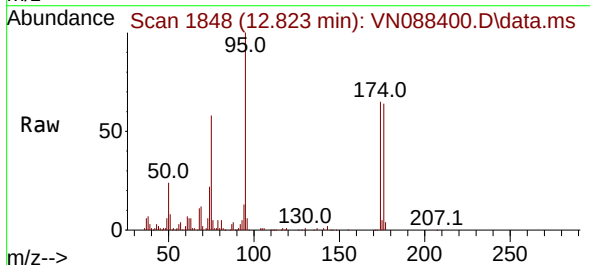
Tgt Ion:107 Resp: 61730
Ion Ratio Lower Upper
107 100
109 93.1 74.6 112.0

Manual Integrations
APPROVED

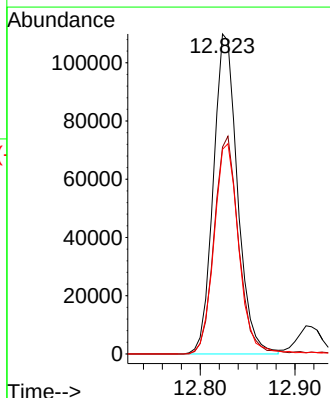
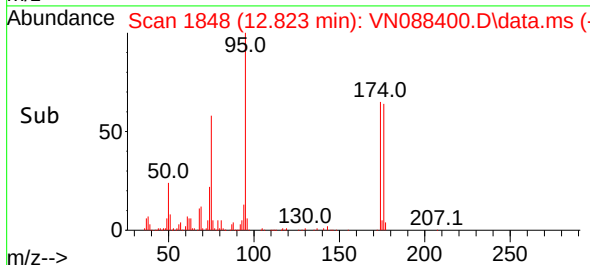
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

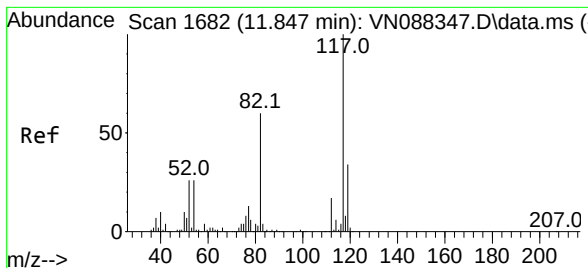


#62
4-Bromofluorobenzene
Concen: 49.345 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



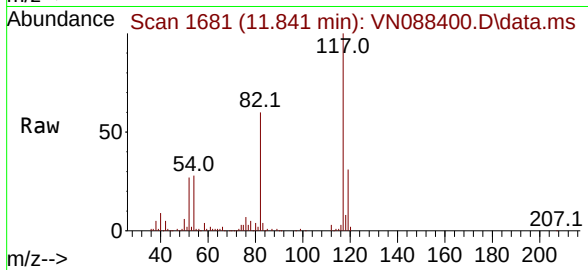
Tgt Ion: 95 Resp: 194910
Ion Ratio Lower Upper
95 100
174 68.6 0.0 139.0
176 67.2 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

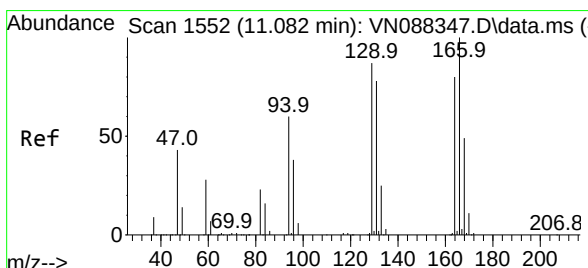
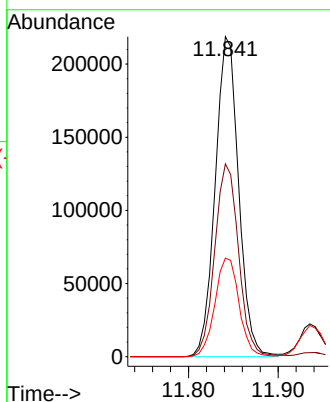
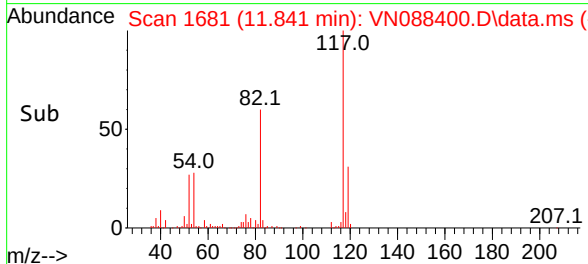
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion:117 Resp: 396309
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 30.8 26.9 40.3

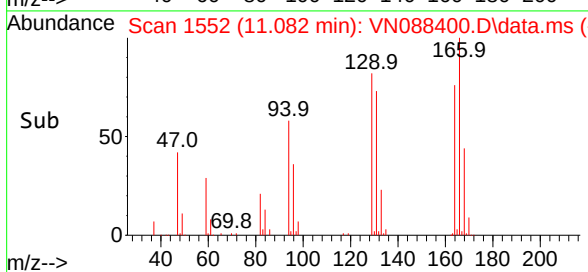
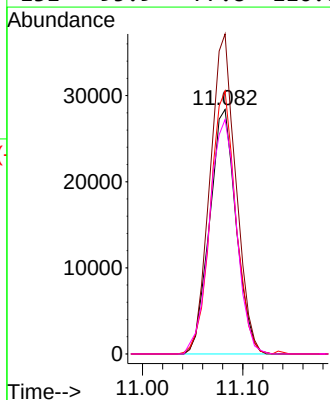
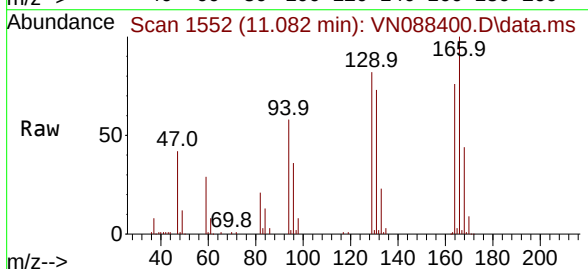
Manual Integrations
APPROVED

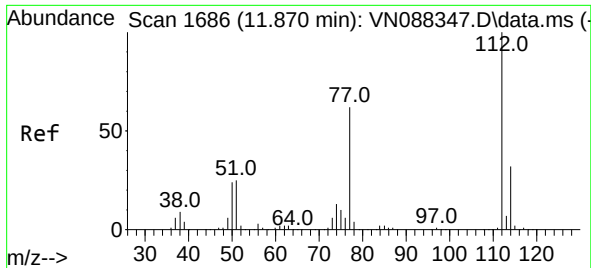
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#64
Tetrachloroethene
Concen: 16.603 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion:164 Resp: 52163
Ion Ratio Lower Upper
164 100
166 130.8 99.6 149.4
129 107.6 86.6 129.8
131 95.9 77.8 116.6





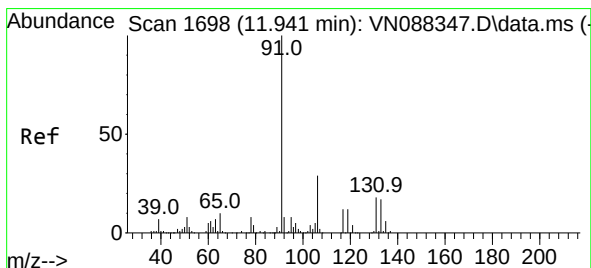
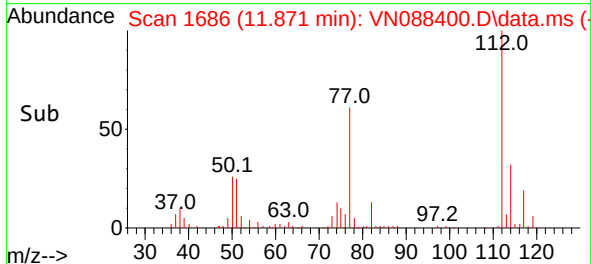
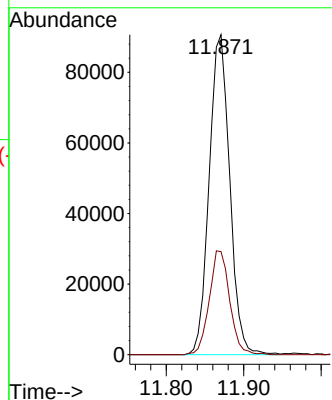
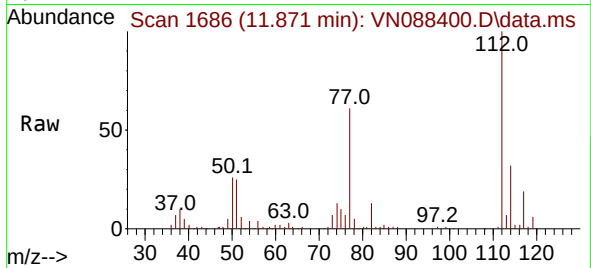
#65
Chlorobenzene
Concen: 18.836 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02

Tgt Ion:112 Resp: 167678
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

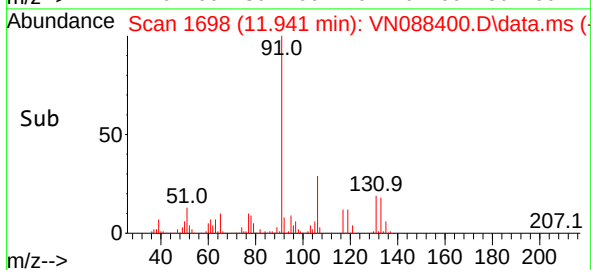
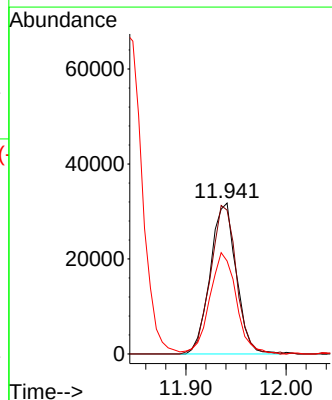
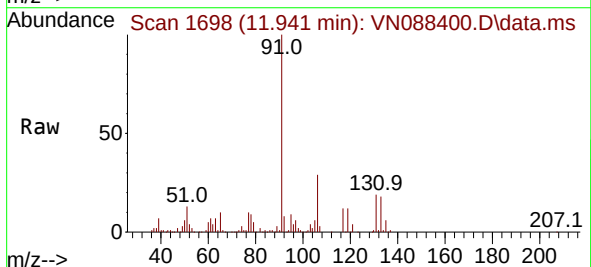
Manual Integrations
APPROVED

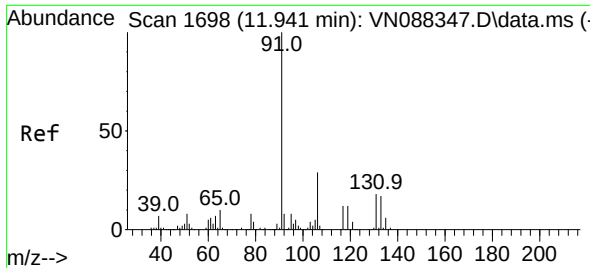
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.092 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

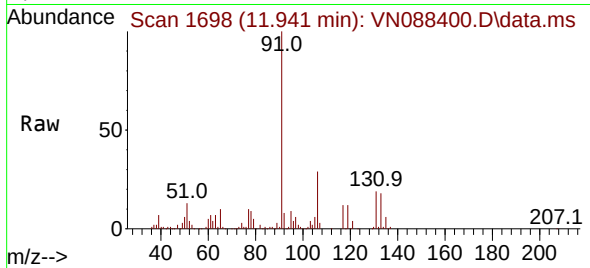
Tgt Ion:131 Resp: 57320
Ion Ratio Lower Upper
131 100
133 98.4 47.4 142.2
119 68.7 33.4 100.1





#67
Ethyl Benzene
Concen: 18.484 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

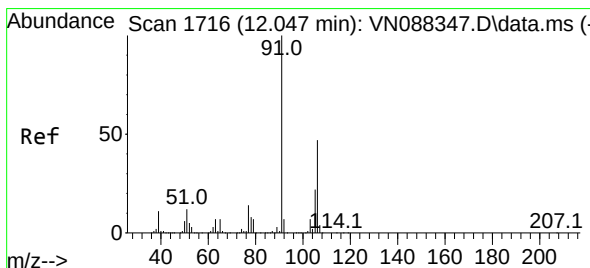
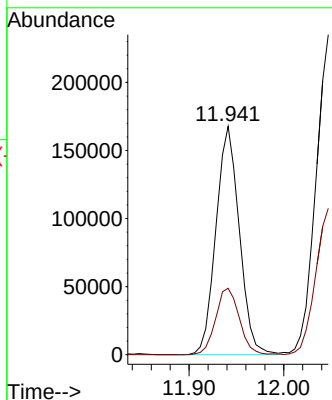
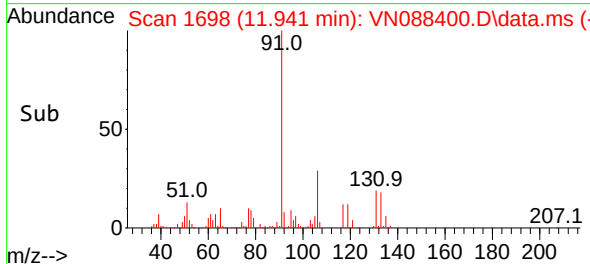
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



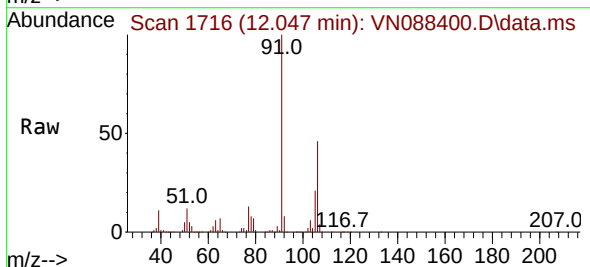
Tgt Ion: 91 Resp: 287588
Ion Ratio Lower Upper
91 100
106 29.1 23.6 35.4

Manual Integrations
APPROVED

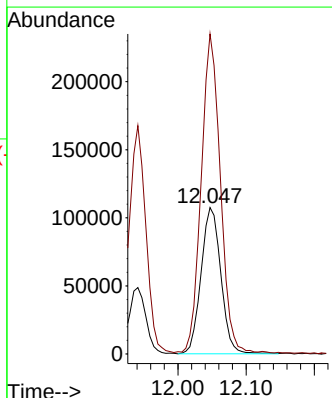
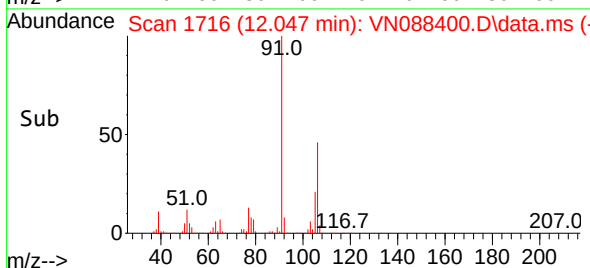
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

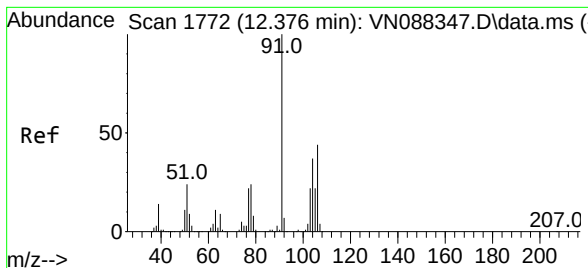


#68
m/p-Xylenes
Concen: 37.568 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



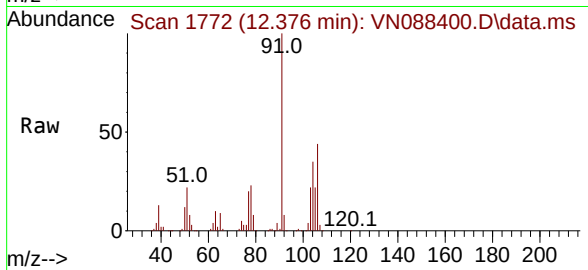
Tgt Ion:106 Resp: 216717
Ion Ratio Lower Upper
106 100
91 210.1 167.8 251.6





#69
o-Xylene
Concen: 18.060 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

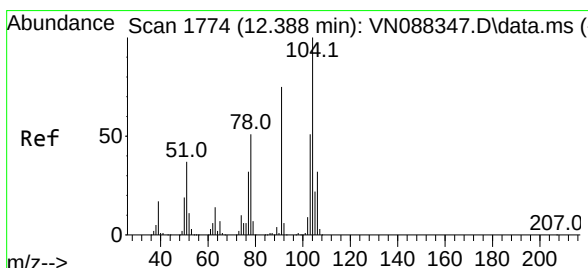
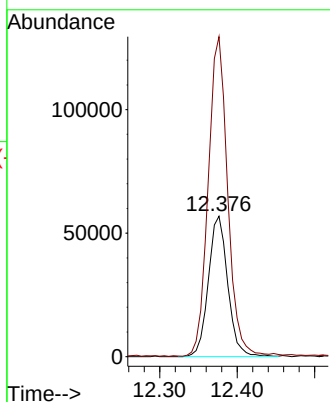
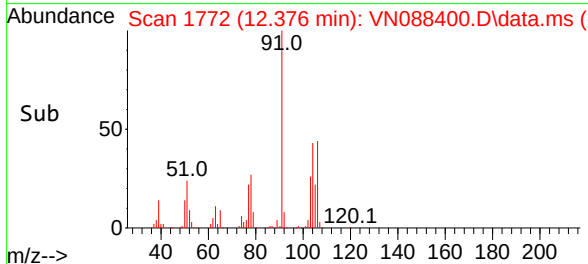
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



Tgt Ion:106 Resp: 9932
Ion Ratio Lower Upper
106 100
91 229.3 112.9 338.7

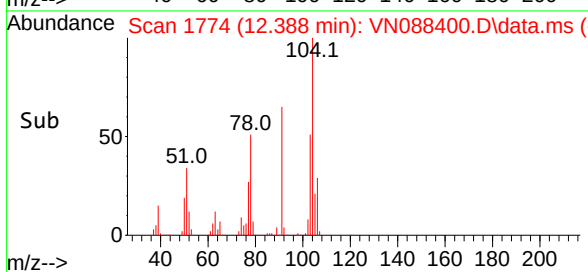
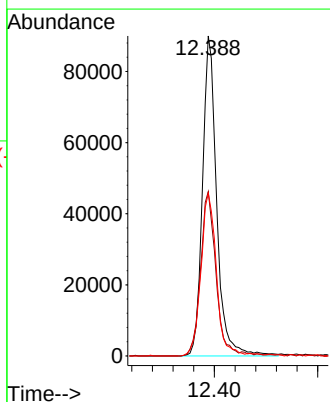
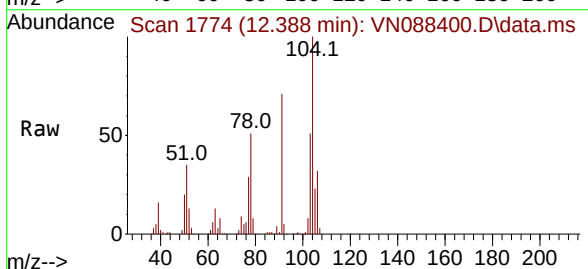
Manual Integrations
APPROVED

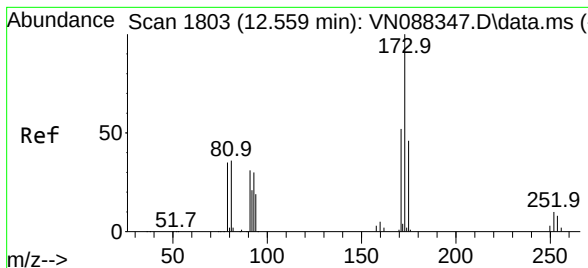
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#70
Styrene
Concen: 19.267 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

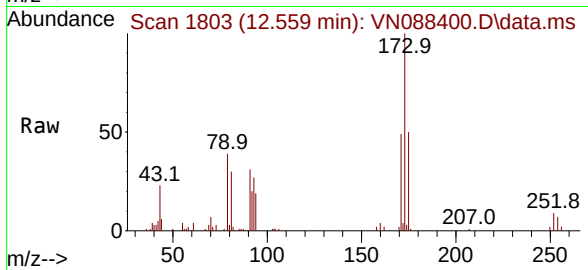
Tgt Ion:104 Resp: 172048
Ion Ratio Lower Upper
104 100
78 56.1 44.3 66.5
103 55.0 44.2 66.4





#71
Bromoform
Concen: 19.922 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

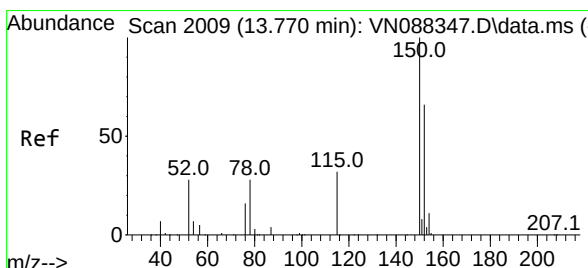
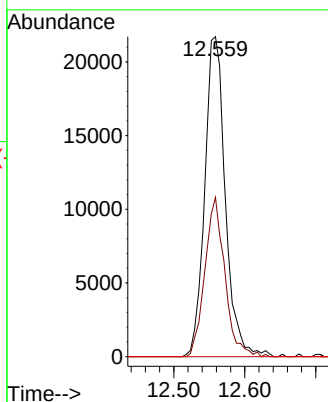
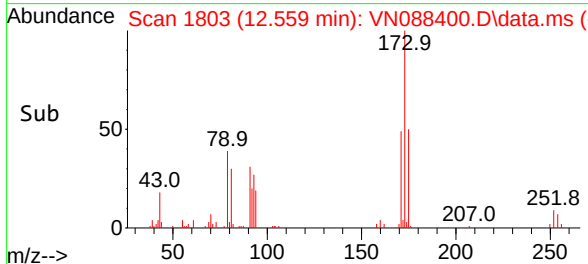
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



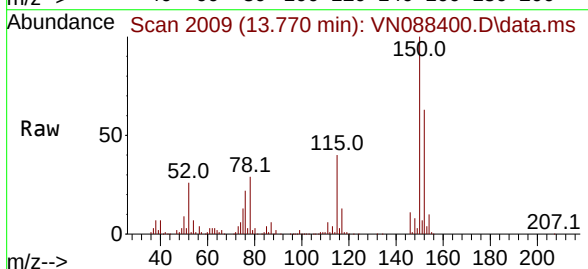
Tgt Ion:173 Resp: 43810
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

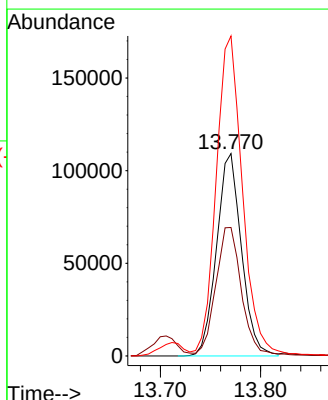
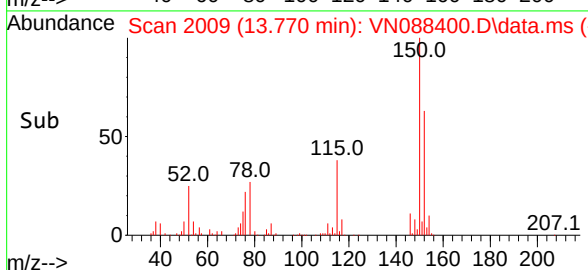
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

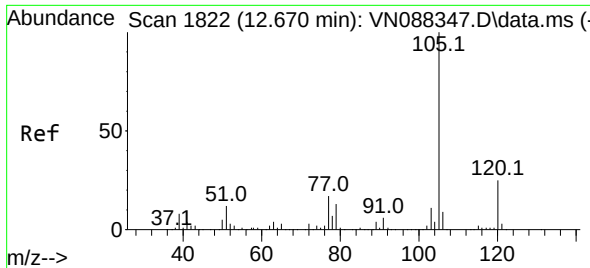


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



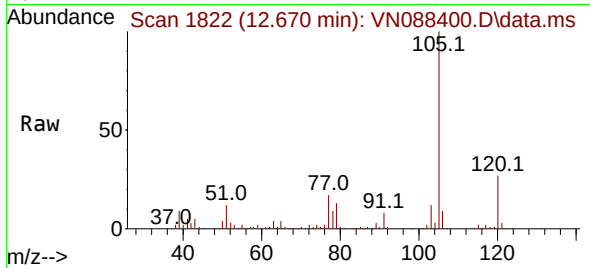
Tgt Ion:152 Resp: 188408
Ion Ratio Lower Upper
152 100
115 65.1 33.0 98.9
150 167.8 0.0 349.0





#73
Isopropylbenzene
Concen: 18.618 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

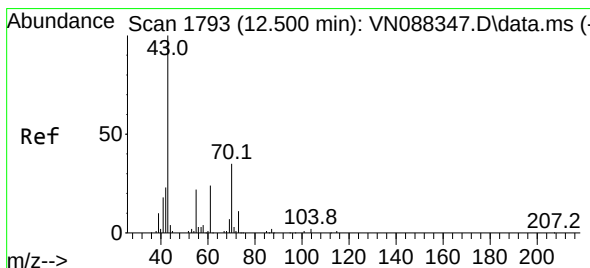
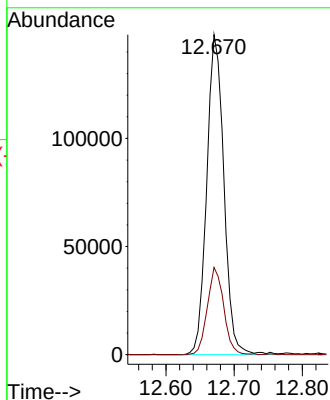
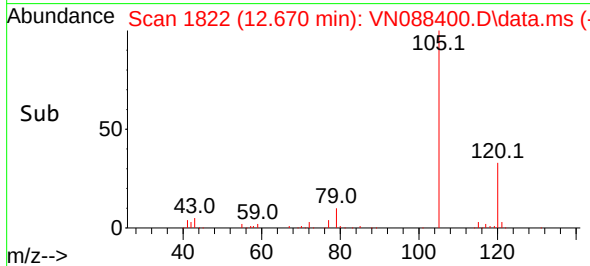
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



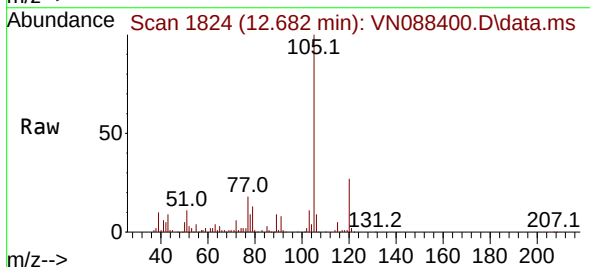
Tgt Ion:105 Resp: 25936
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3

Manual Integrations
APPROVED

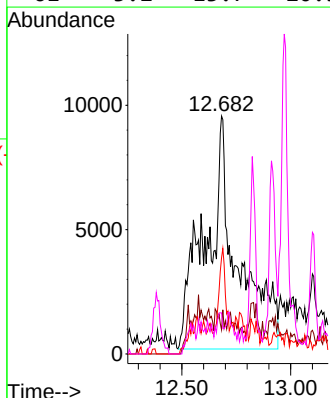
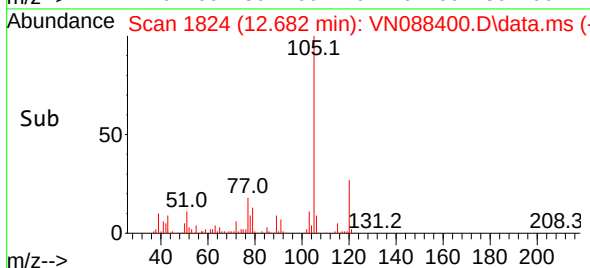
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

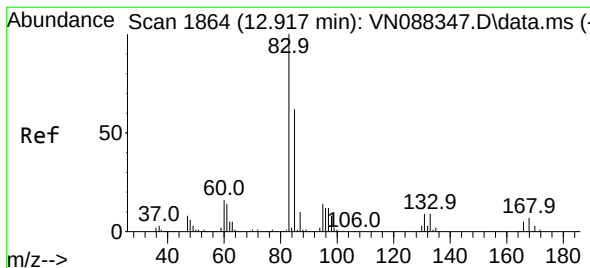


#74
N-ethyl acetate
Concen: 19.990 ug/l m
RT: 12.682 min Scan# 1824
Delta R.T. 0.182 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



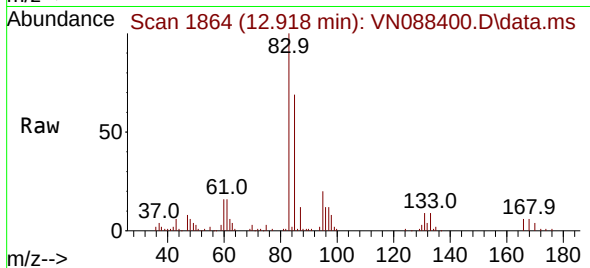
Tgt Ion: 43 Resp: 94838
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 2.5 17.7 26.5#
61 3.2 13.7 20.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.783 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

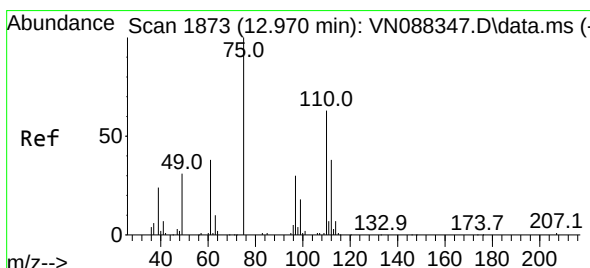
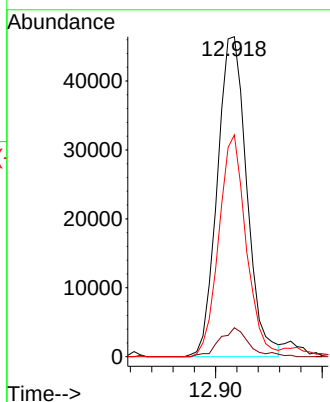
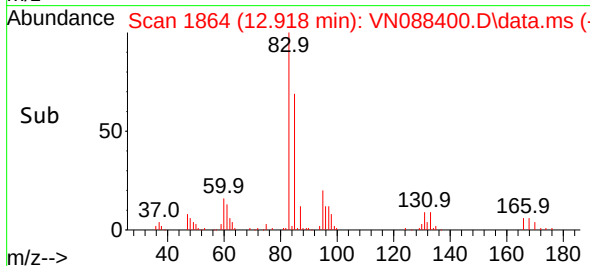
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



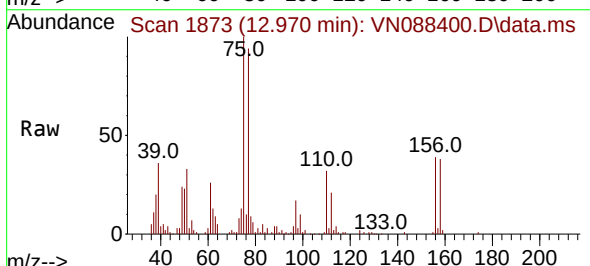
Tgt Ion: 83 Resp: 89094
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.4
85 64.3 32.1 96.5

Manual Integrations
APPROVED

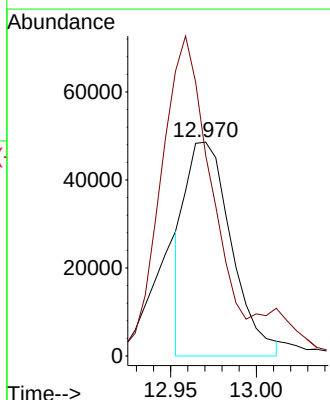
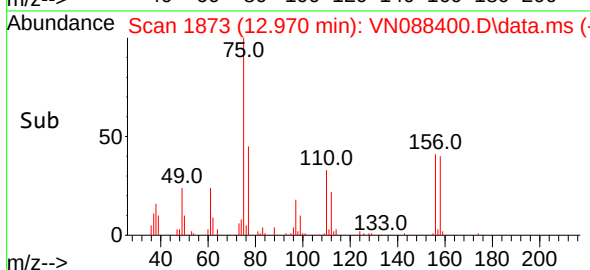
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

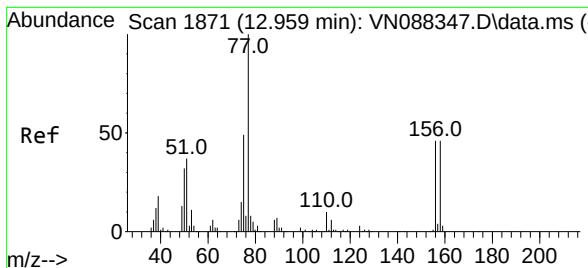


#76
1,2,3-Trichloropropane
Concen: 20.545 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



Tgt Ion: 75 Resp: 90661
Ion Ratio Lower Upper
75 100
77 171.9 87.2 261.6





#77

Bromobenzene

Concen: 19.215 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS02

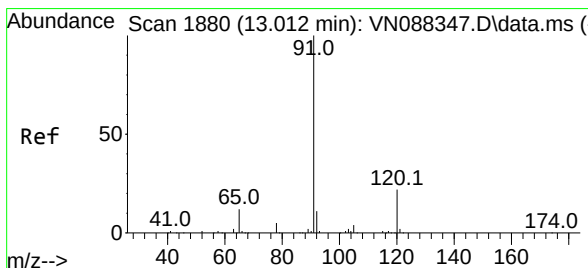
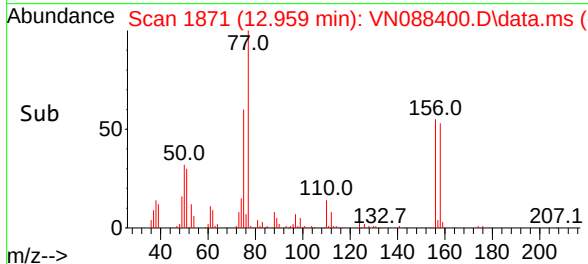
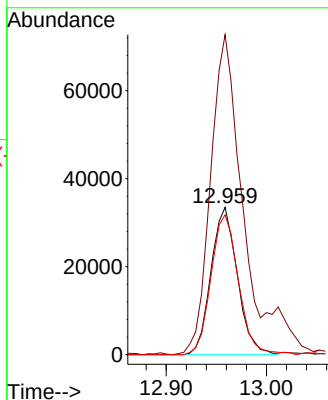
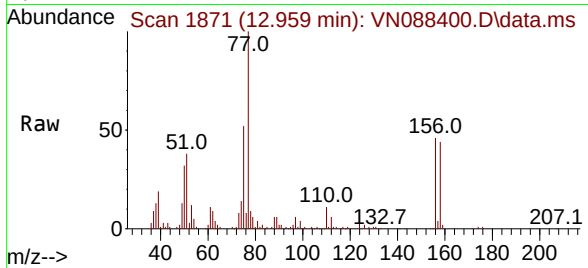
Tgt Ion:	156	Resp:	6124
Ion Ratio	Lower	Upper	
156	100		
77	254.5	121.6	364.7
158	98.5	48.6	145.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#78

n-propylbenzene

Concen: 19.188 ug/l

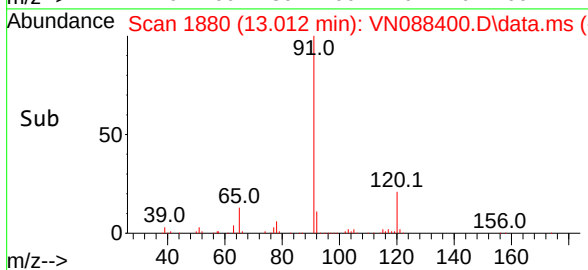
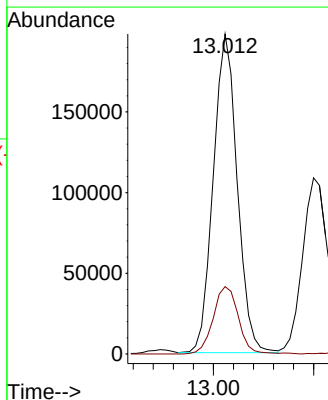
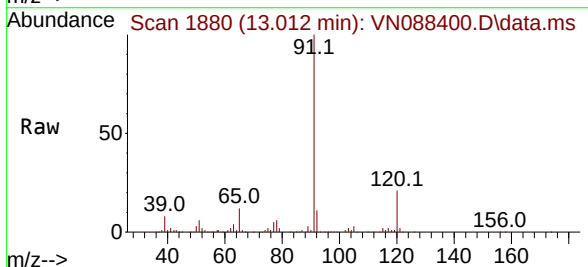
RT: 13.012 min Scan# 1880

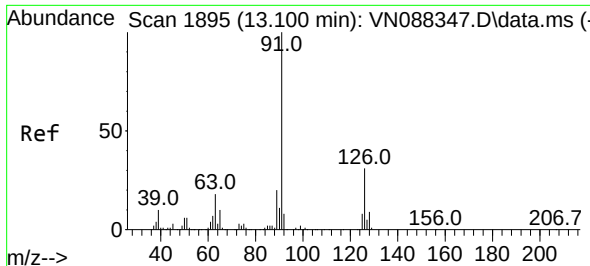
Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

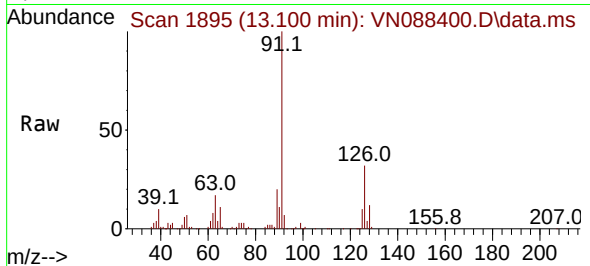
Tgt Ion:	91	Resp:	327010
Ion Ratio	Lower	Upper	
91	100		
120	22.3	10.9	32.6





#79
2-Chlorotoluene
Concen: 18.785 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

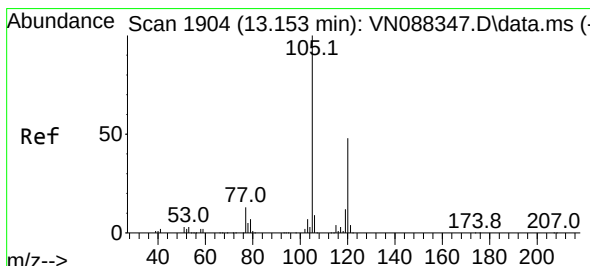
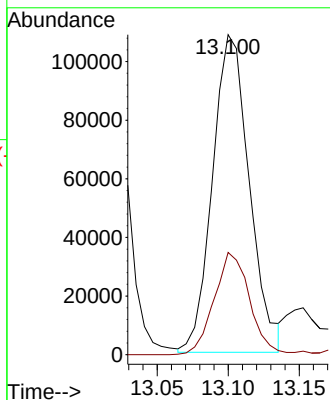
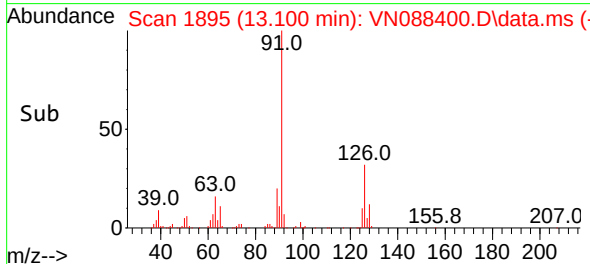
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



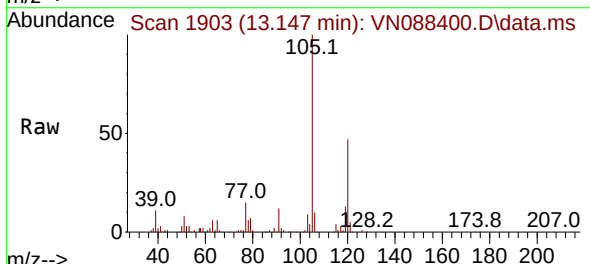
Tgt Ion: 91 Resp: 195499
Ion Ratio Lower Upper
91 100
126 31.0 15.3 45.9

Manual Integrations
APPROVED

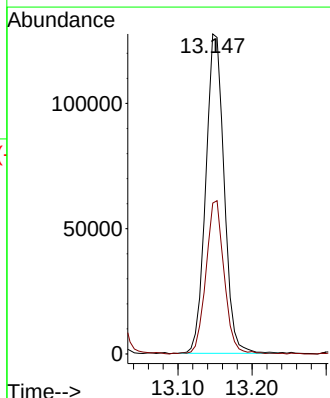
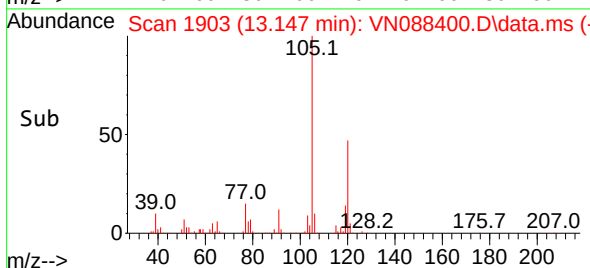
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

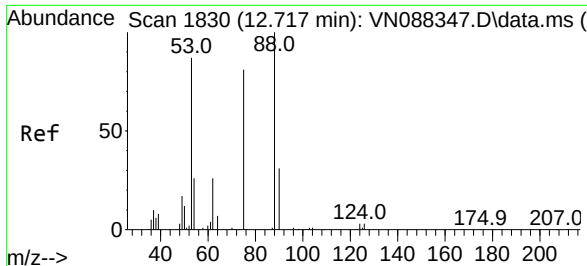


#80
1,3,5-Trimethylbenzene
Concen: 18.988 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



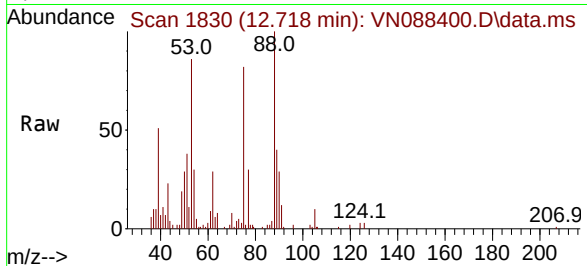
Tgt Ion:105 Resp: 219187
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.522 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

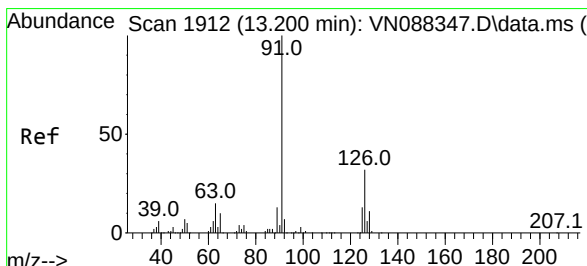
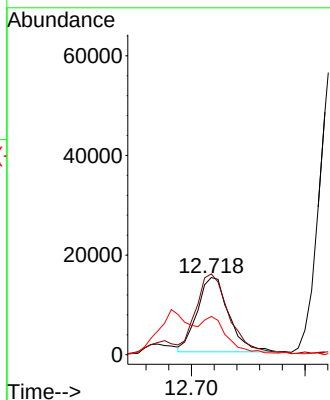
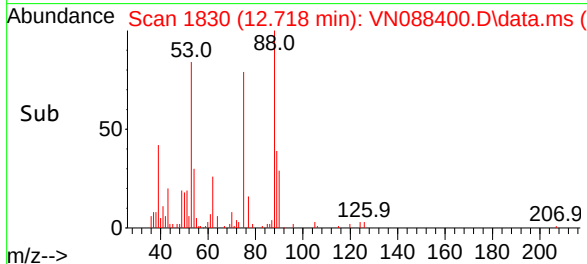
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



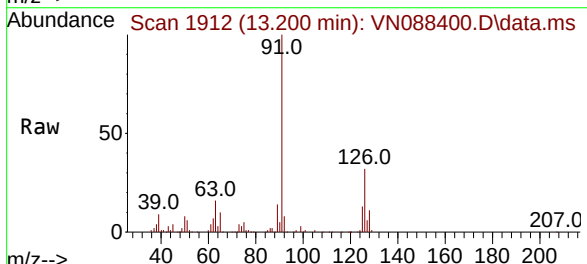
Tgt Ion: 75 Resp: 2881
Ion Ratio Lower Upper
75 100
53 115.2 92.2 138.4
89 37.7 0.0 0.0

Manual Integrations
APPROVED

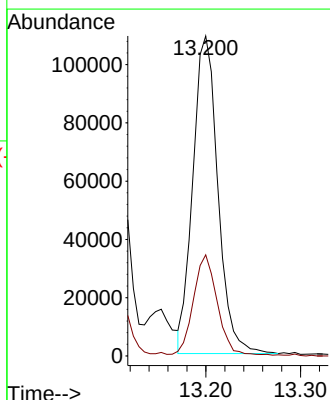
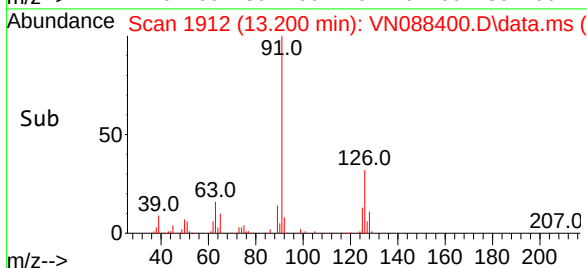
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

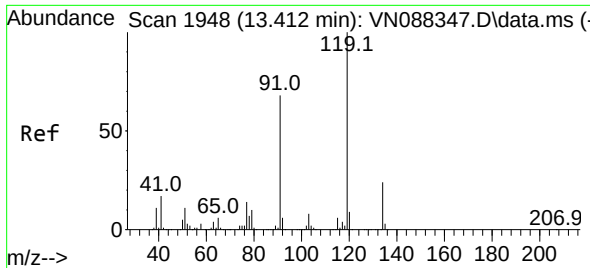


#82
4-Chlorotoluene
Concen: 19.337 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



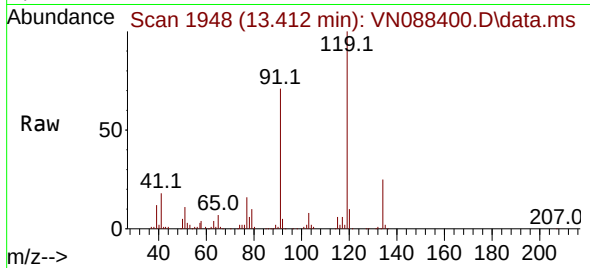
Tgt Ion: 91 Resp: 199887
Ion Ratio Lower Upper
91 100
126 30.3 15.6 46.7





#83
tert-Butylbenzene
Concen: 18.695 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

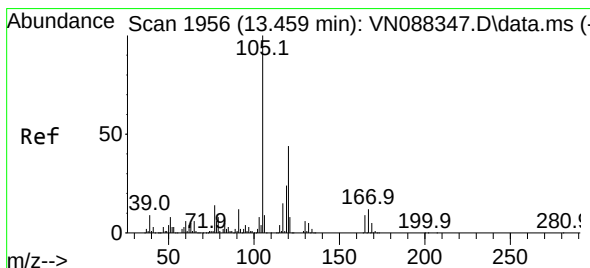
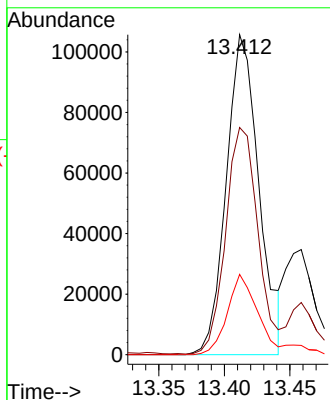
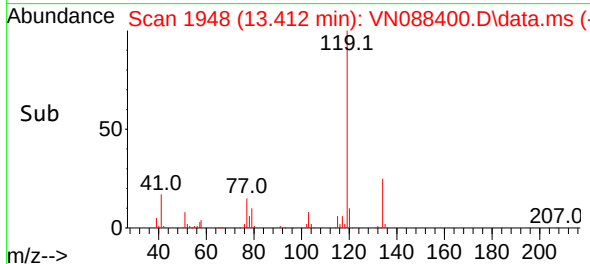
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



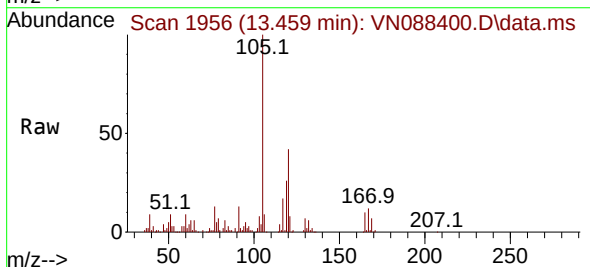
Tgt Ion:119 Resp: 183448
Ion Ratio Lower Upper
119 100
91 69.7 35.1 105.3
134 25.4 12.8 38.4

Manual Integrations
APPROVED

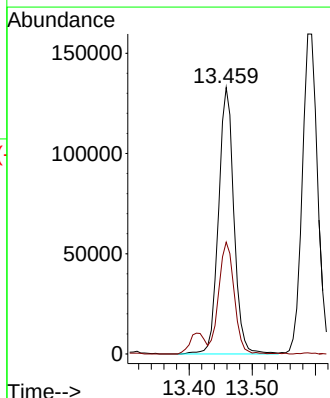
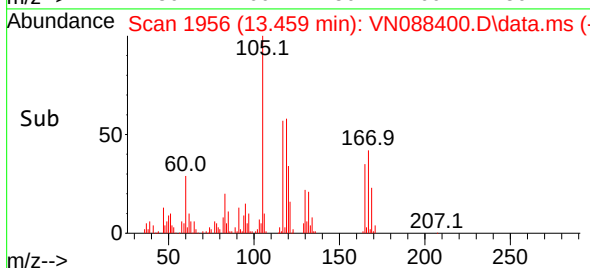
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

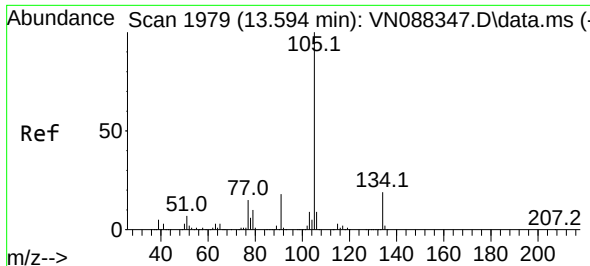


#84
1,2,4-Trimethylbenzene
Concen: 19.647 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



Tgt Ion:105 Resp: 225422
Ion Ratio Lower Upper
105 100
120 42.0 22.1 66.1





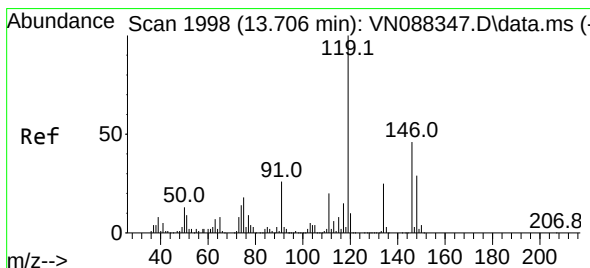
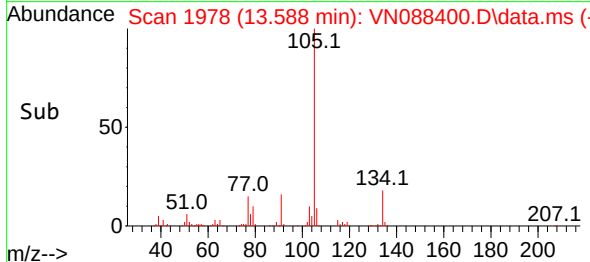
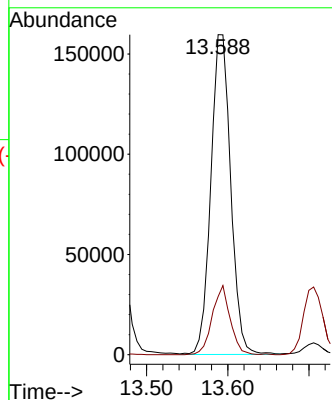
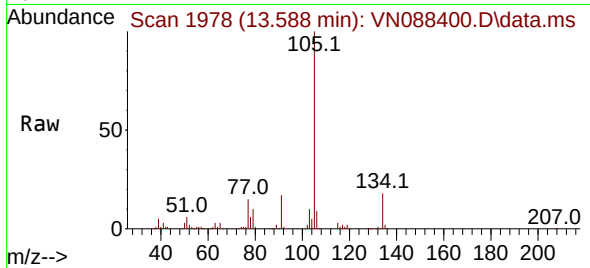
#85
 sec-Butylbenzene
 Concen: 19.220 ug/l
 RT: 13.588 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS02

Tgt Ion:105 Resp: 270952
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.5 28.5

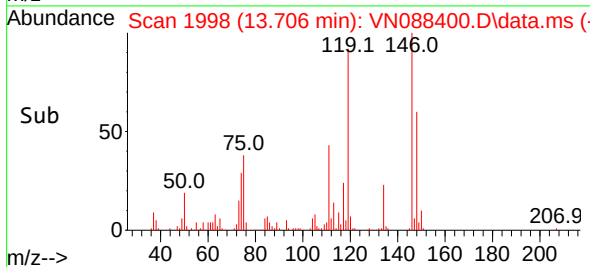
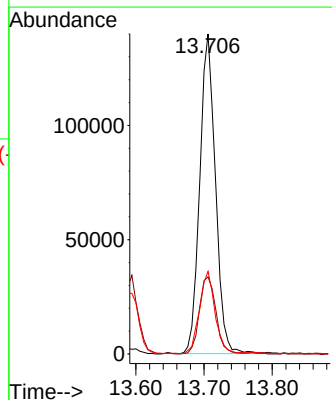
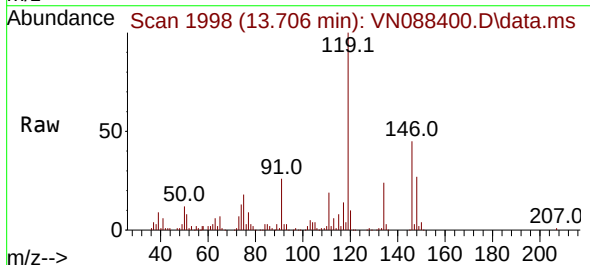
Manual Integrations
 APPROVED

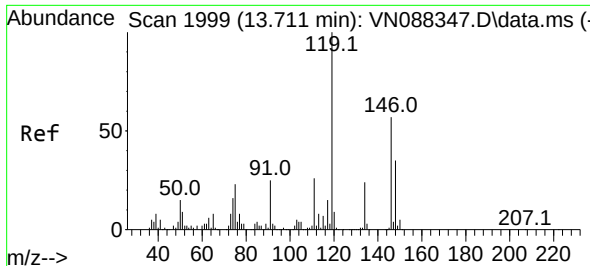
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#86
 p-Isopropyltoluene
 Concen: 19.348 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088400.D
 Acq: 02 Dec 2025 11:34

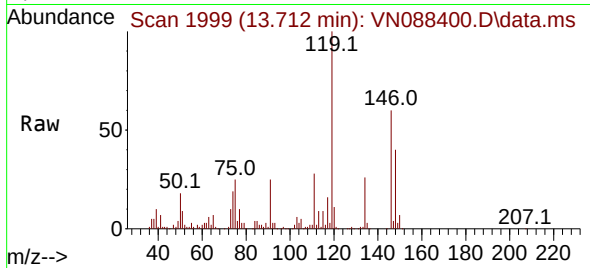
Tgt Ion:119 Resp: 223655
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.2 36.6
 91 25.4 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 18.764 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

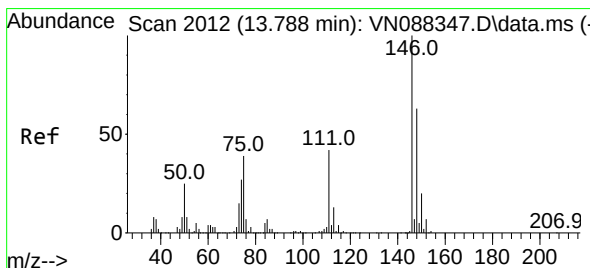
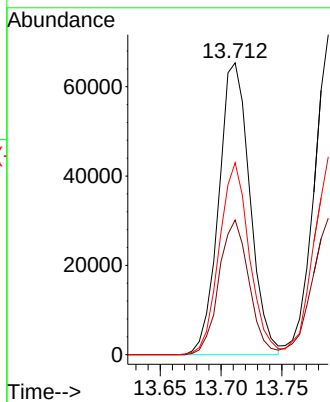
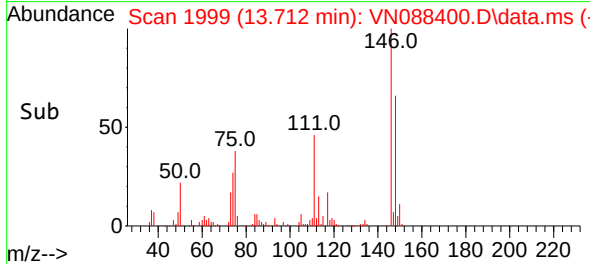
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



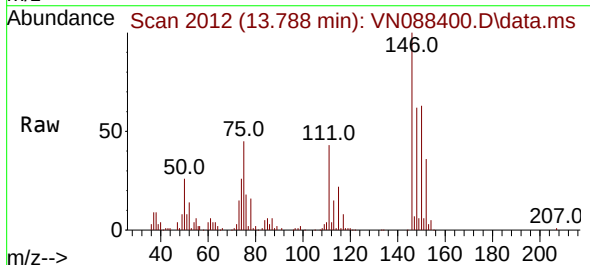
Tgt Ion:146 Resp: 11642
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.0
148 64.0 31.6 94.8

Manual Integrations
APPROVED

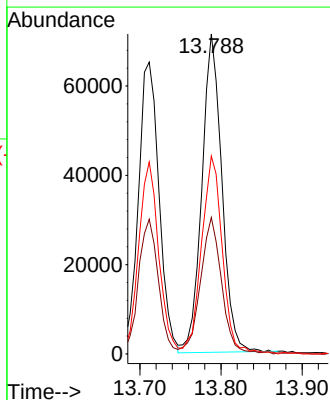
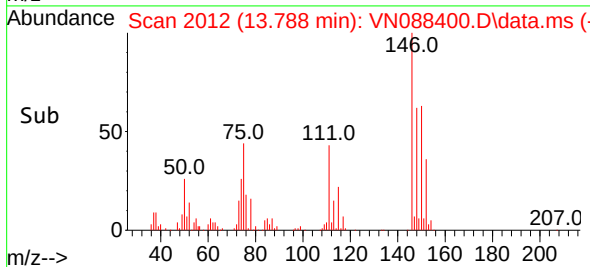
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

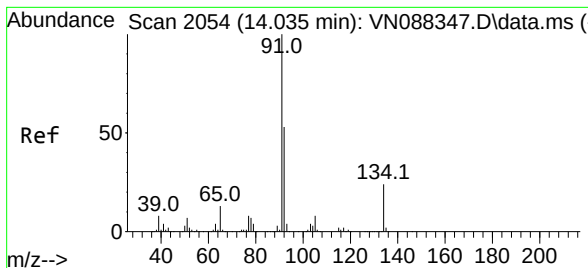


#88
1,4-Dichlorobenzene
Concen: 18.698 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



Tgt Ion:146 Resp: 121526
Ion Ratio Lower Upper
146 100
111 45.6 21.6 64.6
148 65.0 31.0 93.0





#89

n-Butylbenzene

Concen: 18.644 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS02

Tgt Ion: 91 Resp: 209250

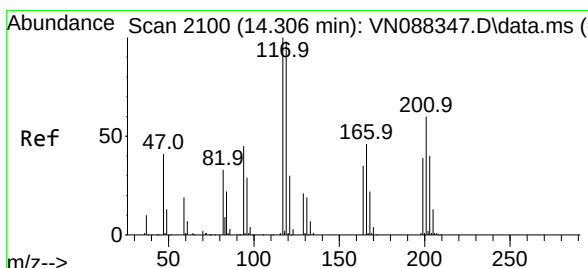
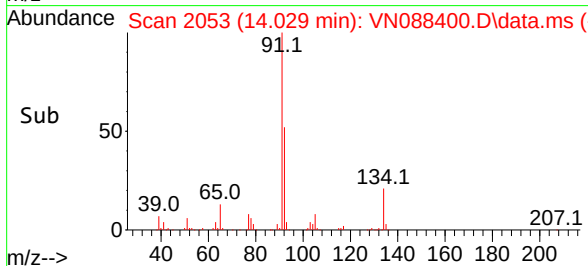
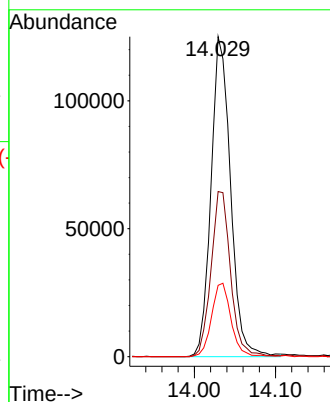
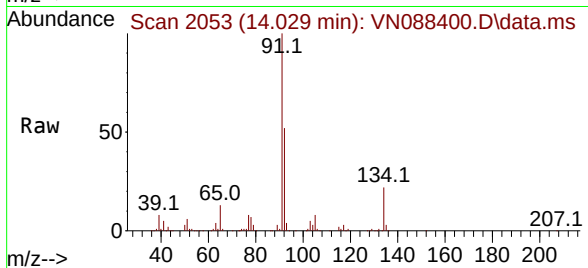
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.3
134	22.9	11.7	35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#90

Hexachloroethane

Concen: 19.661 ug/l

RT: 14.306 min Scan# 2100

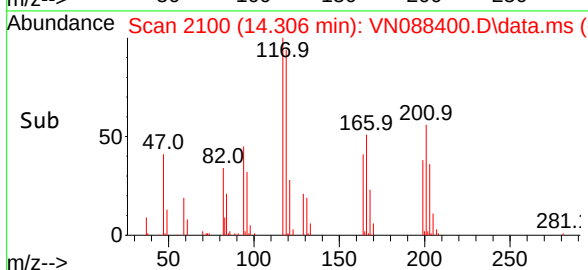
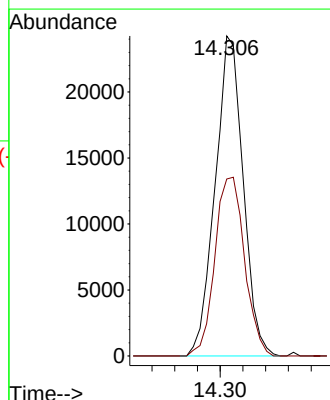
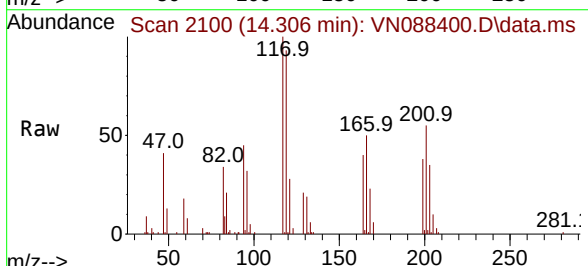
Delta R.T. 0.000 min

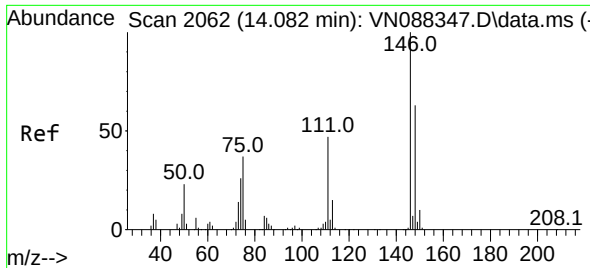
Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Tgt Ion:117 Resp: 41518

Ion	Ratio	Lower	Upper
117	100		
201	59.2	30.3	90.9





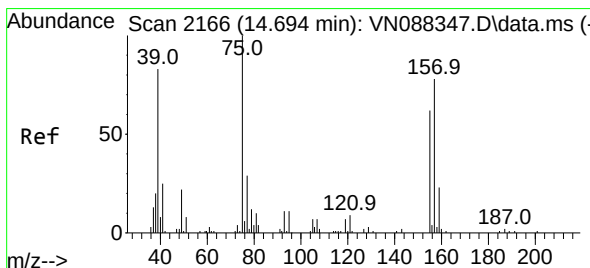
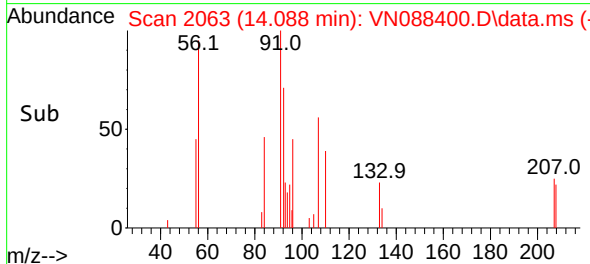
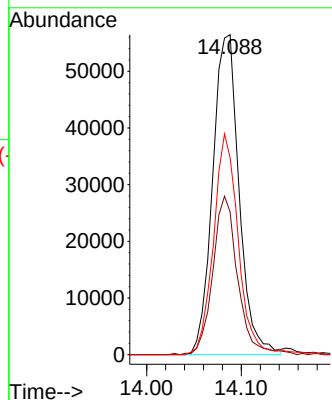
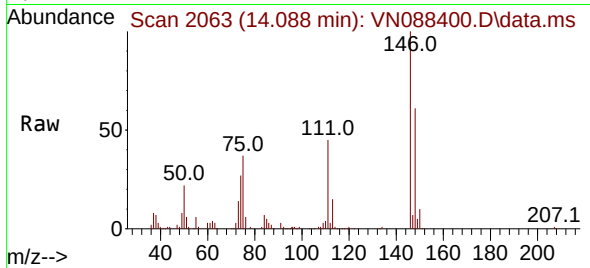
#91
1,2-Dichlorobenzene
Concen: 18.750 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02

Tgt Ion:146 Resp: 10948
Ion Ratio Lower Upper
146 100
111 46.7 23.3 69.9
148 65.2 31.8 95.4

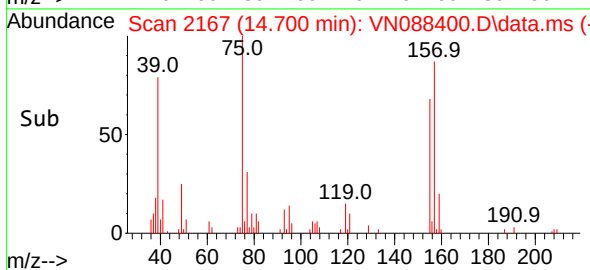
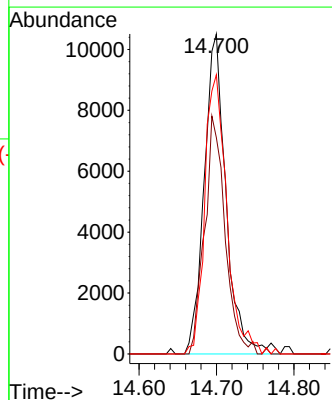
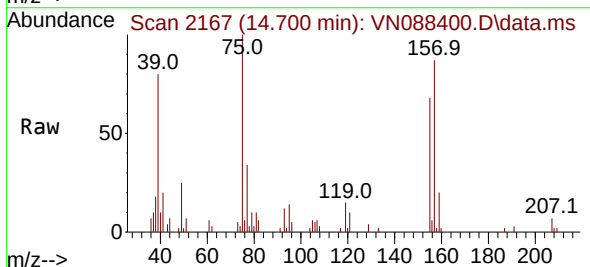
Manual Integrations
APPROVED

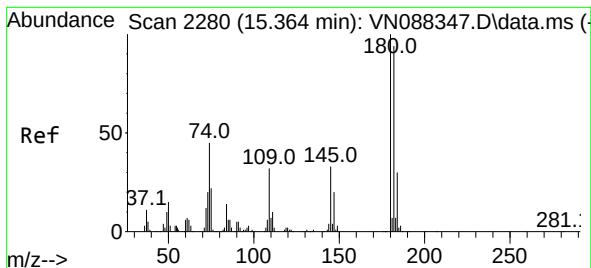
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.831 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

Tgt Ion: 75 Resp: 20576
Ion Ratio Lower Upper
75 100
155 69.9 33.7 101.1
157 88.4 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 18.158 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS02

Tgt Ion:180 Resp: 62990

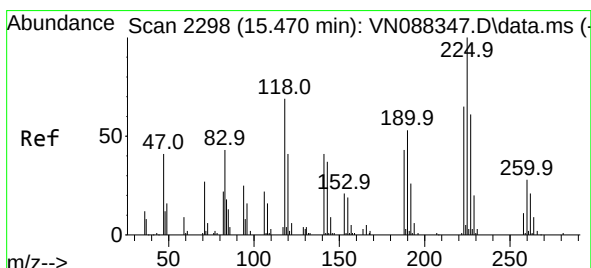
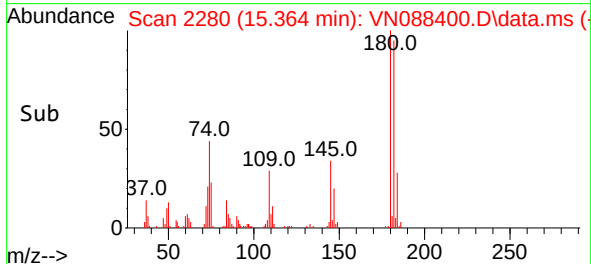
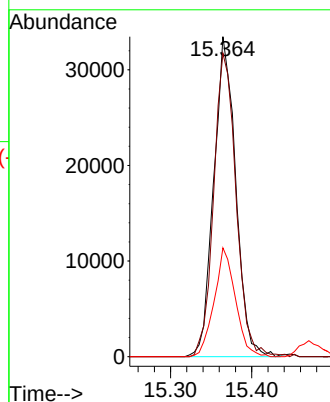
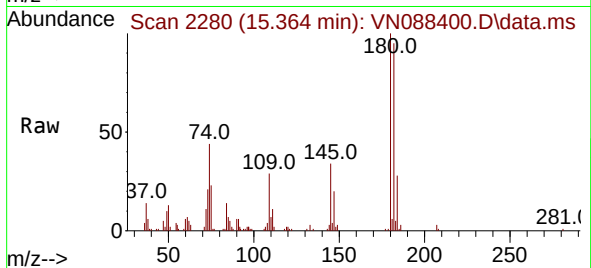
Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.1	138.2
145	32.8	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#94

Hexachlorobutadiene

Concen: 19.255 ug/l

RT: 15.476 min Scan# 2299

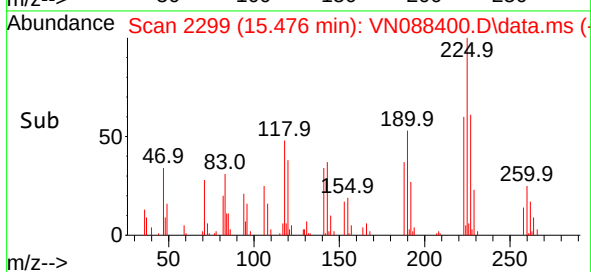
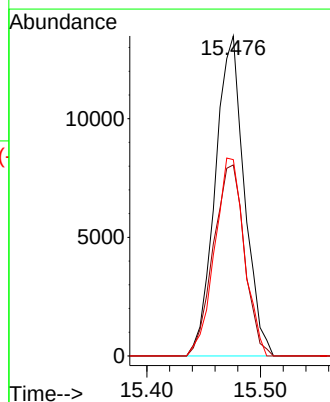
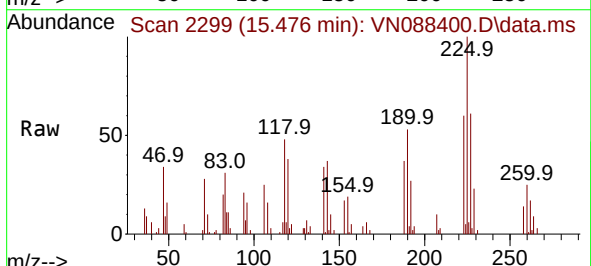
Delta R.T. 0.006 min

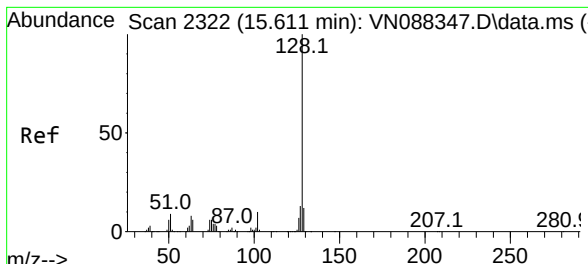
Lab File: VN088400.D

Acq: 02 Dec 2025 11:34

Tgt Ion:225 Resp: 24005

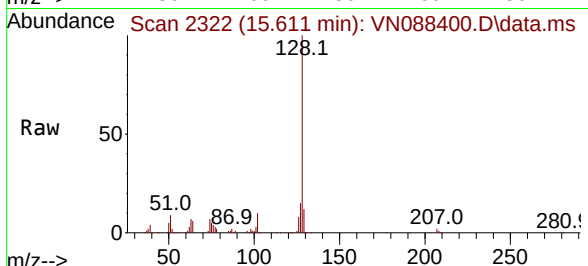
Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.3	96.8
227	62.7	29.9	89.8





#95
Naphthalene
Concen: 17.825 ug/l
RT: 15.611 min Scan# 21428
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34

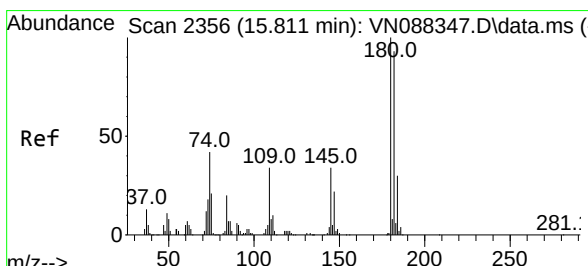
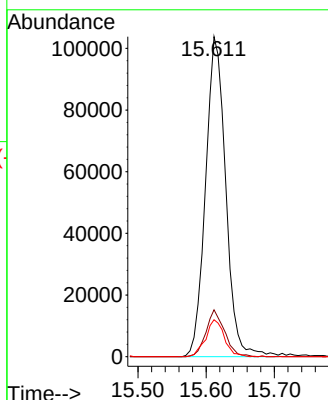
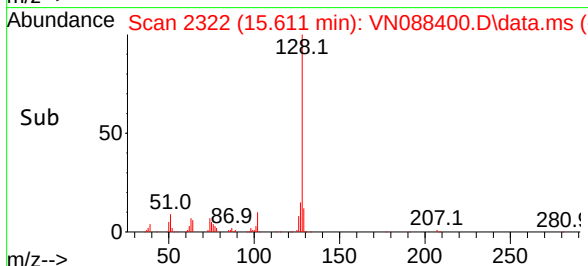
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS02



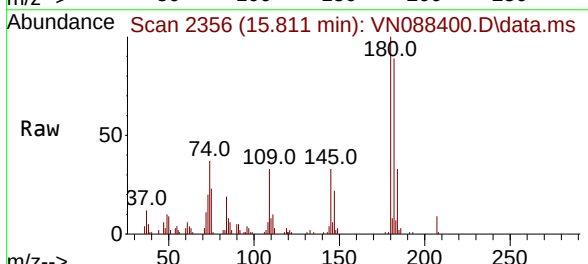
Tgt Ion:128 Resp: 21428
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.7 9.0 13.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.528 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088400.D
Acq: 02 Dec 2025 11:34



Tgt Ion:180 Resp: 62555
Ion Ratio Lower Upper
180 100
182 91.0 45.9 137.7
145 35.7 17.8 53.4

