

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088483.D
 Acq On : 09 Dec 2025 16:43
 Operator : JC\MD
 Sample : VN1209WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/11/2025

Quant Time: Dec 10 05:10:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	235053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	467929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	418716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	205139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	272741	61.596	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.200%			
35) Dibromofluoromethane	8.147	113	172133	53.083	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.160%			
50) Toluene-d8	10.541	98	626340	51.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.823	95	226501	54.712	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	64174	18.177	ug/l	93
3) Chloromethane	2.383	50	75907	20.019	ug/l	100
4) Vinyl Chloride	2.536	62	73312	19.005	ug/l	96
5) Bromomethane	2.989	94	36782	19.811	ug/l	94
6) Chloroethane	3.148	64	49797	20.860	ug/l #	88
7) Trichlorofluoromethane	3.524	101	108148	19.947	ug/l	96
8) Diethyl Ether	3.965	74	47989	23.583	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	54876	19.012	ug/l	98
10) Methyl Iodide	4.583	142	50589	17.705	ug/l	89
11) Tert butyl alcohol	5.506	59	63877	90.356	ug/l	100
12) 1,1-Dichloroethene	4.347	96	57178	19.939	ug/l	97
13) Acrolein	4.177	56	69610	102.849	ug/l	97
14) Allyl chloride	5.018	41	115612	21.751	ug/l	98
15) Acrylonitrile	5.700	53	221042	108.371	ug/l	97
16) Acetone	4.424	43	231634	144.647	ug/l	96
17) Carbon Disulfide	4.712	76	170756	18.222	ug/l	100
18) Methyl Acetate	5.012	43	107757	22.606	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	255924	23.820	ug/l	100
20) Methylene Chloride	5.265	84	73829	21.549	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	66656	20.983	ug/l	97
22) Diisopropyl ether	6.653	45	273397	24.093	ug/l	94
23) Vinyl Acetate	6.588	43	1207998	132.128	ug/l	99
24) 1,1-Dichloroethane	6.547	63	147108	22.892	ug/l	98
25) 2-Butanone	7.465	43	311478	120.991	ug/l	99
26) 2,2-Dichloropropane	7.471	77	123326	22.233	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	82519	22.352	ug/l	97
28) Bromochloromethane	7.794	49	66577	20.797	ug/l	100
29) Tetrahydrofuran	7.824	42	196344	106.331	ug/l	99
30) Chloroform	7.947	83	149910	23.741	ug/l	95
31) Cyclohexane	8.235	56	108905	18.701	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	121344	21.856	ug/l	96
36) 1,1-Dichloropropene	8.347	75	90745	18.132	ug/l	98
37) Ethyl Acetate	7.541	43	132152	20.083	ug/l	98
38) Carbon Tetrachloride	8.341	117	95680	19.205	ug/l	97
39) Methylcyclohexane	9.576	83	87000	16.252	ug/l	98
40) Benzene	8.582	78	300011	20.425	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	67507	20.713	ug/l	96
42) 1,2-Dichloroethane	8.647	62	128852	22.993	ug/l	98
43) Isopropyl Acetate	8.671	43	205013	20.391	ug/l	98
44) Trichloroethene	9.329	130	65613	18.905	ug/l	95
45) 1,2-Dichloropropane	9.600	63	81317	21.608	ug/l	93
46) Dibromomethane	9.688	93	58178	21.662	ug/l	96
47) Bromodichloromethane	9.865	83	119090	21.732	ug/l	100
48) Methyl methacrylate	9.659	41	93578	20.399	ug/l	98
49) 1,4-Dioxane	9.682	88	16357	280.379	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	636142	107.345	ug/l	98
52) Toluene	10.606	92	184498	21.753	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	122711	21.816	ug/l	96
54) cis-1,3-Dichloropropene	10.288	75	127859	21.615	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	70047	21.346	ug/l	95
56) Ethyl methacrylate	10.853	69	113315	21.861	ug/l	96
57) 1,3-Dichloropropane	11.141	76	129599	21.892	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.135	63	288458	96.529	ug/l	100
59) 2-Hexanone	11.176	43	390494	104.600	ug/l	99
60) Dibromochloromethane	11.335	129	82618	22.086	ug/l	98
61) 1,2-Dibromoethane	11.447	107	72317	21.763	ug/l	98
64) Tetrachloroethene	11.082	164	53866	16.227	ug/l	94
65) Chlorobenzene	11.870	112	192373	20.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	68783	21.684	ug/l	97
67) Ethyl Benzene	11.941	91	326544	19.865	ug/l	97
68) m/p-Xylenes	12.047	106	241352	39.600	ug/l	95
69) o-Xylene	12.370	106	117218	20.173	ug/l	99
70) Styrene	12.388	104	200374	21.238	ug/l	98
71) Bromoform	12.553	173	47308	20.361	ug/l #	95
73) Isopropylbenzene	12.670	105	290778	19.171	ug/l	99
74) N-amyl acetate	12.682	43	113480m	21.969	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	105547	21.525	ug/l	99
76) 1,2,3-Trichloropropane	12.965	75	99893m	20.791	ug/l	
77) Bromobenzene	12.959	156	69889	20.138	ug/l	95
78) n-propylbenzene	13.012	91	355951	19.183	ug/l	98
79) 2-Chlorotoluene	13.100	91	223835	19.754	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	246345	19.600	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	33426	19.736	ug/l #	80
82) 4-Chlorotoluene	13.200	91	234070	20.798	ug/l	100
83) tert-Butylbenzene	13.412	119	197103	18.448	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	254068	20.337	ug/l	98
85) sec-Butylbenzene	13.588	105	279631	18.218	ug/l	97
86) p-Isopropyltoluene	13.706	119	231372	18.383	ug/l	98
87) 1,3-Dichlorobenzene	13.706	146	135352	20.035	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	138975	19.639	ug/l	97
89) n-Butylbenzene	14.029	91	218755	17.900	ug/l	100
90) Hexachloroethane	14.306	117	41299	17.962	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	124483	19.581	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22389	18.819	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	68516	18.139	ug/l	97
94) Hexachlorobutadiene	15.470	225	21540	15.869	ug/l	93
95) Naphthalene	15.611	128	235240	17.972	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	62462	16.991	ug/l	91

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ClientSampleId :
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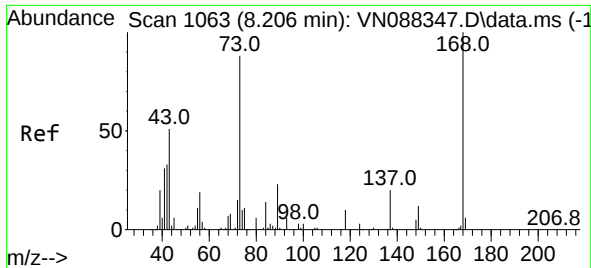
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

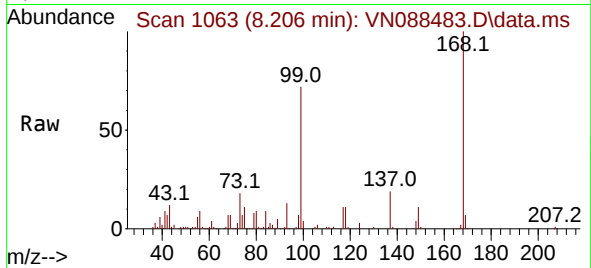
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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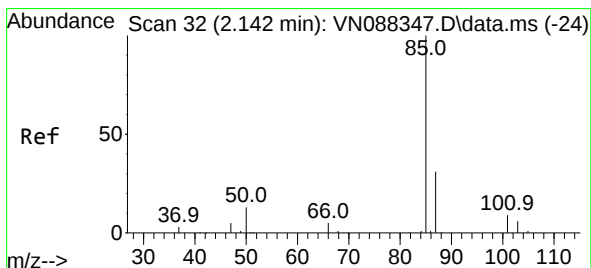
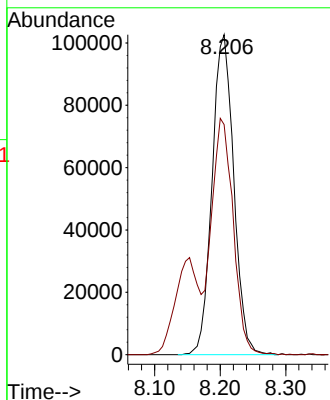
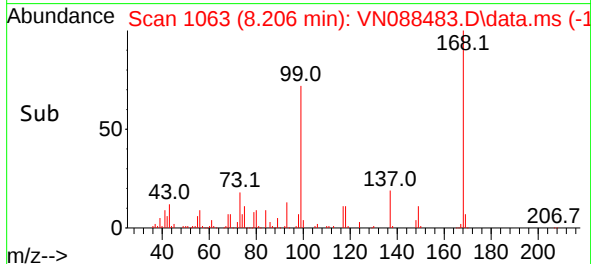
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion:168 Resp: 23505
Ion Ratio Lower Upper
168 100
99 71.9 57.1 85.7

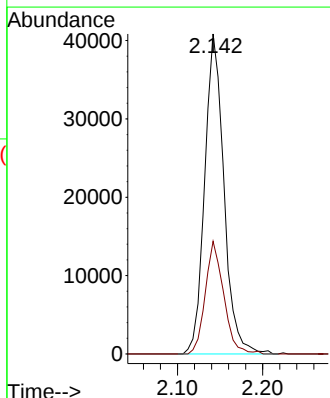
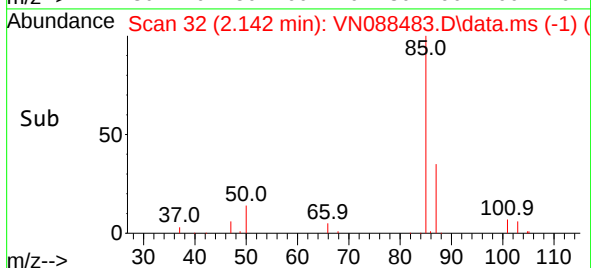
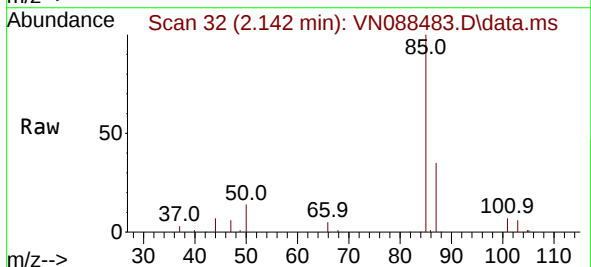
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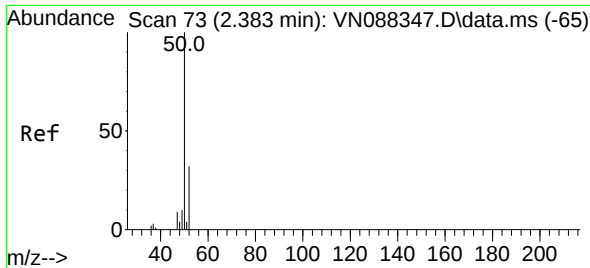
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#2
Dichlorodifluoromethane
Concen: 18.177 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

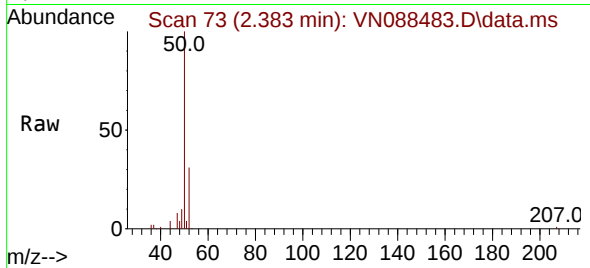
Tgt Ion: 85 Resp: 64174
Ion Ratio Lower Upper
85 100
87 35.2 15.6 46.7





#3
Chloromethane
Concen: 20.019 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

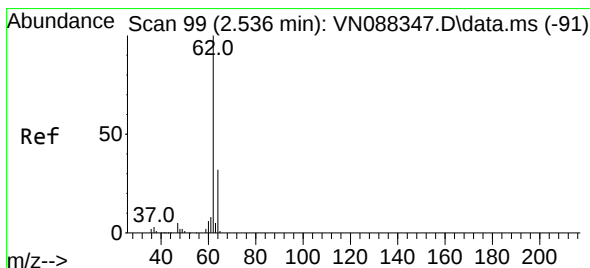
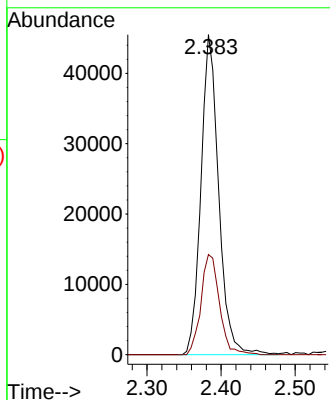
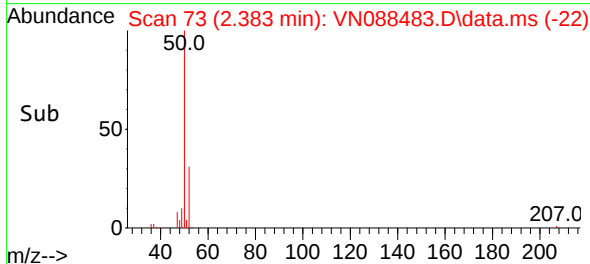
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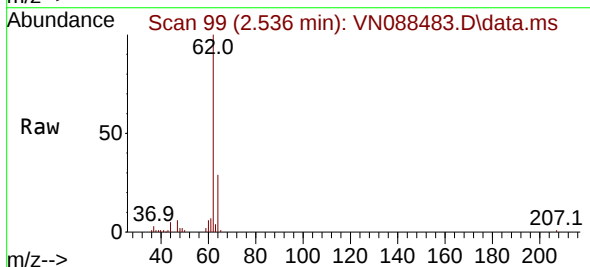
Tgt Ion: 50 Resp: 7590
Ion Ratio Lower Upper
50 100
52 31.3 25.2 37.8

Manual Integrations
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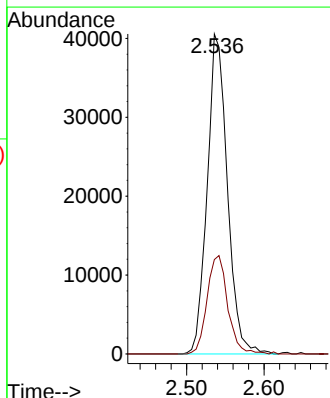
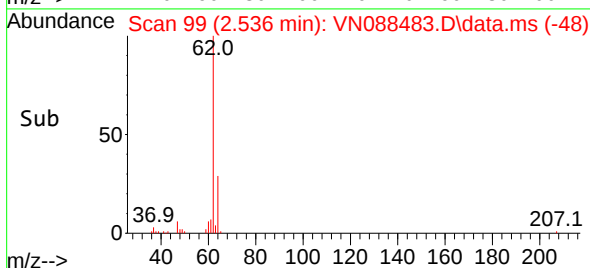
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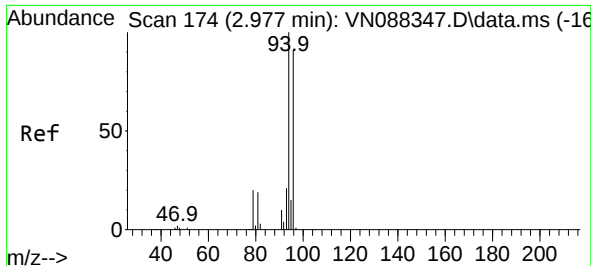


#4
Vinyl Chloride
Concen: 19.005 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



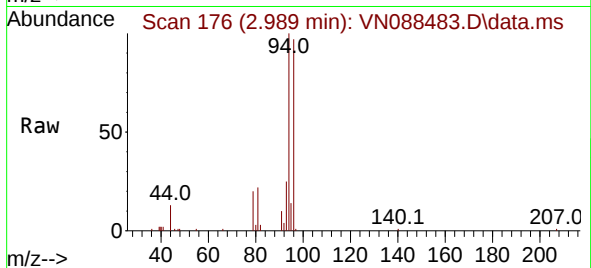
Tgt Ion: 62 Resp: 73312
Ion Ratio Lower Upper
62 100
64 29.5 25.4 38.2





#5
Bromomethane
Concen: 19.811 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

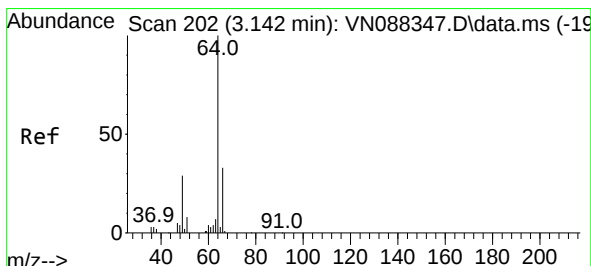
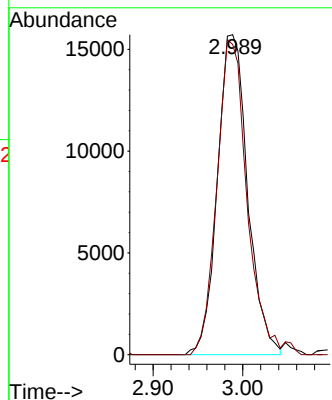
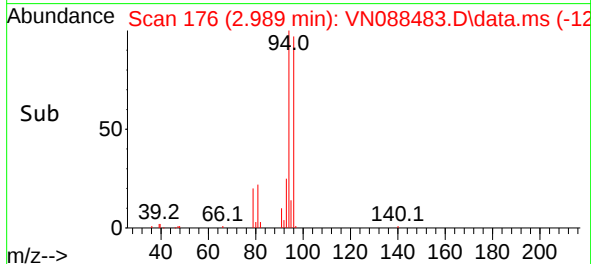
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Tgt Ion: 94 Resp: 3678
Ion Ratio Lower Upper
94 100
96 96.9 73.2 109.8

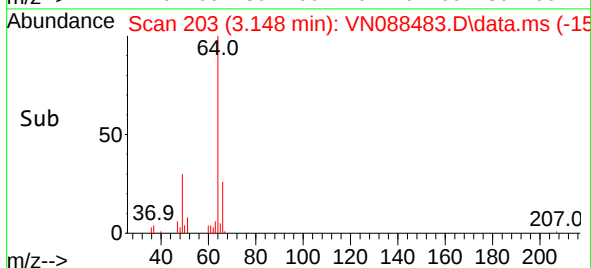
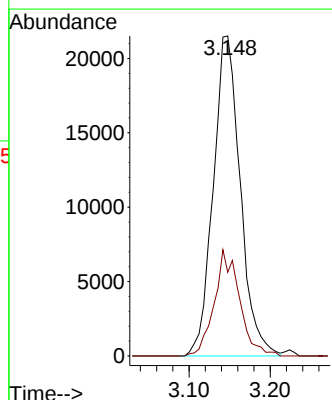
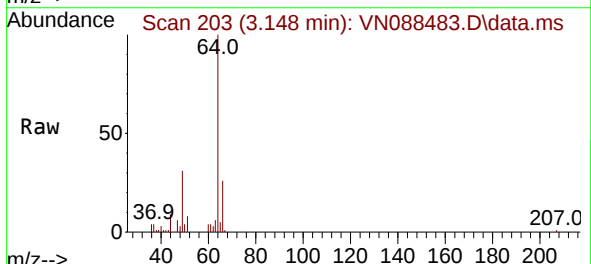
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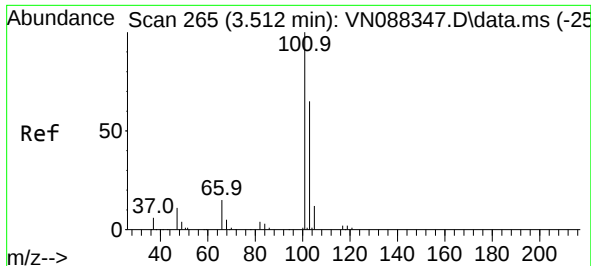
Reviewed By :John Carlone 12/10/2025
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#6
Chloroethane
Concen: 20.860 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion: 64 Resp: 49797
Ion Ratio Lower Upper
64 100
66 26.2 26.4 39.6#





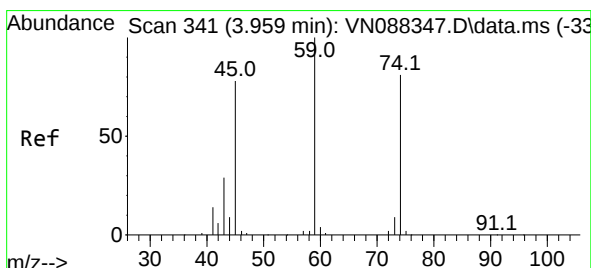
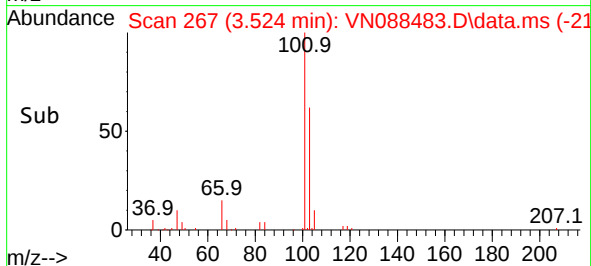
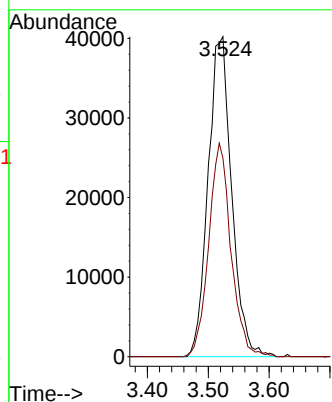
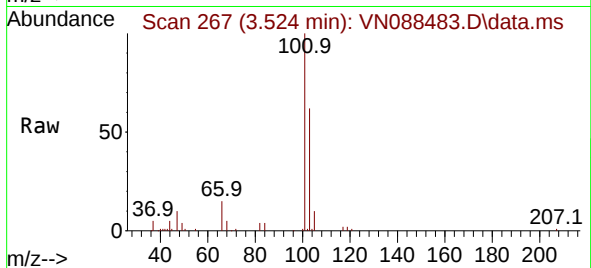
#7
 Trichlorofluoromethane
 Concen: 19.947 ug/l
 RT: 3.524 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VN088483.D
 Acq: 09 Dec 2025 16:43

Instrument :
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Tgt Ion:101 Resp: 10814
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.3 78.5

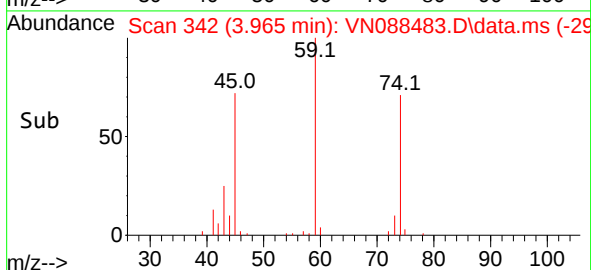
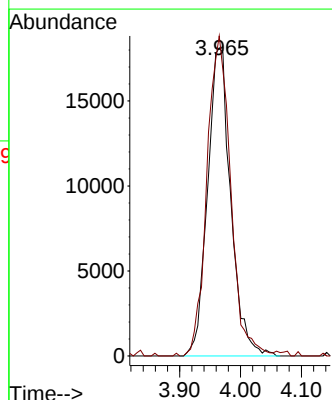
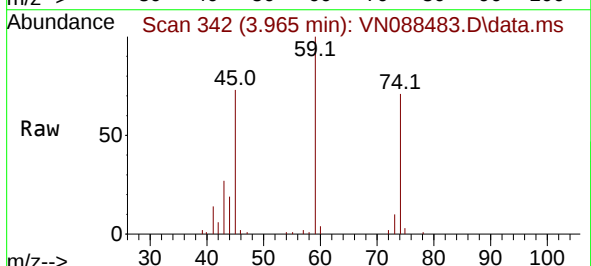
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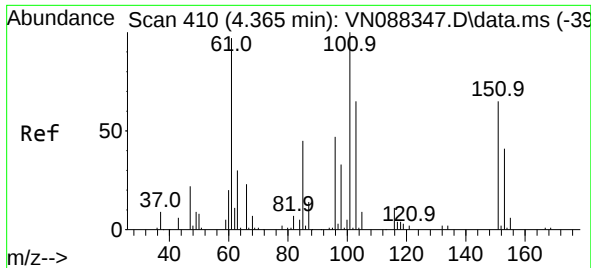
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#8
 Diethyl Ether
 Concen: 23.583 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088483.D
 Acq: 09 Dec 2025 16:43

Tgt Ion: 74 Resp: 47989
 Ion Ratio Lower Upper
 74 100
 45 105.9 54.2 162.6





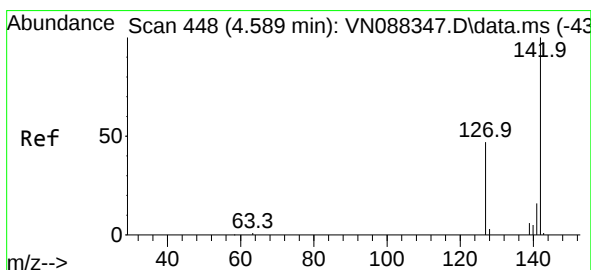
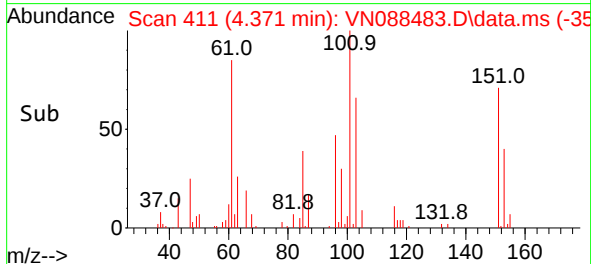
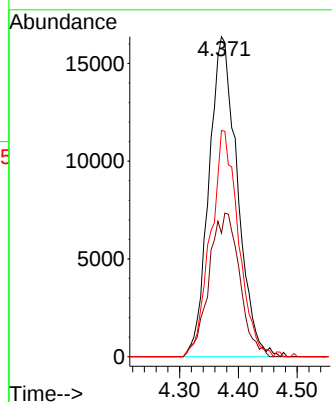
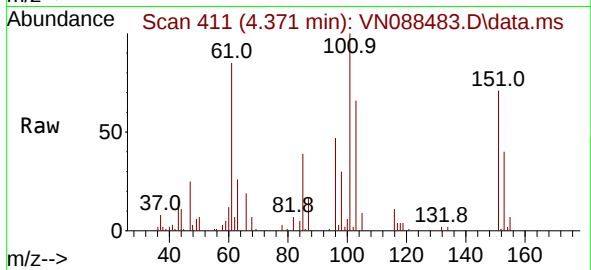
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.012 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:101 Resp: 54870
Ion Ratio Lower Upper
101 100
85 48.3 39.2 58.8
151 69.3 53.6 80.4

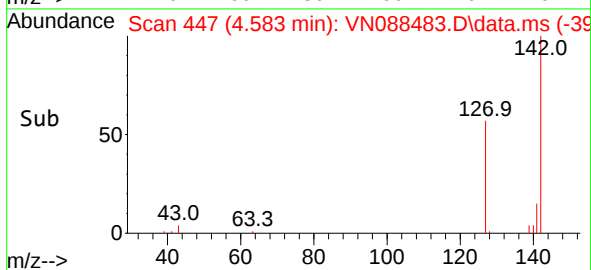
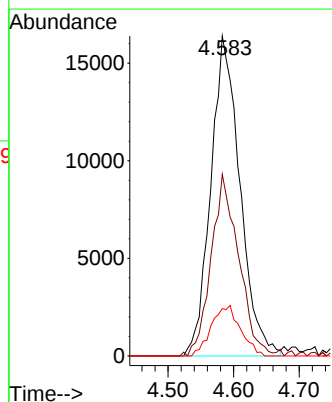
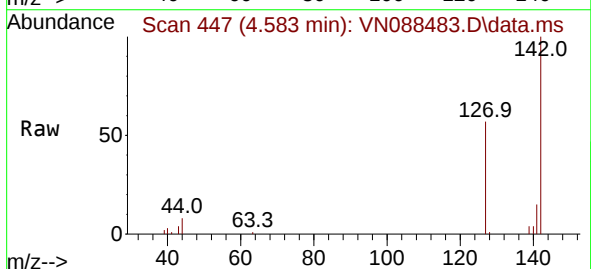
Manual Integrations
APPROVED

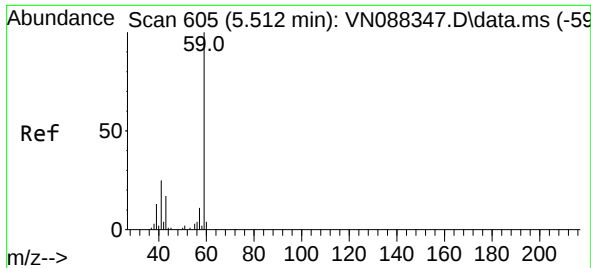
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#10
Methyl Iodide
Concen: 17.705 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

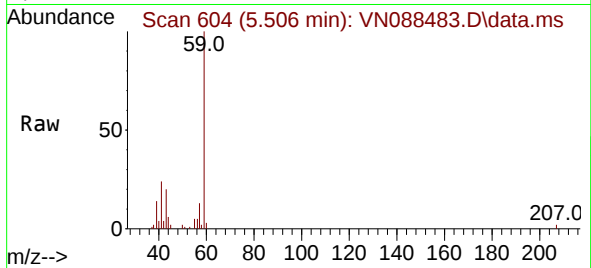
Tgt Ion:142 Resp: 50589
Ion Ratio Lower Upper
142 100
127 56.7 37.9 56.9
141 14.8 12.4 18.6





#11
Tert butyl alcohol
Concen: 90.356 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

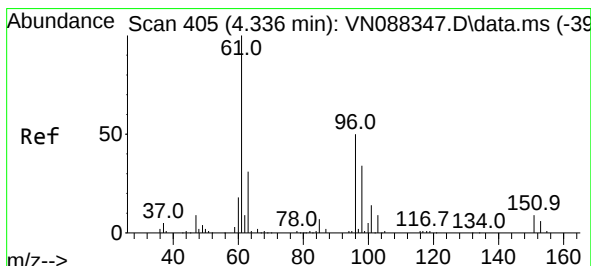
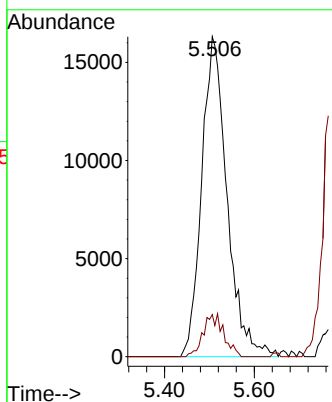
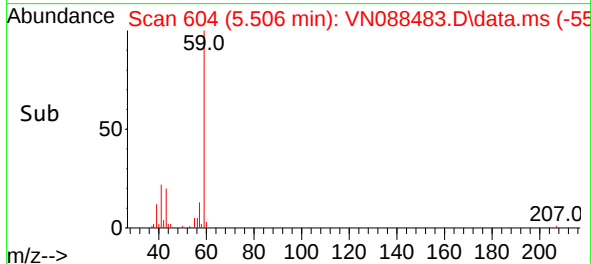
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



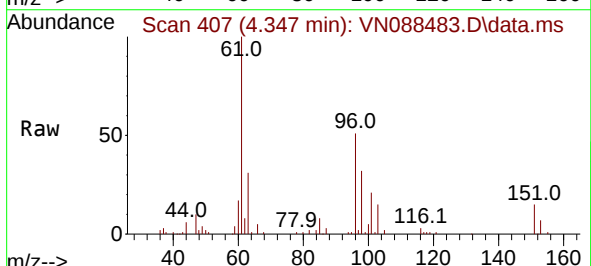
Tgt Ion: 59 Resp: 6387
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

Manual Integrations
APPROVED

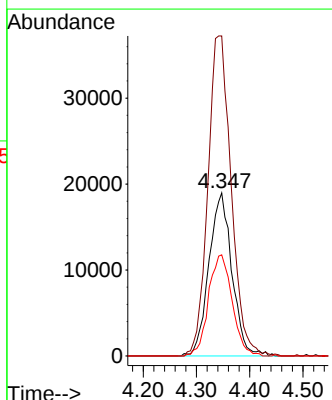
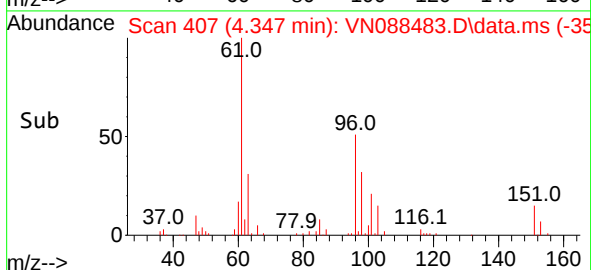
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

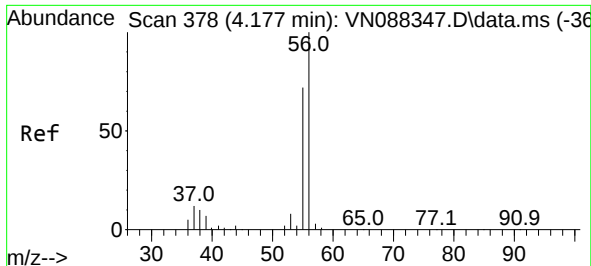


#12
1,1-Dichloroethene
Concen: 19.939 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



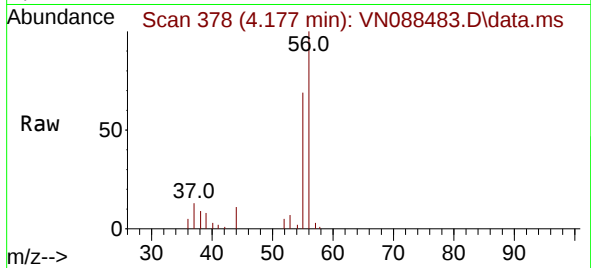
Tgt Ion: 96 Resp: 57178
Ion Ratio Lower Upper
96 100
61 196.3 159.1 238.7
98 62.0 53.7 80.5





#13
Acrolein
Concen: 102.849 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

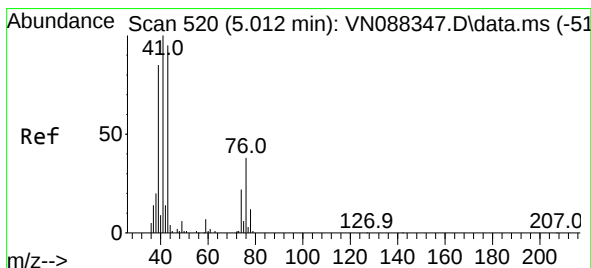
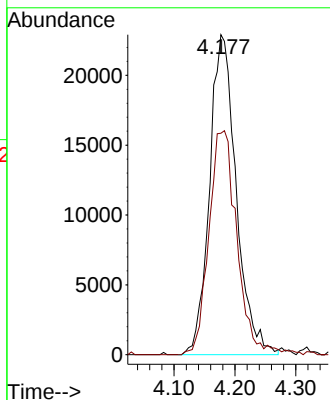
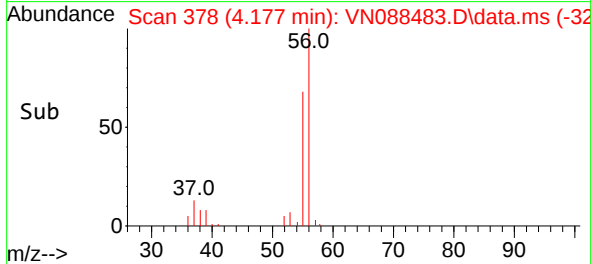
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



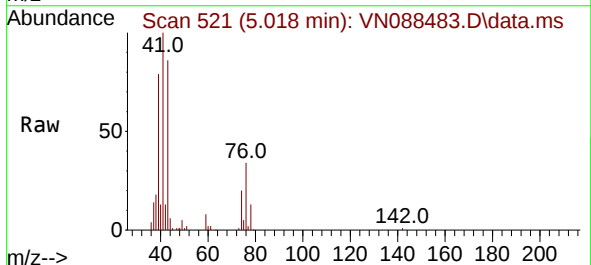
Tgt Ion: 56 Resp: 69610
Ion Ratio Lower Upper
56 100
55 73.3 56.3 84.5

Manual Integrations
APPROVED

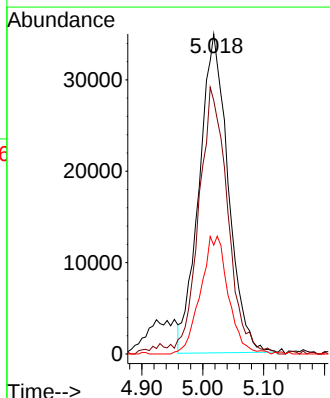
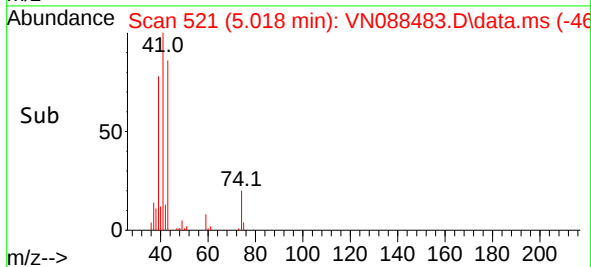
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

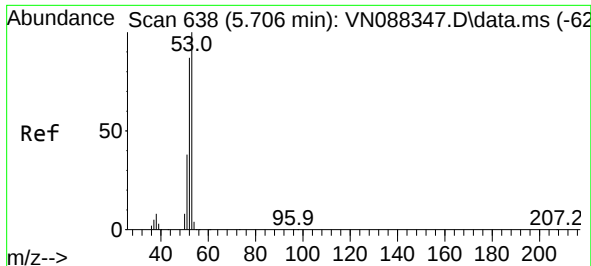


#14
Allyl chloride
Concen: 21.751 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



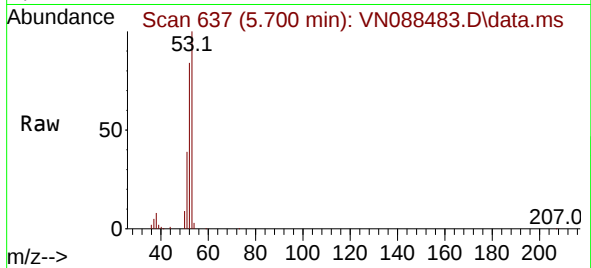
Tgt Ion: 41 Resp: 115612
Ion Ratio Lower Upper
41 100
39 83.1 64.7 97.1
76 35.5 29.1 43.7





#15
Acrylonitrile
Concen: 108.371 ug/l
RT: 5.700 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

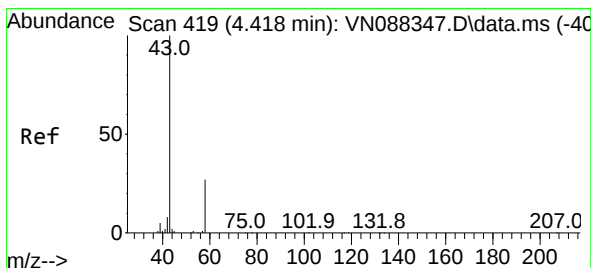
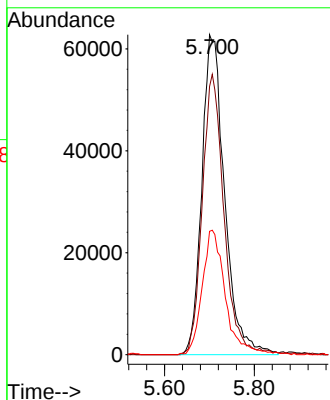
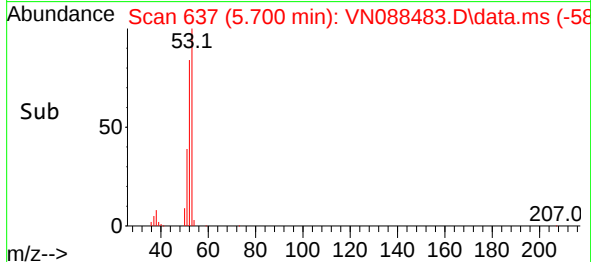
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 53 Resp: 22104
Ion Ratio Lower Upper
53 100
52 82.6 67.8 101.6
51 39.8 29.8 44.8

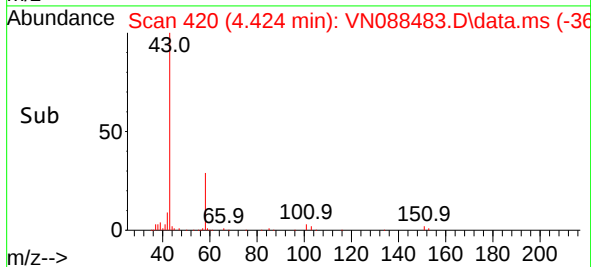
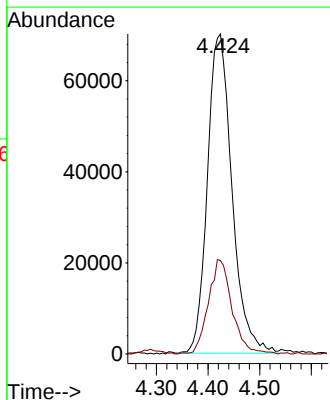
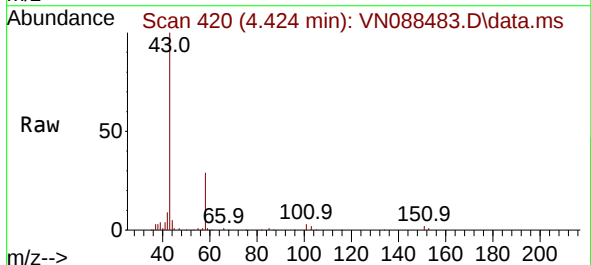
Manual Integrations
APPROVED

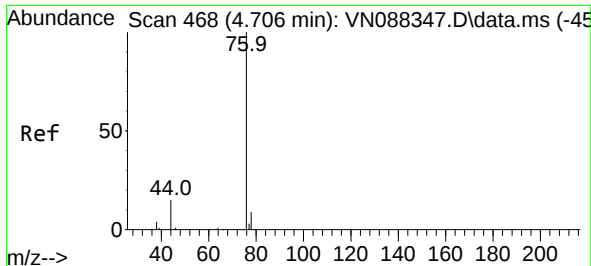
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#16
Acetone
Concen: 144.647 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

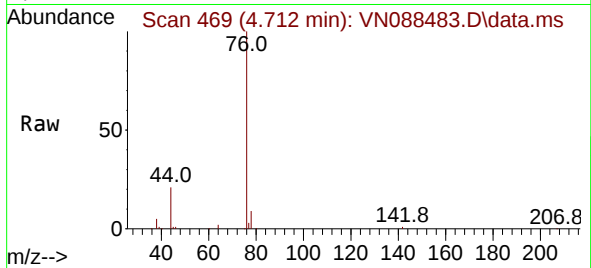
Tgt Ion: 43 Resp: 231634
Ion Ratio Lower Upper
43 100
58 29.2 21.7 32.5





#17
Carbon Disulfide
Concen: 18.222 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

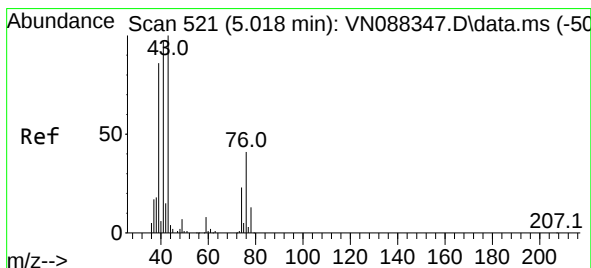
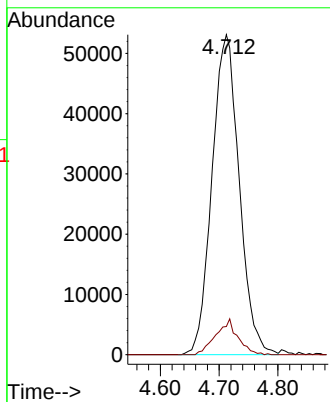
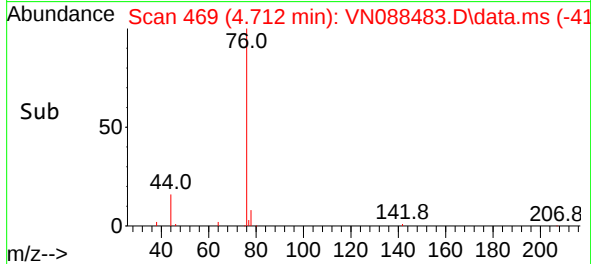
Instrument :
MSVOA_N
Client Sample Id :
VN1209WBS02



Tgt Ion: 76 Resp: 170750
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

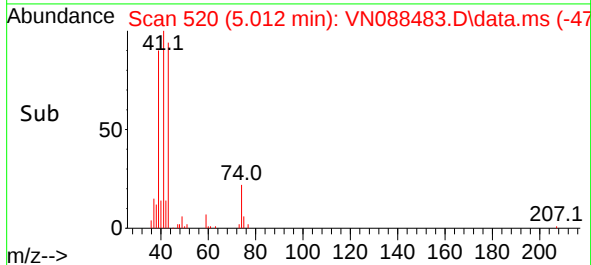
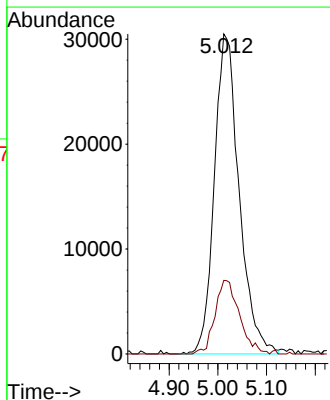
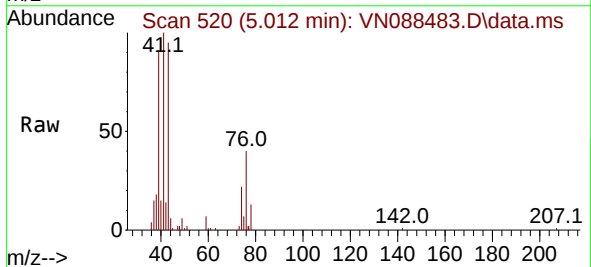
Manual Integrations
APPROVED

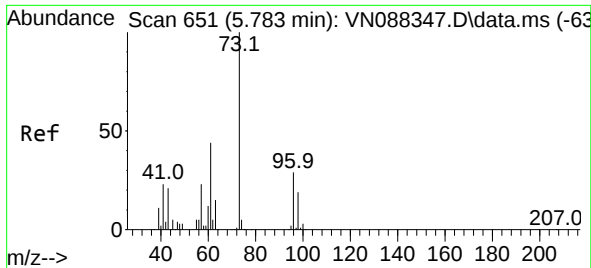
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#18
Methyl Acetate
Concen: 22.606 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion: 43 Resp: 107757
Ion Ratio Lower Upper
43 100
74 22.7 17.9 26.9





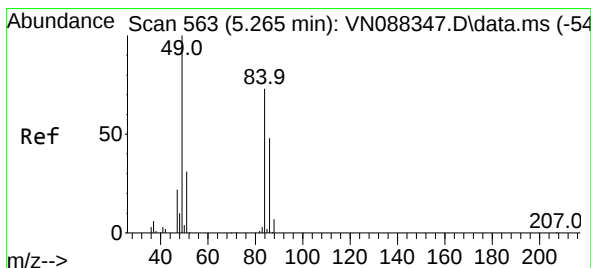
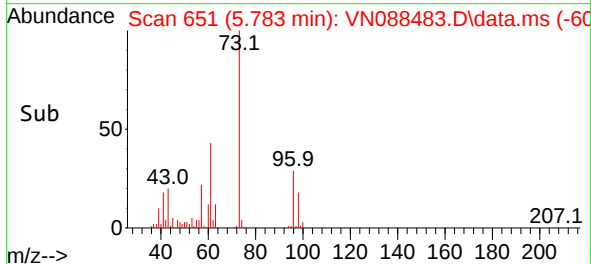
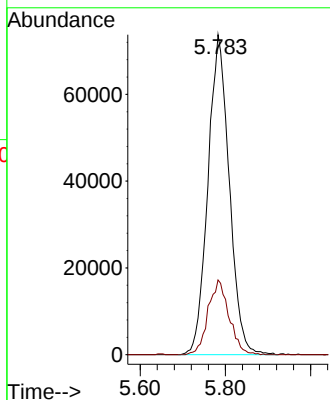
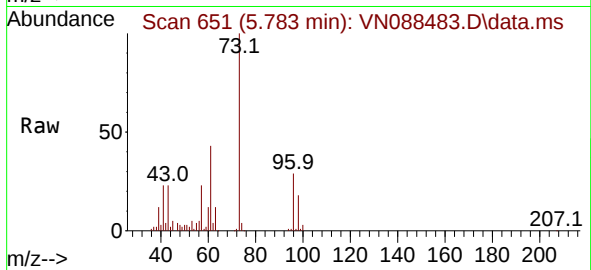
#19
Methyl tert-butyl Ether
Concen: 23.820 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 73 Resp: 255924
Ion Ratio Lower Upper
73 100
57 23.4 18.6 28.0

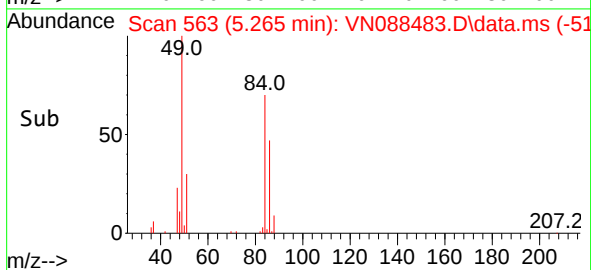
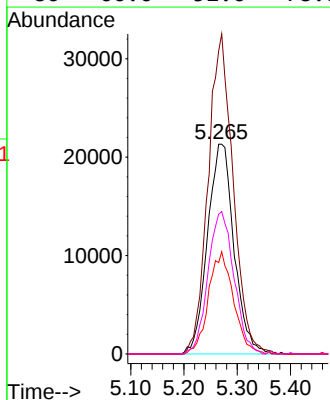
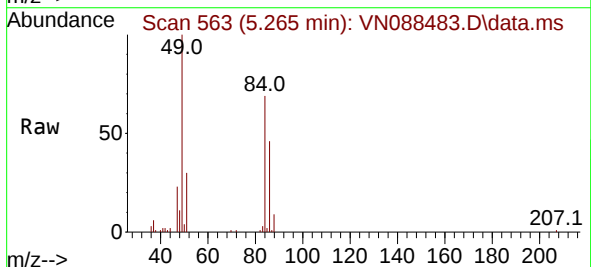
Manual Integrations
APPROVED

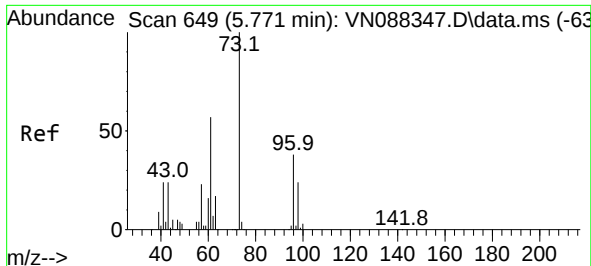
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#20
Methylene Chloride
Concen: 21.549 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

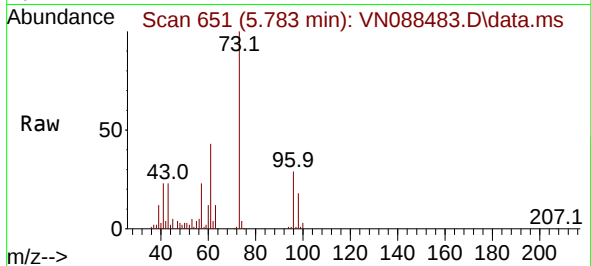
Tgt Ion: 84 Resp: 73829
Ion Ratio Lower Upper
84 100
49 144.4 110.2 165.2
51 43.5 34.1 51.1
86 66.6 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 20.983 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

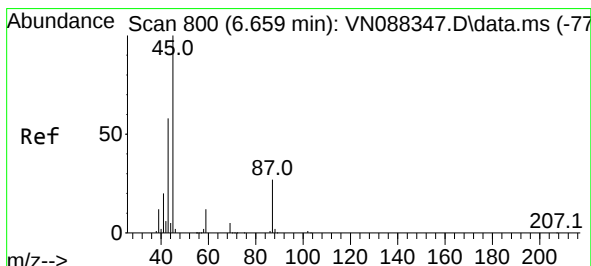
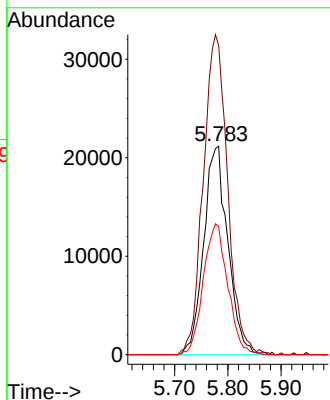
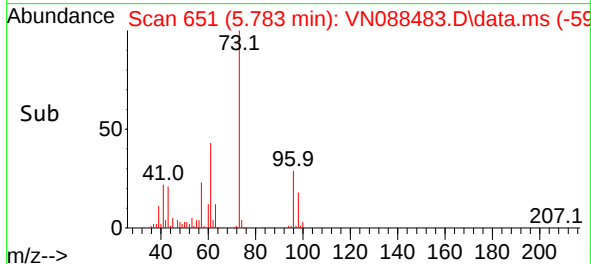
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



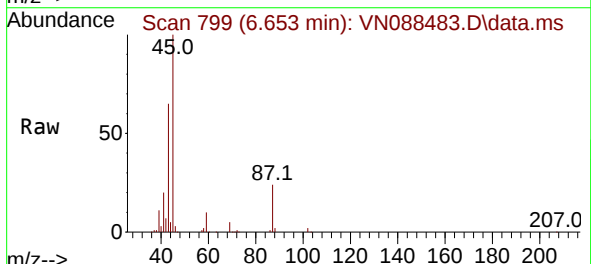
Tgt Ion: 96 Resp: 66650
Ion Ratio Lower Upper
96 100
61 148.2 122.4 183.6
98 61.4 50.9 76.3

Manual Integrations
APPROVED

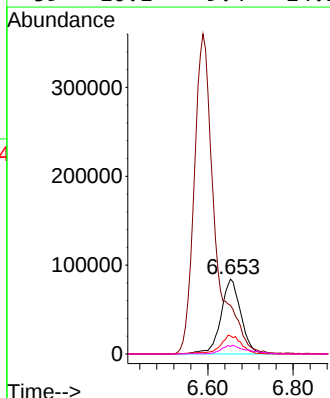
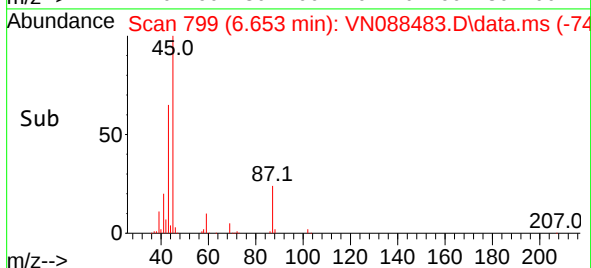
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

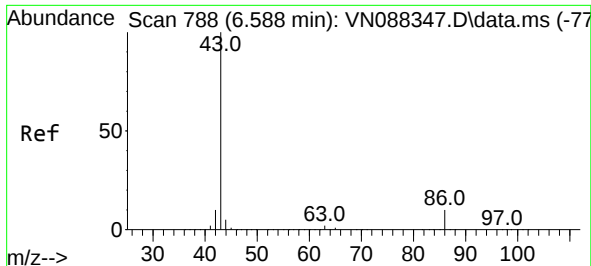


#22
Diisopropyl ether
Concen: 24.093 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



Tgt Ion: 45 Resp: 273397
Ion Ratio Lower Upper
45 100
43 63.9 47.4 71.2
87 24.2 21.9 32.9
59 10.1 9.4 14.2





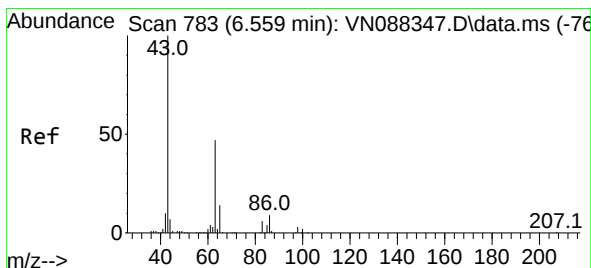
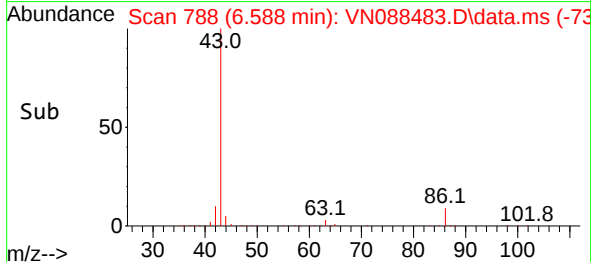
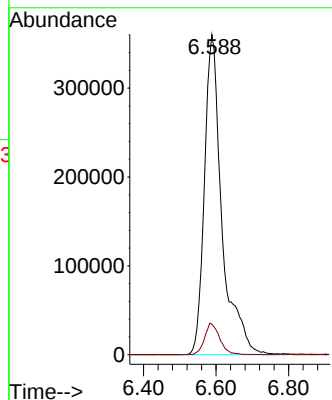
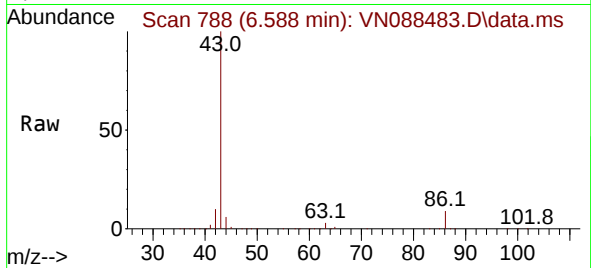
#23
 Vinyl Acetate
 Concen: 132.128 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088483.D
 Acq: 09 Dec 2025 16:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS02

Tgt Ion: 43 Resp: 1207998
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

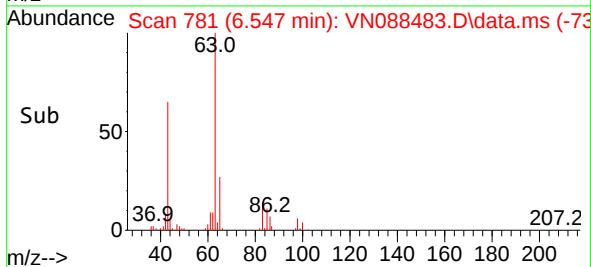
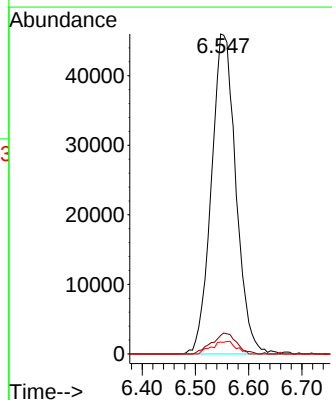
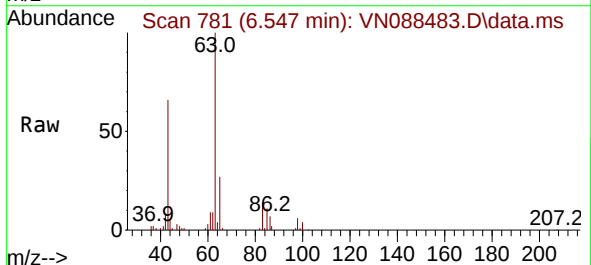
Manual Integrations
 APPROVED

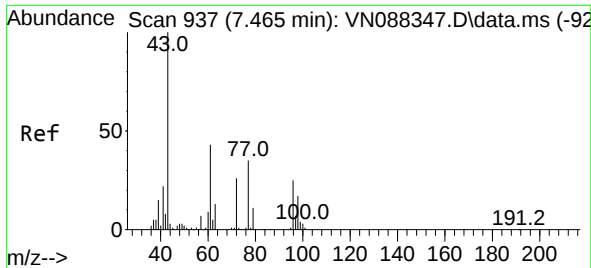
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#24
 1,1-Dichloroethane
 Concen: 22.892 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088483.D
 Acq: 09 Dec 2025 16:43

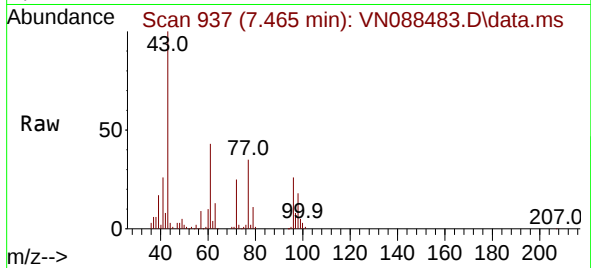
Tgt Ion: 63 Resp: 147108
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.4 10.2
 100 3.7 1.9 5.7





#25
2-Butanone
Concen: 120.991 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

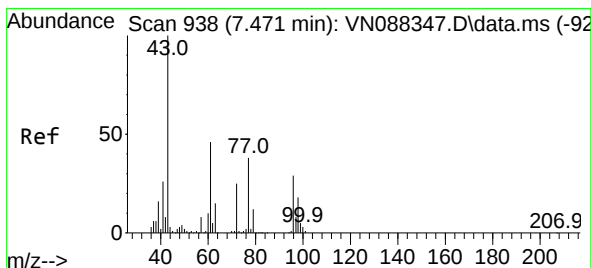
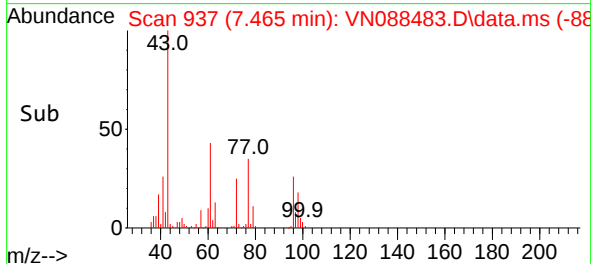
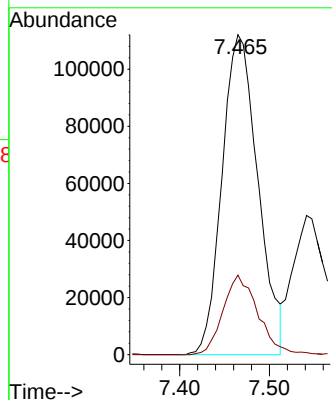
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 43 Resp: 311478
Ion Ratio Lower Upper
43 100
72 24.8 20.5 30.7

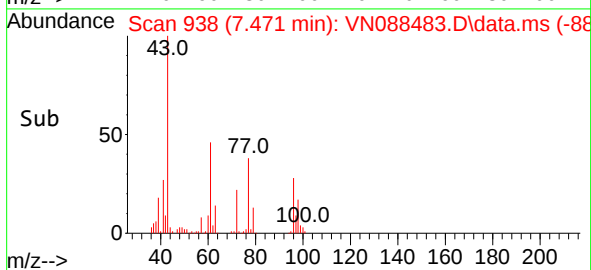
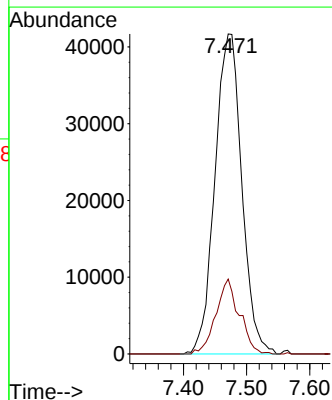
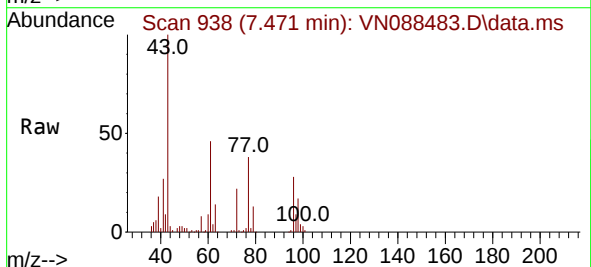
Manual Integrations
APPROVED

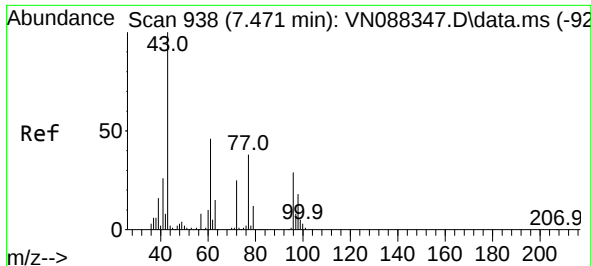
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#26
2,2-Dichloropropane
Concen: 22.233 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

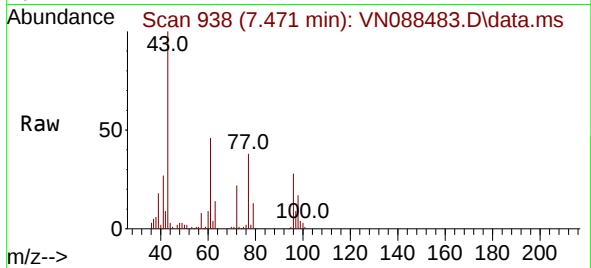
Tgt Ion: 77 Resp: 123326
Ion Ratio Lower Upper
77 100
97 20.5 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 22.352 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088483.D
 Acq: 09 Dec 2025 16:43

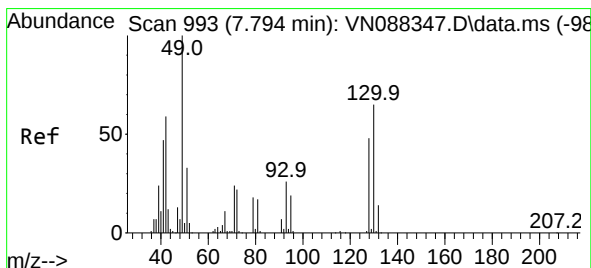
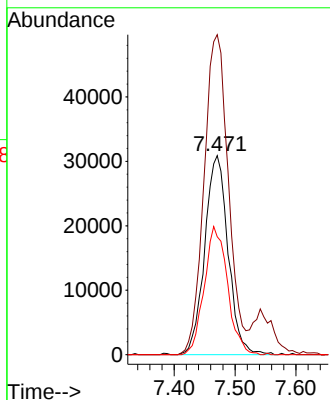
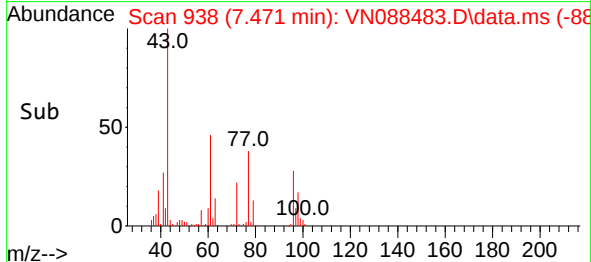
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS02



Tgt Ion: 96 Resp: 82519
 Ion Ratio Lower Upper
 96 100
 61 166.9 0.0 323.6
 98 64.0 0.0 127.2

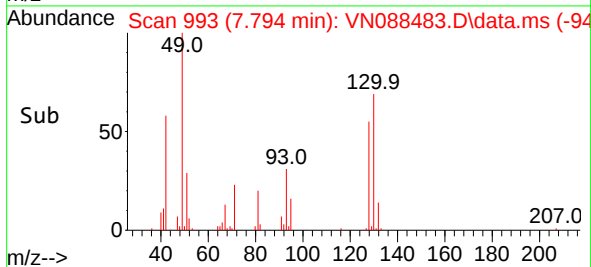
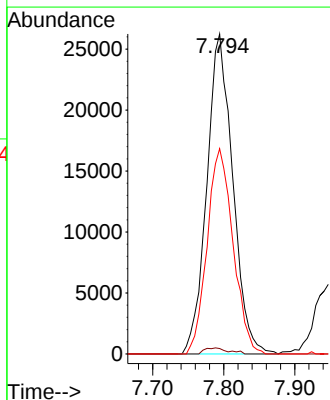
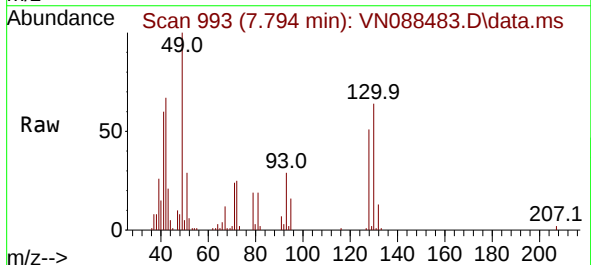
Manual Integrations
 APPROVED

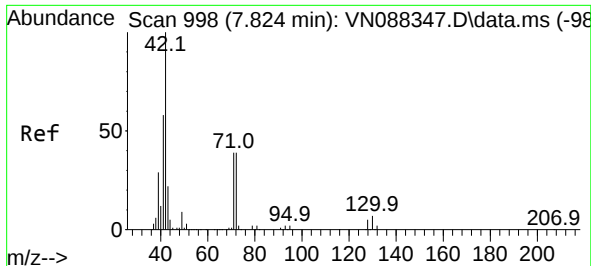
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#28
 Bromochloromethane
 Concen: 20.797 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088483.D
 Acq: 09 Dec 2025 16:43

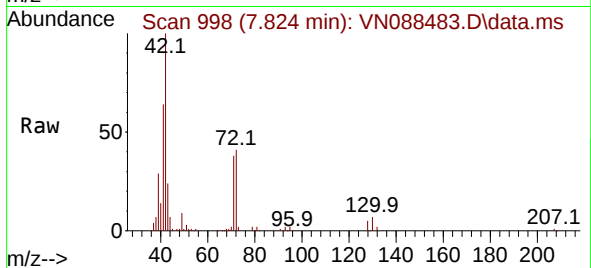
Tgt Ion: 49 Resp: 66577
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 64.0 51.1 76.7





#29
Tetrahydrofuran
Concen: 106.331 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

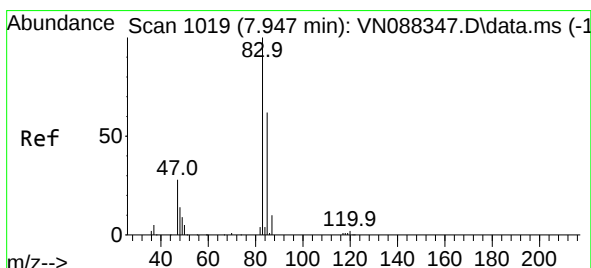
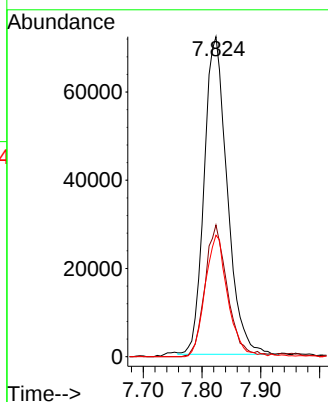
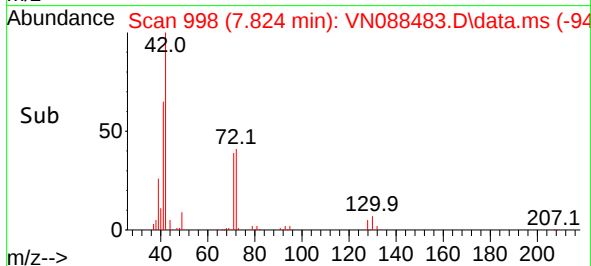
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



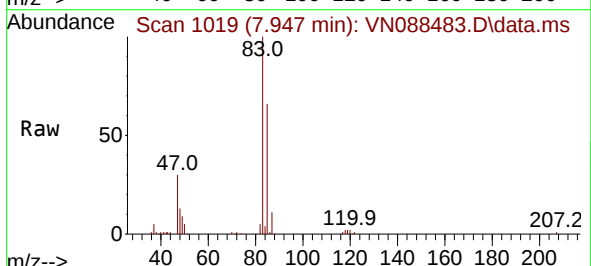
Tgt Ion: 42 Resp: 196344
Ion Ratio Lower Upper
42 100
72 40.7 32.2 48.4
71 37.5 31.1 46.7

Manual Integrations
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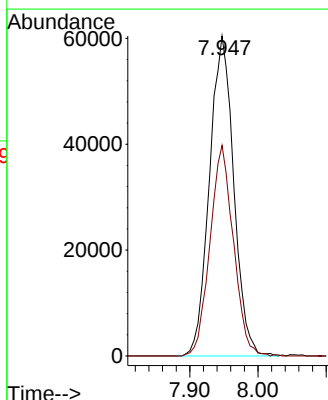
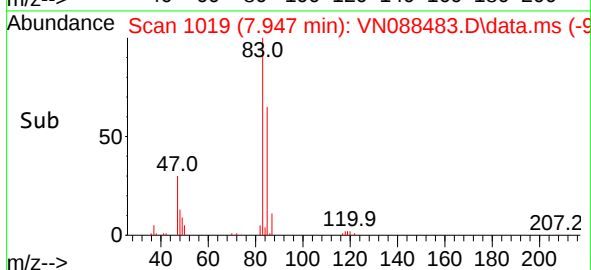
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

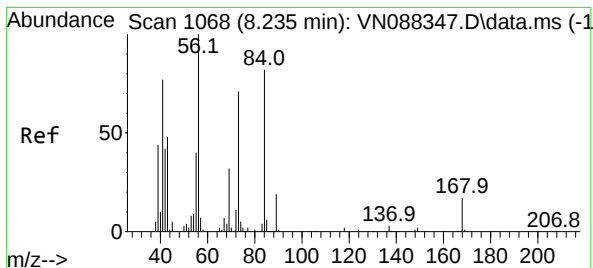


#30
Chloroform
Concen: 23.741 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



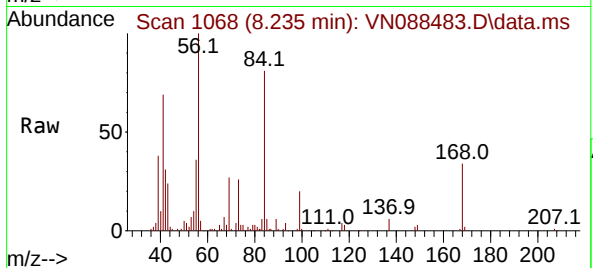
Tgt Ion: 83 Resp: 149910
Ion Ratio Lower Upper
83 100
85 65.8 49.8 74.8





#31
Cyclohexane
Concen: 18.701 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

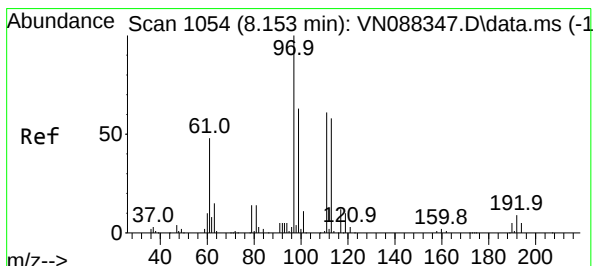
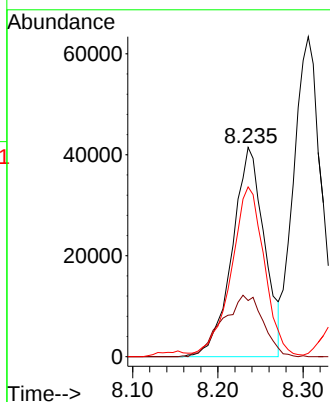
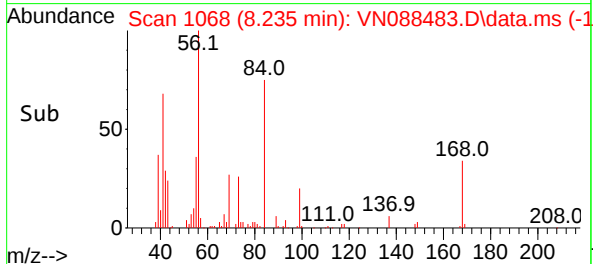
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 56 Resp: 10890
Ion Ratio Lower Upper
56 100
69 26.8 25.3 37.9
84 78.4 65.4 98.2

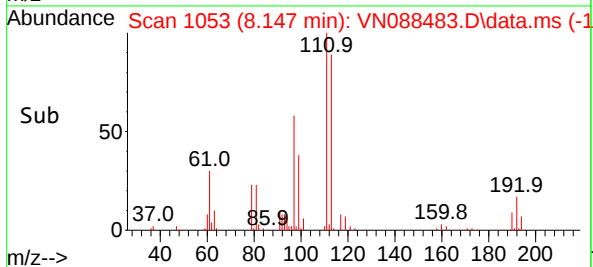
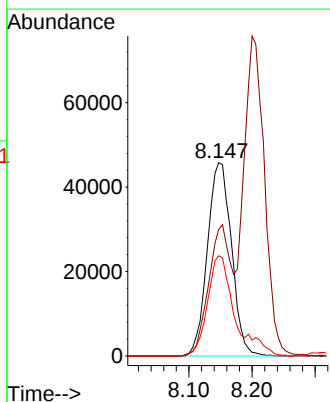
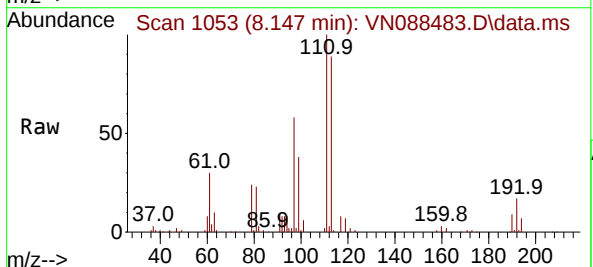
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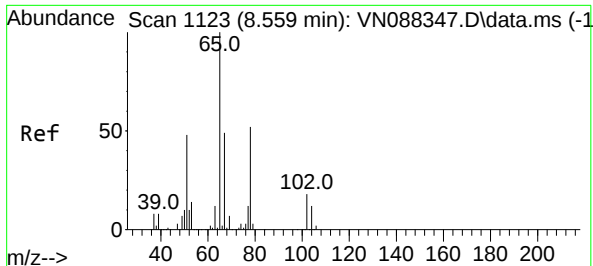
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#32
1,1,1-Trichloroethane
Concen: 21.856 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion: 97 Resp: 121344
Ion Ratio Lower Upper
97 100
99 62.4 50.8 76.2
61 58.3 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 61.596 ug/l

RT: 8.553 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN088483.D

Acq: 09 Dec 2025 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion: 65 Resp: 27274

Ion Ratio Lower Upper

65 100

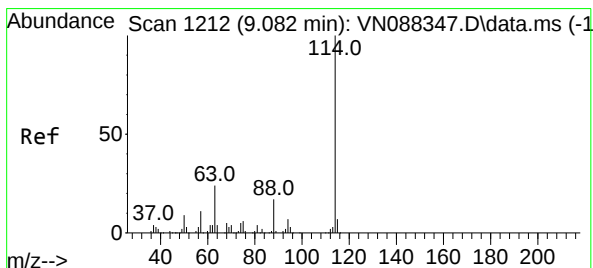
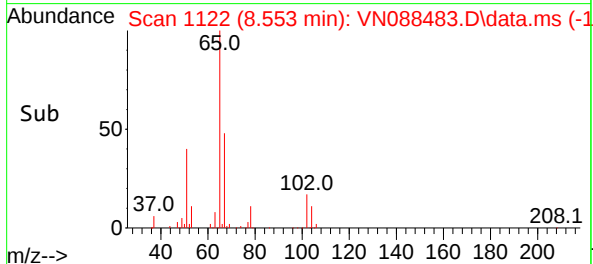
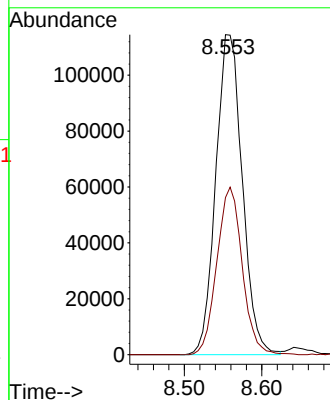
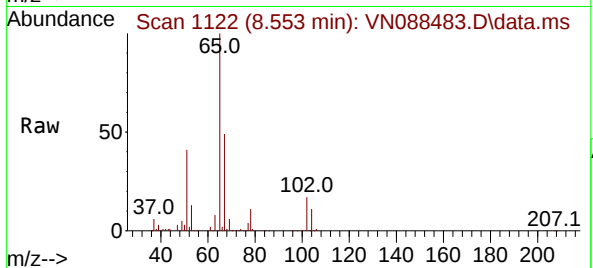
67 50.1 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088483.D

Acq: 09 Dec 2025 16:43

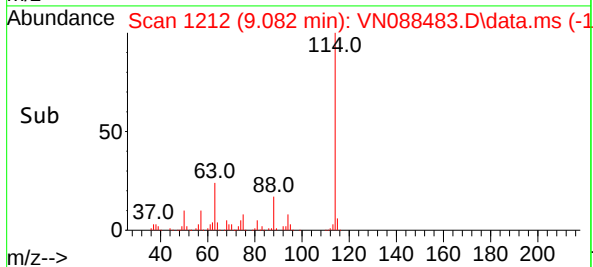
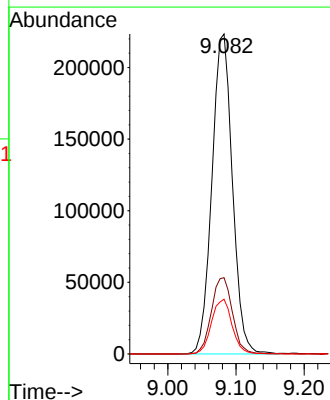
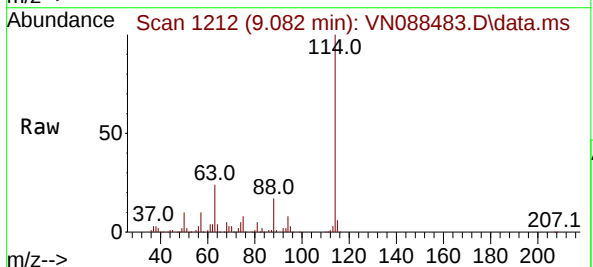
Tgt Ion:114 Resp: 467929

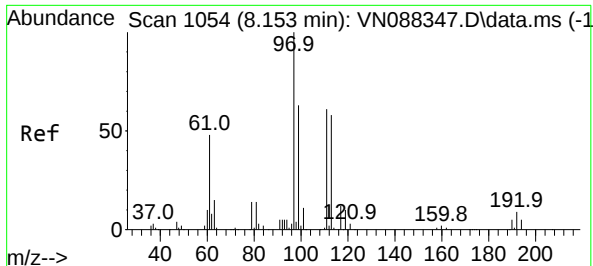
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.0

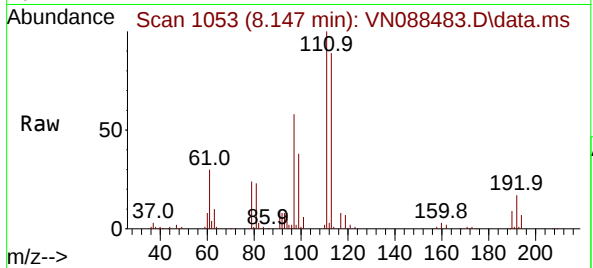
88 17.1 0.0 34.0





#35
Dibromofluoromethane
Concen: 53.083 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

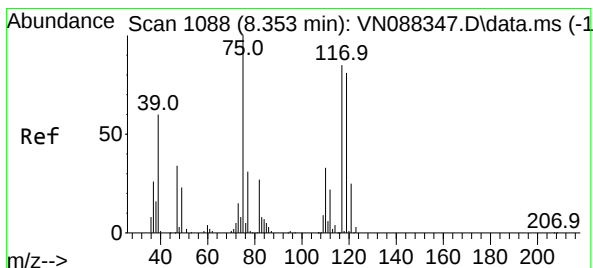
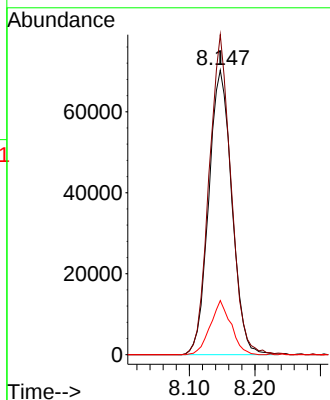
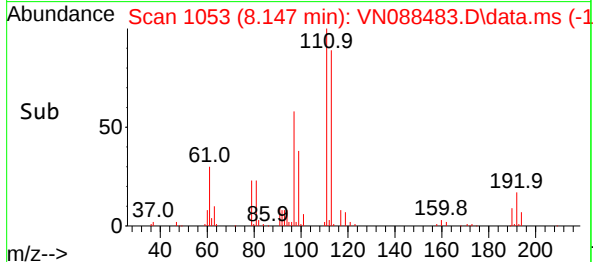
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 113 Resp: 17213
Ion Ratio Lower Upper
113 100
111 106.9 82.5 123.7
192 17.1 12.8 19.2

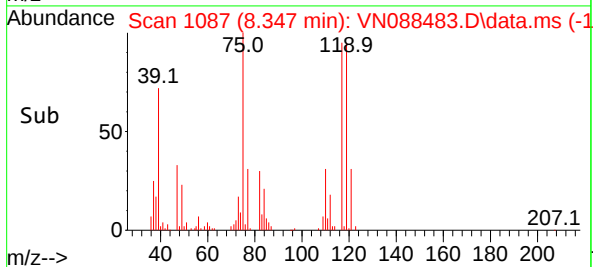
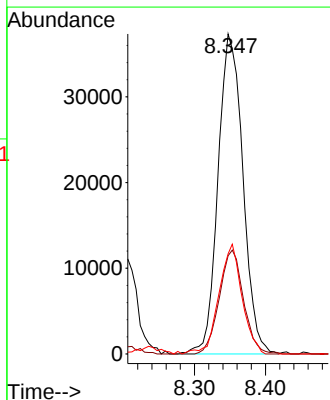
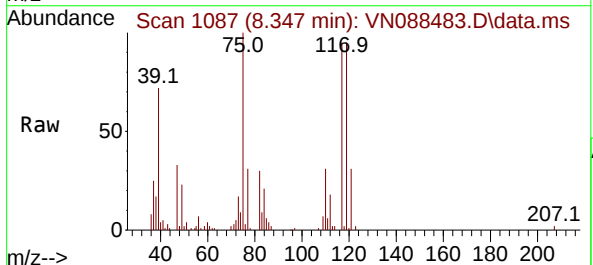
Manual Integrations
APPROVED

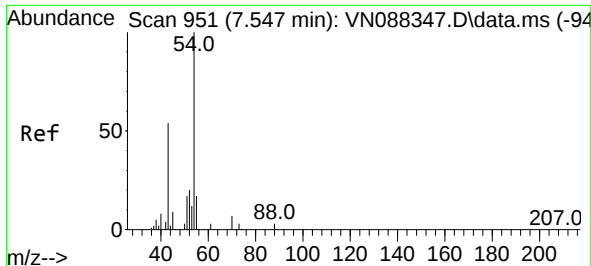
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#36
1,1-Dichloropropene
Concen: 18.132 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

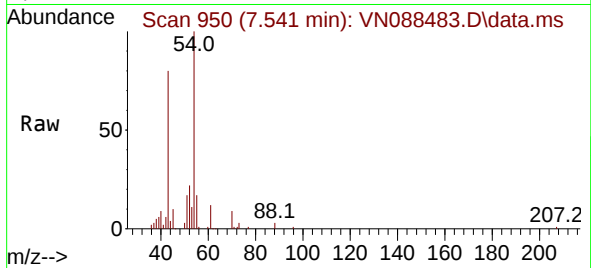
Tgt Ion: 75 Resp: 90745
Ion Ratio Lower Upper
75 100
110 31.5 15.8 47.4
77 32.0 24.2 36.2





#37
Ethyl Acetate
Concen: 20.083 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

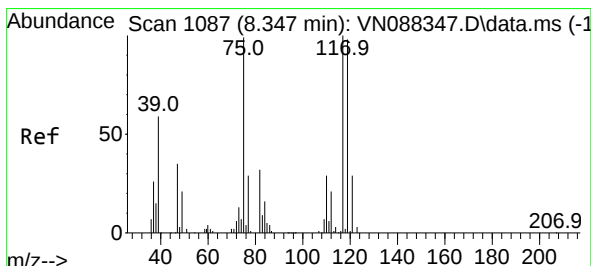
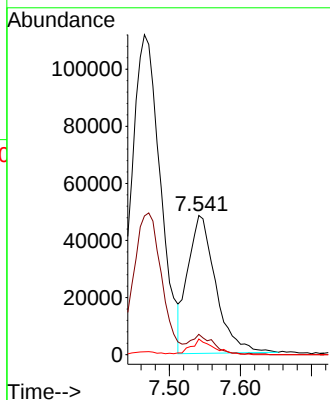
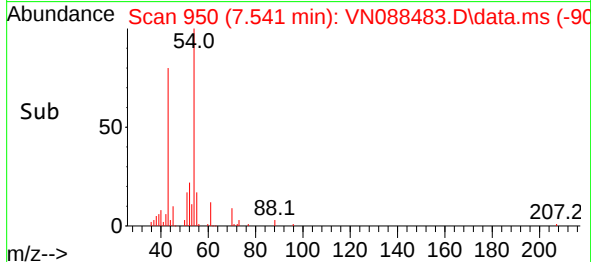
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 43 Resp: 132152
Ion Ratio Lower Upper
43 100
61 11.0 9.5 14.3
70 9.1 7.1 10.7

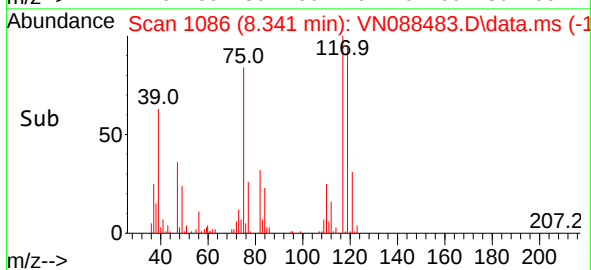
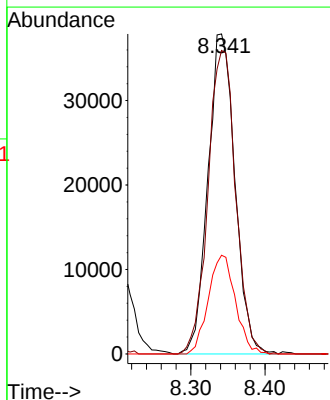
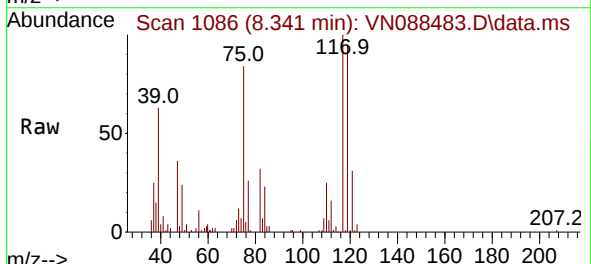
Manual Integrations
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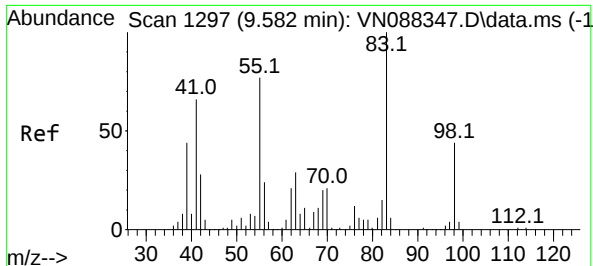
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#38
Carbon Tetrachloride
Concen: 19.205 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion:117 Resp: 95680
Ion Ratio Lower Upper
117 100
119 94.8 78.2 117.4
121 30.8 23.4 35.2





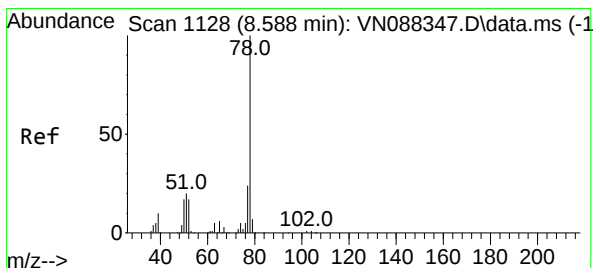
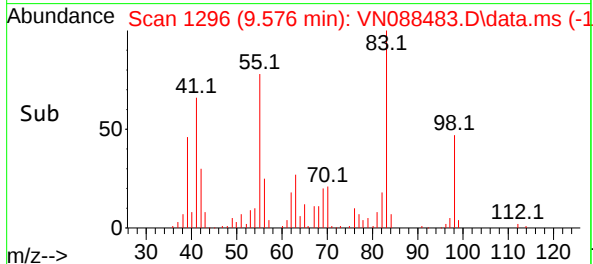
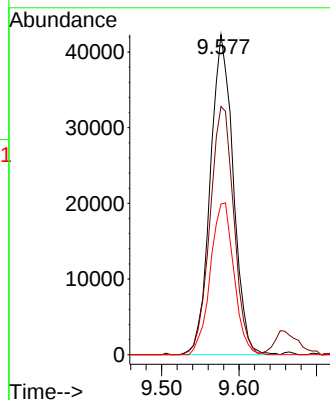
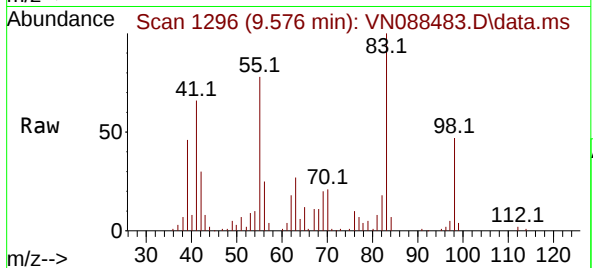
#39
Methylcyclohexane
Concen: 16.252 ug/l
RT: 9.576 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 83 Resp: 87000
Ion Ratio Lower Upper
83 100
55 77.5 61.6 92.4
98 47.0 35.3 52.9

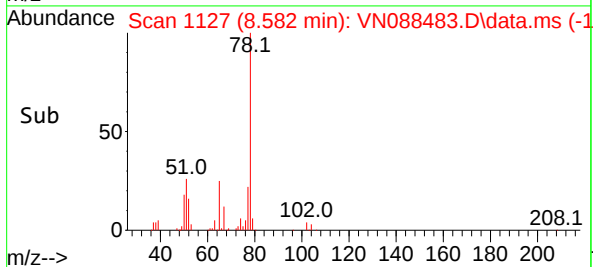
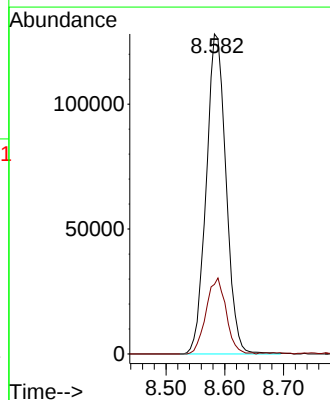
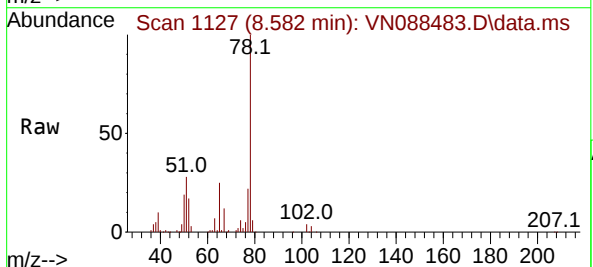
Manual Integrations
APPROVED

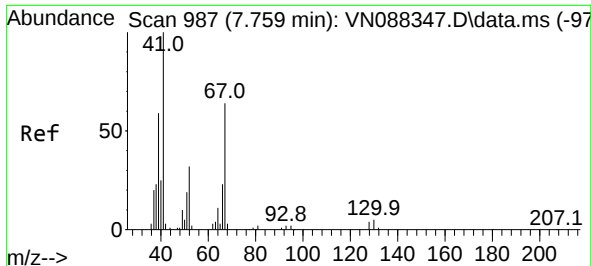
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#40
Benzene
Concen: 20.425 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion: 78 Resp: 300011
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.4





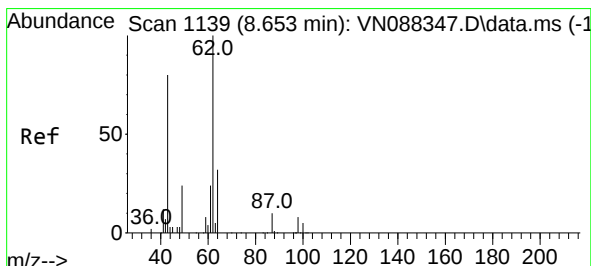
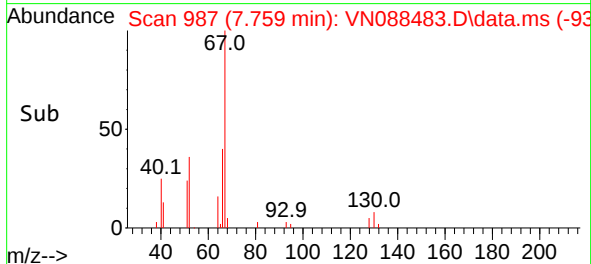
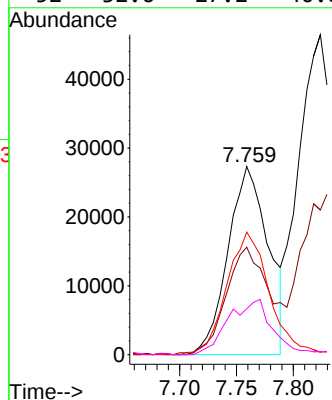
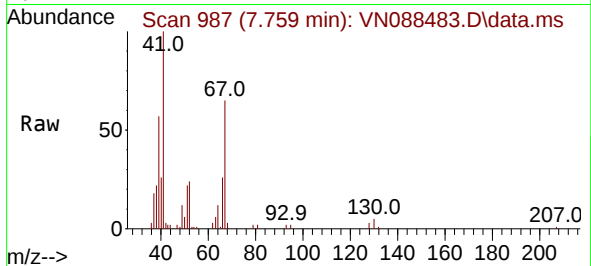
#41
Methacrylonitrile
Concen: 20.713 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 41	Resp: 6750
Ion Ratio	Lower Upper
41 100	
39 63.4	46.3 69.5
67 69.6	54.7 82.1
52 32.6	27.2 40.8

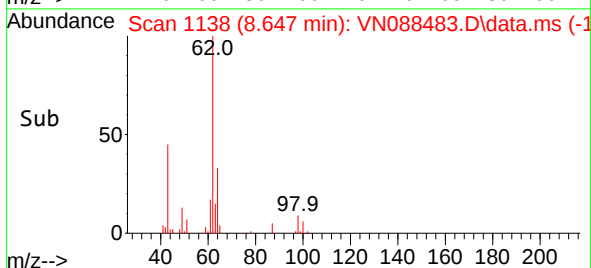
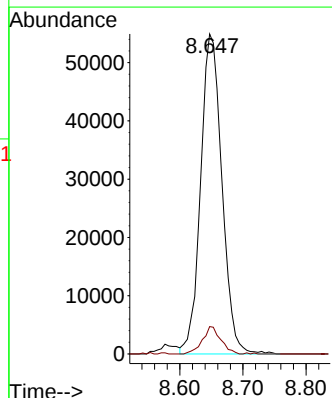
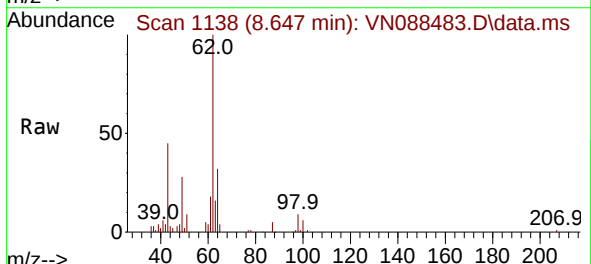
Manual Integrations
APPROVED

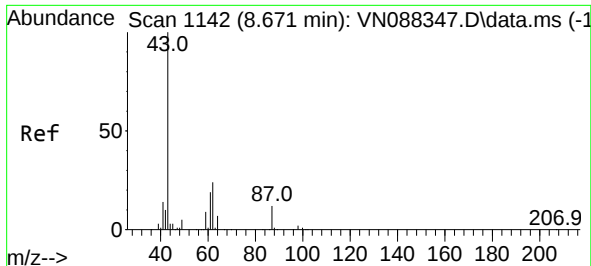
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#42
1,2-Dichloroethane
Concen: 22.993 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

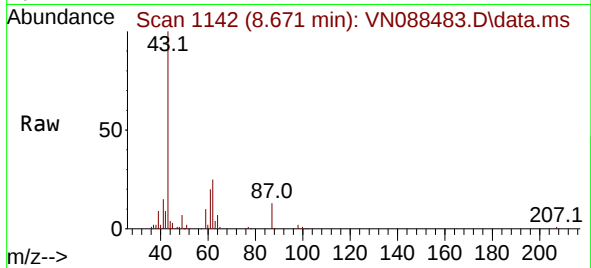
Tgt Ion: 62	Resp: 128852
Ion Ratio	Lower Upper
62 100	
98 7.3	0.0 16.2





#43
Isopropyl Acetate
Concen: 20.391 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

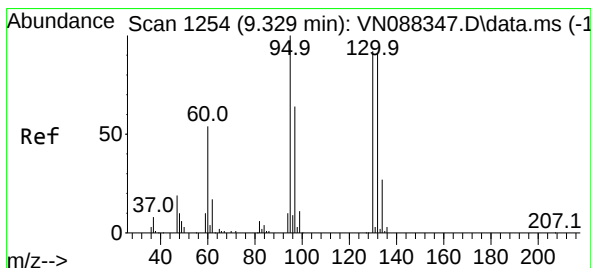
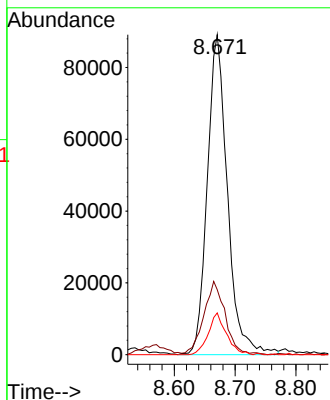
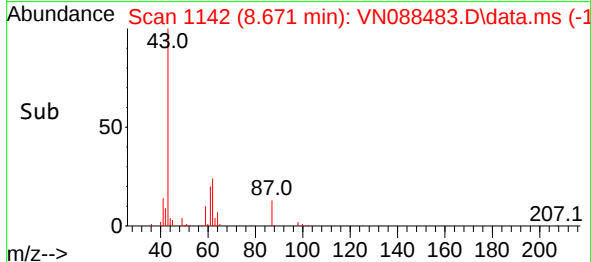
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



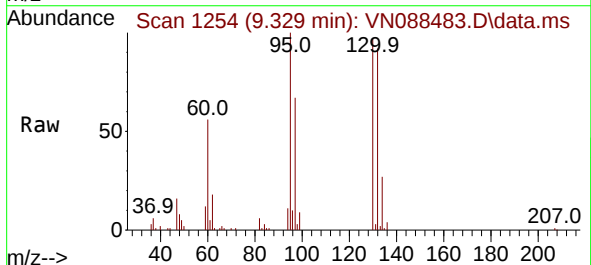
Tgt Ion: 43 Resp: 20501
Ion Ratio Lower Upper
43 100
61 24.4 18.7 28.1
87 11.7 9.1 13.7

Manual Integrations
APPROVED

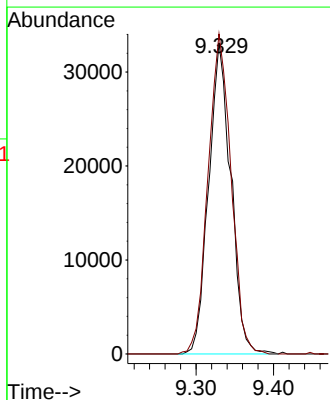
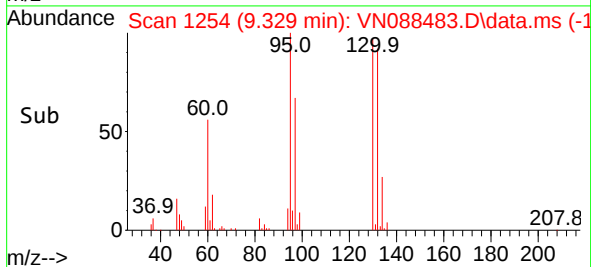
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

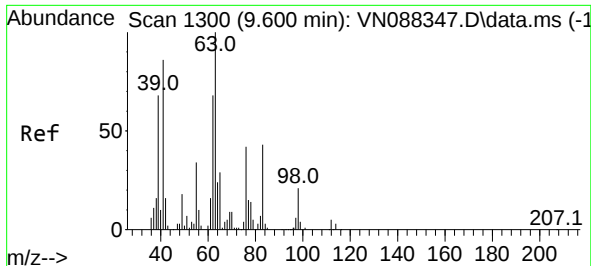


#44
Trichloroethene
Concen: 18.905 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



Tgt Ion:130 Resp: 65613
Ion Ratio Lower Upper
130 100
95 102.9 0.0 217.0





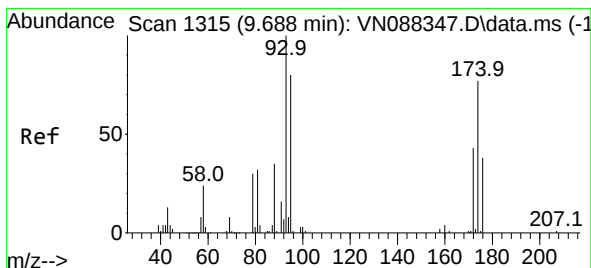
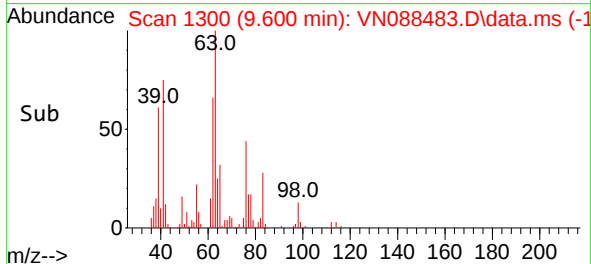
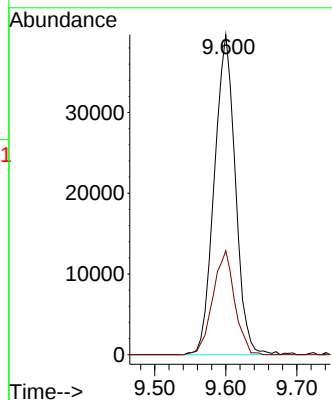
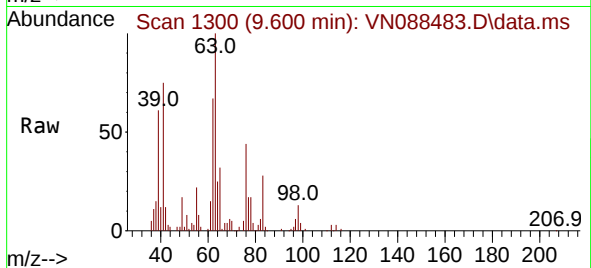
#45
1,2-Dichloropropane
Concen: 21.608 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 63 Resp: 8131
Ion Ratio Lower Upper
63 100
65 32.5 23.0 34.4

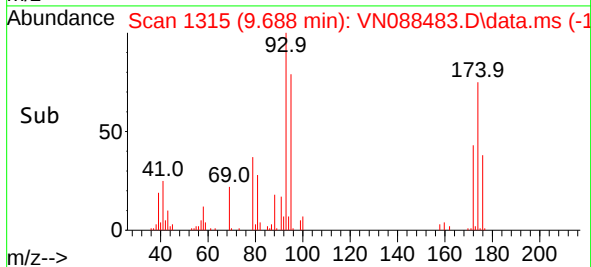
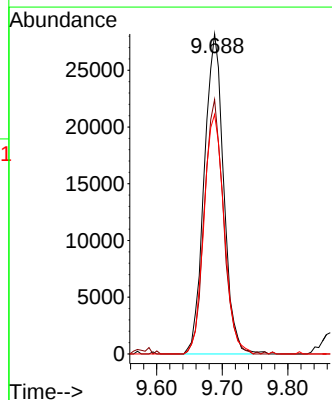
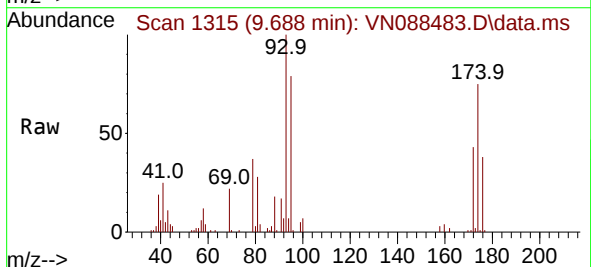
Manual Integrations
APPROVED

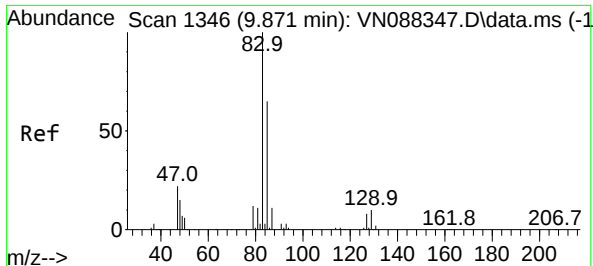
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#46
Dibromomethane
Concen: 21.662 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion: 93 Resp: 58178
Ion Ratio Lower Upper
93 100
95 78.1 65.8 98.6
174 77.8 64.3 96.5





#47

Bromodichloromethane

Concen: 21.732 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088483.D

Acq: 09 Dec 2025 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion: 83 Resp: 119090

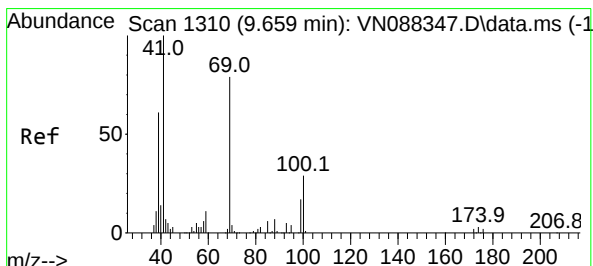
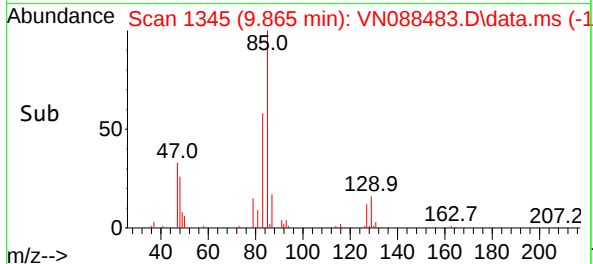
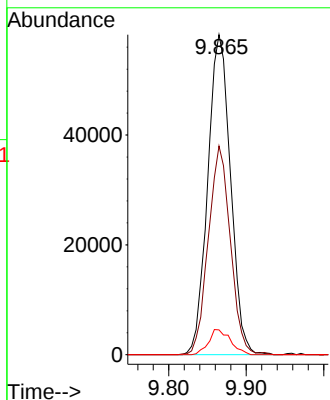
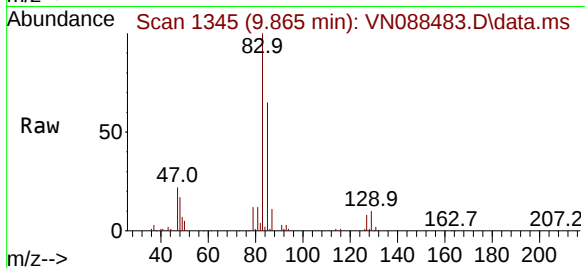
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.9	77.9
127	7.8	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#48

Methyl methacrylate

Concen: 20.399 ug/l

RT: 9.659 min Scan# 1310

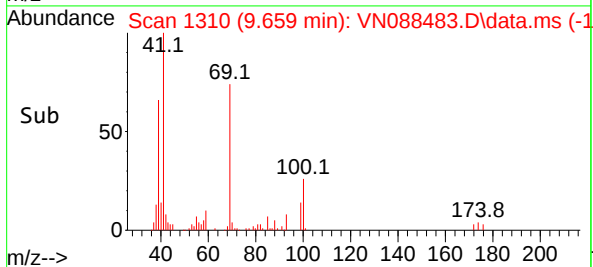
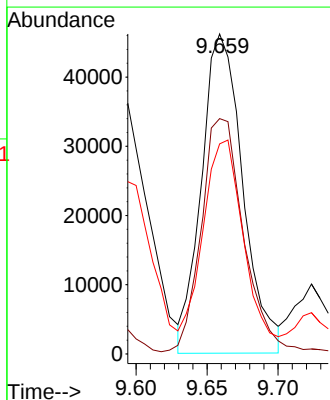
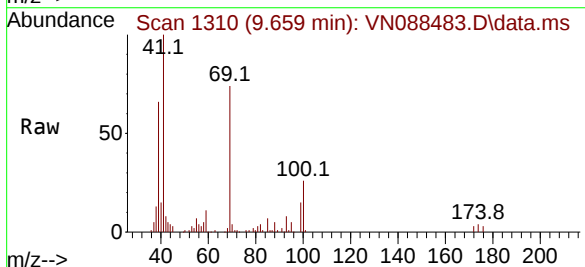
Delta R.T. 0.000 min

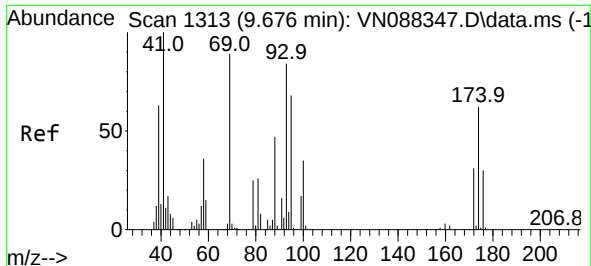
Lab File: VN088483.D

Acq: 09 Dec 2025 16:43

Tgt Ion: 41 Resp: 93578

Ion	Ratio	Lower	Upper
41	100		
69	76.2	62.4	93.6
39	67.0	52.6	79.0





#49

1,4-Dioxane

Concen: 280.379 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088483.D

Acq: 09 Dec 2025 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

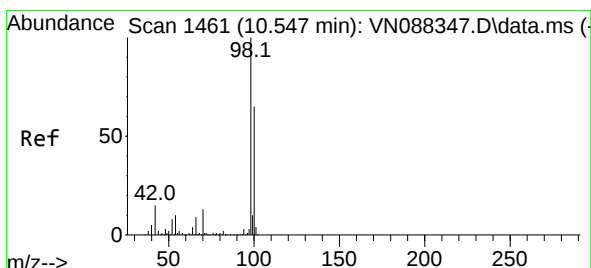
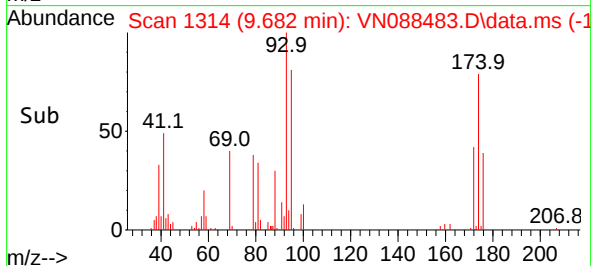
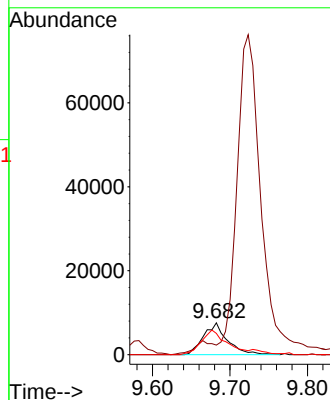
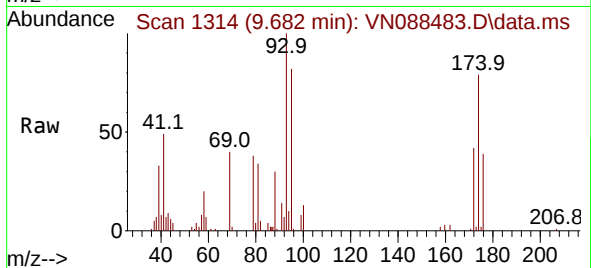
Tgt Ion: 88 Resp: 1635
 Ion Ratio Lower Upper
 88 100
 43 35.5 0.0 0.0
 58 82.0 62.0 93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#50

Toluene-d8

Concen: 51.912 ug/l

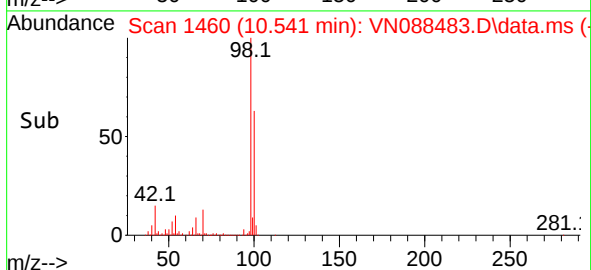
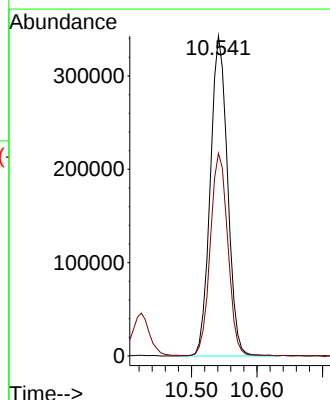
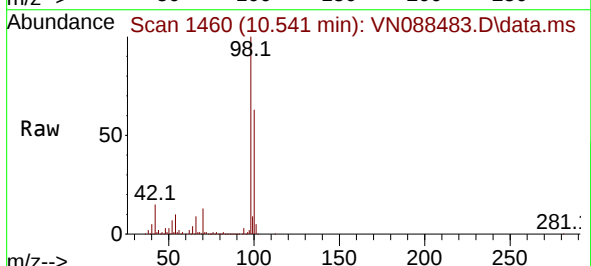
RT: 10.541 min Scan# 1460

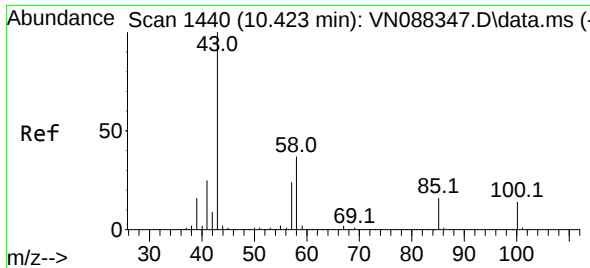
Delta R.T. -0.006 min

Lab File: VN088483.D

Acq: 09 Dec 2025 16:43

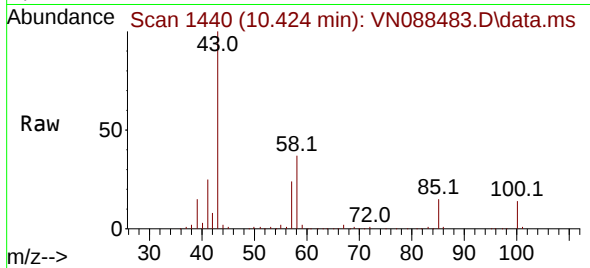
Tgt Ion: 98 Resp: 626340
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 107.345 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

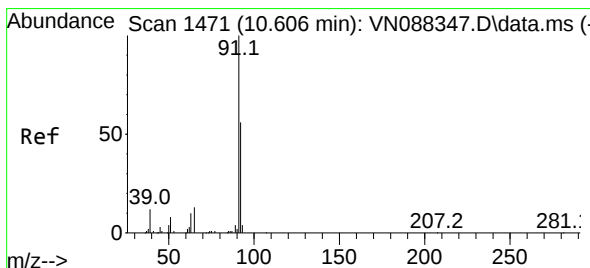
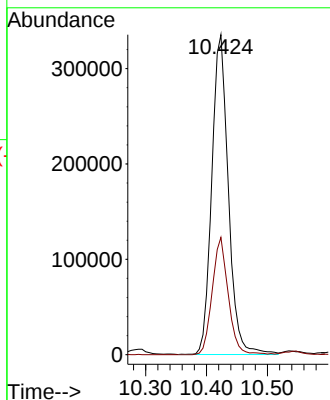
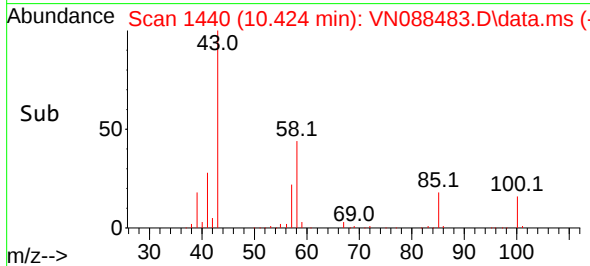
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 43 Resp: 63614
Ion Ratio Lower Upper
43 100
58 35.4 29.1 43.7

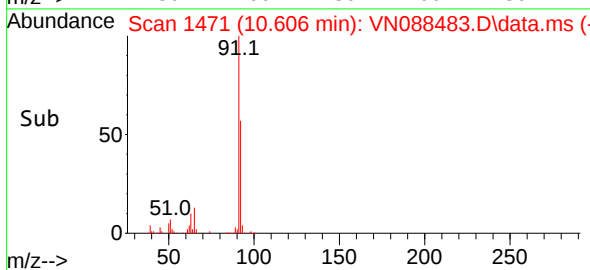
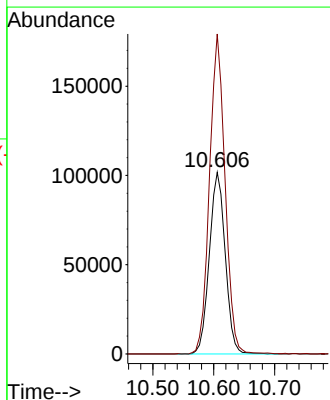
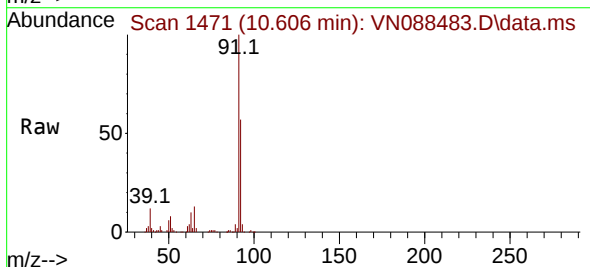
Manual Integrations
APPROVED

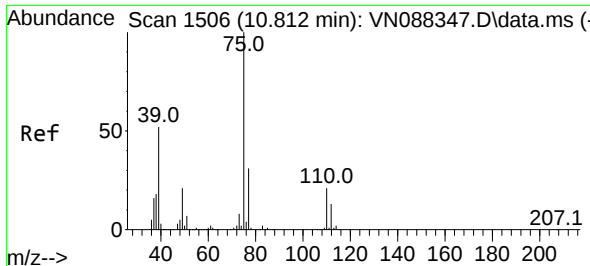
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#52
Toluene
Concen: 21.753 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

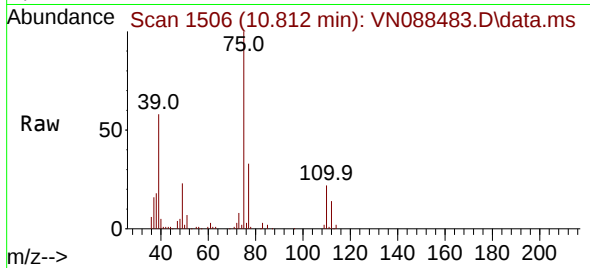
Tgt Ion: 92 Resp: 184498
Ion Ratio Lower Upper
92 100
91 172.4 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 21.816 ug/l
RT: 10.812 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

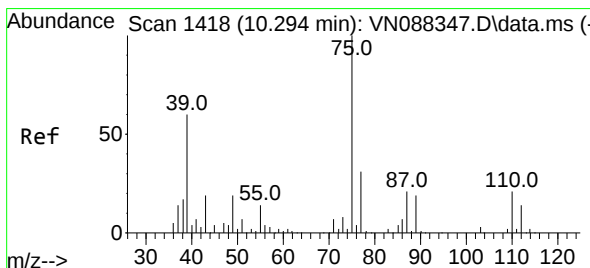
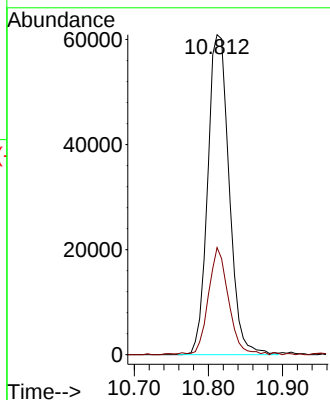
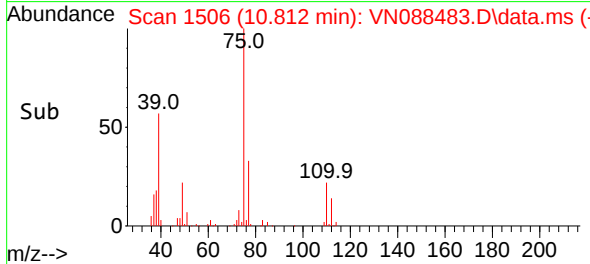
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



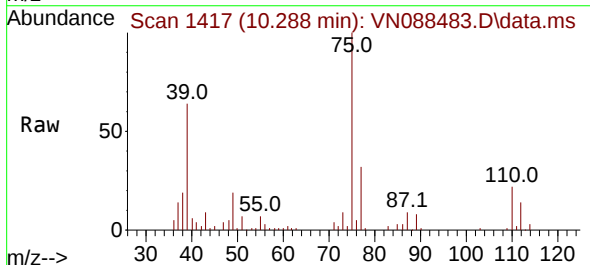
Tgt Ion: 75 Resp: 12271
Ion Ratio Lower Upper
75 100
77 33.2 24.8 37.2

Manual Integrations
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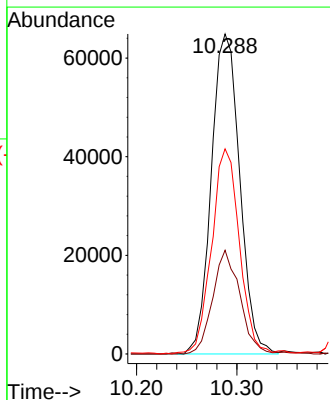
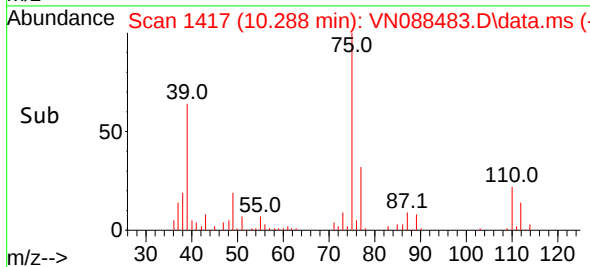
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

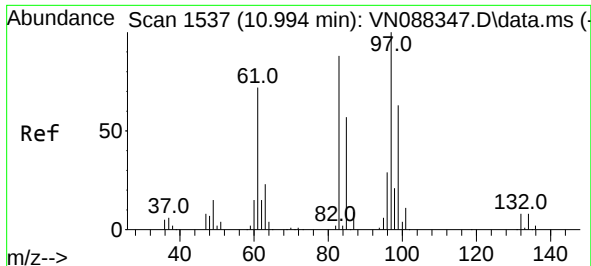


#54
cis-1,3-Dichloropropene
Concen: 21.615 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



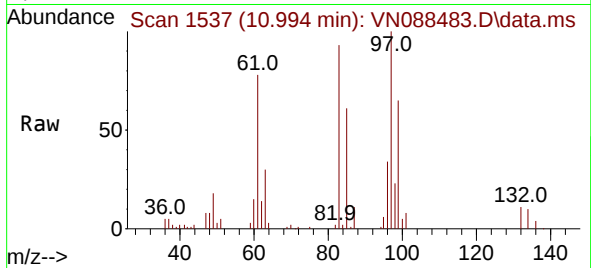
Tgt Ion: 75 Resp: 127859
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7
39 63.6 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 21.346 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

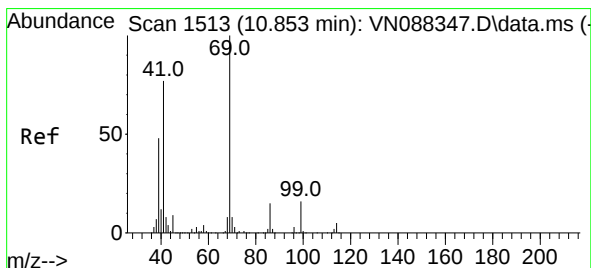
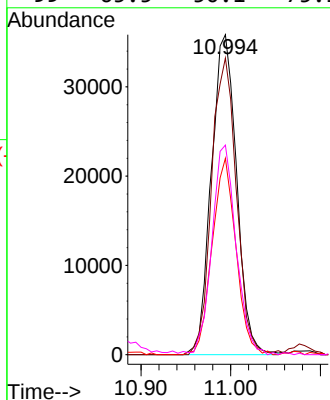
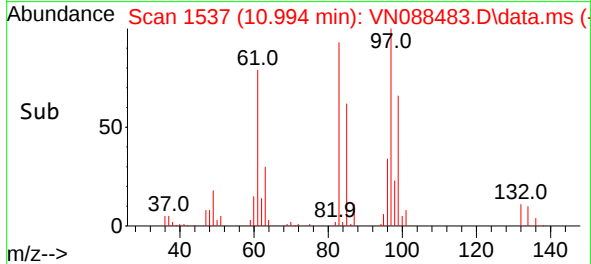
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.7	70.4	105.6
85	61.3	45.4	68.2
99	65.5	50.1	75.1

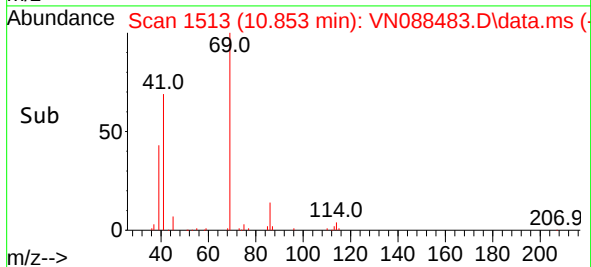
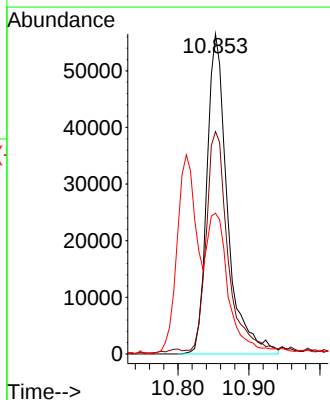
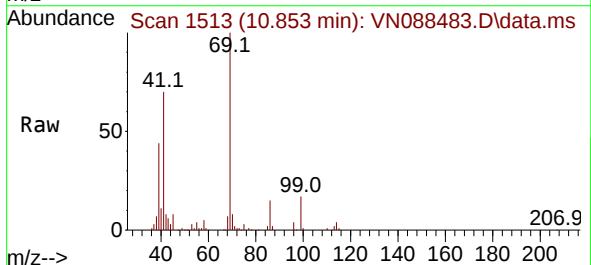
Manual Integrations
APPROVED

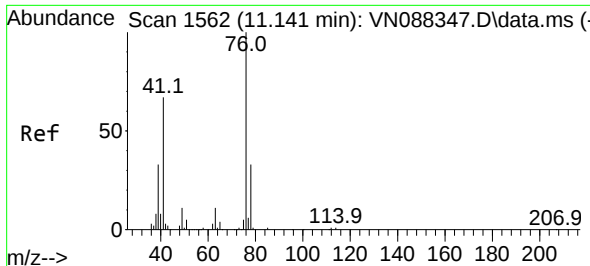
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#56
Ethyl methacrylate
Concen: 21.861 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

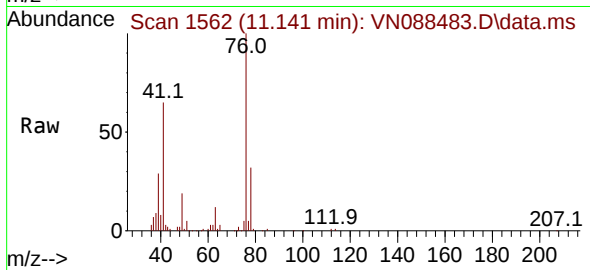
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.6	59.6	89.4
39	43.0	36.4	54.6





#57
1,3-Dichloropropane
Concen: 21.892 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

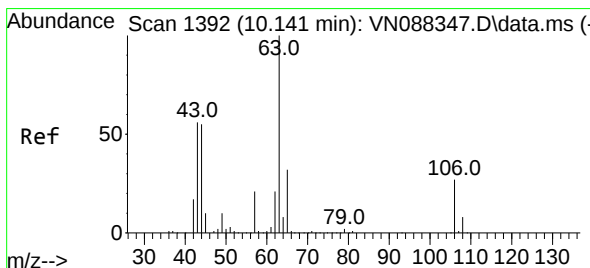
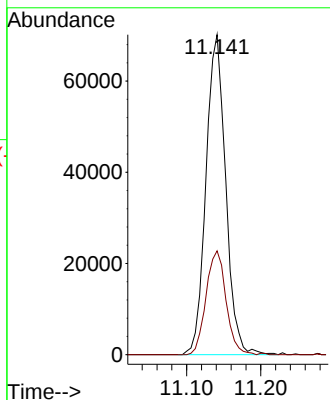
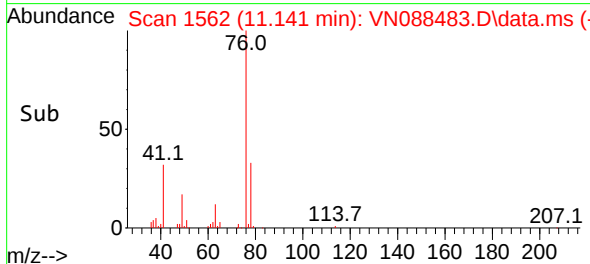
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 76 Resp: 12959
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.4

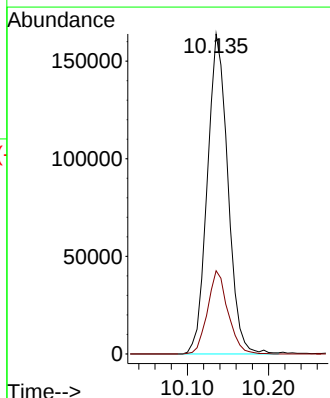
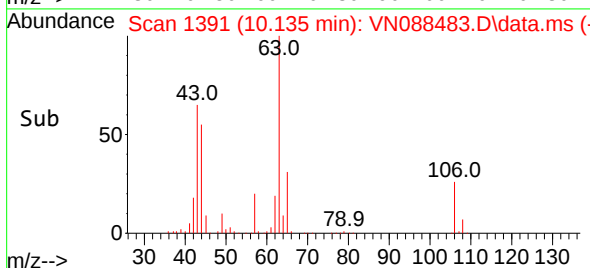
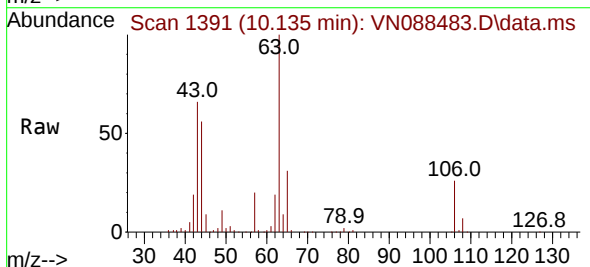
Manual Integrations
APPROVED

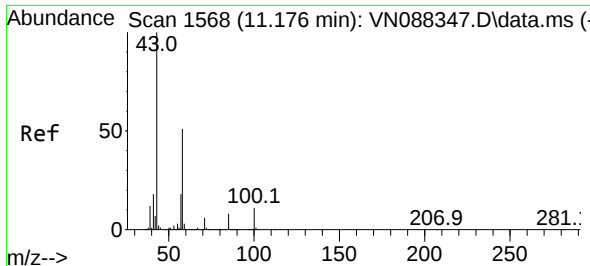
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#58
2-Chloroethyl Vinyl ether
Concen: 96.529 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

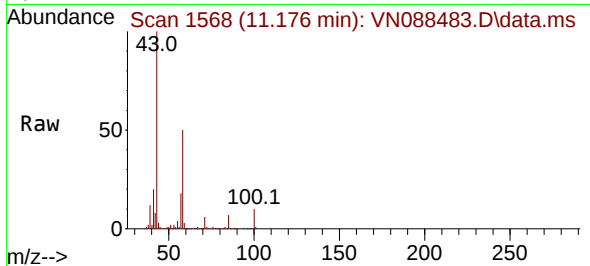
Tgt Ion: 63 Resp: 288458
Ion Ratio Lower Upper
63 100
106 25.7 20.5 30.7





#59
2-Hexanone
Concen: 104.600 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

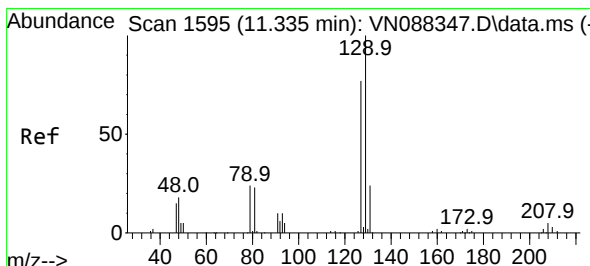
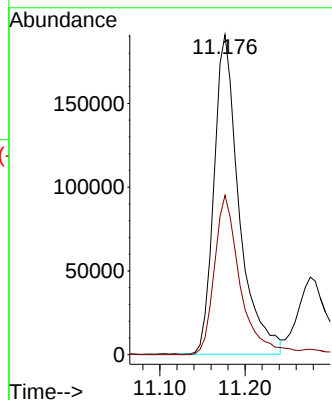
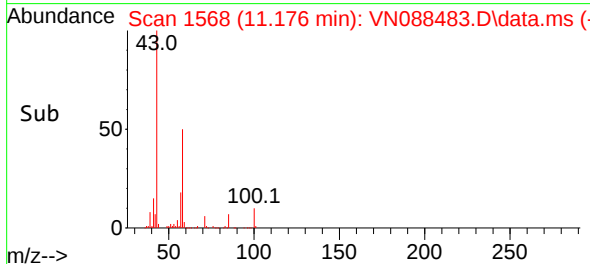
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 43 Resp: 390494
Ion Ratio Lower Upper
43 100
58 51.2 25.3 75.9

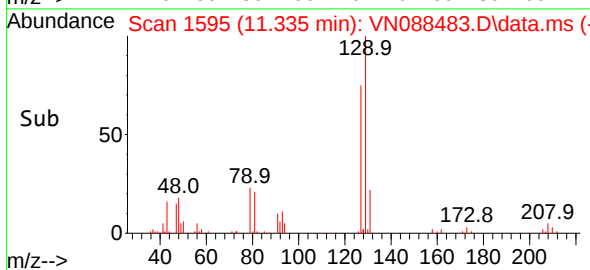
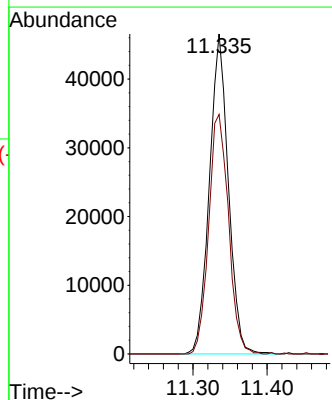
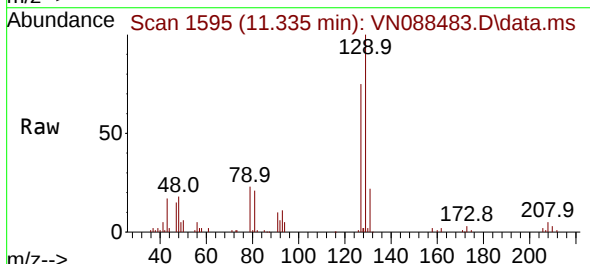
Manual Integrations
APPROVED

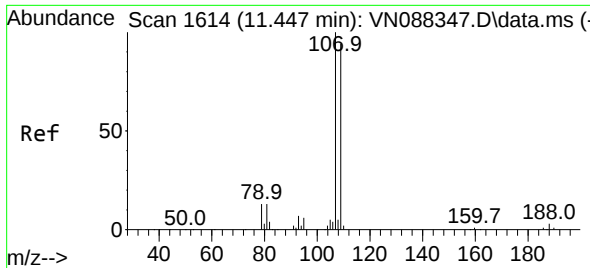
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#60
Dibromochloromethane
Concen: 22.086 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

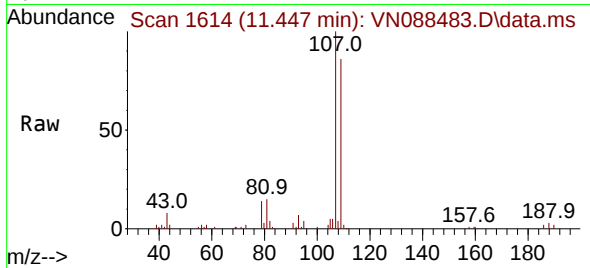
Tgt Ion:129 Resp: 82618
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6





#61
1,2-Dibromoethane
Concen: 21.763 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

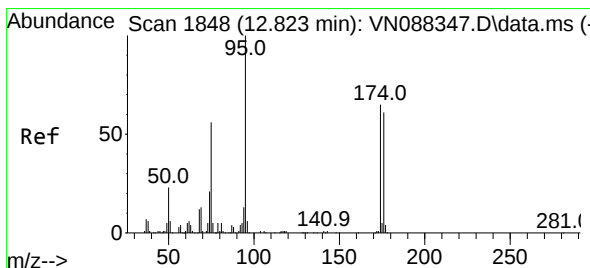
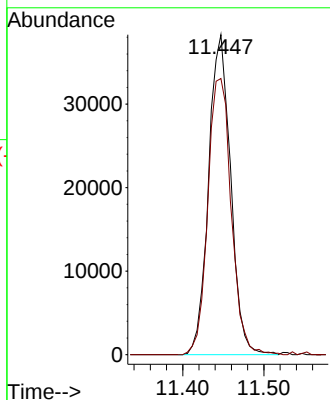
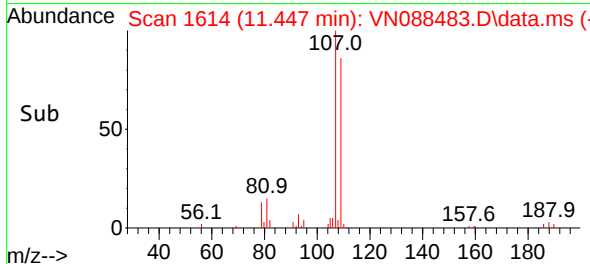
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



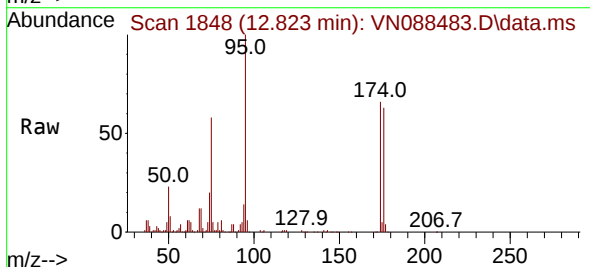
Tgt Ion:107 Resp: 7231
Ion Ratio Lower Upper
107 100
109 91.9 74.6 112.0

Manual Integrations
APPROVED

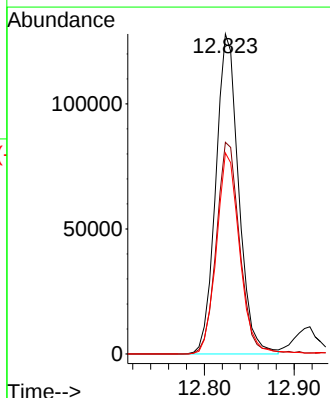
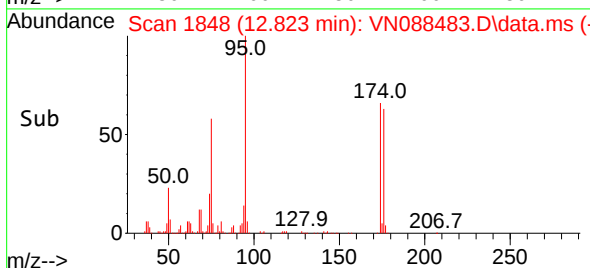
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

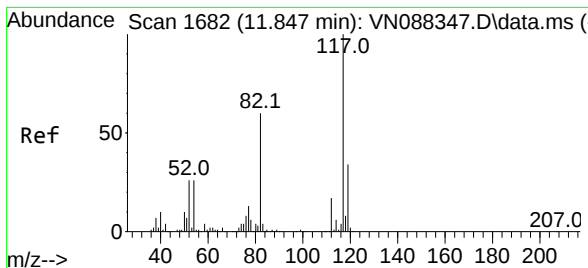


#62
4-Bromofluorobenzene
Concen: 54.712 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



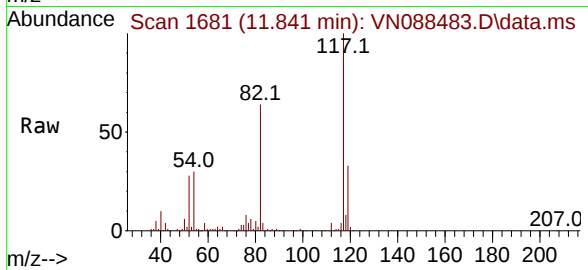
Tgt Ion: 95 Resp: 226501
Ion Ratio Lower Upper
95 100
174 67.4 0.0 139.0
176 63.9 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

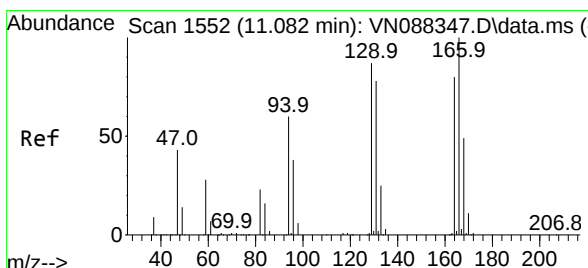
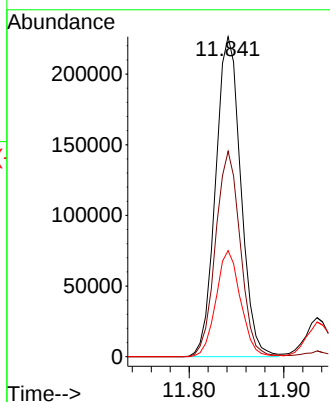
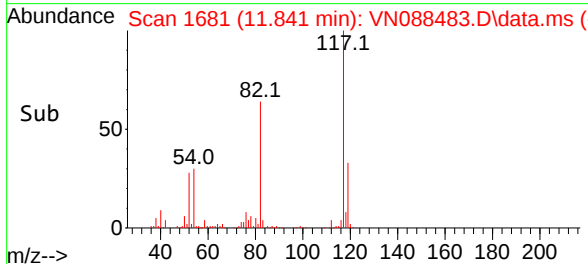
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion:117 Resp: 418710
Ion Ratio Lower Upper
117 100
82 64.2 47.8 71.8
119 33.1 26.9 40.3

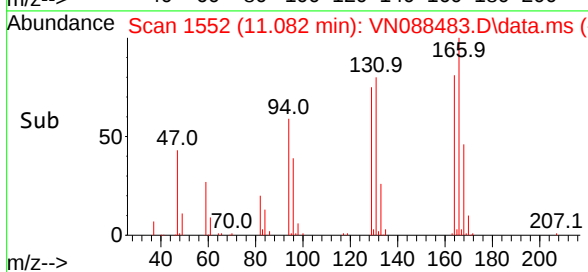
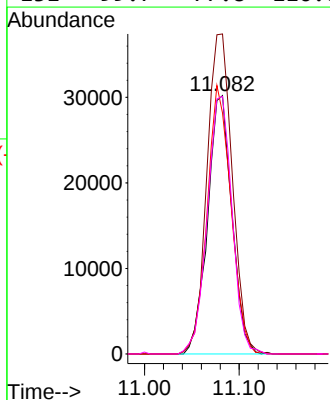
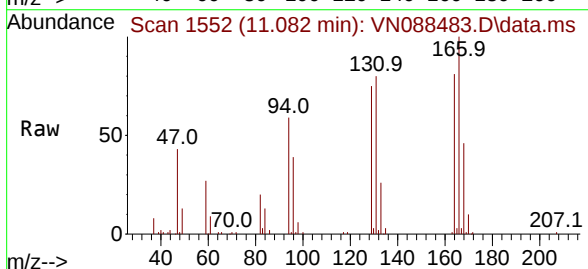
Manual Integrations
APPROVED

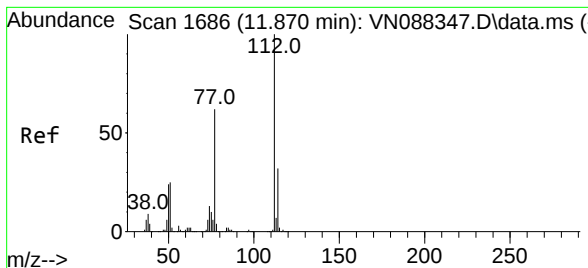
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#64
Tetrachloroethene
Concen: 16.227 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

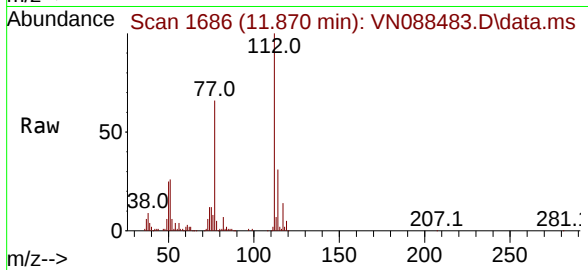
Tgt Ion:164 Resp: 53866
Ion Ratio Lower Upper
164 100
166 123.8 99.6 149.4
129 93.2 86.6 129.8
131 99.7 77.8 116.6





#65
Chlorobenzene
Concen: 20.454 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

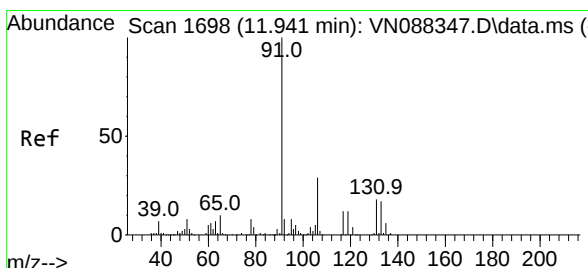
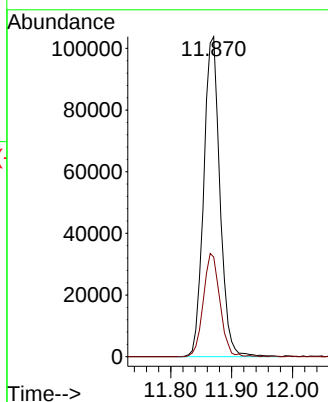
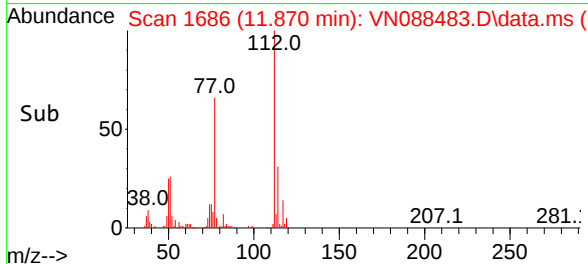
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



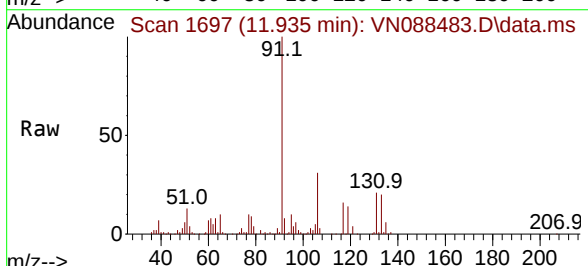
Tgt Ion:112 Resp: 19237
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

Manual Integrations
APPROVED

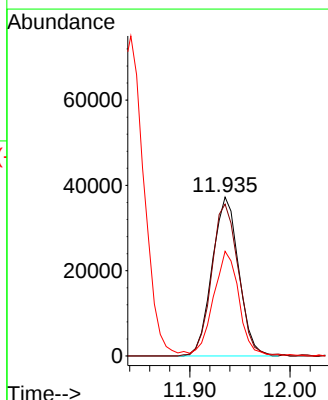
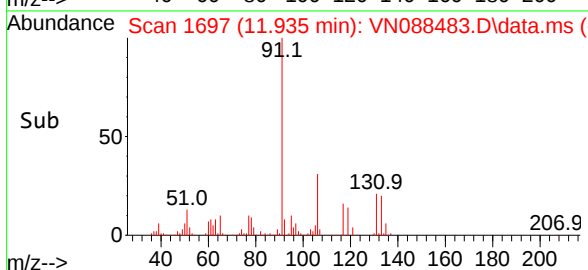
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

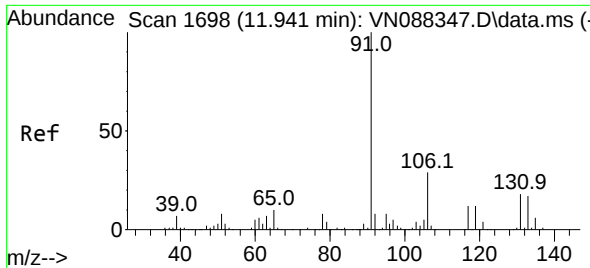


#66
1,1,1,2-Tetrachloroethane
Concen: 21.684 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



Tgt Ion:131 Resp: 68783
Ion Ratio Lower Upper
131 100
133 96.6 47.4 142.2
119 62.1 33.4 100.1





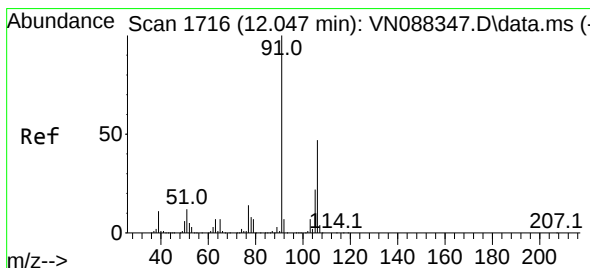
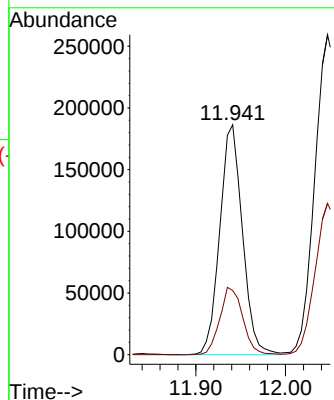
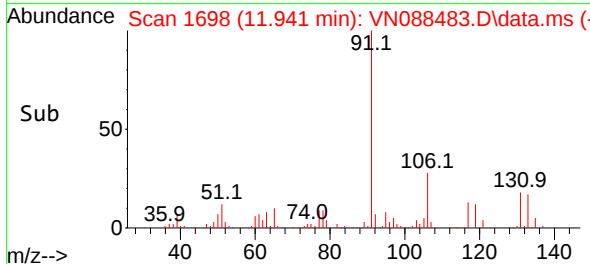
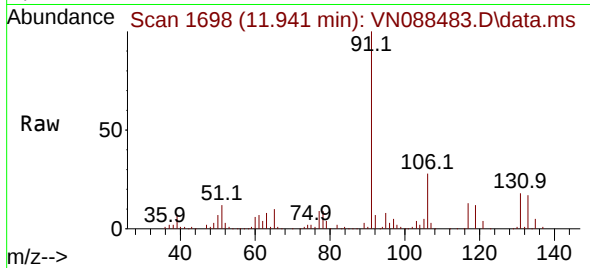
#67
Ethyl Benzene
Concen: 19.865 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 91 Resp: 326544
Ion Ratio Lower Upper
91 100
106 27.9 23.6 35.4

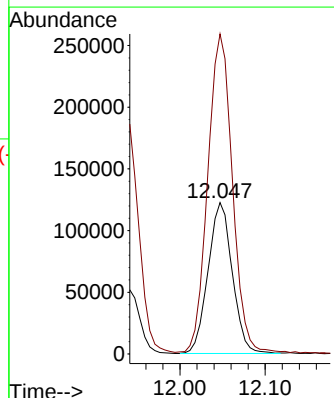
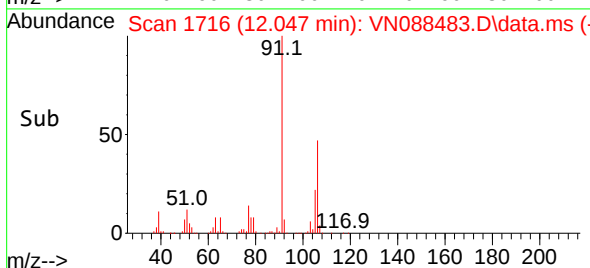
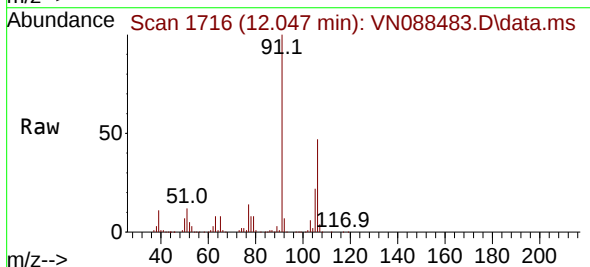
Manual Integrations
APPROVED

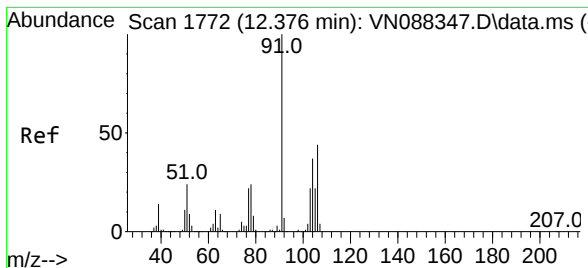
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#68
m/p-Xylenes
Concen: 39.600 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion:106 Resp: 241352
Ion Ratio Lower Upper
106 100
91 217.2 167.8 251.6





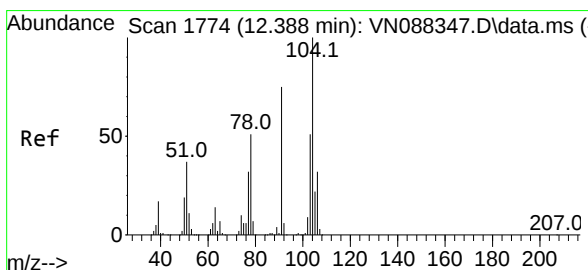
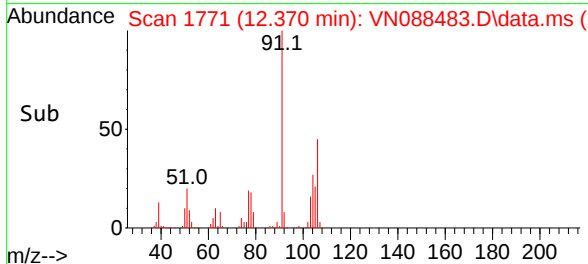
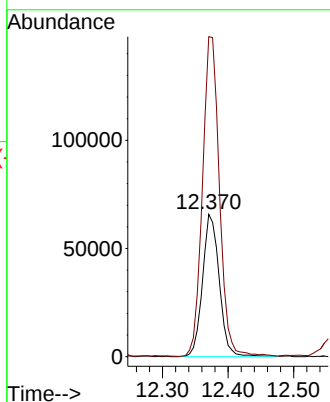
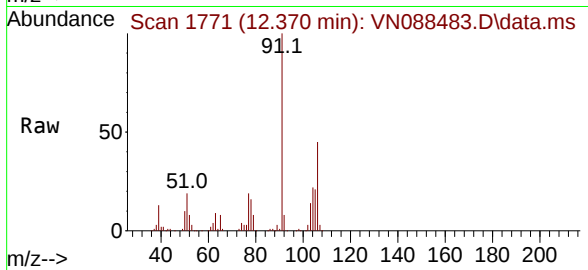
#69
o-Xylene
Concen: 20.173 ug/l
RT: 12.370 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:106 Resp: 117218
Ion Ratio Lower Upper
106 100
91 227.5 112.9 338.7

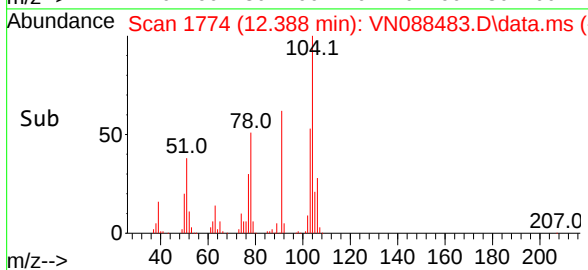
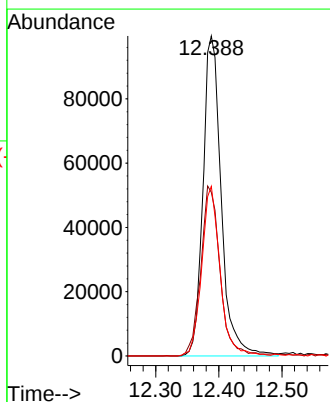
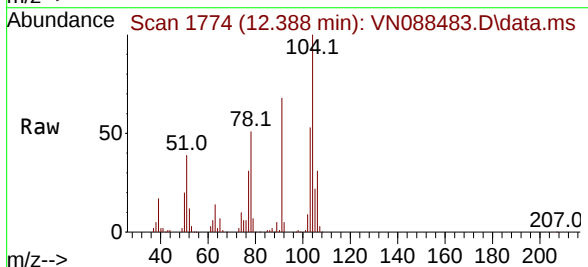
Manual Integrations
APPROVED

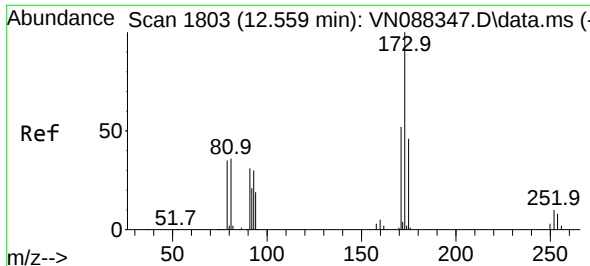
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#70
Styrene
Concen: 21.238 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

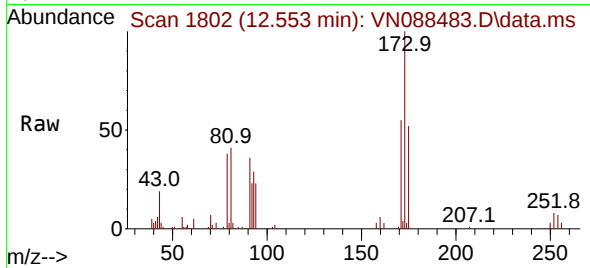
Tgt Ion:104 Resp: 200374
Ion Ratio Lower Upper
104 100
78 55.9 44.3 66.5
103 53.3 44.2 66.4





#71
Bromoform
Concen: 20.361 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

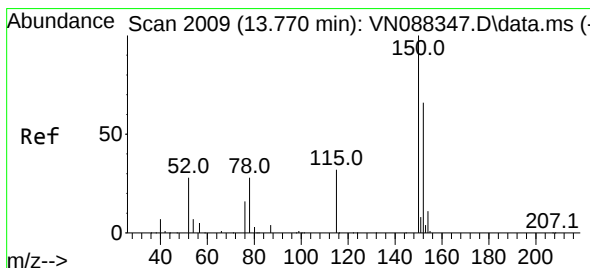
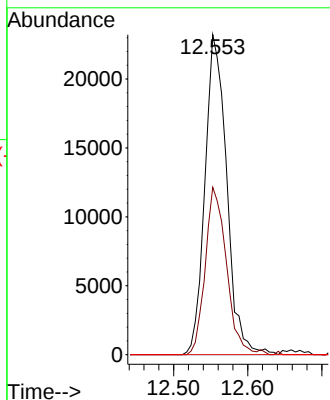
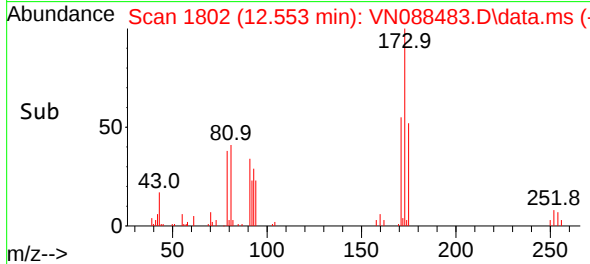
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



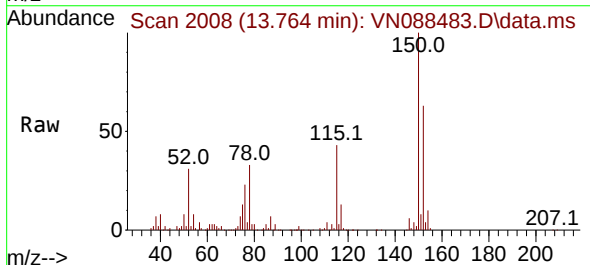
Tgt Ion:173 Resp: 47308
Ion Ratio Lower Upper
173 100
175 51.2 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

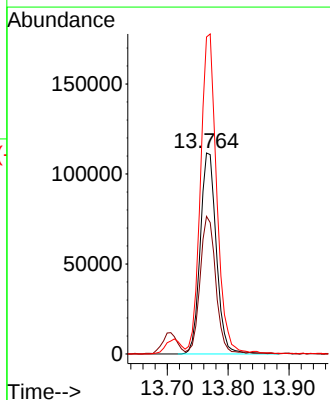
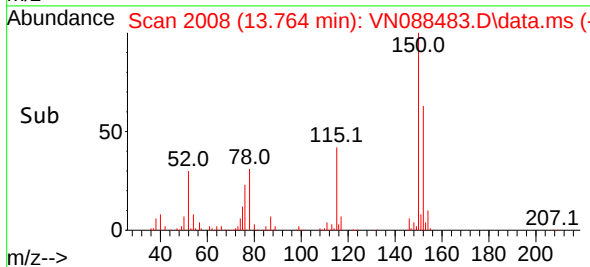
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

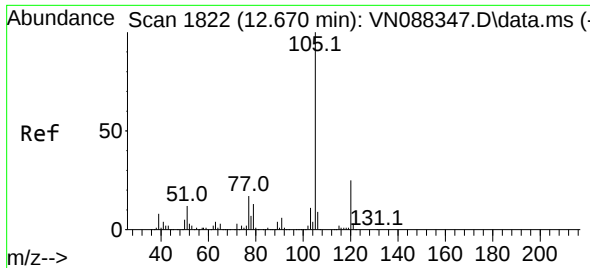


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



Tgt Ion:152 Resp: 205139
Ion Ratio Lower Upper
152 100
115 66.6 33.0 98.9
150 157.9 0.0 349.0





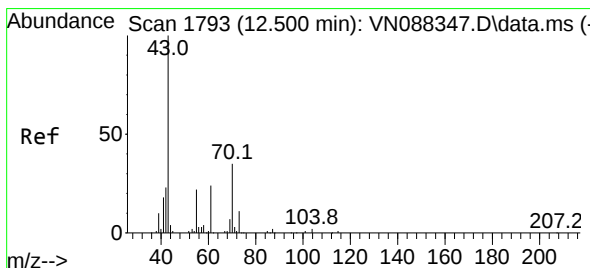
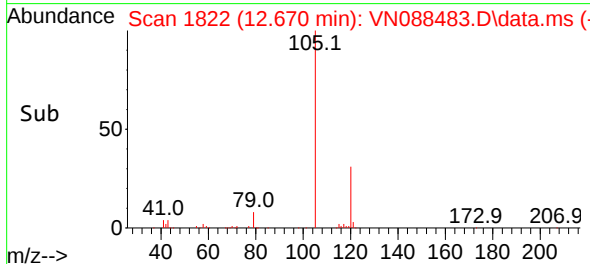
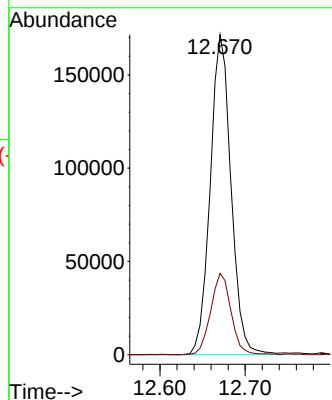
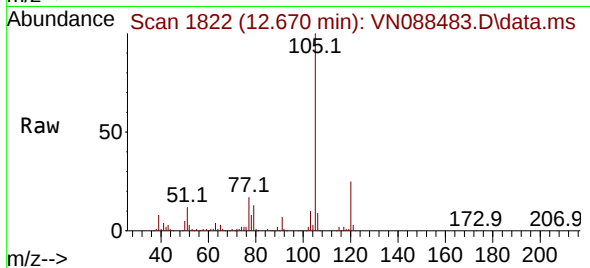
#73
Isopropylbenzene
Concen: 19.171 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:105 Resp: 290778
Ion Ratio Lower Upper
105 100
120 24.8 12.8 38.3

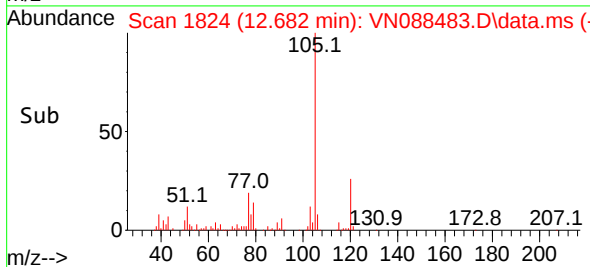
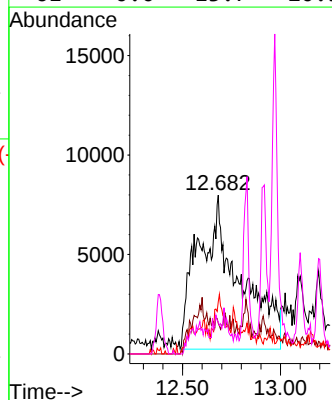
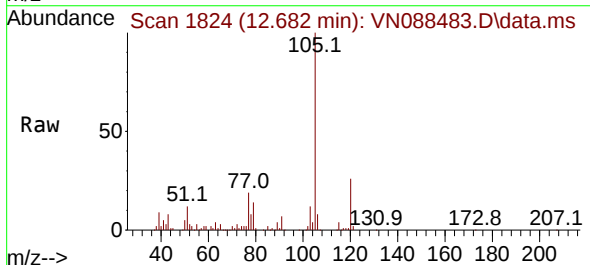
Manual Integrations
APPROVED

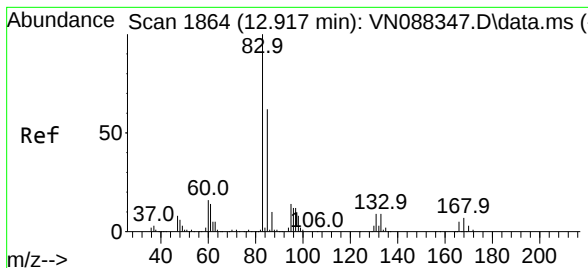
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#74
N-ethyl acetate
Concen: 21.969 ug/l m
RT: 12.682 min Scan# 1824
Delta R.T. 0.182 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion: 43 Resp: 113480
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 0.0 17.7 26.5#
61 0.0 13.7 20.5#





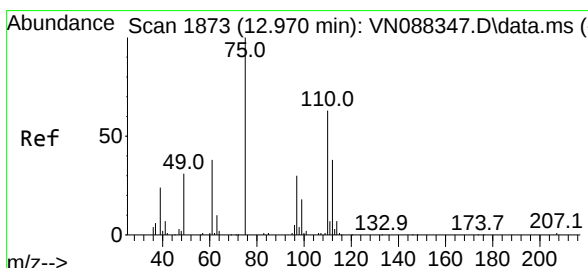
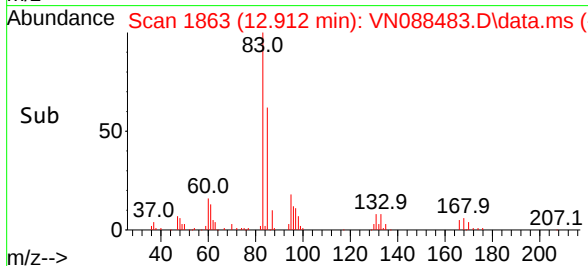
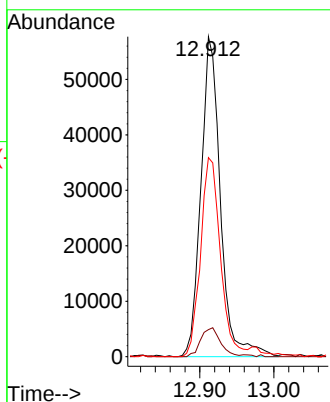
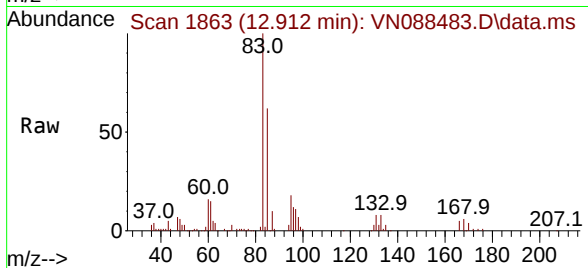
#75
1,1,2,2-Tetrachloroethane
Concen: 21.525 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 83 Resp: 10554
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.4
85 63.3 32.1 96.5

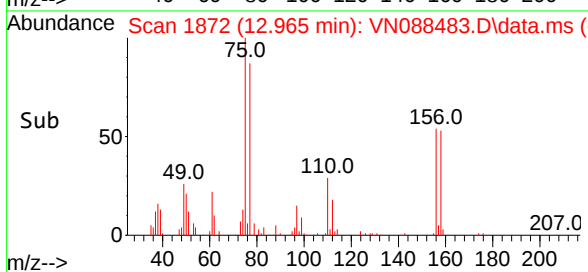
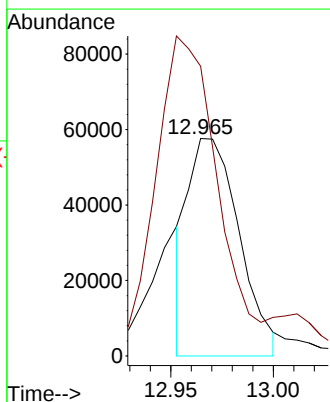
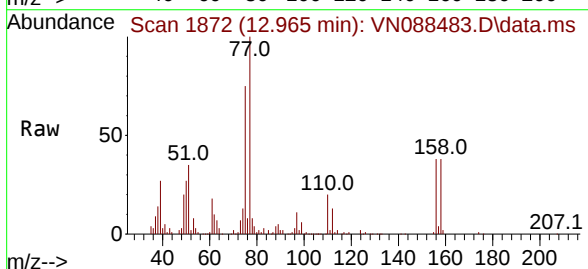
Manual Integrations
APPROVED

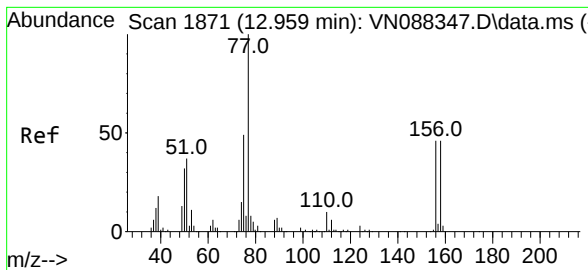
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#76
1,2,3-Trichloropropane
Concen: 20.791 ug/l m
RT: 12.965 min Scan# 1872
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion: 75 Resp: 99893
Ion Ratio Lower Upper
75 100
77 179.1 87.2 261.6





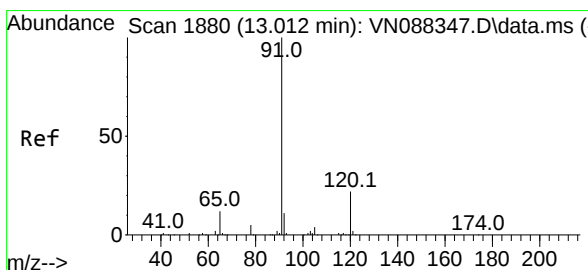
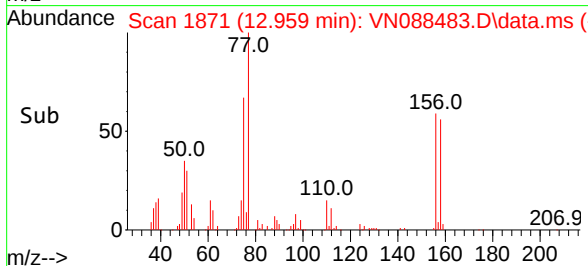
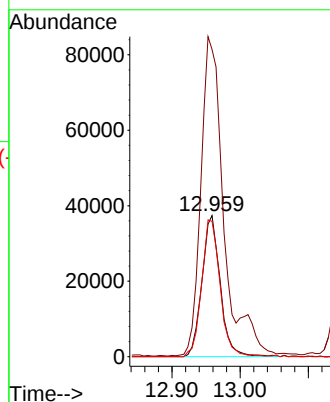
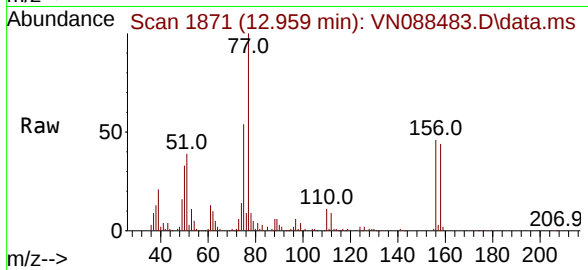
#77
Bromobenzene
Concen: 20.138 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:156 Resp: 69889
Ion Ratio Lower Upper
156 100
77 256.0 121.6 364.7
158 97.5 48.6 145.8

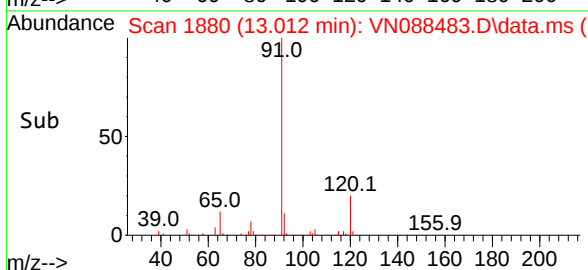
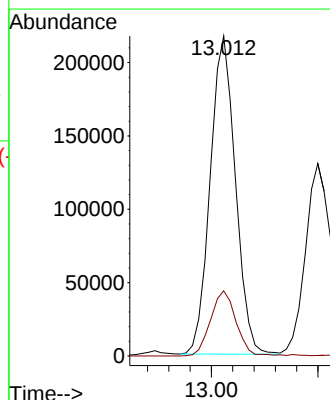
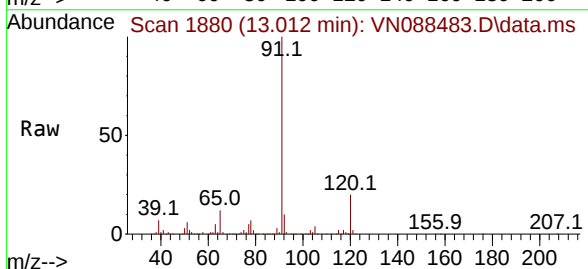
Manual Integrations
APPROVED

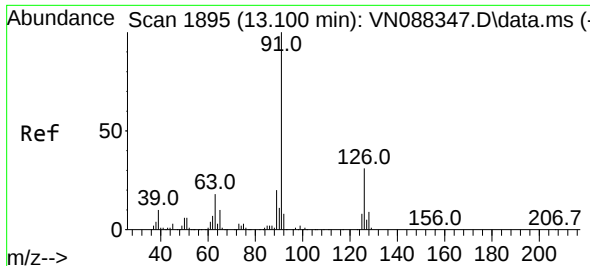
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#78
n-propylbenzene
Concen: 19.183 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

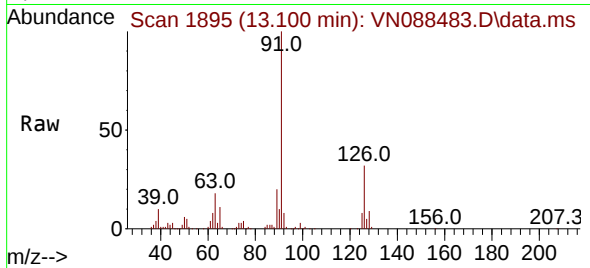
Tgt Ion: 91 Resp: 355951
Ion Ratio Lower Upper
91 100
120 20.7 10.9 32.6





#79
2-Chlorotoluene
Concen: 19.754 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

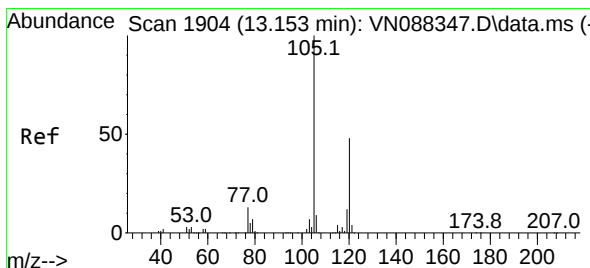
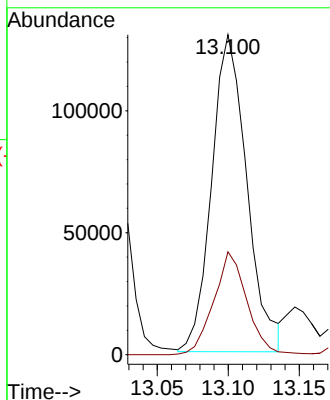
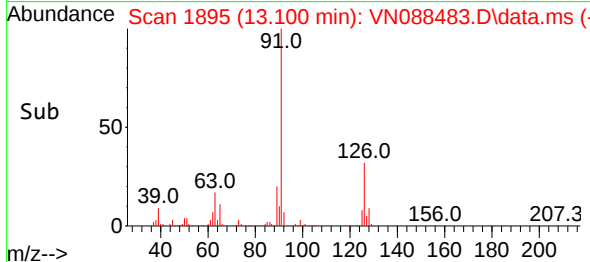
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



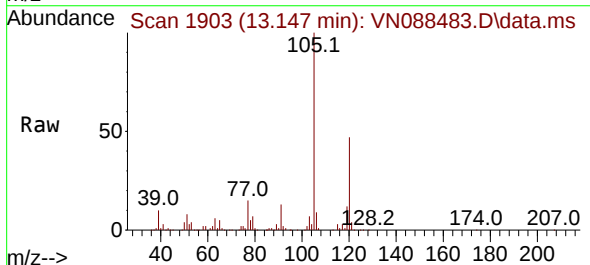
Tgt Ion: 91 Resp: 223835
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.9

Manual Integrations
APPROVED

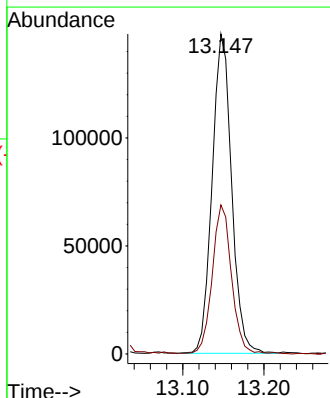
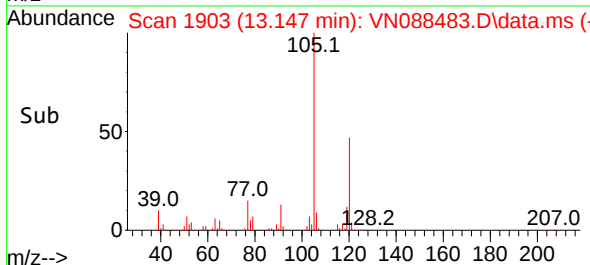
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

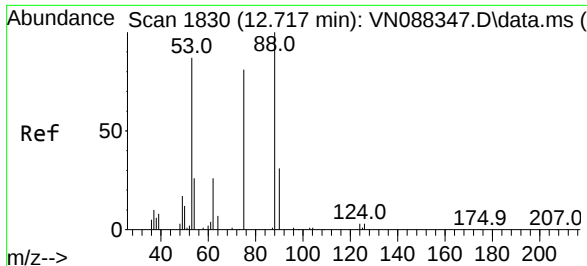


#80
1,3,5-Trimethylbenzene
Concen: 19.600 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



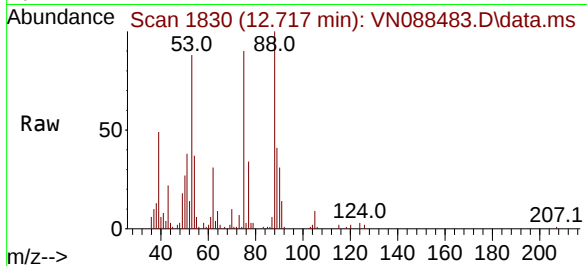
Tgt Ion:105 Resp: 246345
Ion Ratio Lower Upper
105 100
120 45.7 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.736 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

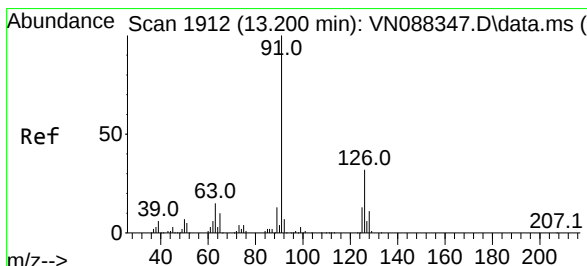
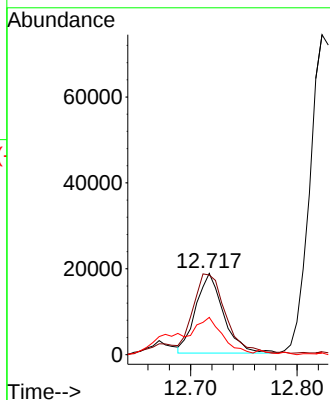
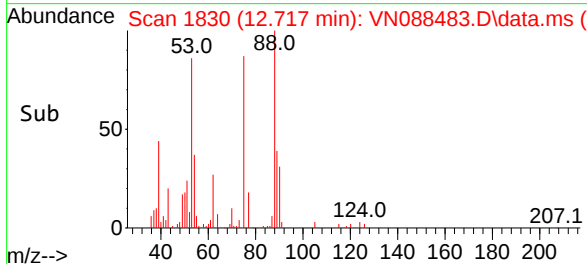
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



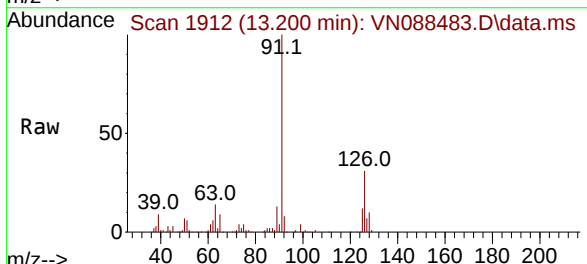
Tgt Ion: 75 Resp: 33420
Ion Ratio Lower Upper
75 100
53 136.6 92.2 138.4
89 78.4 0.0 0.0

Manual Integrations
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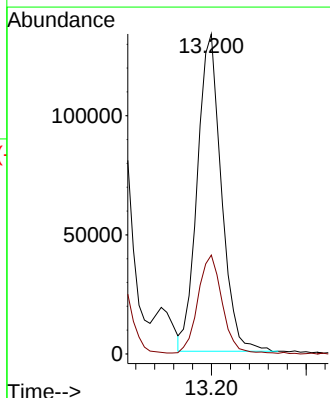
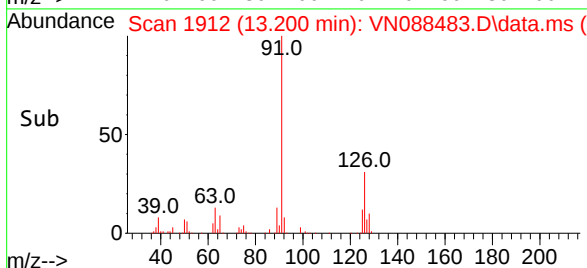
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

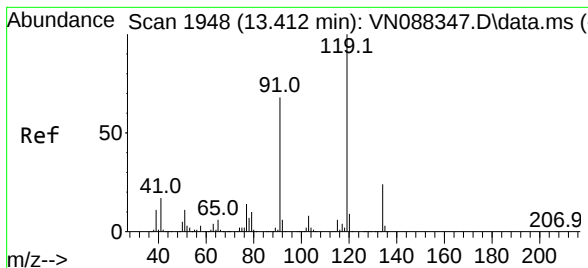


#82
4-Chlorotoluene
Concen: 20.798 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



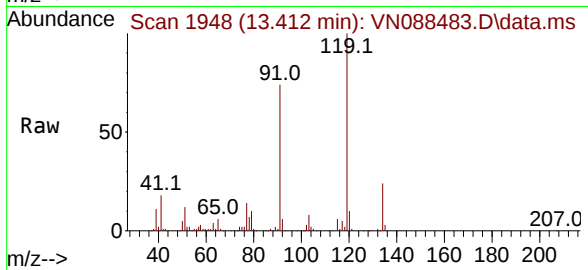
Tgt Ion: 91 Resp: 234070
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.7





#83
tert-Butylbenzene
Concen: 18.448 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

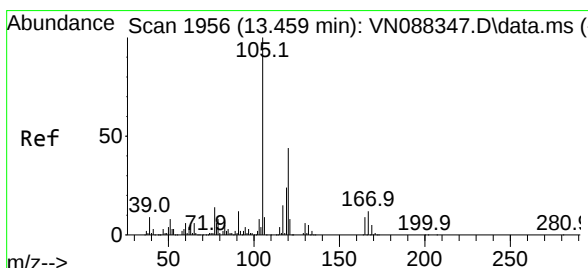
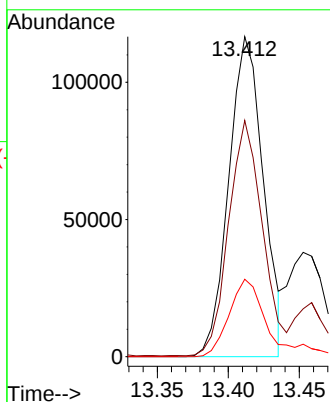
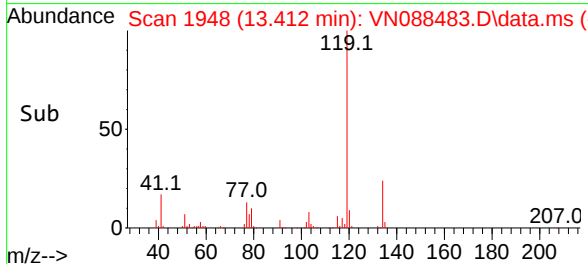
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion:119 Resp: 19710
Ion Ratio Lower Upper
119 100
91 72.5 35.1 105.3
134 26.9 12.8 38.4

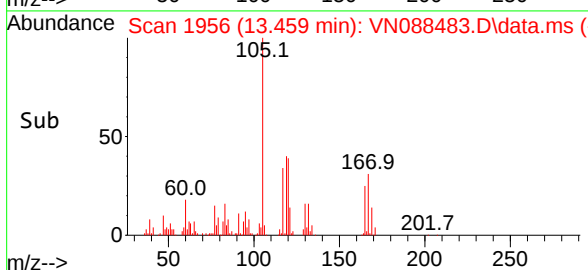
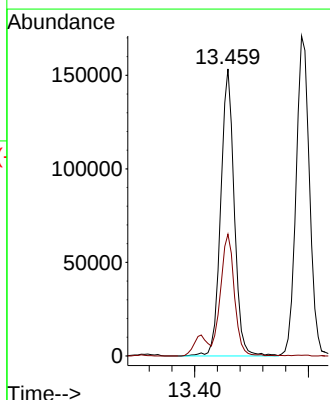
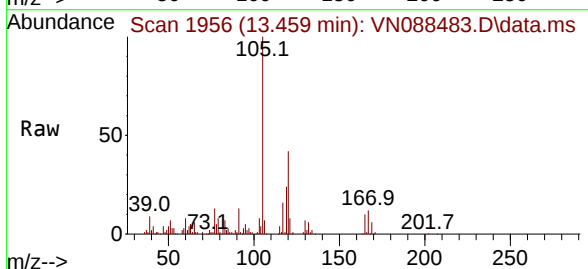
Manual Integrations
APPROVED

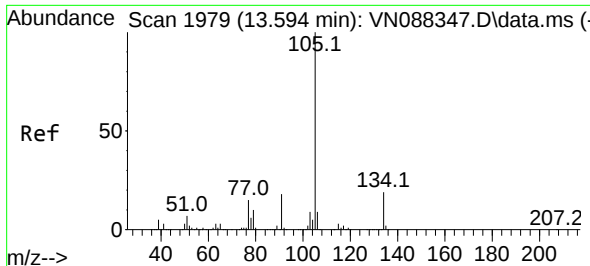
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.337 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion:105 Resp: 254068
Ion Ratio Lower Upper
105 100
120 42.9 22.1 66.1





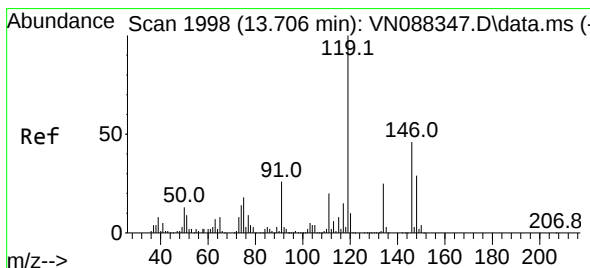
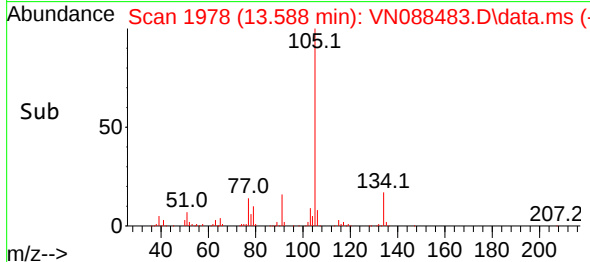
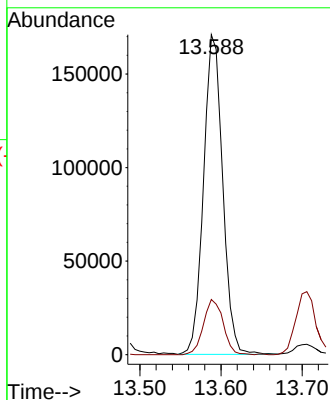
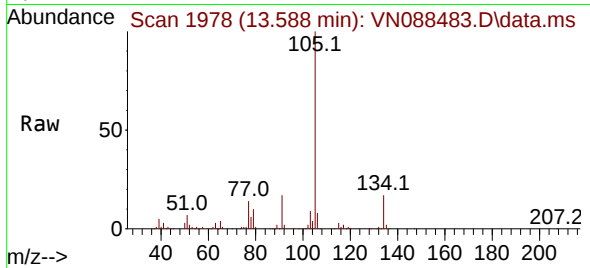
#85
 sec-Butylbenzene
 Concen: 18.218 ug/l
 RT: 13.588 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VN088483.D
 Acq: 09 Dec 2025 16:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS02

Tgt Ion:105 Resp: 27963
 Ion Ratio Lower Upper
 105 100
 134 17.7 9.5 28.5

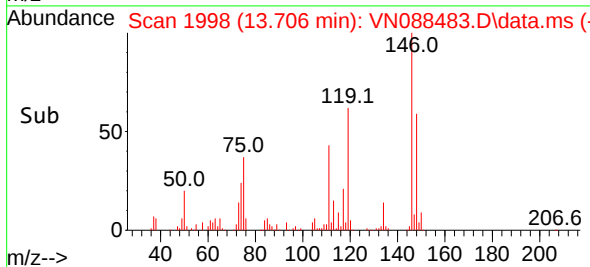
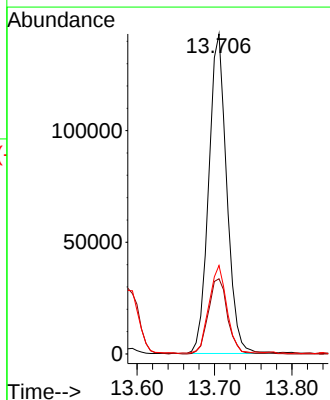
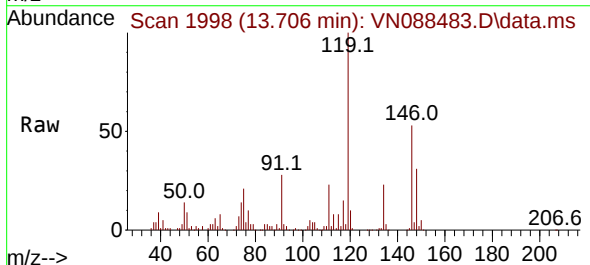
Manual Integrations
 APPROVED

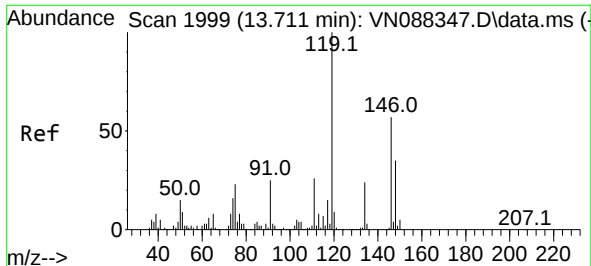
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#86
 p-Isopropyltoluene
 Concen: 18.383 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088483.D
 Acq: 09 Dec 2025 16:43

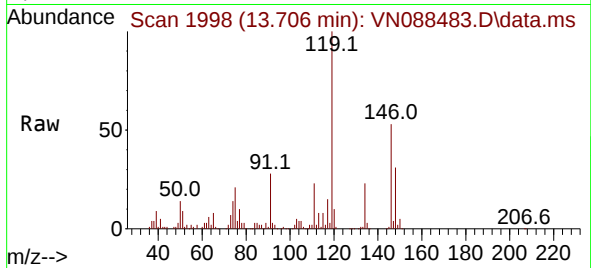
Tgt Ion:119 Resp: 231372
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.2 36.6
 91 27.1 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 20.035 ug/l
RT: 13.706 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

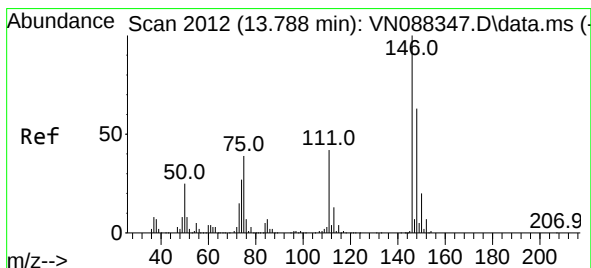
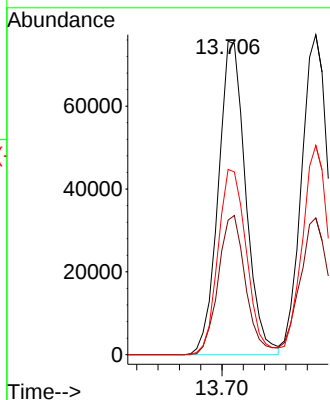
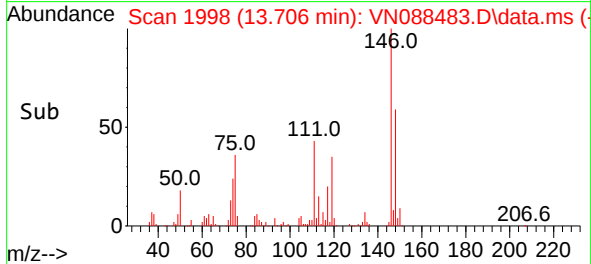
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



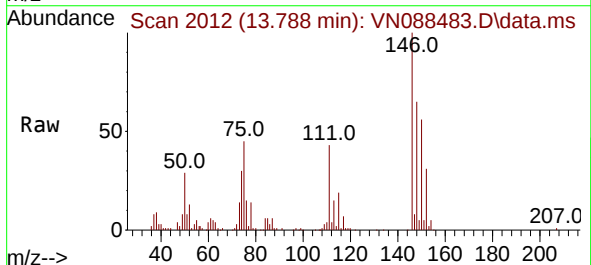
Tgt Ion:146 Resp: 135352
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 61.5 31.6 94.8

Manual Integrations
APPROVED

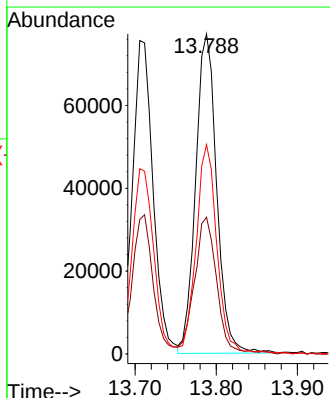
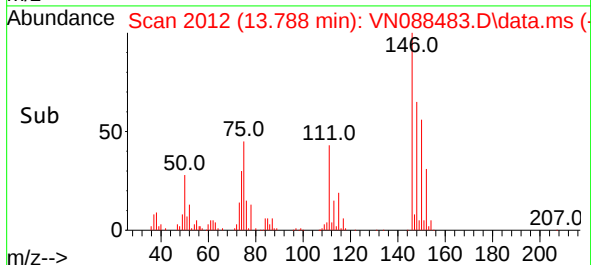
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

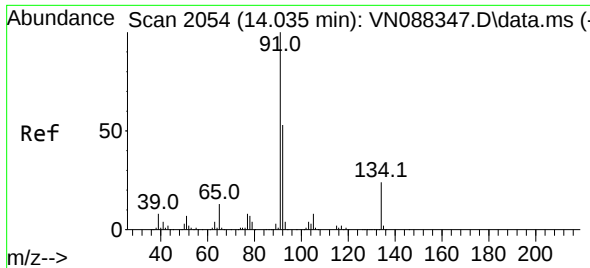


#88
1,4-Dichlorobenzene
Concen: 19.639 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43



Tgt Ion:146 Resp: 138975
Ion Ratio Lower Upper
146 100
111 44.2 21.6 64.6
148 65.2 31.0 93.0





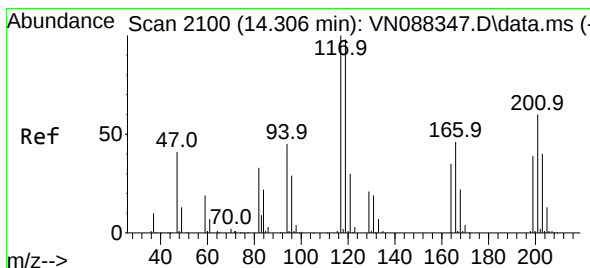
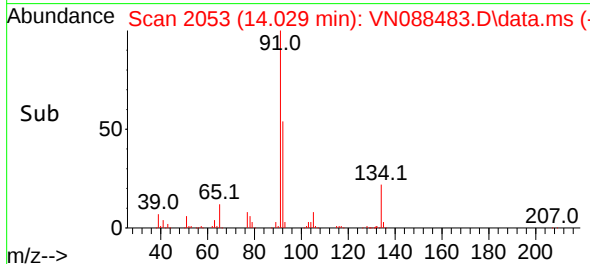
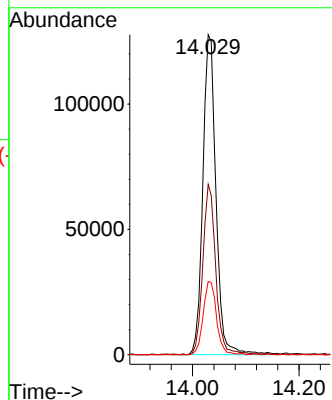
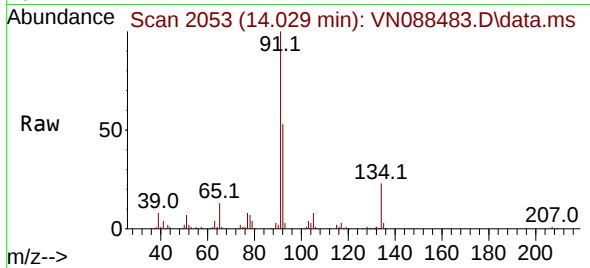
#89
n-Butylbenzene
Concen: 17.900 ug/l
RT: 14.029 min Scan# 2054
Delta R.T. -0.006 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 91 Resp: 21875
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.3
134 23.3 11.7 35.1

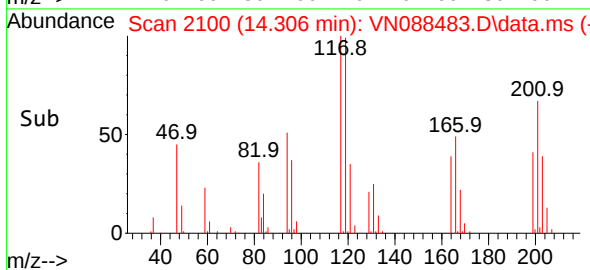
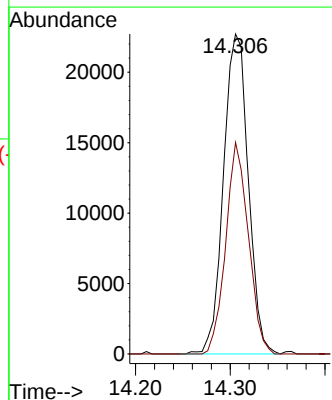
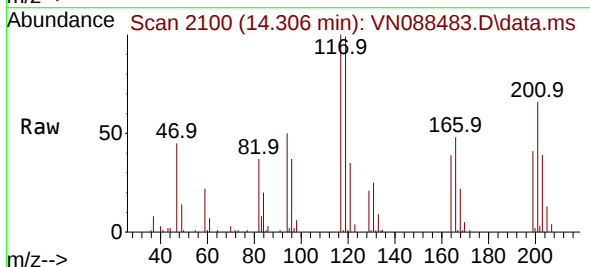
Manual Integrations
APPROVED

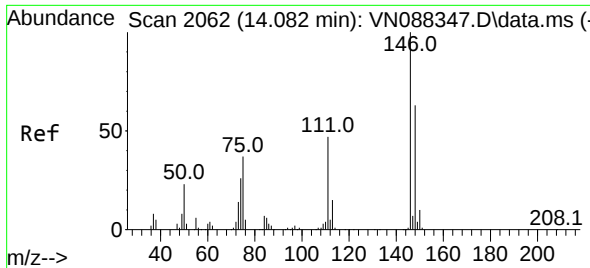
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#90
Hexachloroethane
Concen: 17.962 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion:117 Resp: 41299
Ion Ratio Lower Upper
117 100
201 60.6 30.3 90.9





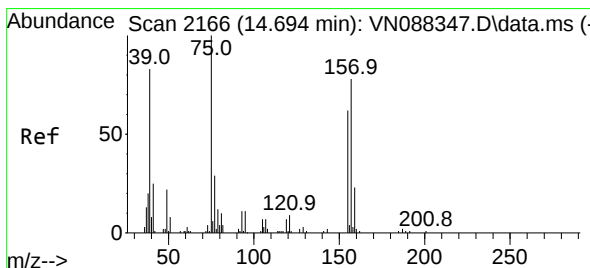
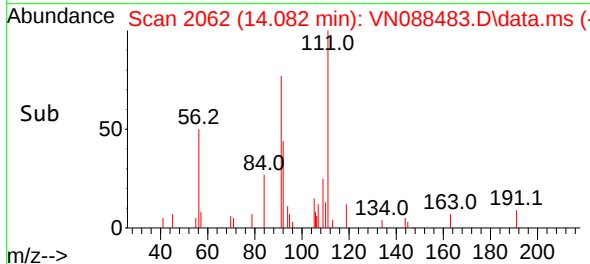
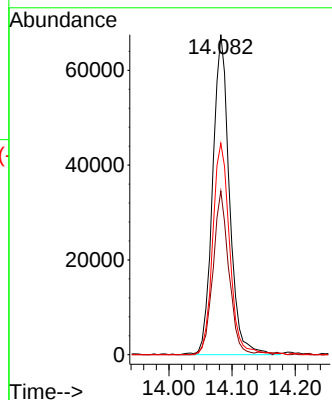
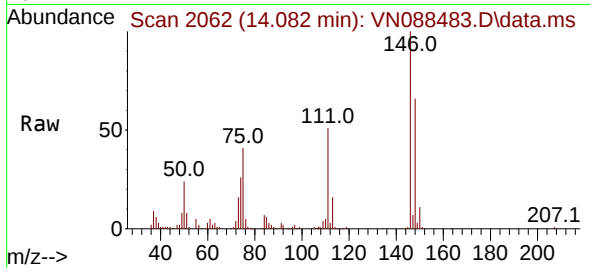
#91
1,2-Dichlorobenzene
Concen: 19.581 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:146 Resp: 12448
Ion Ratio Lower Upper
146 100
111 48.0 23.3 69.9
148 66.7 31.8 95.4

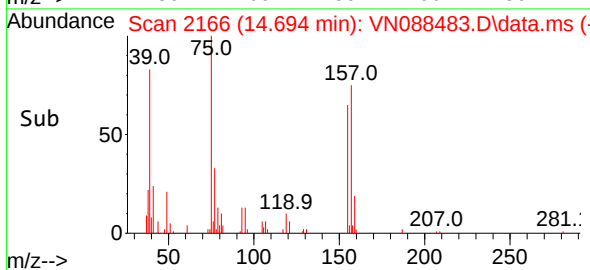
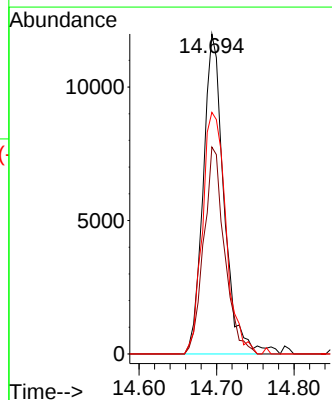
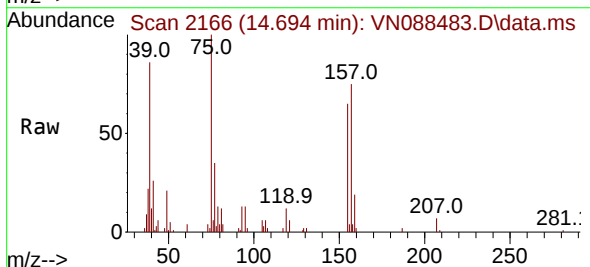
Manual Integrations
APPROVED

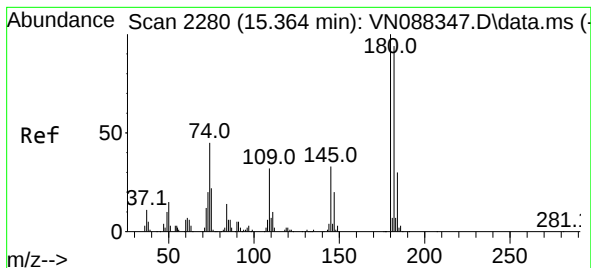
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.819 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088483.D
Acq: 09 Dec 2025 16:43

Tgt Ion: 75 Resp: 22389
Ion Ratio Lower Upper
75 100
155 64.7 33.7 101.1
157 84.9 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 18.139 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088483.D

Acq: 09 Dec 2025 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion:180 Resp: 68510

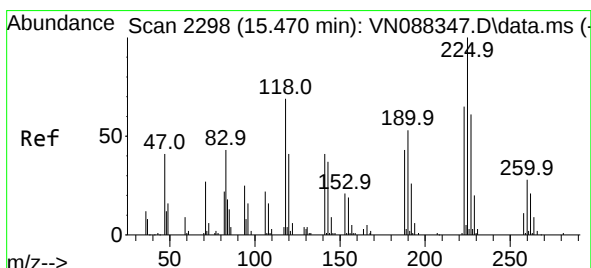
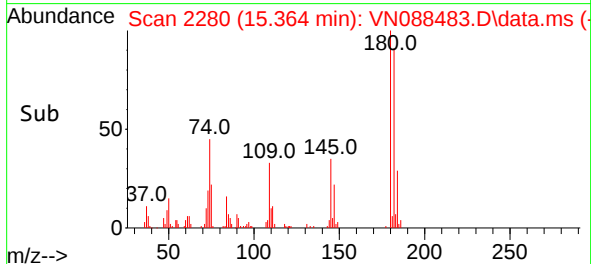
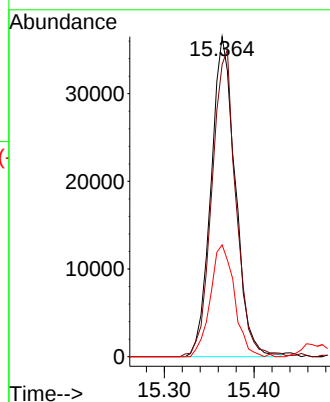
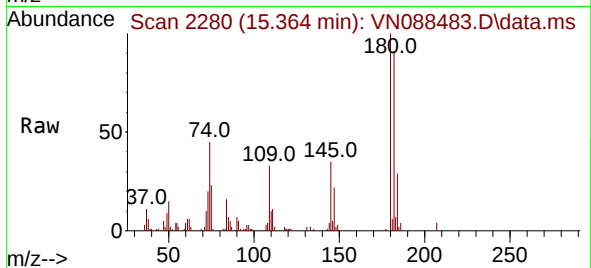
Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.1	138.2
145	34.7	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#94

Hexachlorobutadiene

Concen: 15.869 ug/l

RT: 15.470 min Scan# 2298

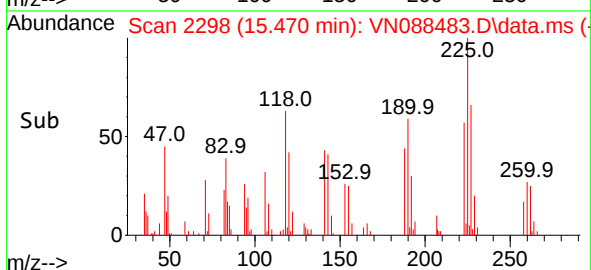
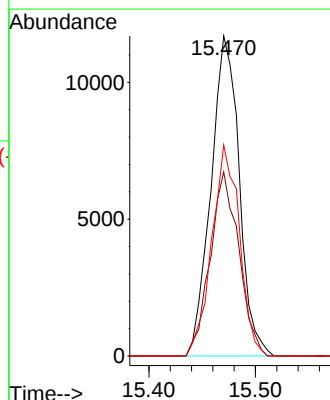
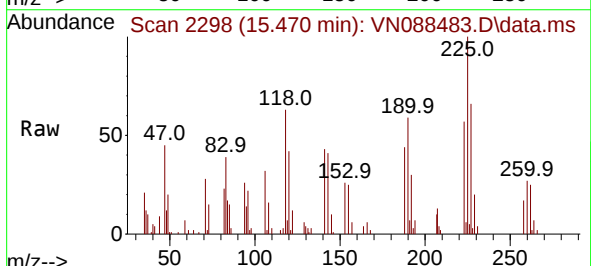
Delta R.T. 0.000 min

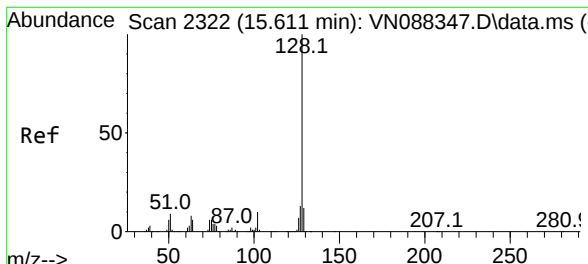
Lab File: VN088483.D

Acq: 09 Dec 2025 16:43

Tgt Ion:225 Resp: 21540

Ion	Ratio	Lower	Upper
225	100		
223	58.4	32.3	96.8
227	64.2	29.9	89.8





#95
 Naphthalene
 Concen: 17.972 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VN088483.D
 Acq: 09 Dec 2025 16:43

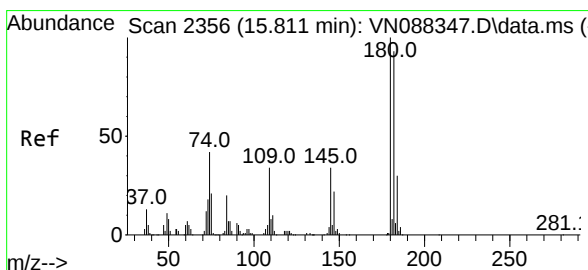
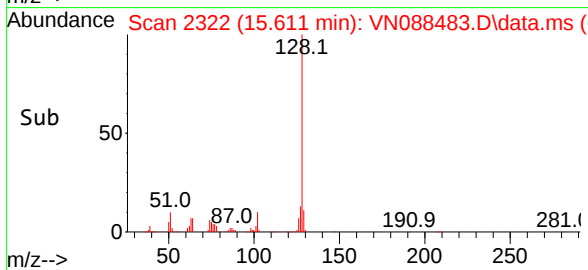
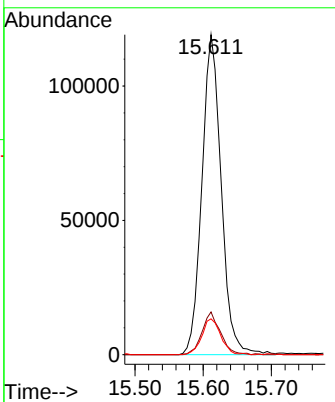
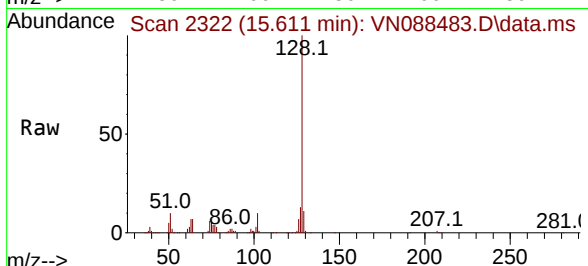
Instrument : MSVOA_N
 ClientSampleId : VN1209WBS02

Tgt Ion:128 Resp: 235240

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.0	9.0	13.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 16.991 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088483.D
 Acq: 09 Dec 2025 16:43

Tgt Ion:180 Resp: 62462

Ion	Ratio	Lower	Upper
180	100		
182	101.6	45.9	137.7
145	38.4	17.8	53.4

