

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088163.D
 Acq On : 29 Oct 2025 16:09
 Operator : JC\MD
 Sample : Q3472-12
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-5

Quant Time: Oct 30 04:09:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	202855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	432604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	386234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	195599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	207928	59.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.560%
35) Dibromofluoromethane	8.147	113	149512	51.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.880%
50) Toluene-d8	10.541	98	551093	49.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.829	95	211388	53.451	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.900%
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	677	0.386	ug/l #	3
10) Methyl Iodide	4.559	142	4697	6.018	ug/l #	79
11) Tert butyl alcohol	5.465	59	6613	10.943	ug/l #	73
13) Acrolein	4.165	56	305	0.449	ug/l #	52
16) Acetone	4.448	43	27832	15.793	ug/l	94
18) Methyl Acetate	5.030	43	6585	1.825	ug/l #	76
20) Methylene Chloride	5.242	84	3589	2.061	ug/l #	62
25) 2-Butanone	7.471	43	4224	1.819	ug/l #	50
29) Tetrahydrofuran	7.824	42	438	0.289	ug/l #	34
31) Cyclohexane	8.194	56	590217	120.203	ug/l #	47
36) 1,1-Dichloropropene	8.200	75	20188	4.757	ug/l #	74
38) Carbon Tetrachloride	8.200	117	24734	5.643	ug/l #	14
39) Methylcyclohexane	9.571	83	52085	9.549	ug/l	96
41) Methacrylonitrile	7.977	41	56213	19.504	ug/l #	53
43) Isopropyl Acetate	8.677	43	184263	21.898	ug/l #	58
45) 1,2-Dichloropropane	9.571	63	794	0.243	ug/l #	1
48) Methyl methacrylate	9.577	41	30662	7.893	ug/l #	78
52) Toluene	10.606	92	21297	2.673	ug/l	98
55) 1,1,2-Trichloroethane	10.977	97	6437	2.129	ug/l #	19
59) 2-Hexanone	11.153	43	7987	2.419	ug/l #	30
64) Tetrachloroethene	11.088	164	586	0.230	ug/l #	56
67) Ethyl Benzene	11.941	91	26677	1.733	ug/l	95
68) m/p-Xylenes	12.047	106	35471	6.150	ug/l	95
69) o-Xylene	12.376	106	17043	3.117	ug/l	92
73) Isopropylbenzene	12.671	105	10998	0.729	ug/l	78
74) N-amyl acetate	12.459	43	22056	5.150	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.859	83	5734	1.221	ug/l	92
76) 1,2,3-Trichloropropane	12.829	75	114350	25.570	ug/l #	1
78) n-propylbenzene	13.018	91	42135	2.289	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	51459	4.107	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.829	75	114350	71.329	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.459	105	185160	14.771	ug/l	99
85) sec-Butylbenzene	13.594	105	23299	1.417	ug/l	81
86) p-Isopropyltoluene	13.706	119	14177	1.075	ug/l	95
89) n-Butylbenzene	14.029	91	46310	3.544	ug/l #	84
90) Hexachloroethane	14.306	117	9286	3.635	ug/l #	22

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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

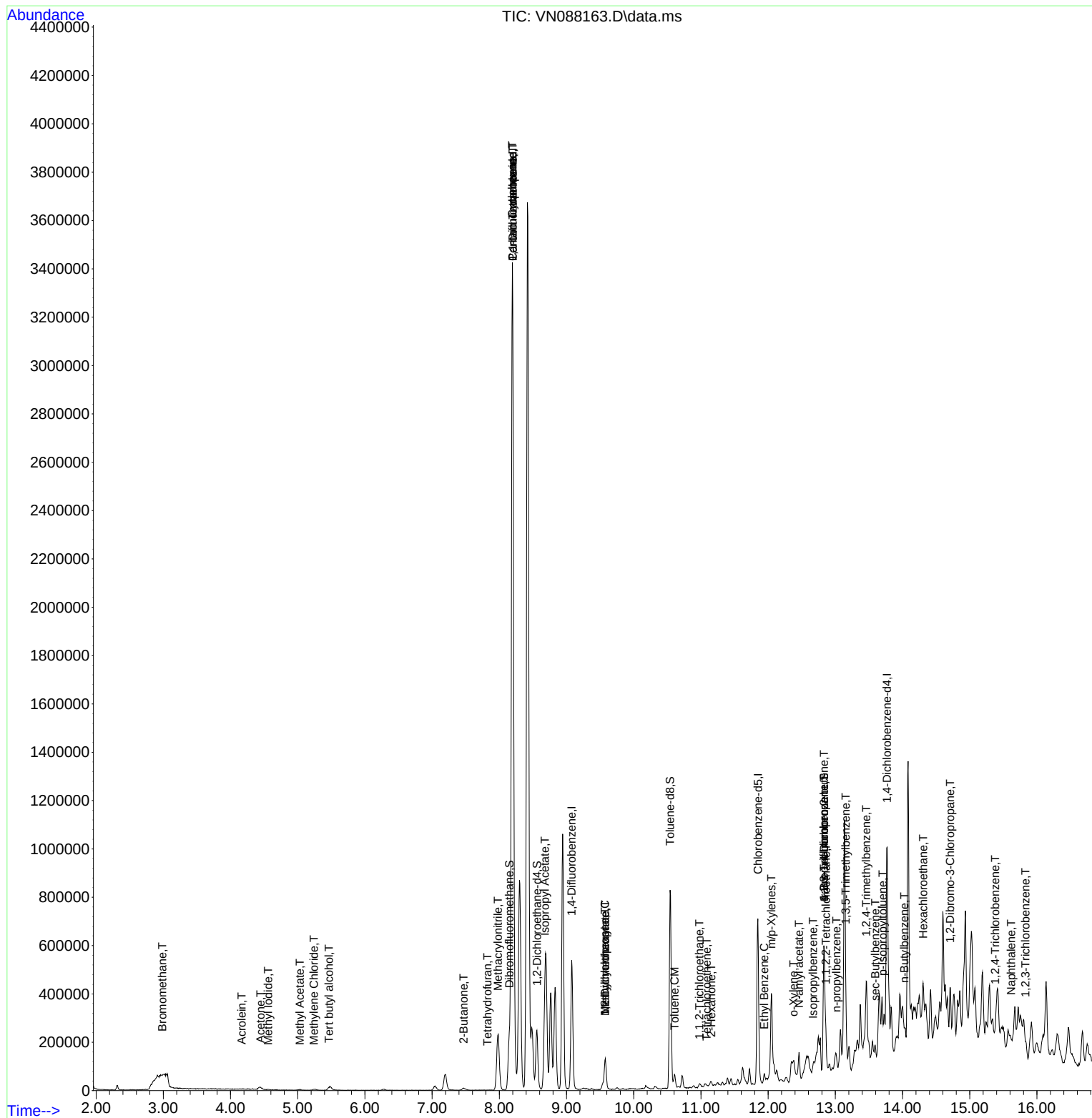
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.706	75	585	0.535	ug/l	93
93) 1,2,4-Trichlorobenzene	15.376	180	1305	0.344	ug/l #	42
95) Naphthalene	15.617	128	36735	2.828	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.829	180	1977	0.544	ug/l #	41

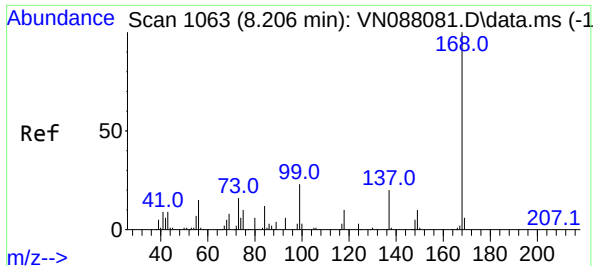
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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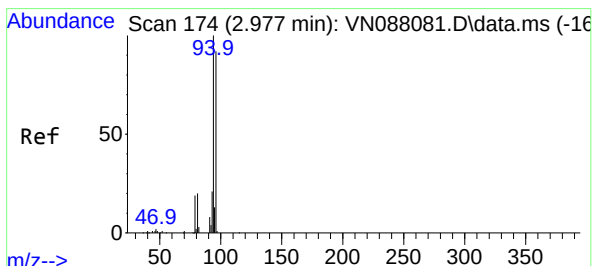
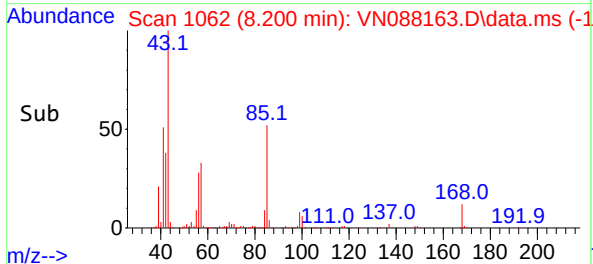
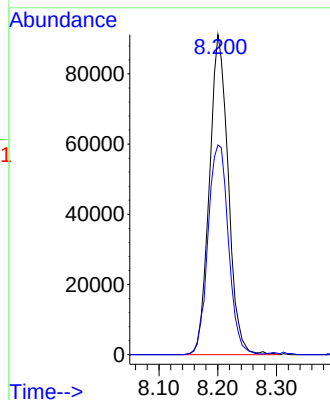
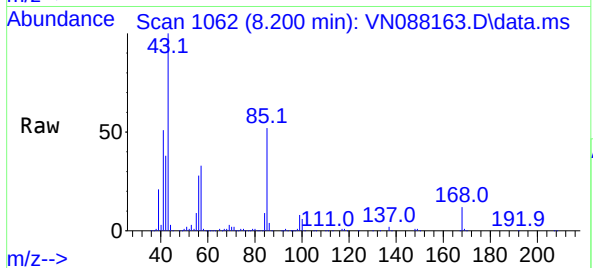




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

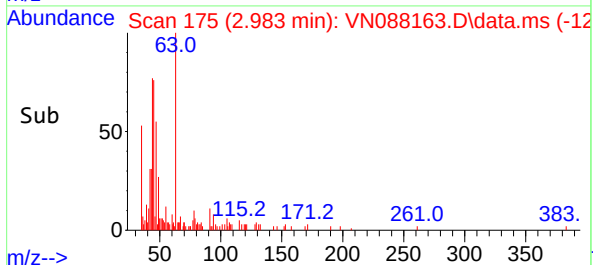
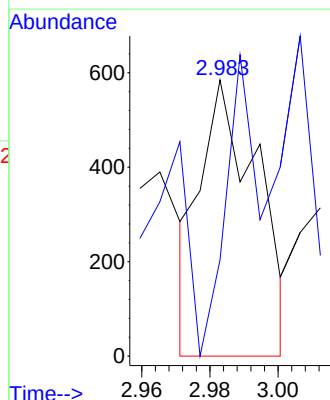
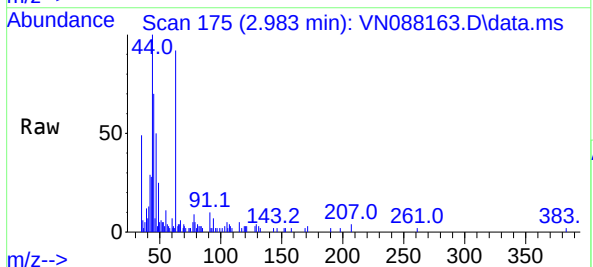
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

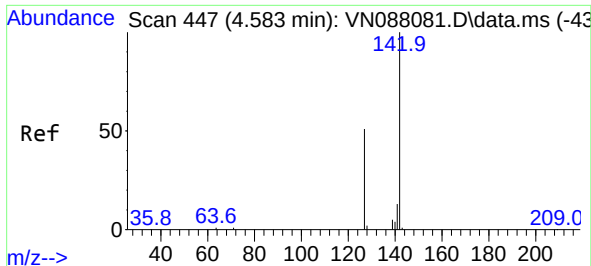
Tgt Ion:168 Resp: 202855
Ion Ratio Lower Upper
168 100
99 65.5 57.2 85.8



#5
Bromomethane
Concen: 0.386 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 94 Resp: 677
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.2#

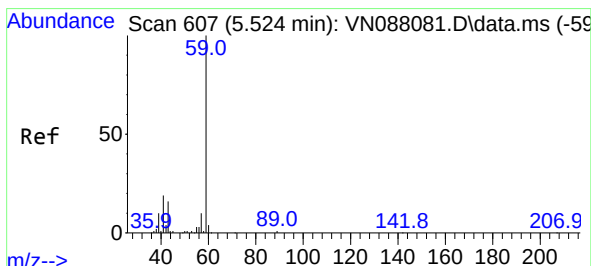
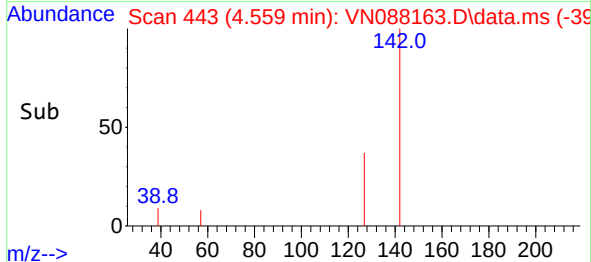
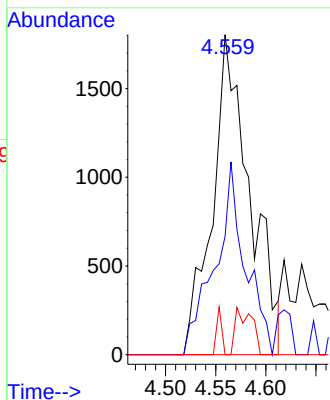
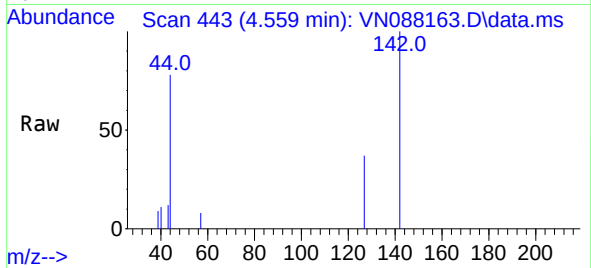




#10
Methyl Iodide
Concen: 6.018 ug/l
RT: 4.559 min Scan# 447
Delta R.T. -0.018 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

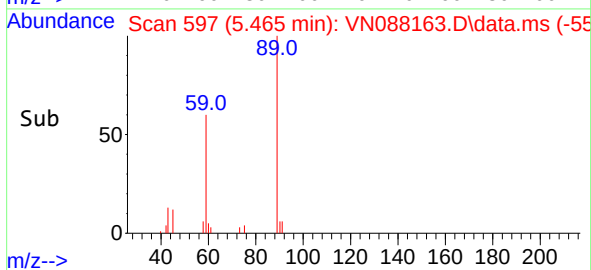
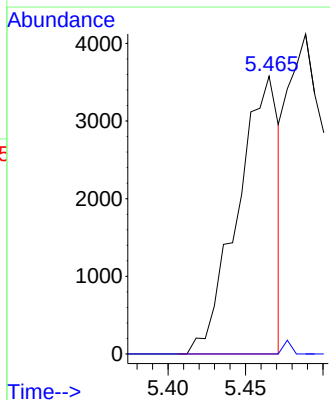
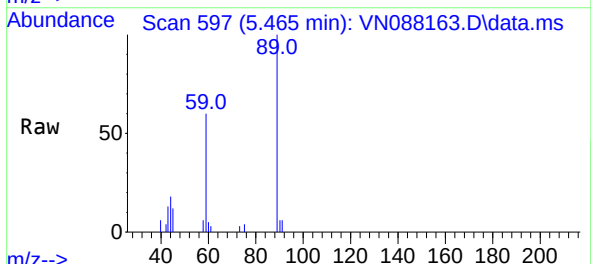
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

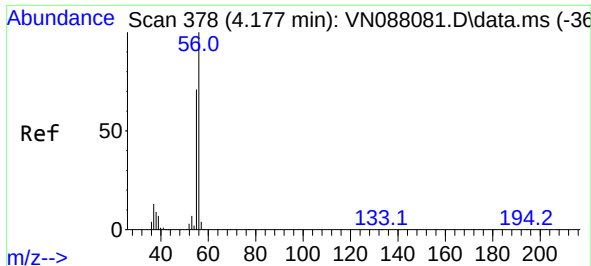
Tgt Ion:142 Resp: 4697
Ion Ratio Lower Upper
142 100
127 37.0 38.0 57.0#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 10.943 ug/l
RT: 5.465 min Scan# 597
Delta R.T. -0.053 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 59 Resp: 6613
Ion Ratio Lower Upper
59 100
57 0.9 9.0 13.4#

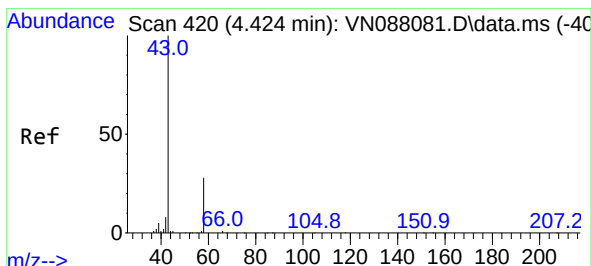
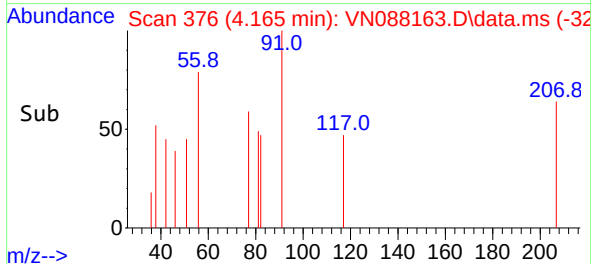
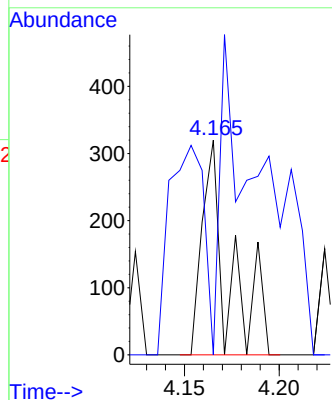
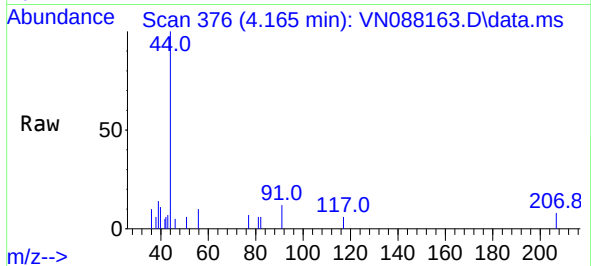




#13
Acrolein
Concen: 0.449 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

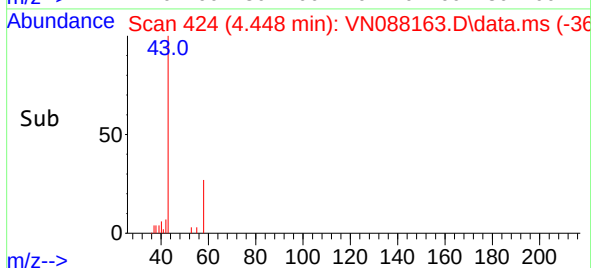
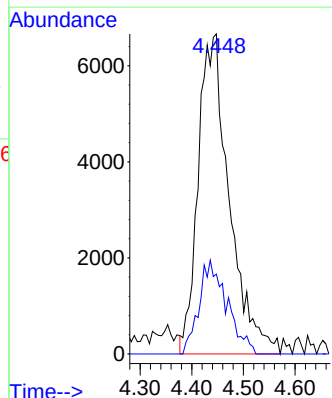
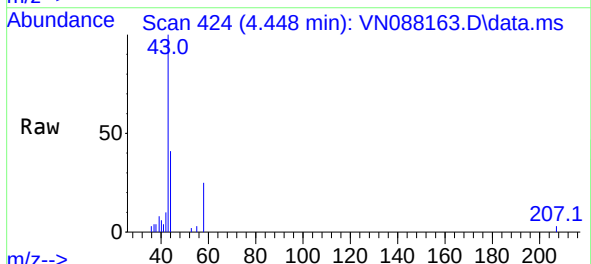
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

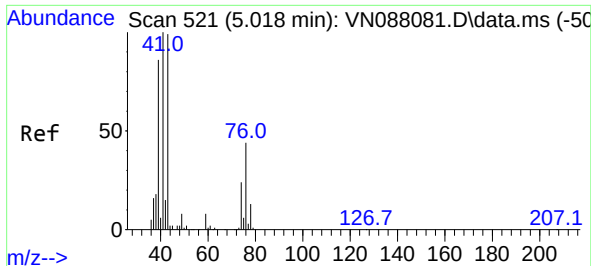
Tgt Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
55 111.8 57.3 85.9#



#16
Acetone
Concen: 15.793 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 43 Resp: 27832
Ion Ratio Lower Upper
43 100
58 24.9 22.6 33.8

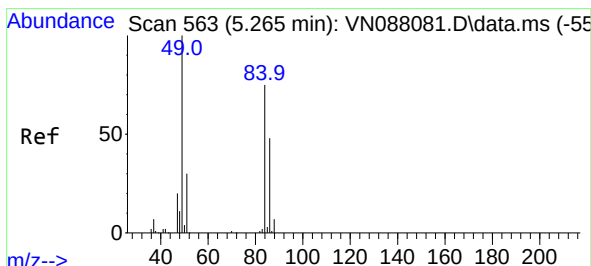
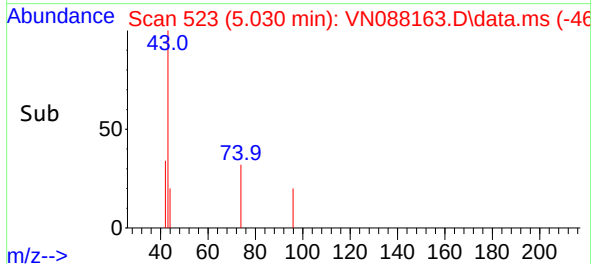
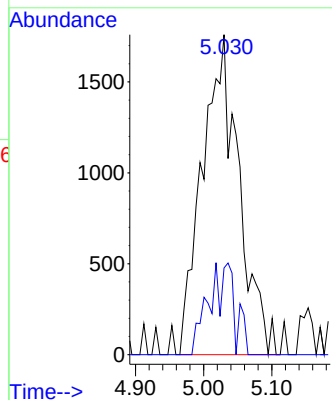
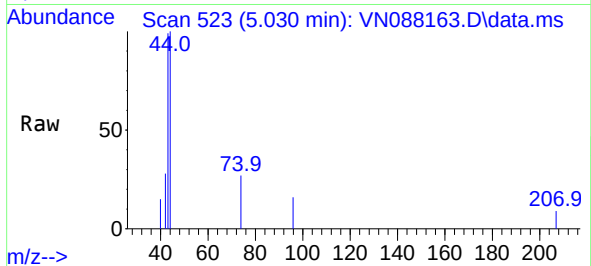




#18
Methyl Acetate
Concen: 1.825 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

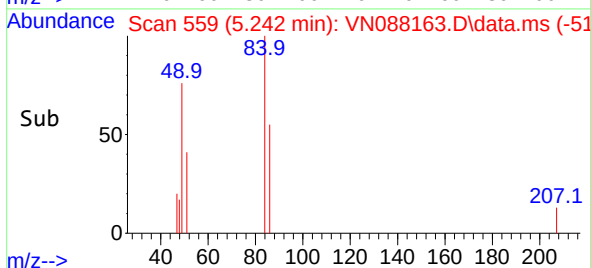
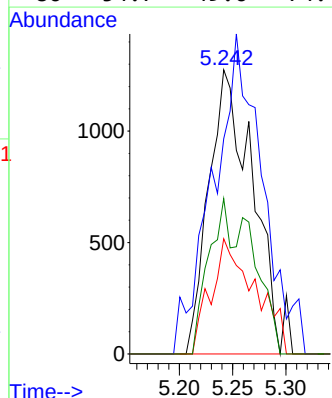
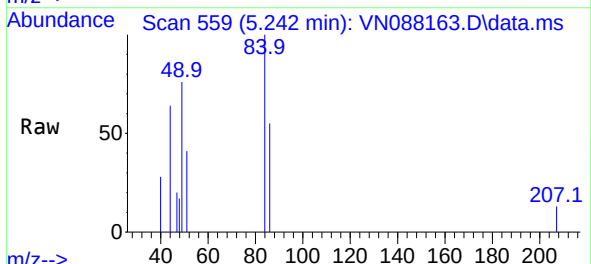
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ClientSampleId :
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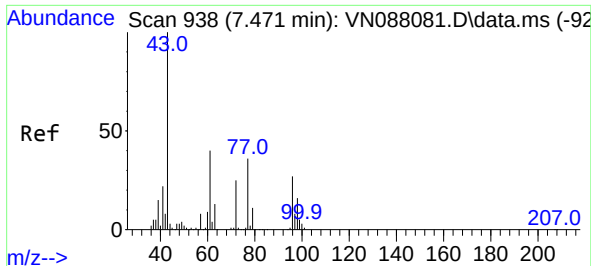
Tgt Ion: 43 Resp: 6585
Ion Ratio Lower Upper
43 100
74 10.3 17.6 26.4#



#20
Methylene Chloride
Concen: 2.061 ug/l
RT: 5.242 min Scan# 559
Delta R.T. -0.023 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 84 Resp: 3589
Ion Ratio Lower Upper
84 100
49 55.8 103.4 155.2#
51 40.5 33.8 50.8
86 54.7 49.6 74.4

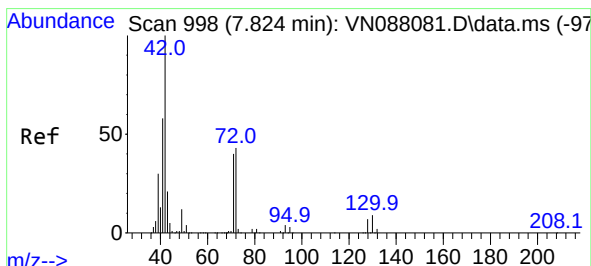
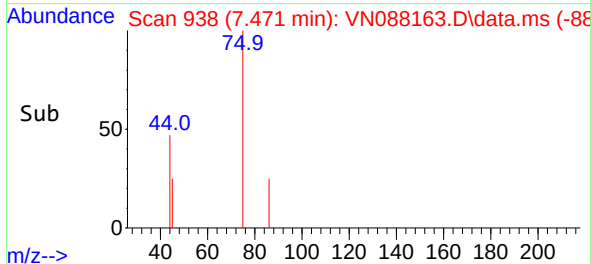
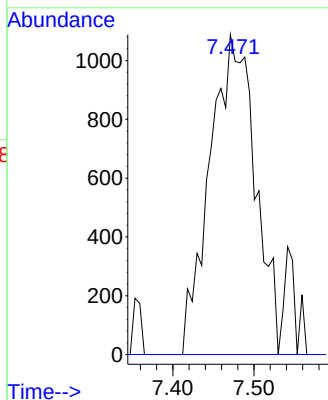
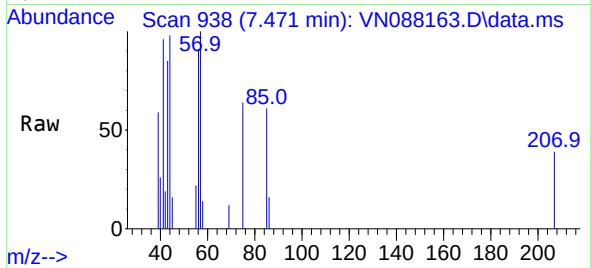




#25
2-Butanone
Concen: 1.819 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

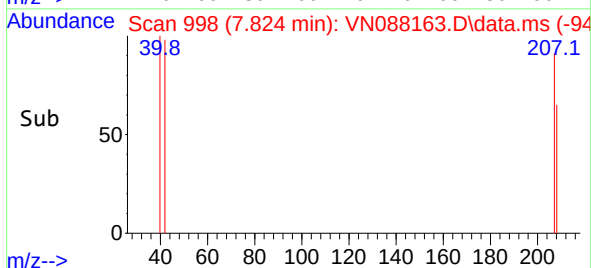
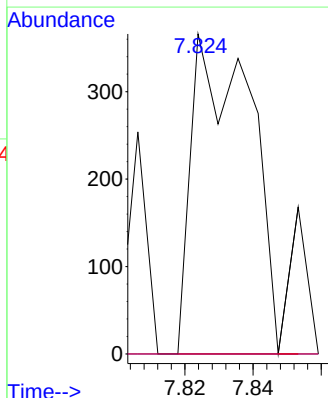
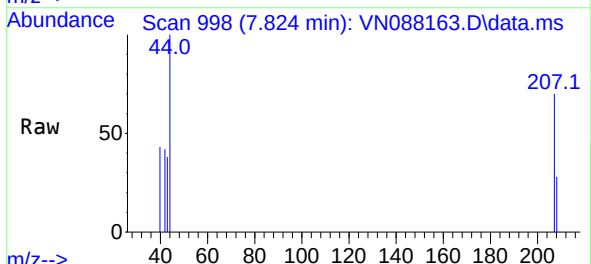
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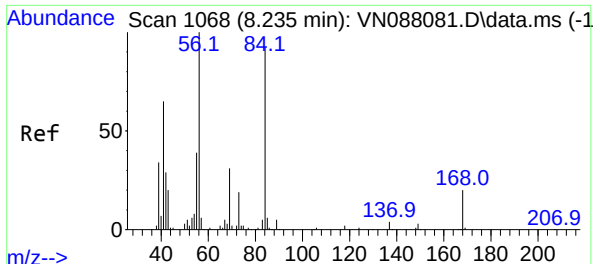
Tgt Ion: 43 Resp: 4224
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#29
Tetrahydrofuran
Concen: 0.289 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 42 Resp: 438
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 31.9 47.9#

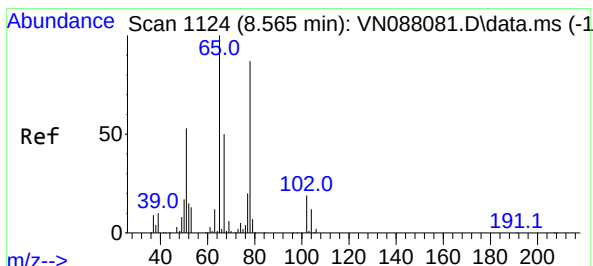
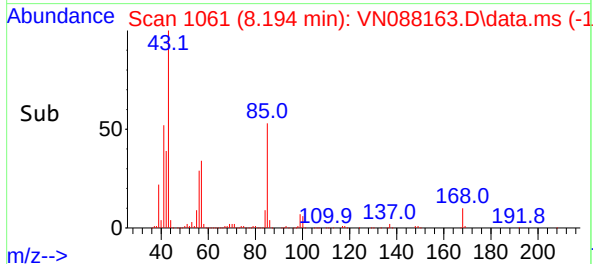
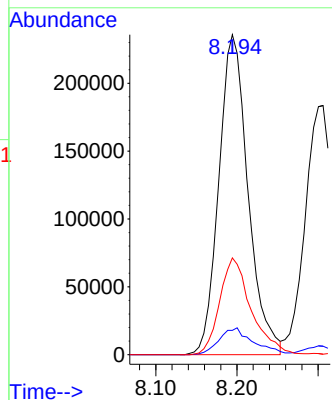
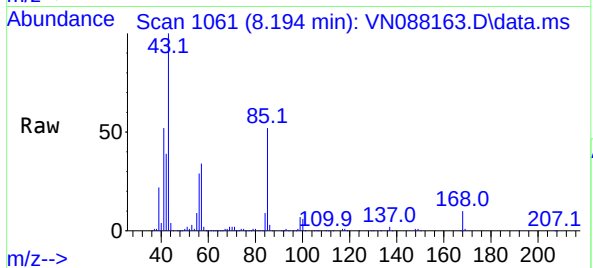




#31
Cyclohexane
Concen: 120.203 ug/l
RT: 8.194 min Scan# 1061
Delta R.T. -0.041 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

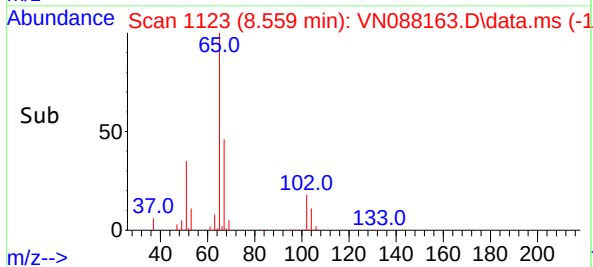
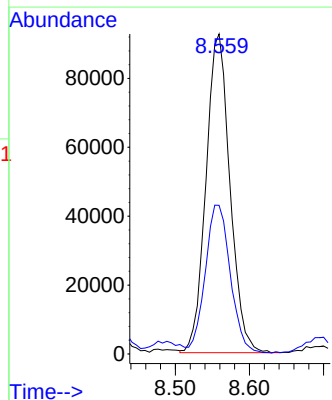
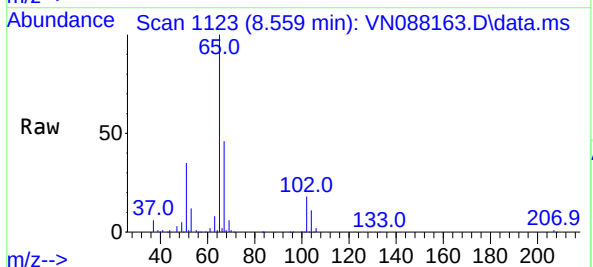
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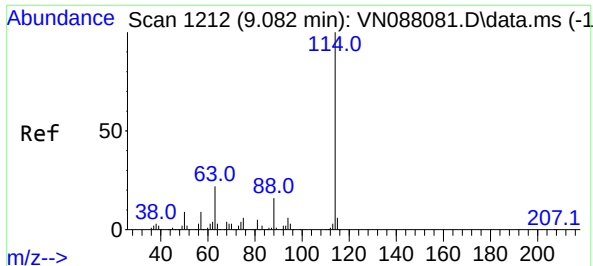
Tgt Ion: 56 Resp: 590217
Ion Ratio Lower Upper
56 100
69 7.6 23.7 35.5#
84 30.3 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 59.276 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 65 Resp: 207928
Ion Ratio Lower Upper
65 100
67 48.5 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088163.D

Acq: 29 Oct 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

COMP-5

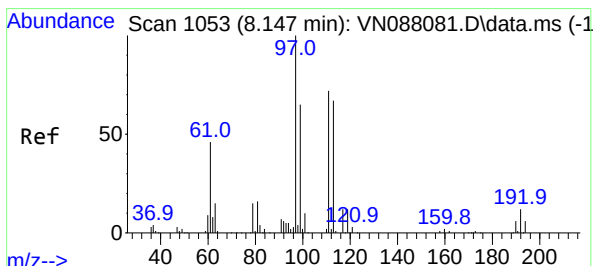
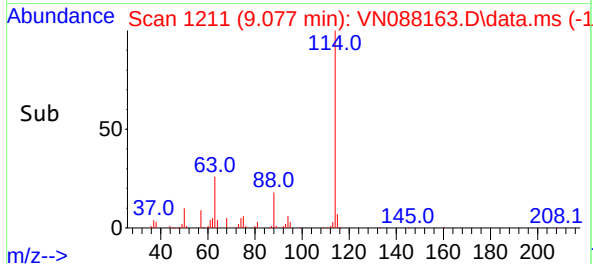
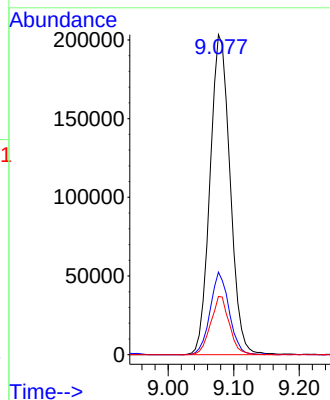
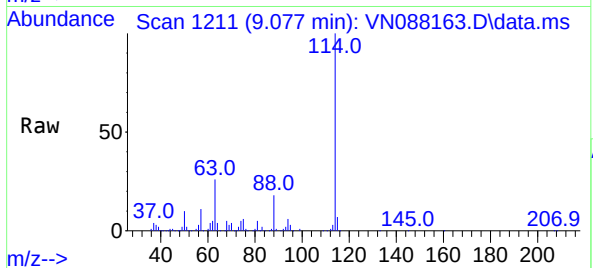
Tgt Ion:114 Resp: 432604

Ion Ratio Lower Upper

114 100

63 25.8 0.0 45.2

88 18.2 0.0 33.4



#35

Dibromofluoromethane

Concen: 51.445 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088163.D

Acq: 29 Oct 2025 16:09

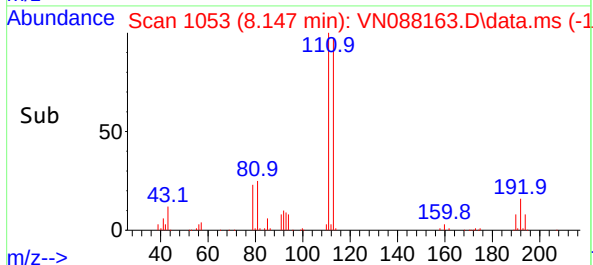
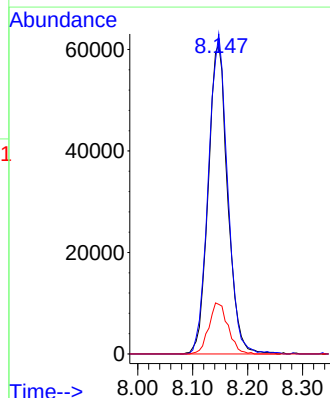
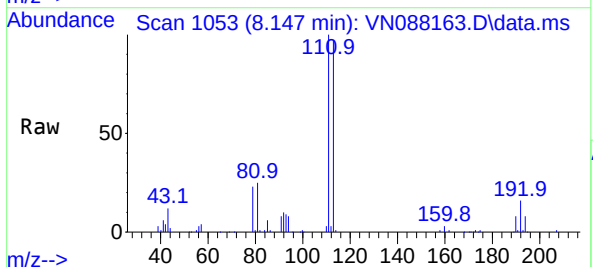
Tgt Ion:113 Resp: 149512

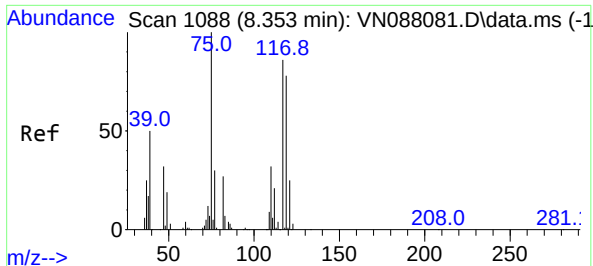
Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 16.3 12.8 19.2

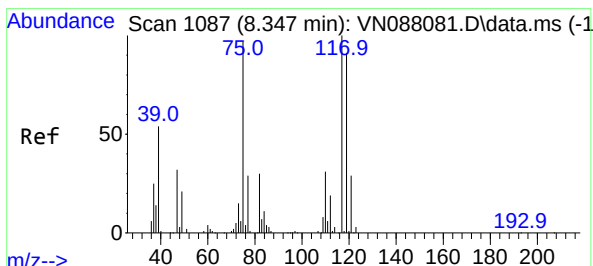
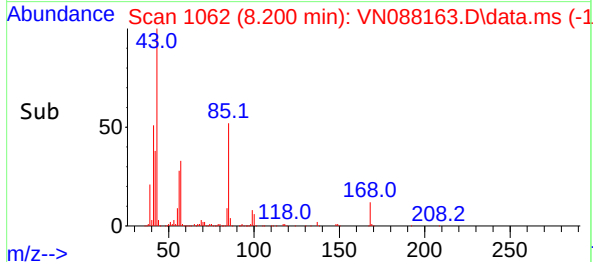
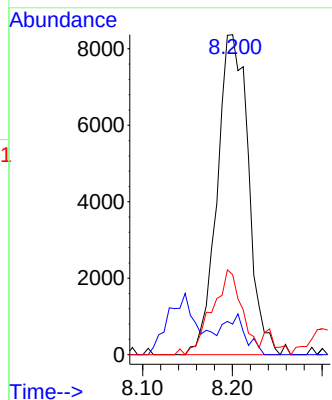
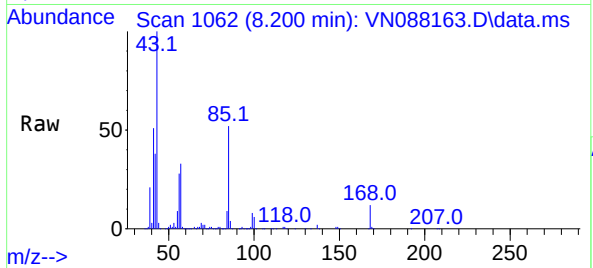




#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.153 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

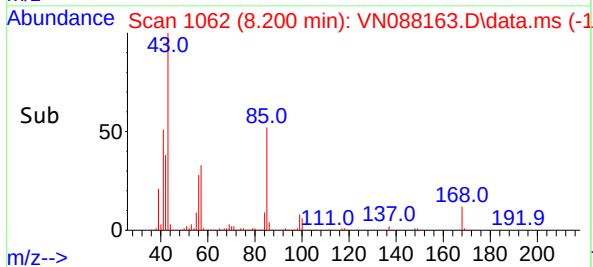
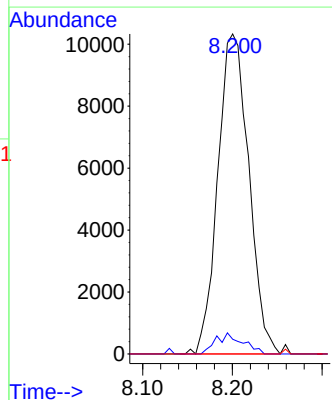
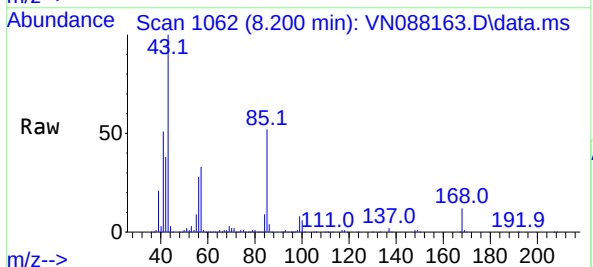
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

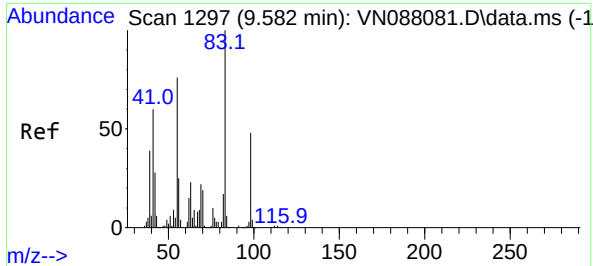
Tgt Ion: 75 Resp: 20188
Ion Ratio Lower Upper
75 100
110 8.7 15.9 47.6#
77 25.4 24.4 36.6



#38
Carbon Tetrachloride
Concen: 5.643 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.141 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 117 Resp: 24734
Ion Ratio Lower Upper
117 100
119 4.6 79.0 118.6#
121 0.0 25.0 37.6#



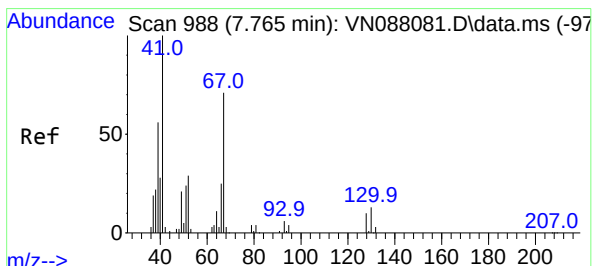
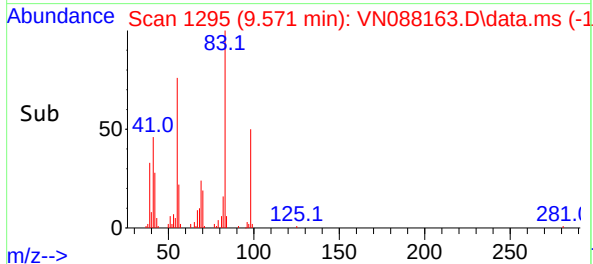
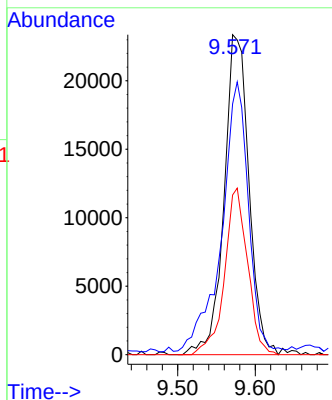
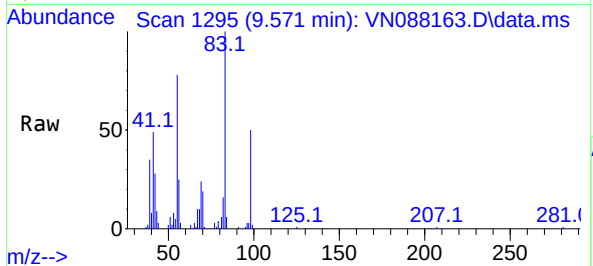


#39
Methylcyclohexane
Concen: 9.549 ug/l
RT: 9.571 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Instrument :
MSVOA_N
ClientSampleId :
COMP-5

Tgt Ion: 83 Resp: 52085

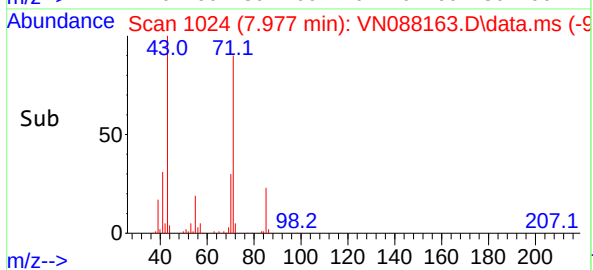
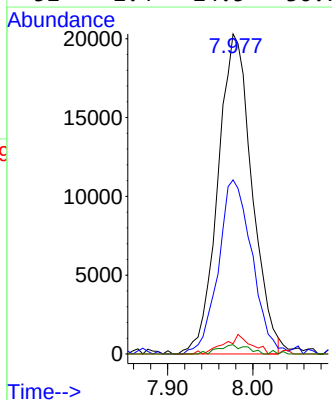
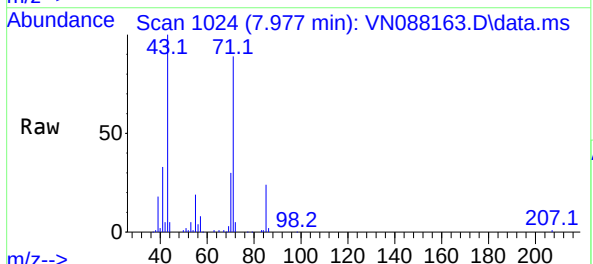
Ion	Ratio	Lower	Upper
83	100		
55	77.1	64.6	96.8
98	49.9	38.4	57.6

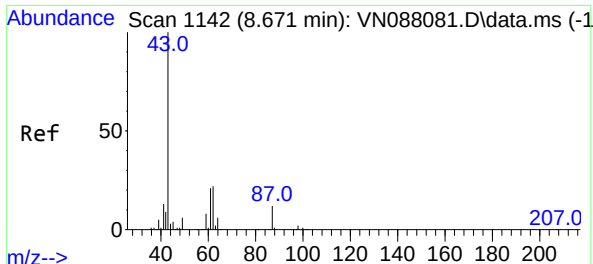


#41
Methacrylonitrile
Concen: 19.504 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.218 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 41 Resp: 56213

Ion	Ratio	Lower	Upper
41	100		
39	53.5	45.4	68.0
67	4.7	55.3	82.9#
52	2.4	24.5	36.7#

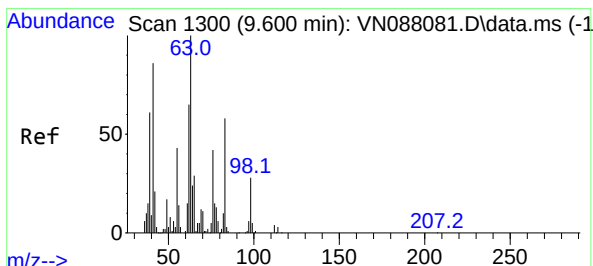
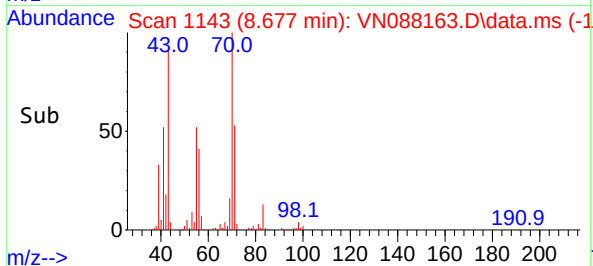
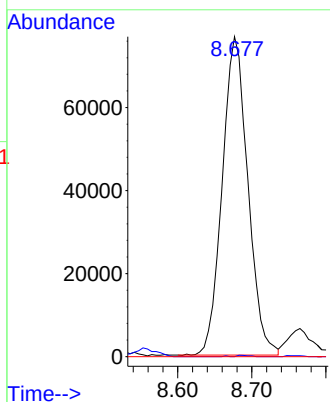
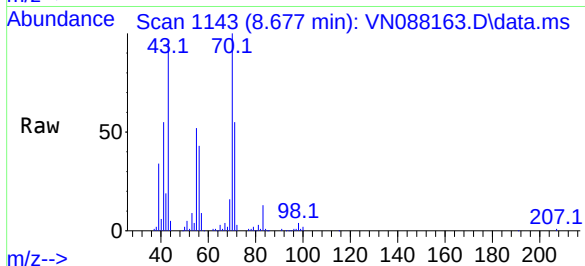




#43
Isopropyl Acetate
Concen: 21.898 ug/l
RT: 8.677 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

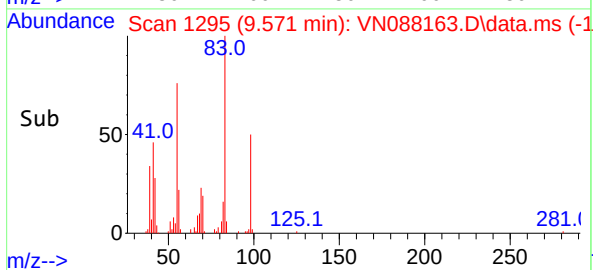
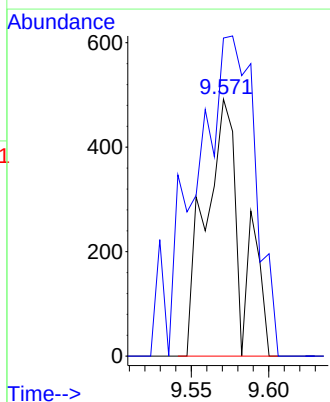
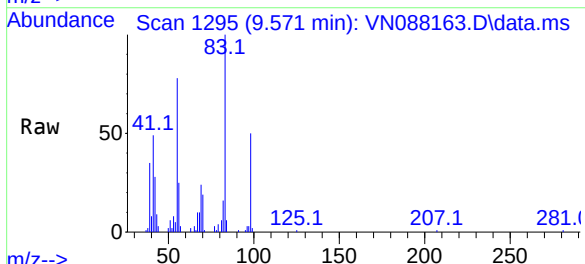
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

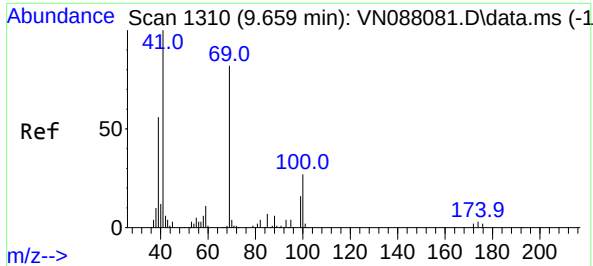
Tgt Ion: 43 Resp: 184263
Ion Ratio Lower Upper
43 100
61 0.2 18.8 28.2#
87 0.0 9.6 14.4#



#45
1,2-Dichloropropane
Concen: 0.243 ug/l
RT: 9.571 min Scan# 1295
Delta R.T. -0.029 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 63 Resp: 794
Ion Ratio Lower Upper
63 100
65 123.8 25.0 37.4#

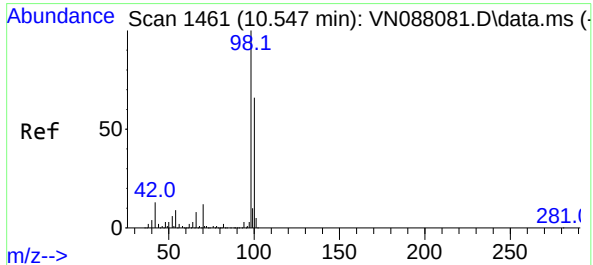
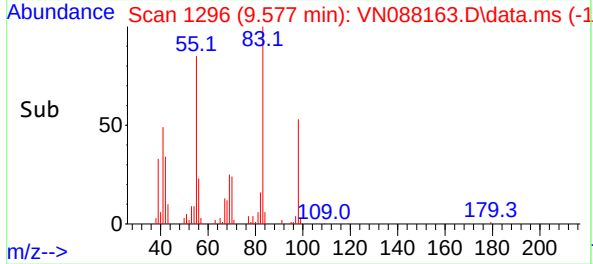
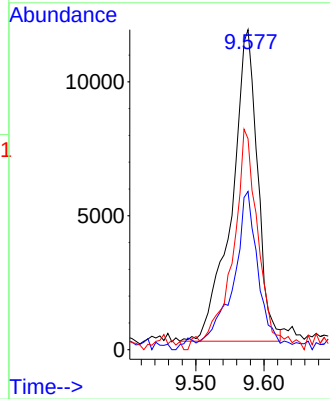
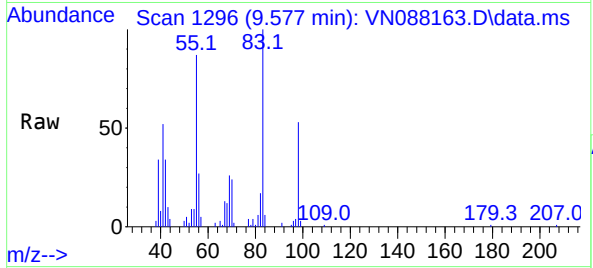




#48
Methyl methacrylate
Concen: 7.893 ug/l
RT: 9.577 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

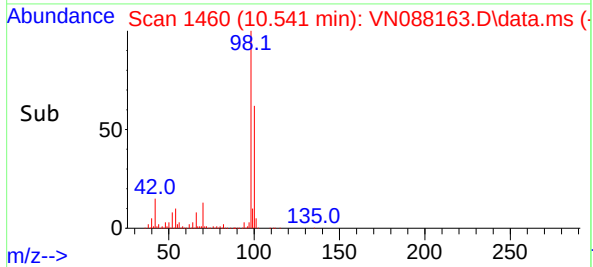
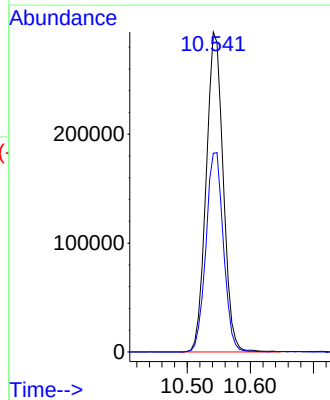
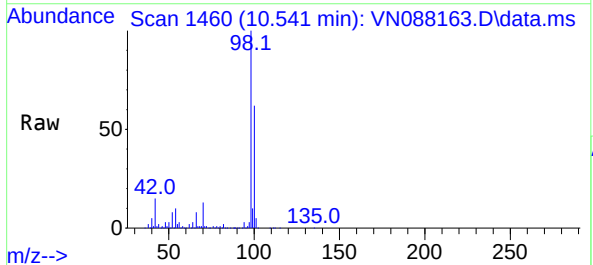
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

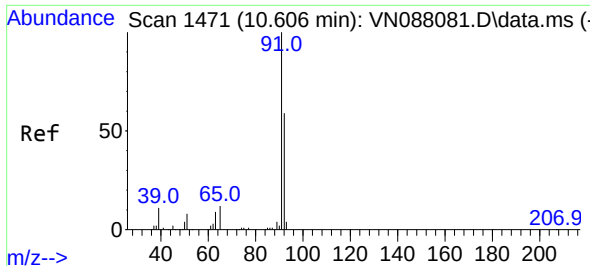
Tgt Ion: 41 Resp: 30662
Ion Ratio Lower Upper
41 100
69 47.4 62.7 94.1#
39 70.2 52.9 79.3



#50
Toluene-d8
Concen: 49.212 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 98 Resp: 551093
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2

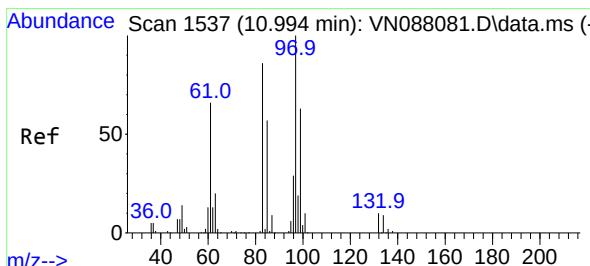
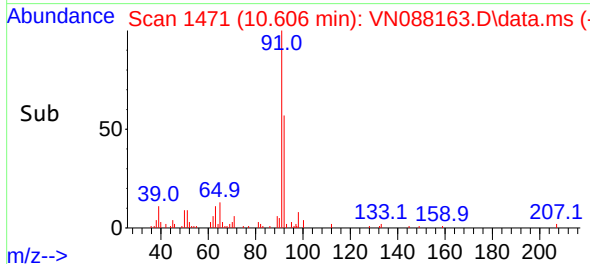
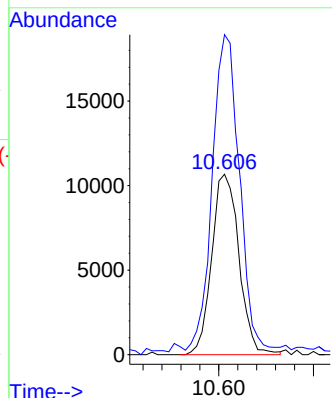
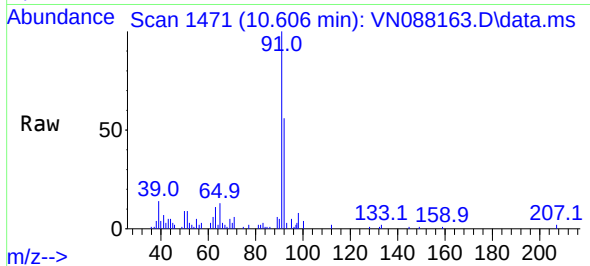




#52
Toluene
Concen: 2.673 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

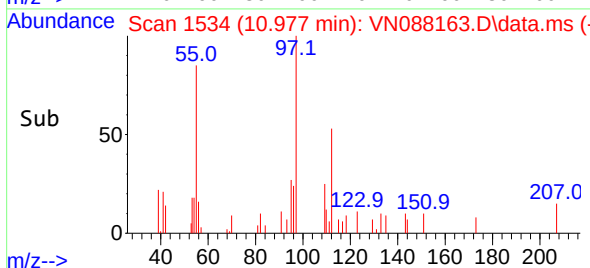
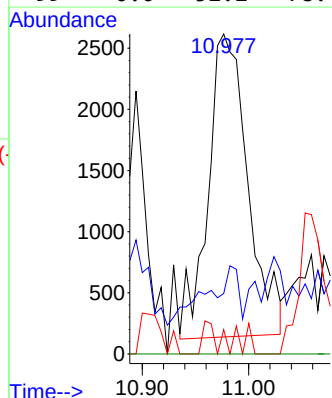
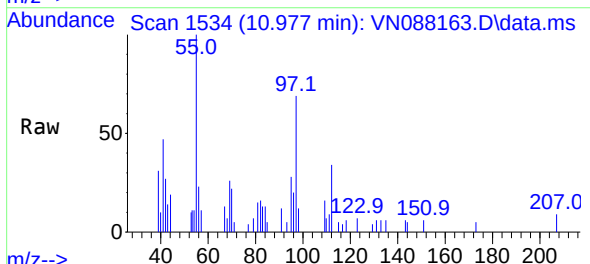
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

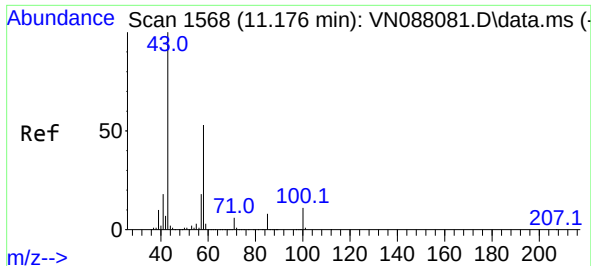
Tgt Ion: 92 Resp: 21297
Ion Ratio Lower Upper
92 100
91 172.5 140.4 210.6



#55
1,1,2-Trichloroethane
Concen: 2.129 ug/l
RT: 10.977 min Scan# 1534
Delta R.T. -0.018 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 97 Resp: 6437
Ion Ratio Lower Upper
97 100
83 4.5 68.2 102.4#
85 8.1 45.5 68.3#
99 0.0 52.2 78.4#

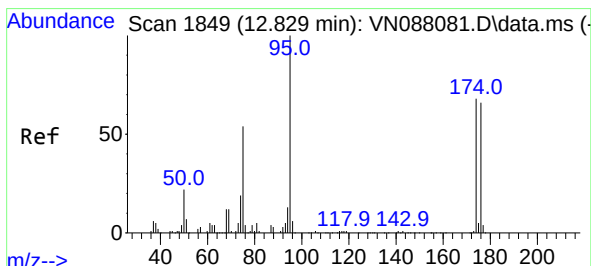
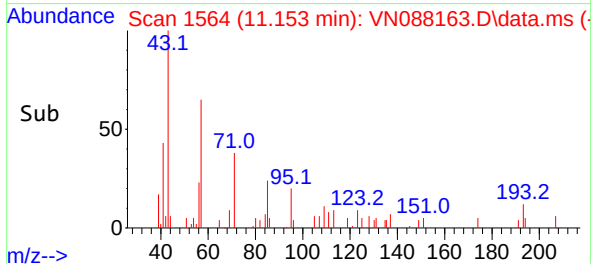
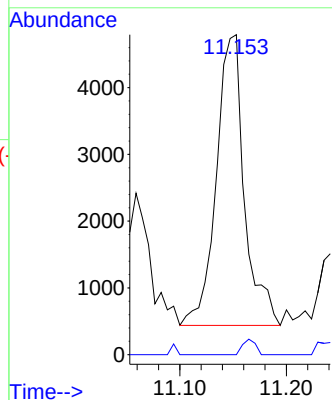
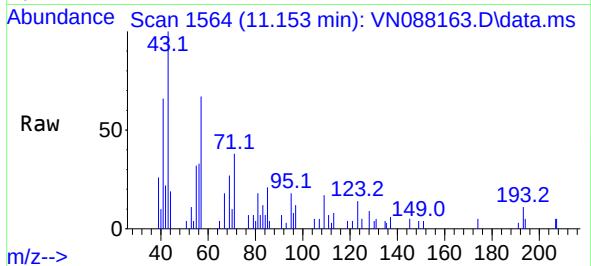




#59
2-Hexanone
Concen: 2.419 ug/l
RT: 11.153 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

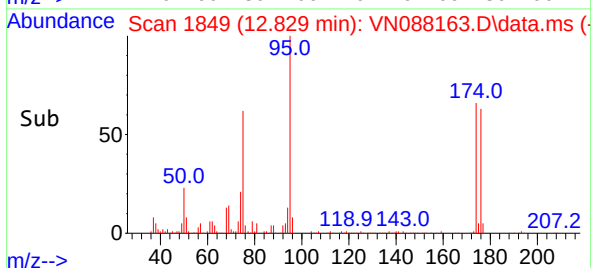
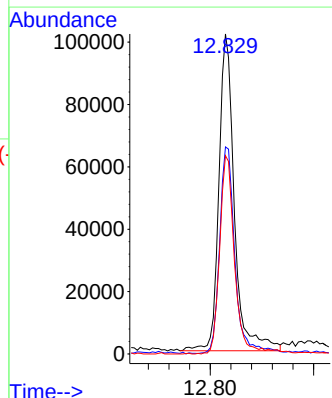
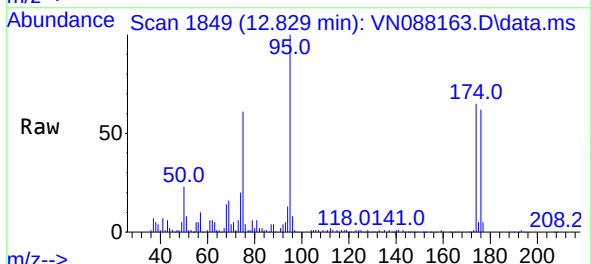
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

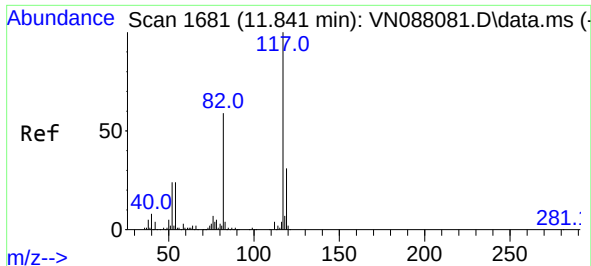
Tgt Ion: 43 Resp: 7987
Ion Ratio Lower Upper
43 100
58 2.4 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 53.451 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 95 Resp: 211388
Ion Ratio Lower Upper
95 100
174 64.1 0.0 138.4
176 60.8 0.0 132.6

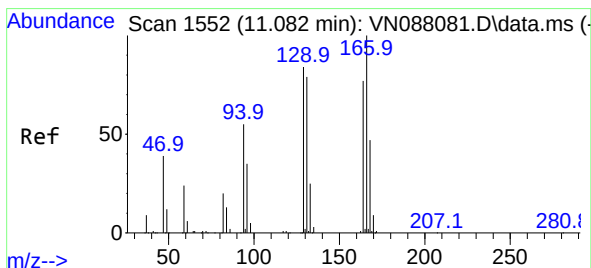
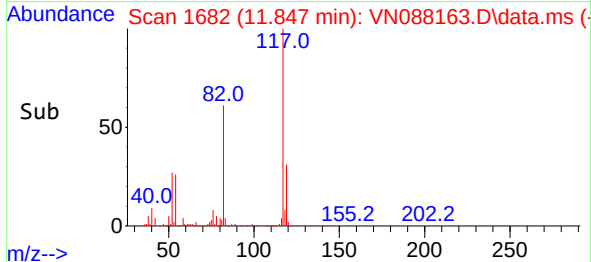
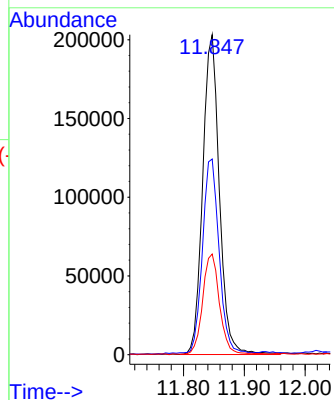
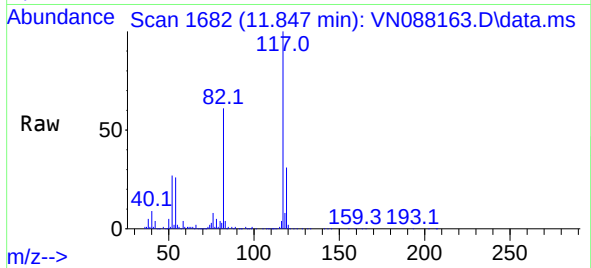




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

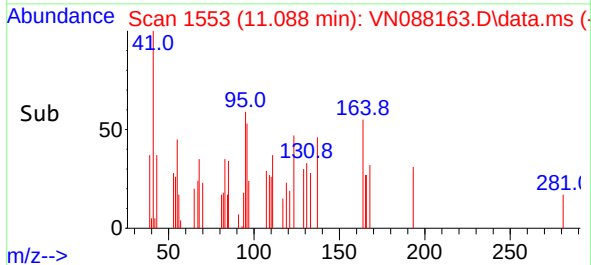
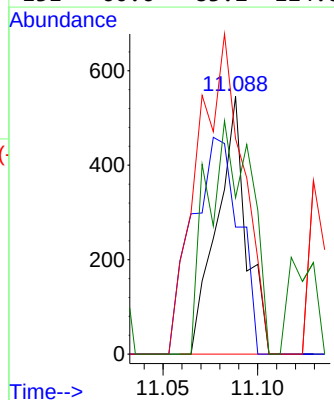
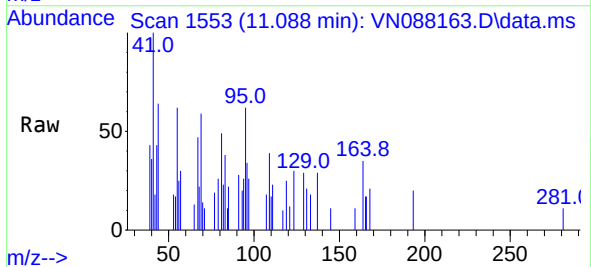
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

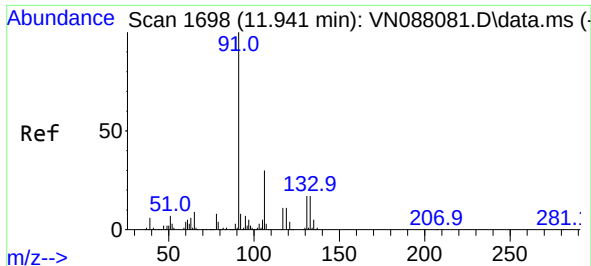
Tgt Ion:117 Resp: 386234
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 31.3 24.3 36.5



#64
Tetrachloroethene
Concen: 0.230 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion:164 Resp: 586
Ion Ratio Lower Upper
164 100
166 49.3 97.7 146.5#
129 83.5 85.9 128.9#
131 60.6 83.2 124.8#

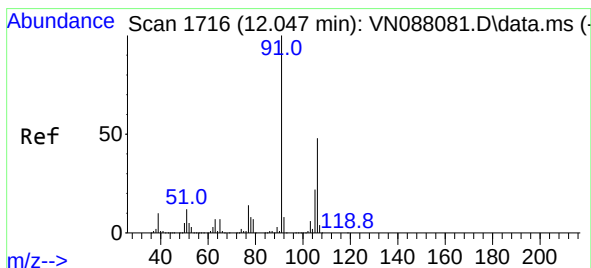
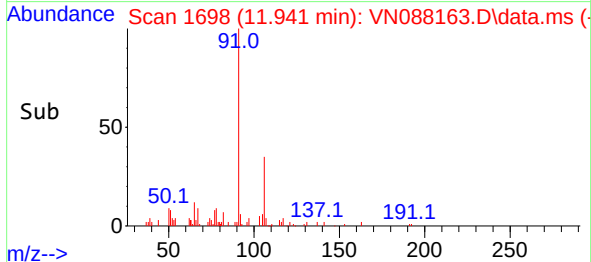
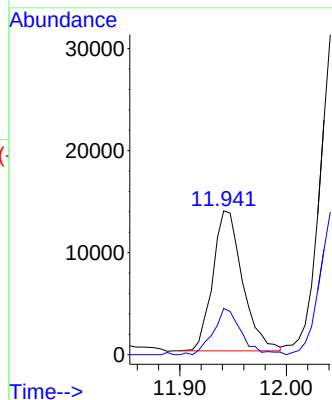
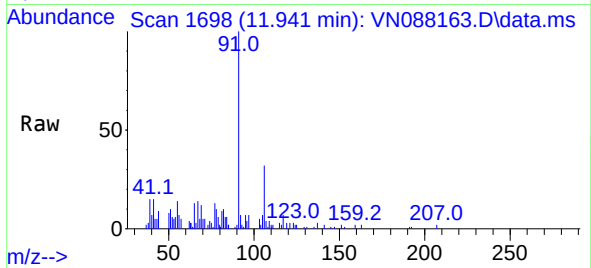




#67
Ethyl Benzene
Concen: 1.733 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

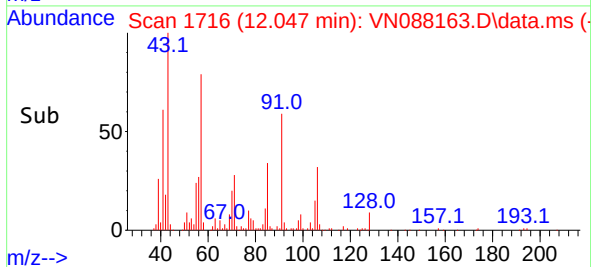
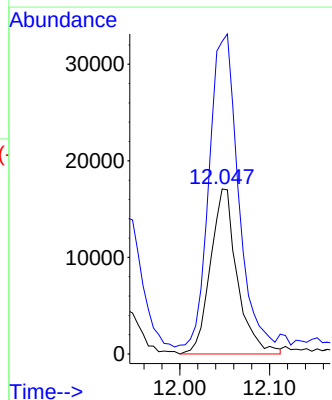
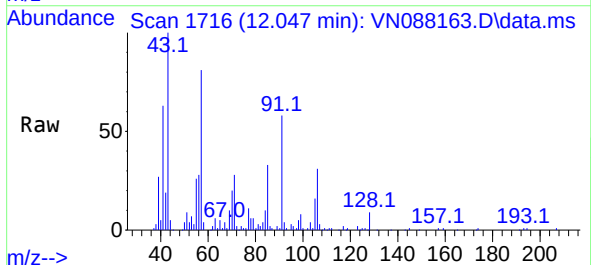
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

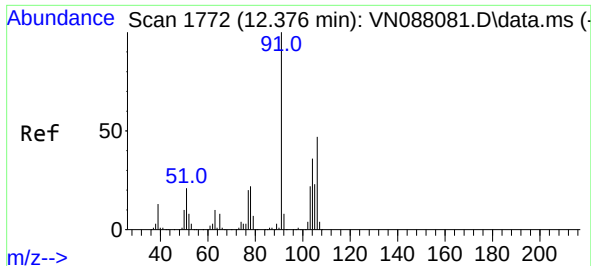
Tgt Ion: 91 Resp: 26677
Ion Ratio Lower Upper
91 100
106 33.1 24.1 36.1



#68
m/p-Xylenes
Concen: 6.150 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 106 Resp: 35471
Ion Ratio Lower Upper
106 100
91 203.6 169.3 253.9

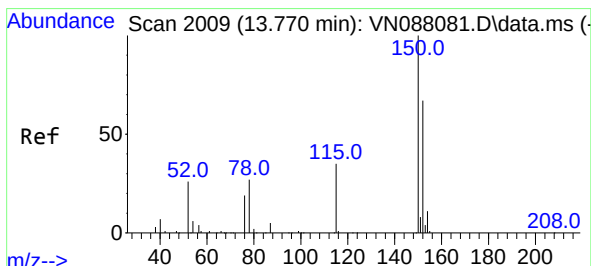
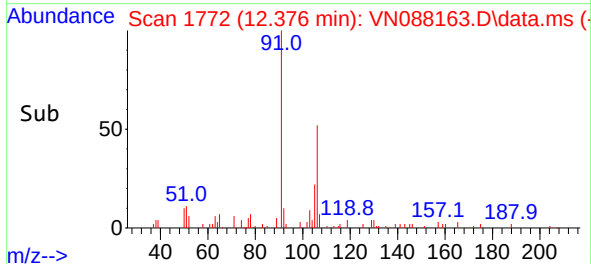
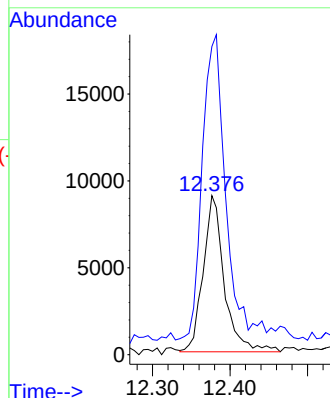
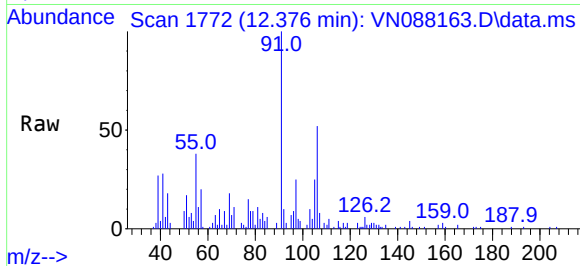




#69
o-Xylene
Concen: 3.117 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

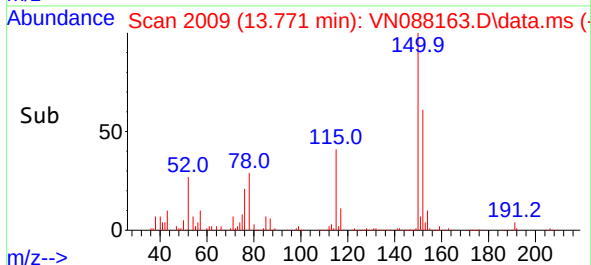
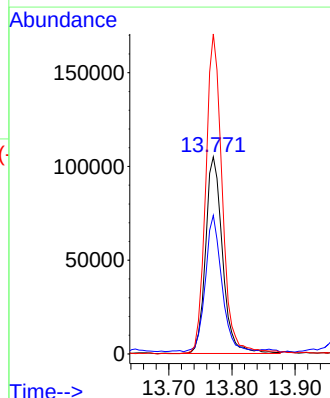
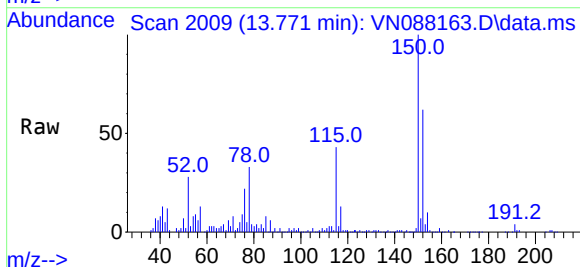
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

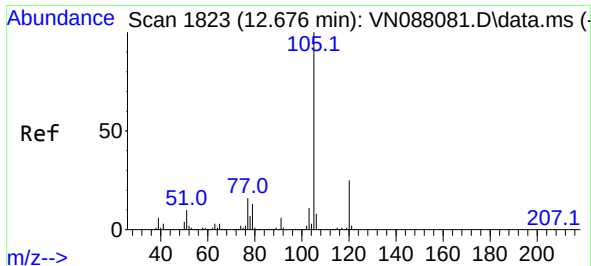
Tgt Ion:106 Resp: 17043
Ion Ratio Lower Upper
106 100
91 210.1 111.4 334.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion:152 Resp: 195599
Ion Ratio Lower Upper
152 100
115 67.4 32.3 96.8
150 159.3 0.0 351.0

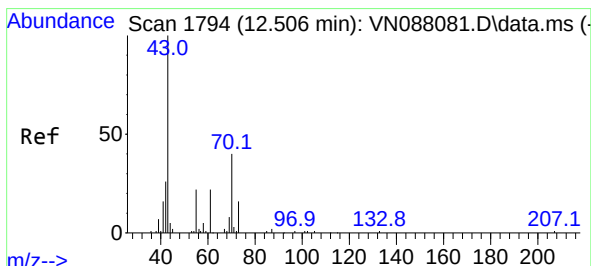
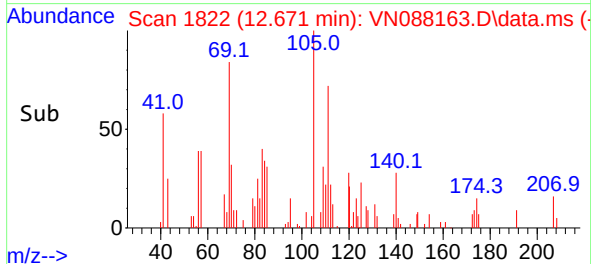
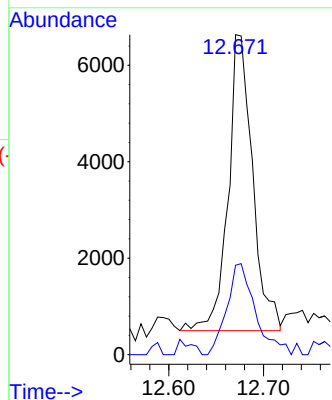
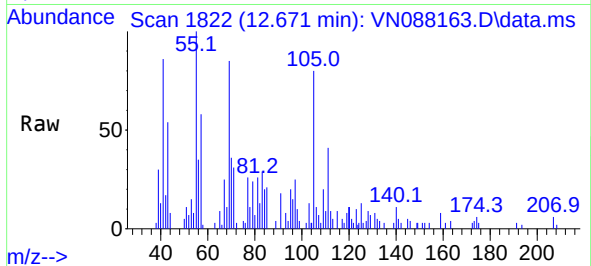




#73
Isopropylbenzene
Concen: 0.729 ug/l
RT: 12.671 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

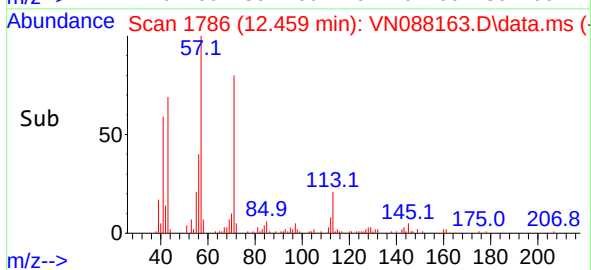
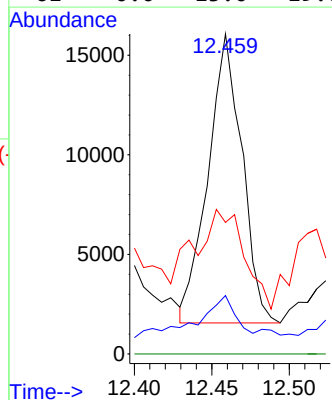
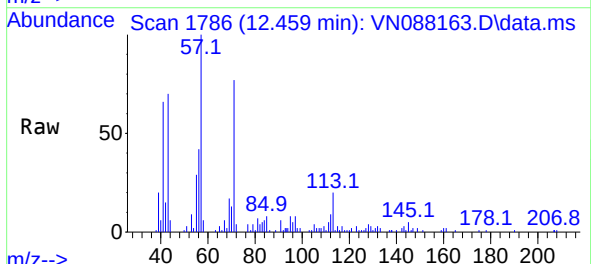
Instrument :
MSVOA_N
ClientSampleId :
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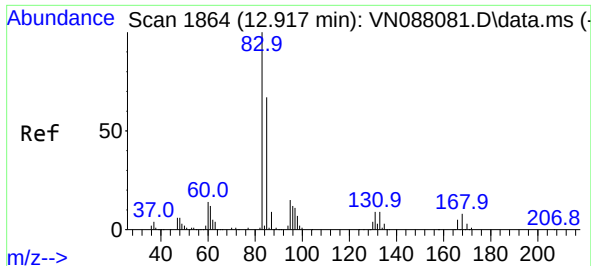
Tgt Ion:105 Resp: 10998
Ion Ratio Lower Upper
105 100
120 36.6 12.8 38.3



#74
N-ethyl acetate
Concen: 5.150 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.041 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 43 Resp: 22056
Ion Ratio Lower Upper
43 100
70 16.7 27.6 41.4#
55 51.5 13.0 19.6#
61 0.0 13.0 19.6#

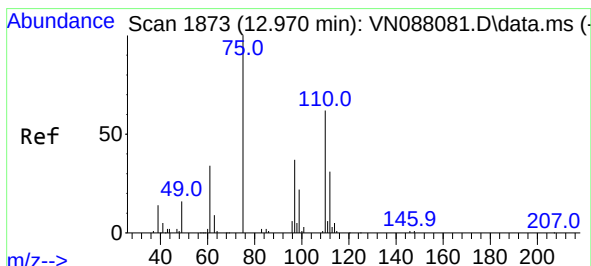
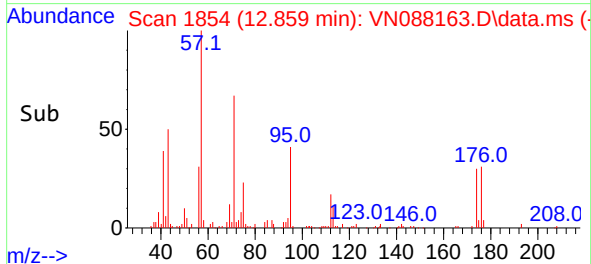
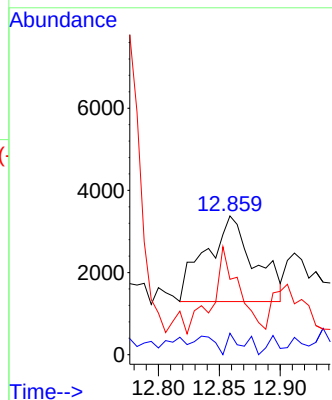
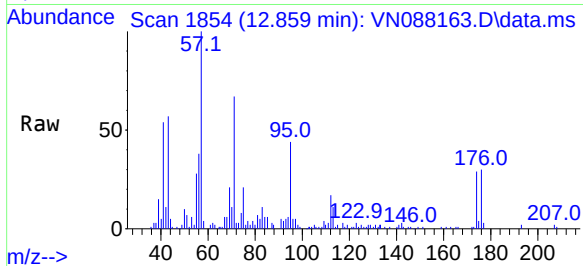




#75
1,1,2-Tetrachloroethane
Concen: 1.221 ug/l
RT: 12.859 min Scan# 1849
Delta R.T. -0.059 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

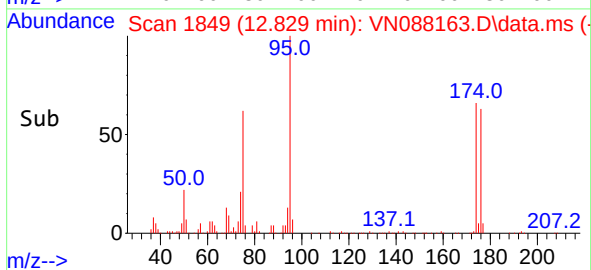
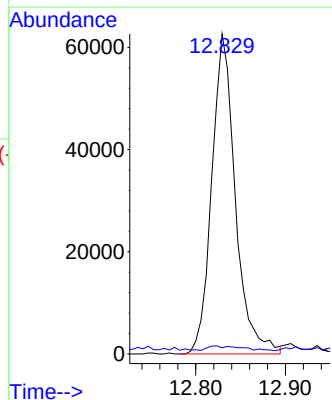
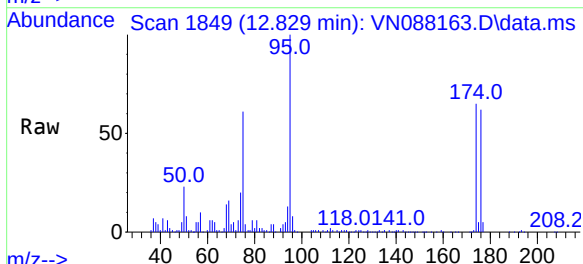
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

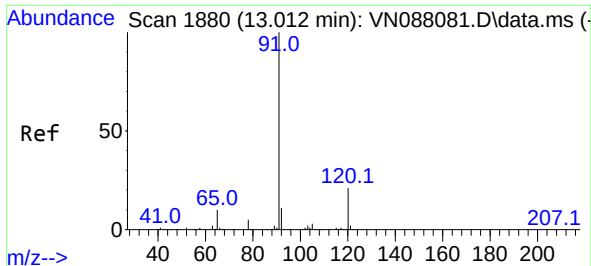
Tgt Ion: 83 Resp: 5734
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.4
85 57.2 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 25.570 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 75 Resp: 114350
Ion Ratio Lower Upper
75 100
77 0.8 89.1 267.4#

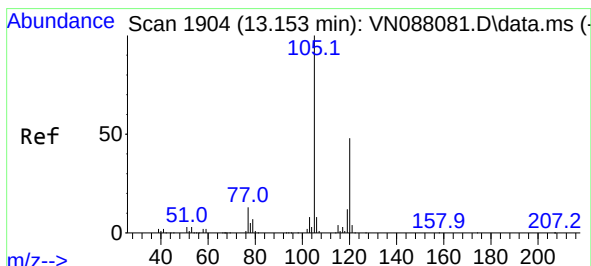
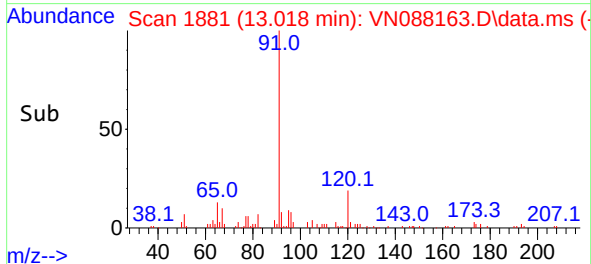
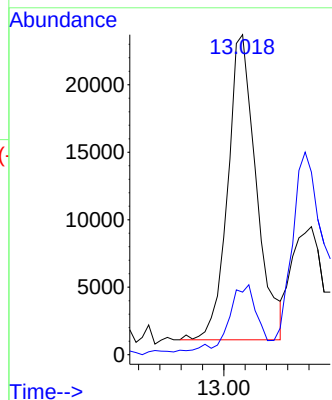
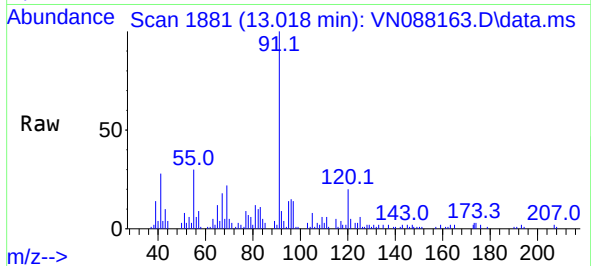




#78
n-propylbenzene
Concen: 2.289 ug/l
RT: 13.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

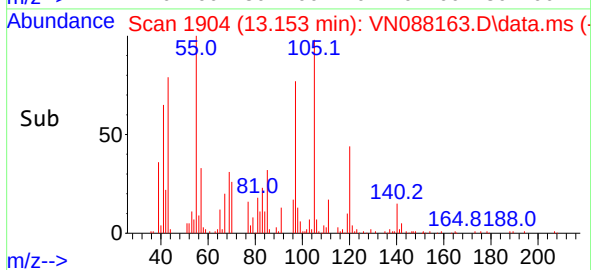
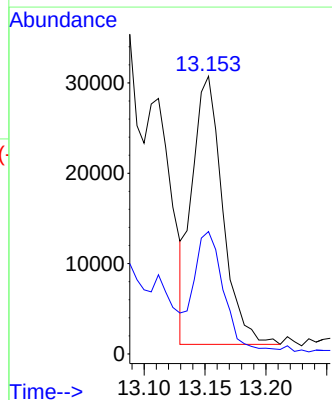
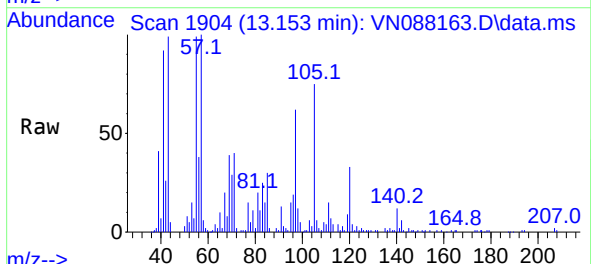
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

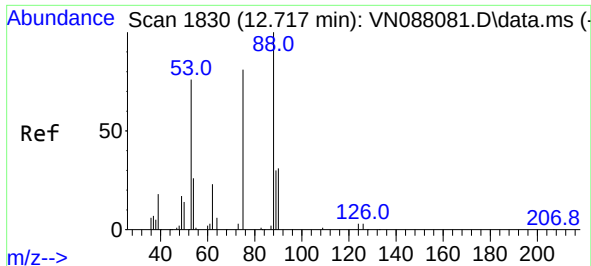
Tgt Ion: 91 Resp: 42135
Ion Ratio Lower Upper
91 100
120 22.4 10.7 32.1



#80
1,3,5-Trimethylbenzene
Concen: 4.107 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion:105 Resp: 51459
Ion Ratio Lower Upper
105 100
120 42.9 23.2 69.6

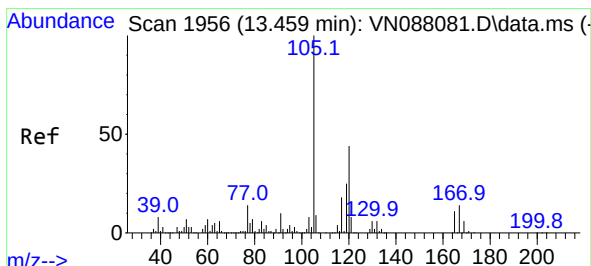
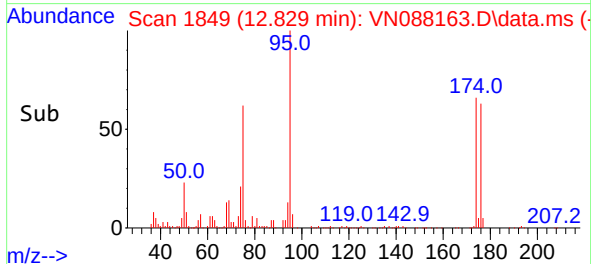
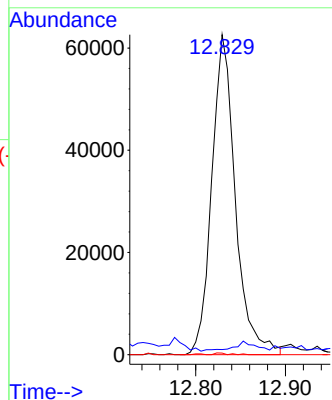
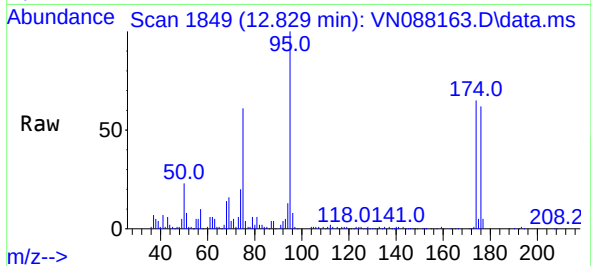




#81
trans-1,4-Dichloro-2-butene
Concen: 71.329 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

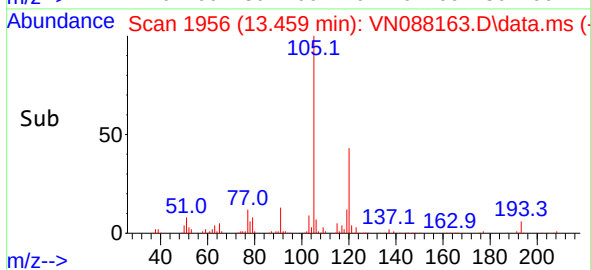
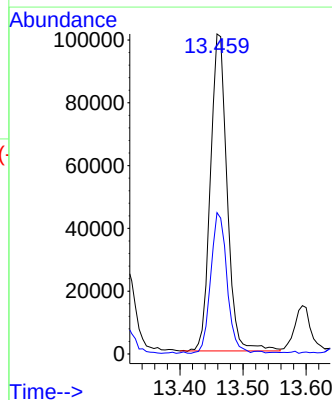
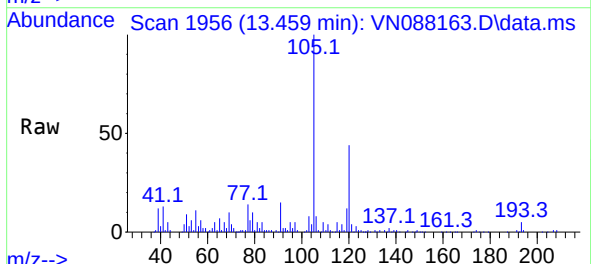
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

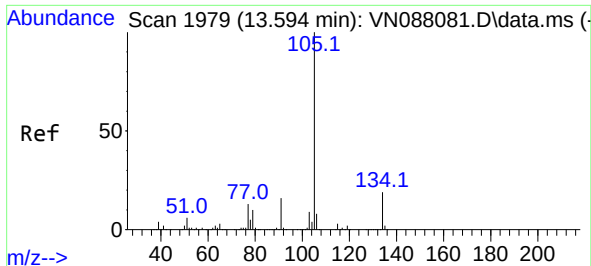
Tgt Ion: 75 Resp: 114350
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.3 35.6 53.4#



#84
1,2,4-Trimethylbenzene
Concen: 14.771 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion:105 Resp: 185160
Ion Ratio Lower Upper
105 100
120 43.2 22.0 66.0

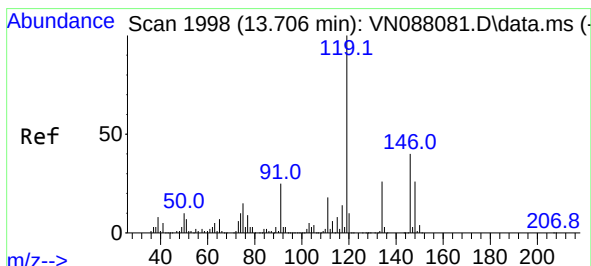
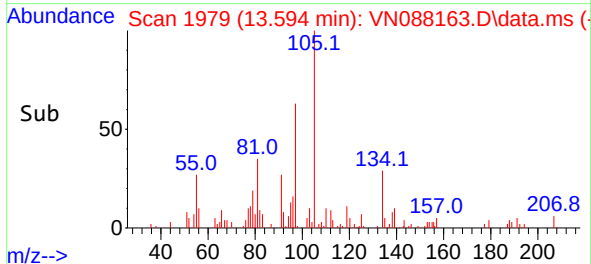
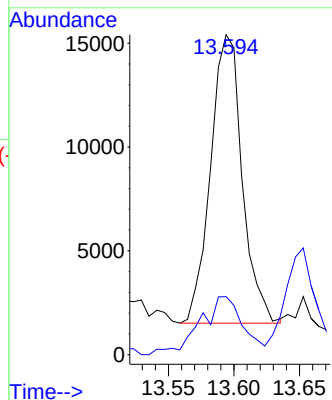
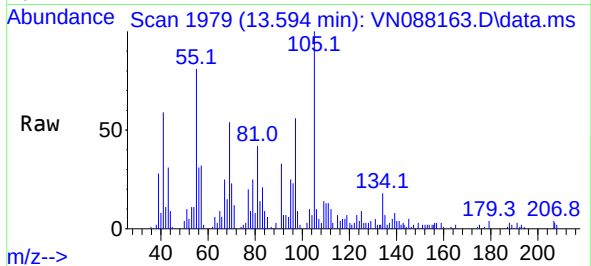




#85
sec-Butylbenzene
Concen: 1.417 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

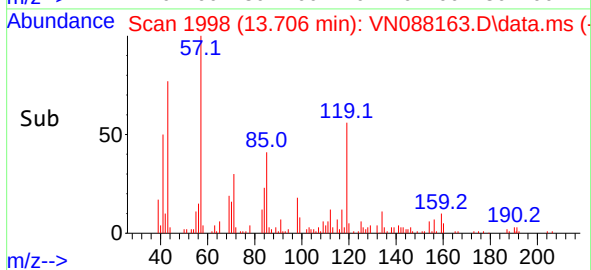
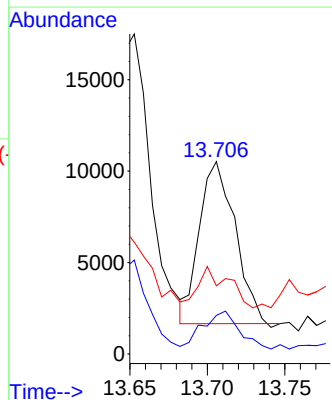
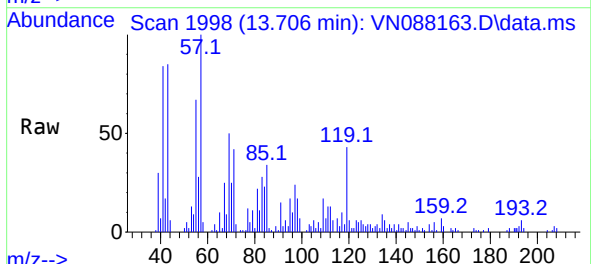
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

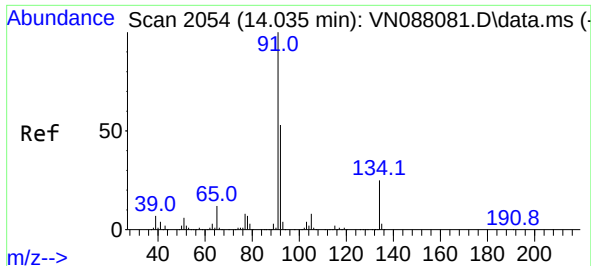
Tgt Ion:105 Resp: 23299
Ion Ratio Lower Upper
105 100
134 27.6 9.6 28.6



#86
p-Isopropyltoluene
Concen: 1.075 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion:119 Resp: 14177
Ion Ratio Lower Upper
119 100
134 23.9 12.7 38.0
91 21.3 12.5 37.5

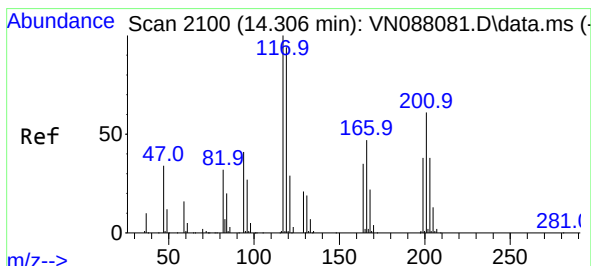
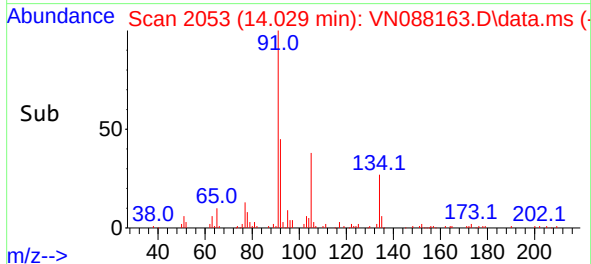
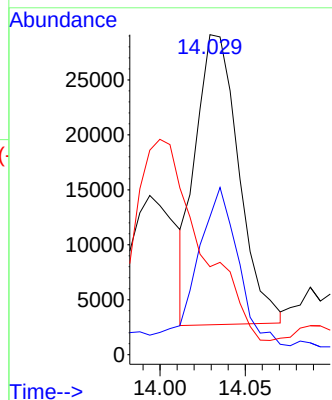
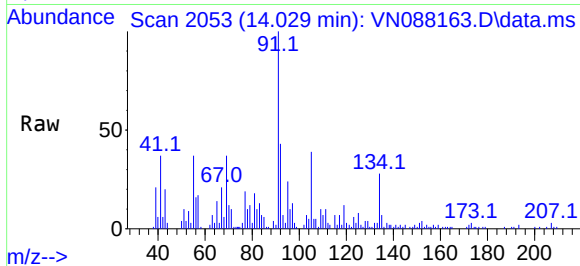




#89
n-Butylbenzene
Concen: 3.544 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

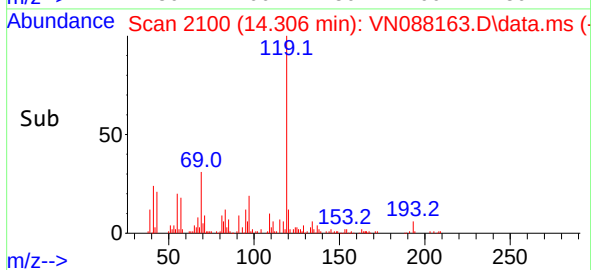
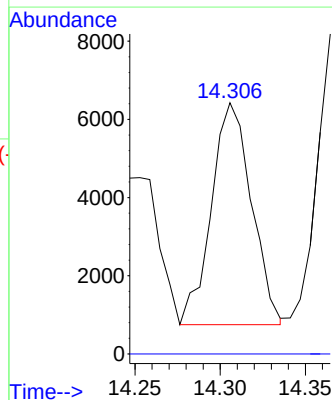
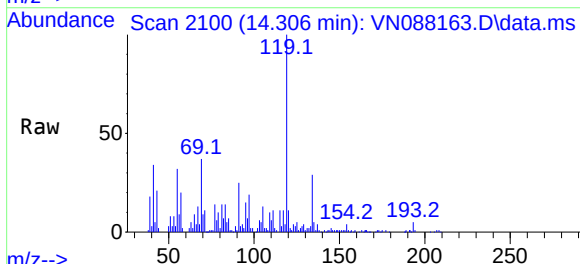
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

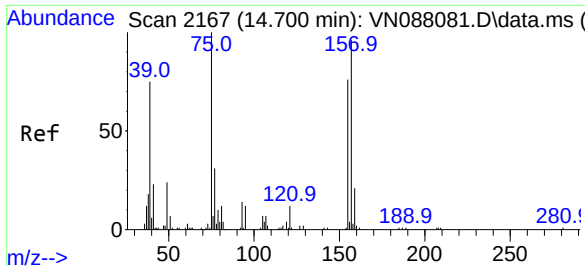
Tgt Ion: 91 Resp: 46310
Ion Ratio Lower Upper
91 100
92 52.9 25.9 77.8
134 0.0 11.7 35.0#



#90
Hexachloroethane
Concen: 3.635 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 117 Resp: 9286
Ion Ratio Lower Upper
117 100
201 0.0 29.1 87.4#

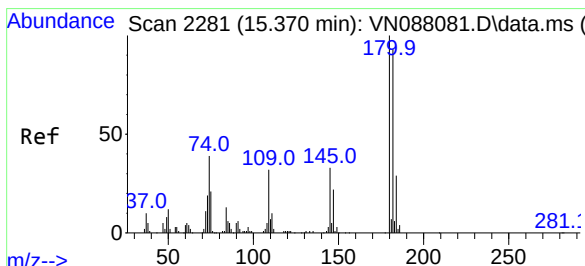
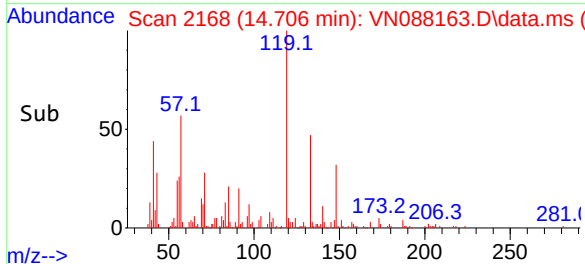
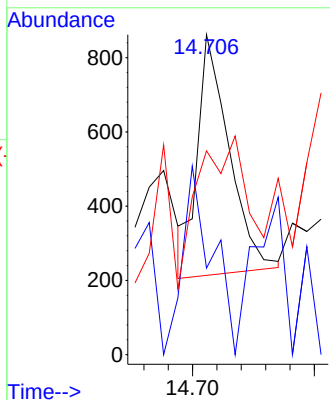
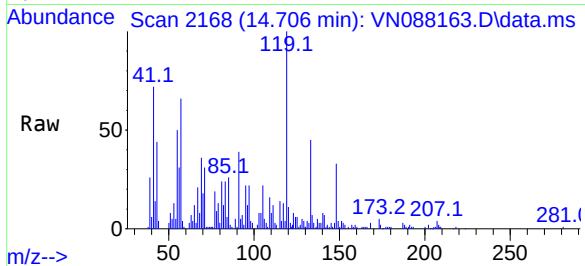




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.535 ug/l
RT: 14.706 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

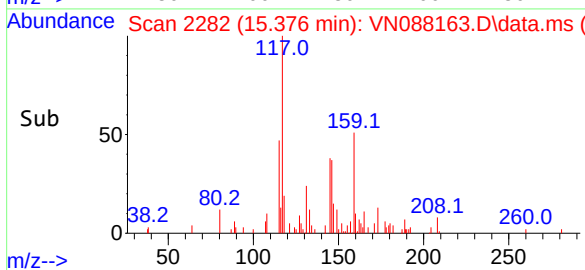
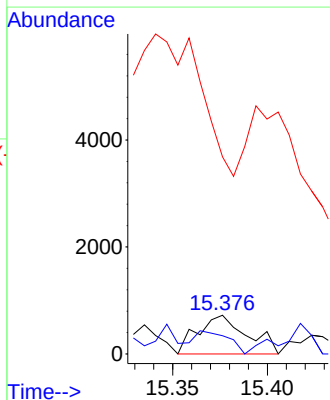
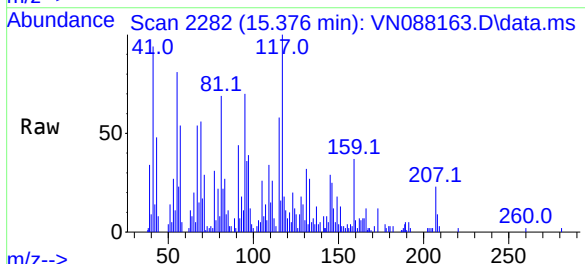
Instrument :
MSVOA_N
ClientSampleId :
COMP-5

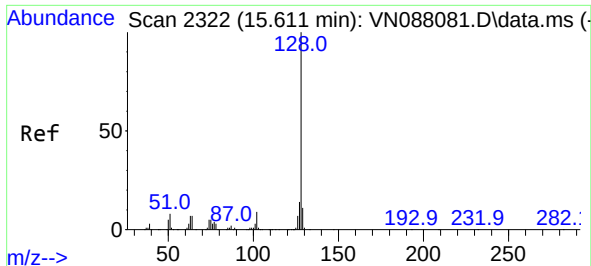
Tgt Ion: 75 Resp: 585
Ion Ratio Lower Upper
75 100
155 72.5 36.6 109.9
157 101.7 45.6 136.9



#93
1,2,4-Trichlorobenzene
Concen: 0.344 ug/l
RT: 15.376 min Scan# 2282
Delta R.T. 0.012 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion:180 Resp: 1305
Ion Ratio Lower Upper
180 100
182 38.7 47.6 142.9#
145 0.0 16.5 49.5#

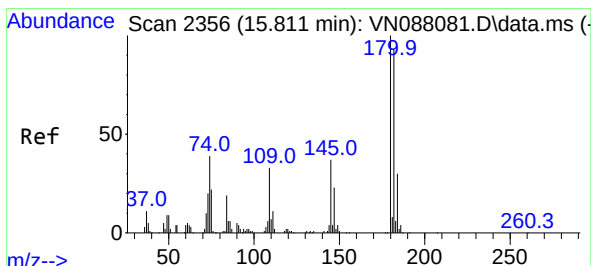
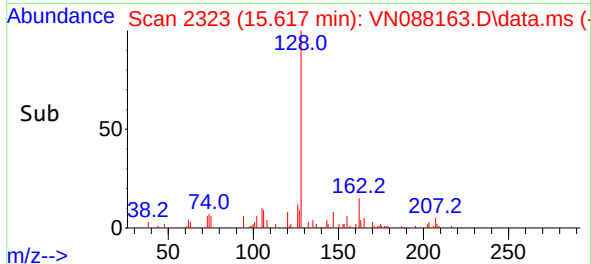
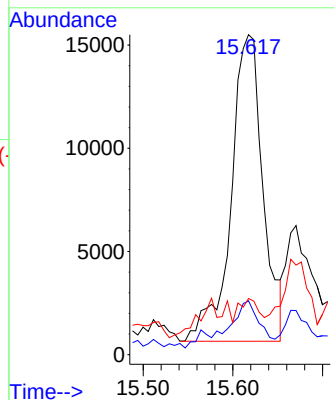
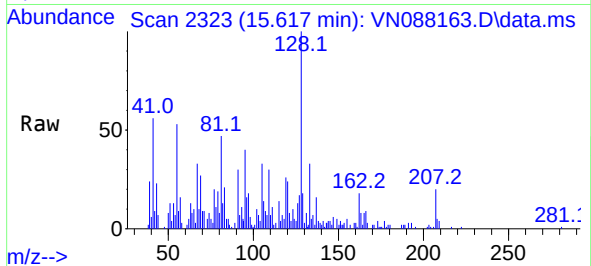




#95
Naphthalene
Concen: 2.828 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Instrument :
MSVOA_N
ClientSampleId :
COMP-5

Tgt Ion:128 Resp: 36735
Ion Ratio Lower Upper
128 100
127 10.0 10.6 15.8#
129 8.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.544 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. 0.018 min
Lab File: VN088163.D
Acq: 29 Oct 2025 16:09

Tgt Ion:180 Resp: 1977
Ion Ratio Lower Upper
180 100
182 36.5 46.8 140.3#
145 0.0 17.3 52.0#

