

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085831.D
 Acq On : 24 Feb 2025 12:39
 Operator : JC\MD
 Sample : VN0224WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 24 12:54:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

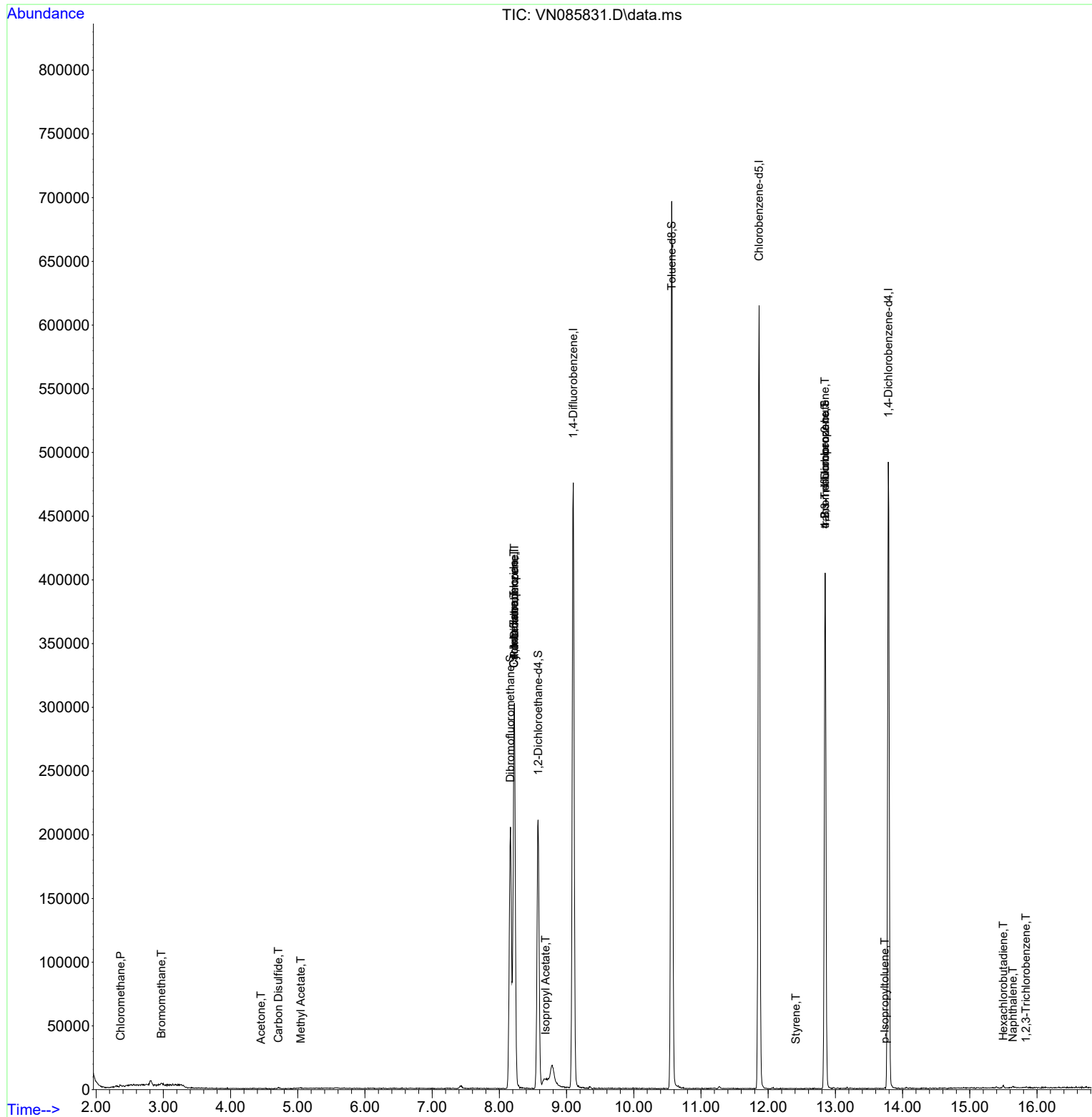
Internal Standards						
1) Pentafluorobenzene	8.224	168	219652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	415867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171306	60.16	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.32%			
35) Dibromofluoromethane	8.165	113	149510	54.94	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.88%			
50) Toluene-d8	10.565	98	492086	49.70	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.40%			
62) 4-Bromofluorobenzene	12.847	95	144556	44.31	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.62%			
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	808	0.27	ug/l	99
5) Bromomethane	2.971	94	769	0.38	ug/l #	37
16) Acetone	4.453	43	483	0.54	ug/l #	40
17) Carbon Disulfide	4.712	76	1564	0.22	ug/l #	75
18) Methyl Acetate	5.047	43	1083	0.35	ug/l #	47
31) Cyclohexane	8.218	56	4621	1.14	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	18069	4.69	ug/l #	49
38) Carbon Tetrachloride	8.218	117	23250	5.08	ug/l #	19
43) Isopropyl Acetate	8.688	43	9096	1.10	ug/l #	53
70) Styrene	12.412	104	183	0.61	ug/l #	50
76) 1,2,3-Trichloropropane	12.847	75	70739	22.54	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70739	65.76	ug/l #	13
86) p-Isopropyltoluene	13.735	119	316	0.66	ug/l #	50
94) Hexachlorobutadiene	15.500	225	613	0.45	ug/l #	61
95) Naphthalene	15.641	128	2026	0.33	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.835	180	461	0.20	ug/l	81

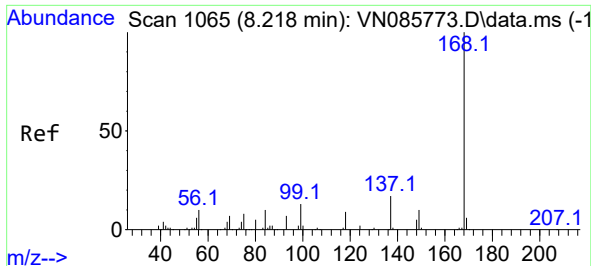
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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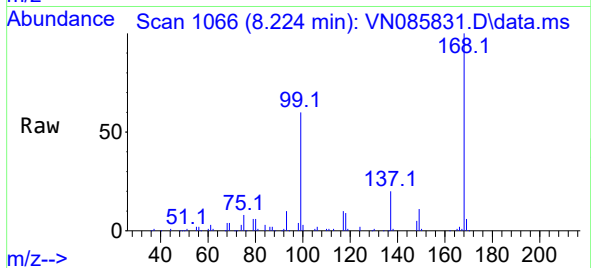
Quant Time: Feb 24 12:54:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
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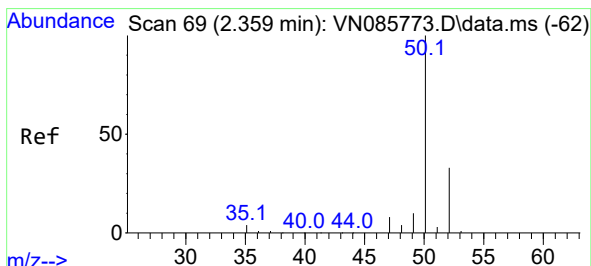
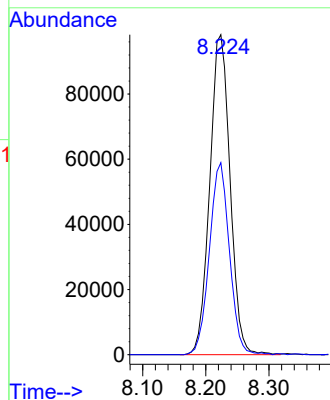
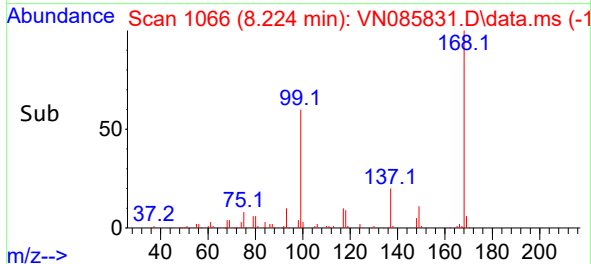


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

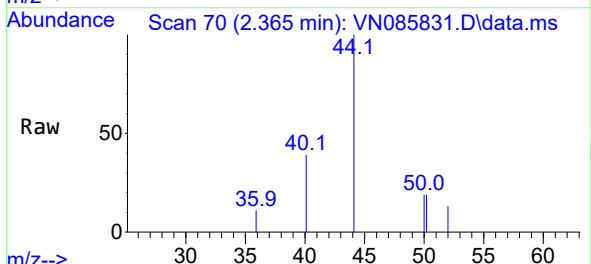
Instrument :
MSVOA_X
ClientSampleId :



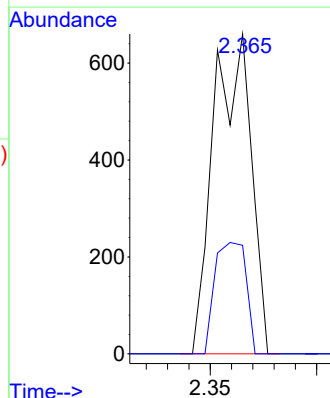
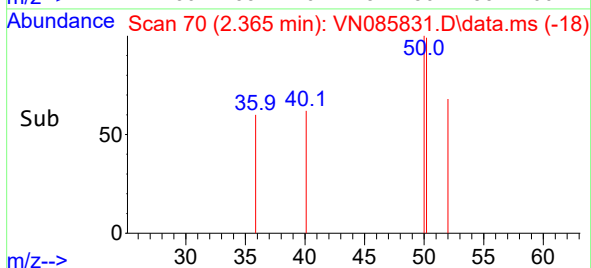
Tgt Ion:168 Resp: 219652
Ion Ratio Lower Upper
168 100
99 60.0 47.9 71.9

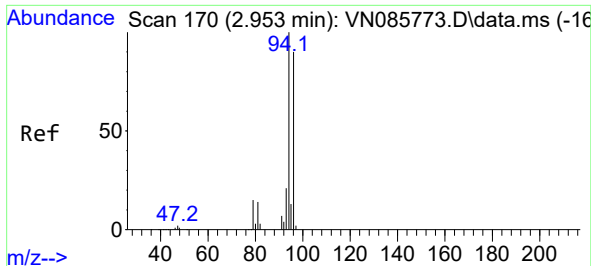


#3
Chloromethane
Concen: 0.27 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39



Tgt Ion: 50 Resp: 808
Ion Ratio Lower Upper
50 100
52 33.9 26.7 40.1

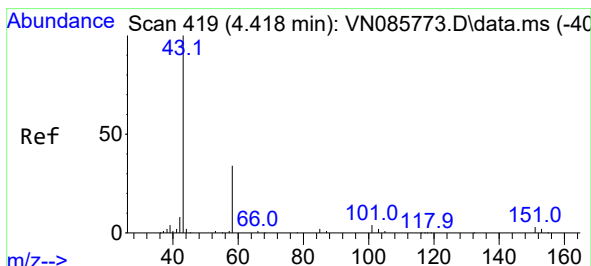
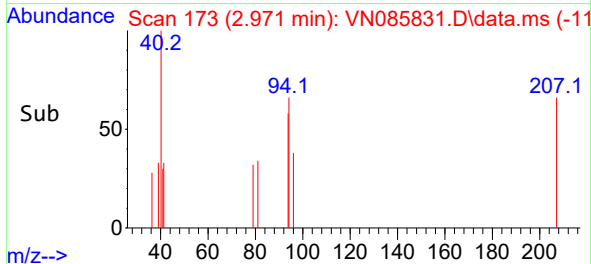
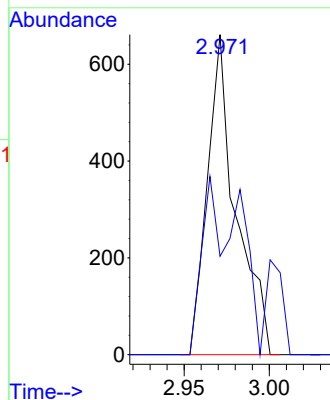
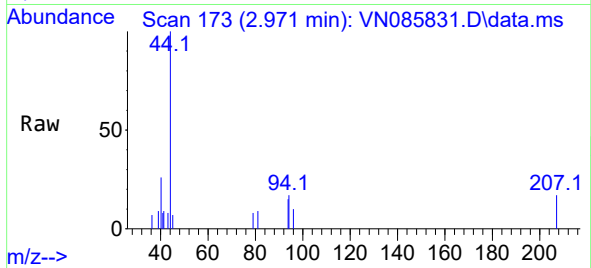




#5
Bromomethane
Concen: 0.38 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

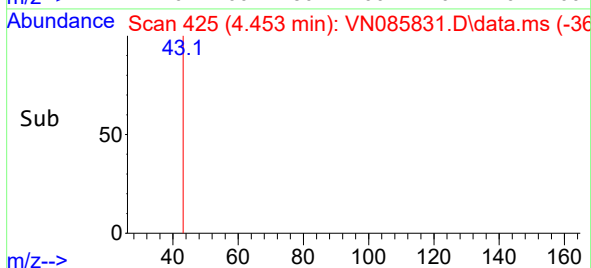
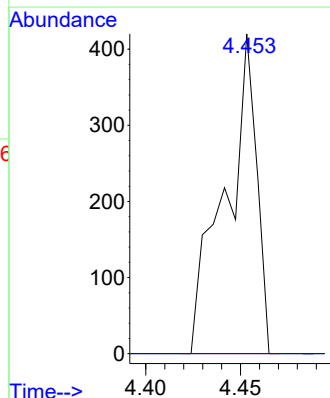
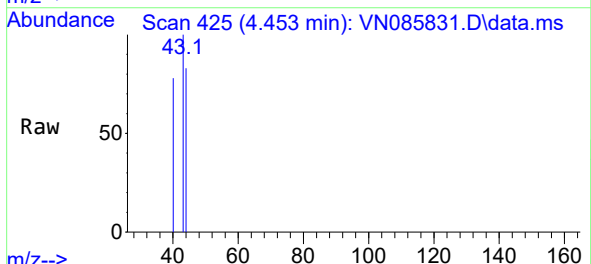
Instrument :
MSVOA_X
ClientSampleId :

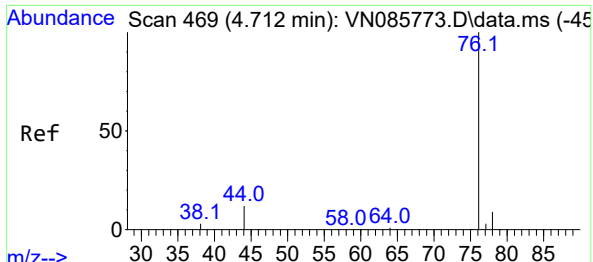
Tgt Ion: 94 Resp: 769
Ion Ratio Lower Upper
94 100
96 30.7 71.7 107.5#



#16
Acetone
Concen: 0.54 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.035 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

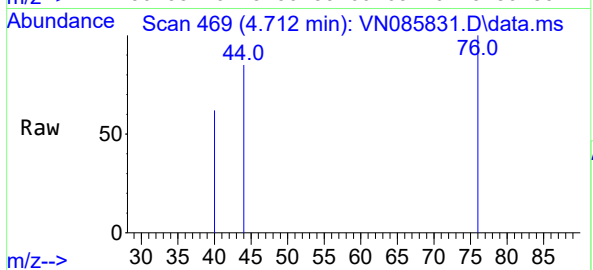
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



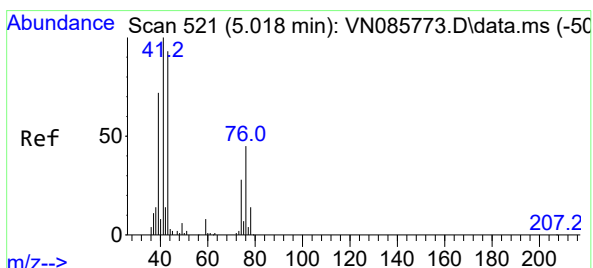
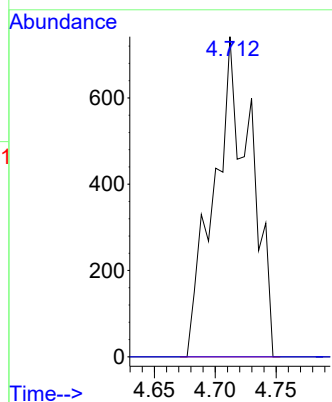


#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :

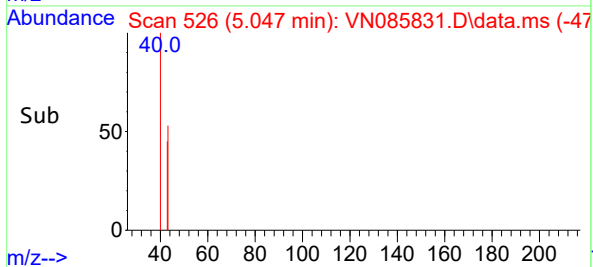
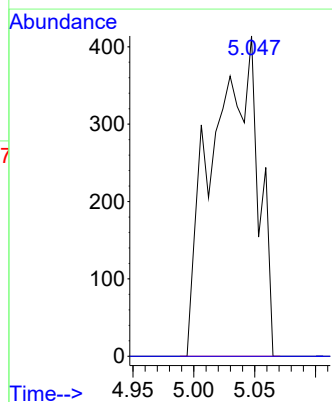
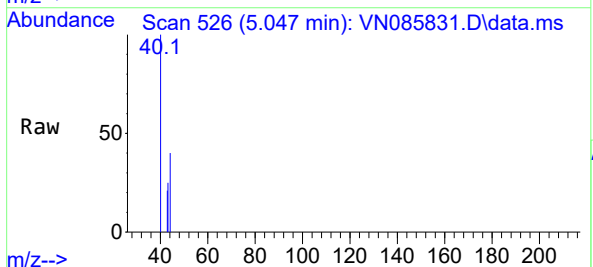


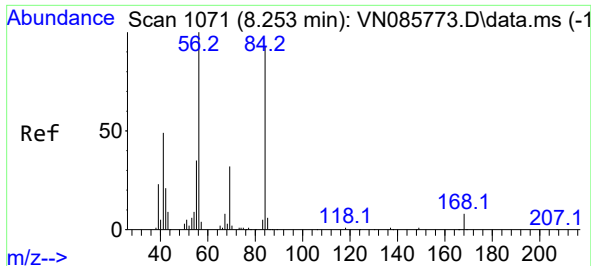
Tgt Ion: 76 Resp: 1564
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.35 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.029 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

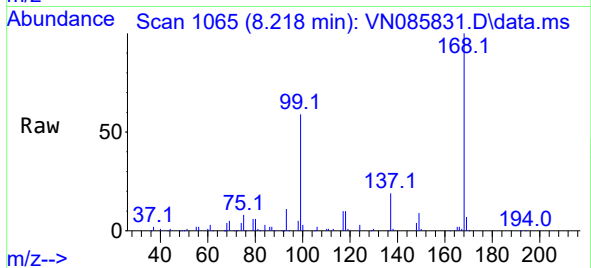
Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



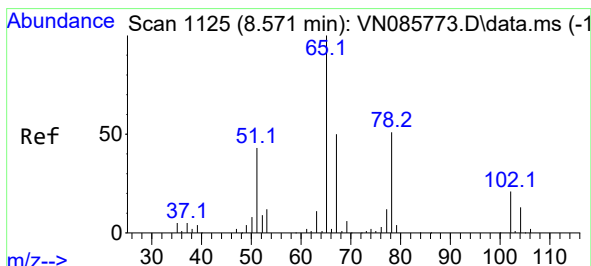
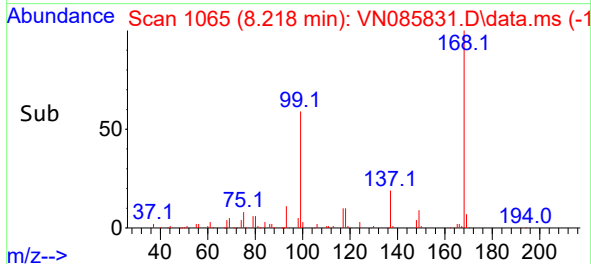
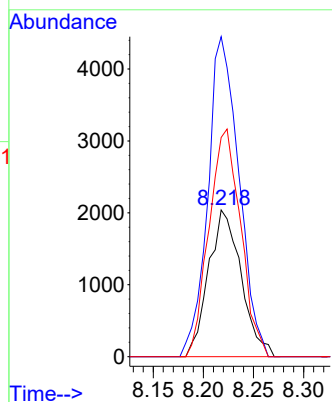


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :

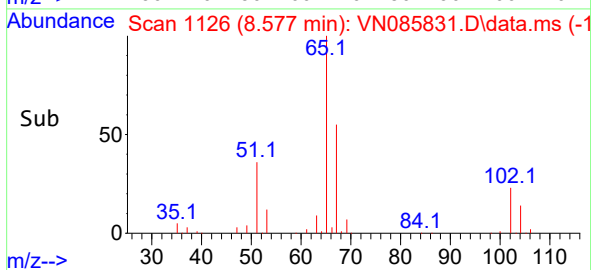
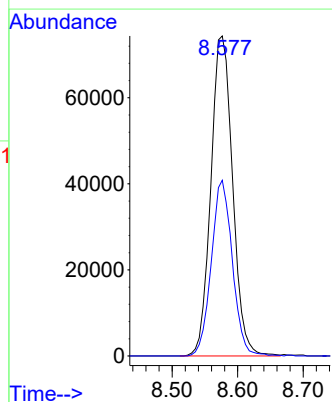
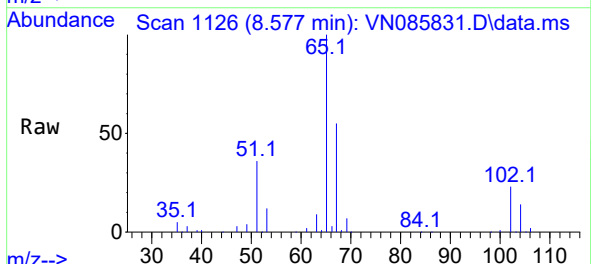


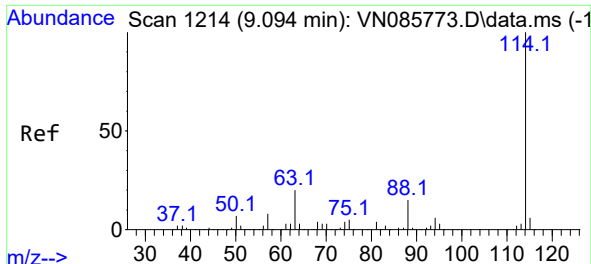
Tgt Ion: 56 Resp: 4621
Ion Ratio Lower Upper
56 100
69 218.1 25.8 38.6#
84 149.5 74.5 111.7#



#33
1,2-Dichloroethane-d4
Concen: 60.16 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Tgt Ion: 65 Resp: 171306
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.2

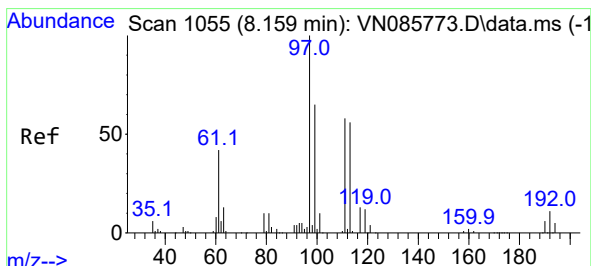
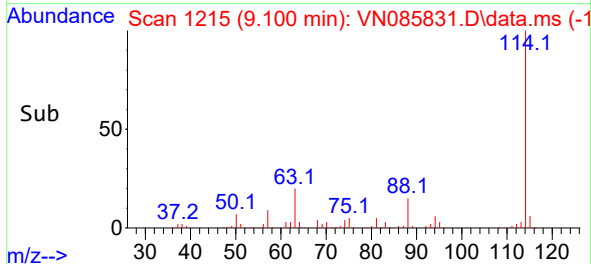
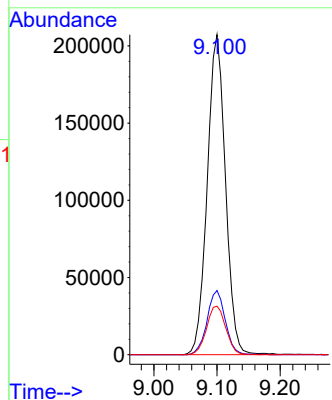
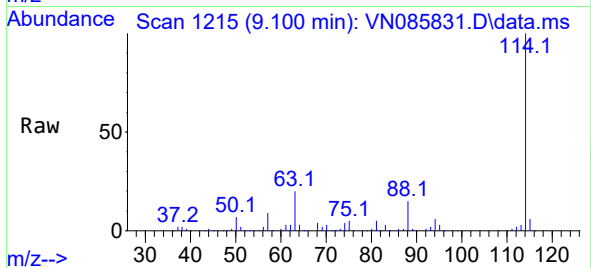




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

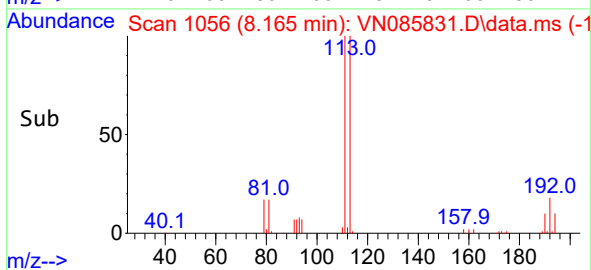
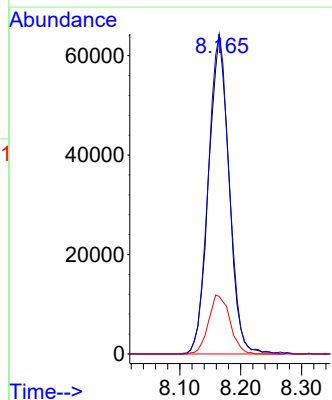
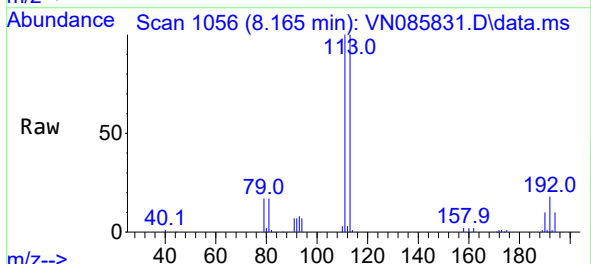
Instrument :
MSVOA_X
ClientSampleId :

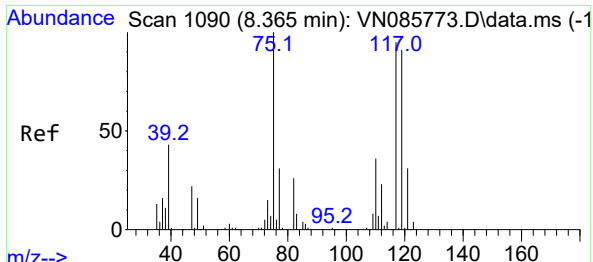
Tgt Ion:114 Resp: 415867
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.1 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.94 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Tgt Ion:113 Resp: 149510
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 19.3 14.7 22.1





#36

1,1-Dichloropropene

Concen: 4.69 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085831.D

Acq: 24 Feb 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

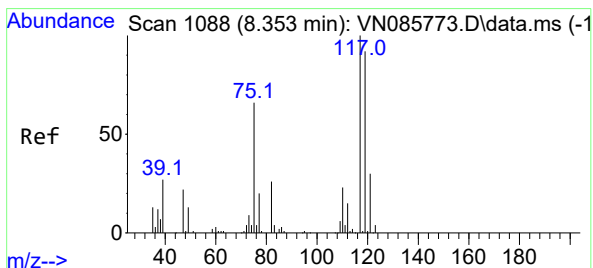
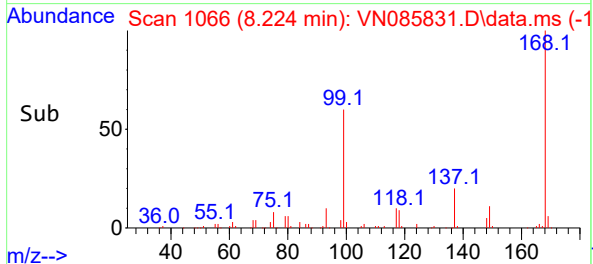
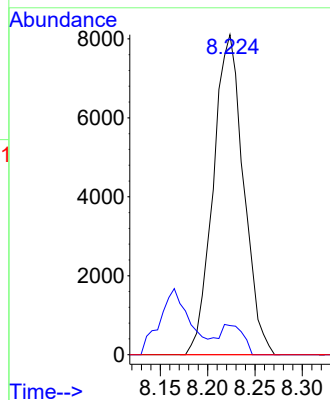
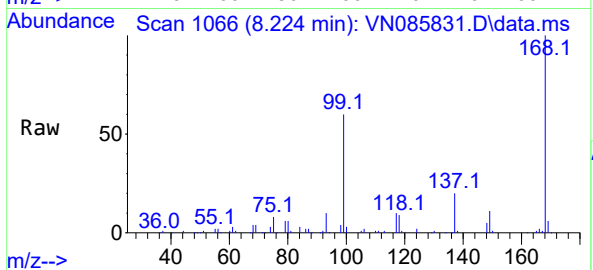
Tgt Ion: 75 Resp: 18069

Ion Ratio Lower Upper

75 100

110 7.9 17.3 52.0#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.08 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.135 min

Lab File: VN085831.D

Acq: 24 Feb 2025 12:39

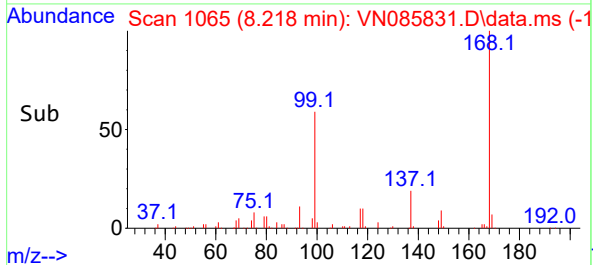
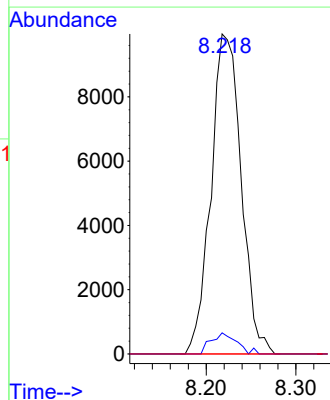
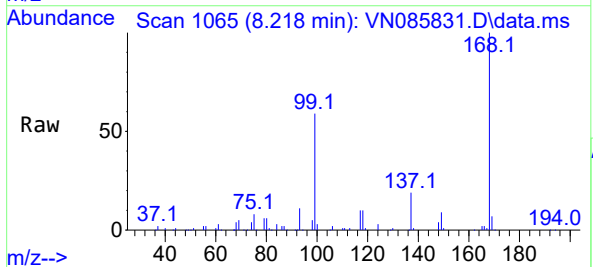
Tgt Ion: 117 Resp: 23250

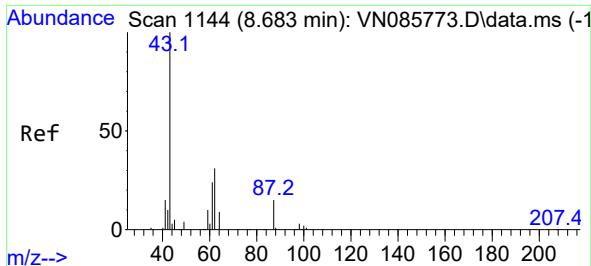
Ion Ratio Lower Upper

117 100

119 6.6 73.8 110.6#

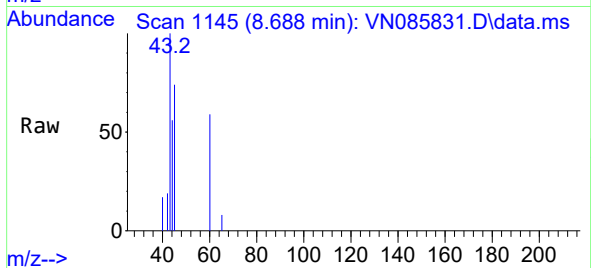
121 0.0 24.3 36.5#



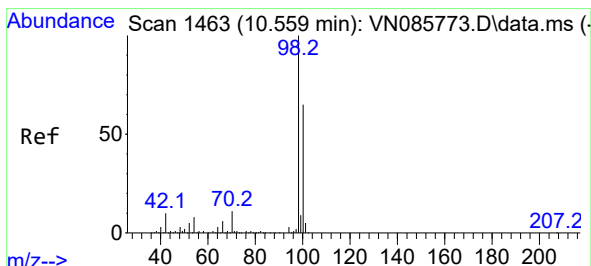
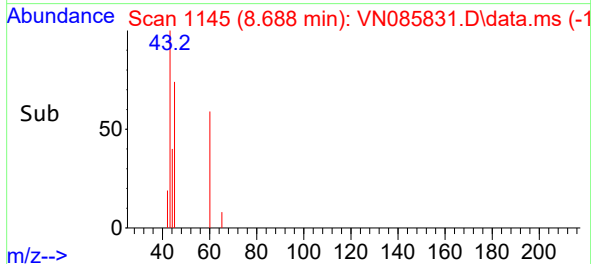
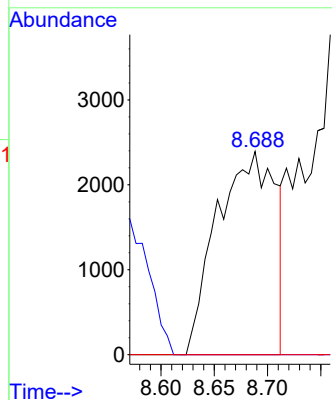


#43
Isopropyl Acetate
Concen: 1.10 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :

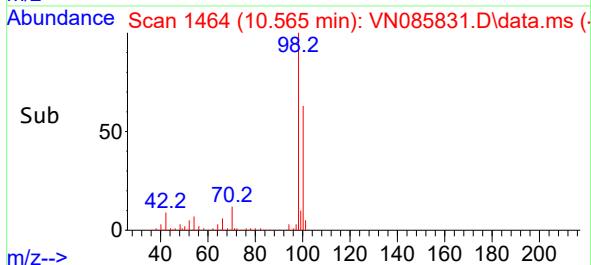
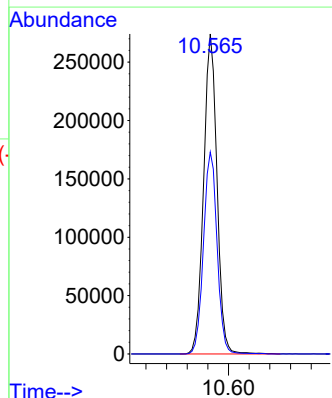
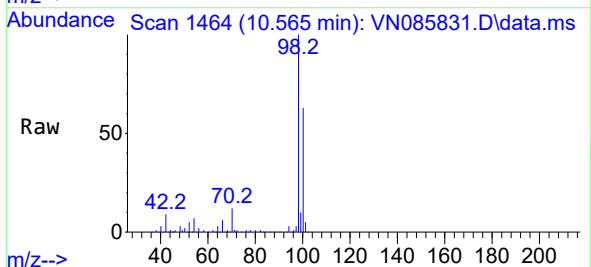


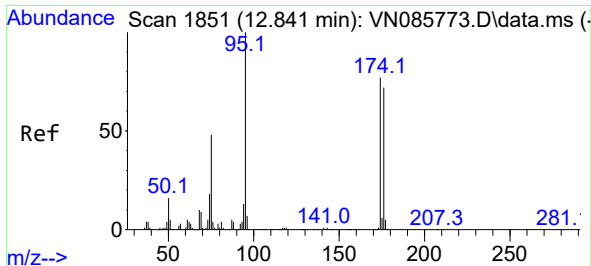
Tgt Ion: 43 Resp: 9096
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#



#50
Toluene-d8
Concen: 49.70 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Tgt Ion: 98 Resp: 492086
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

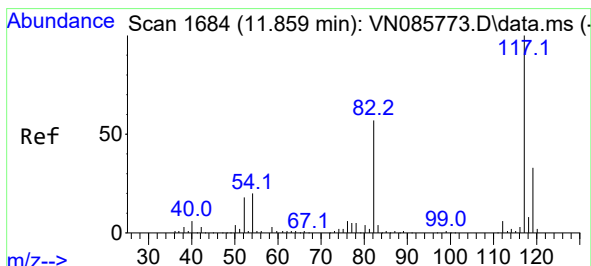
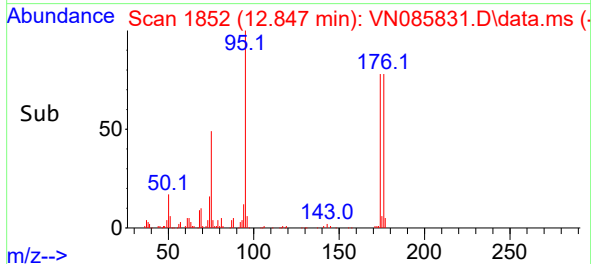
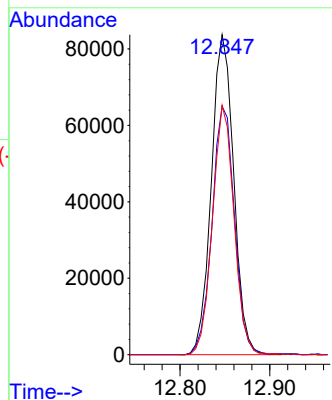
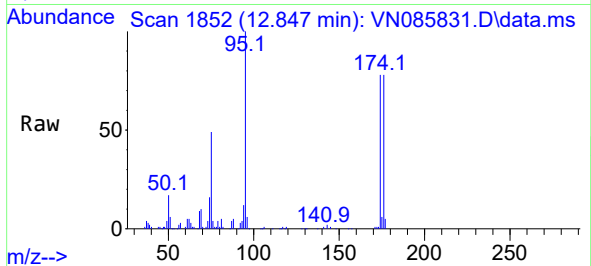




#62
4-Bromofluorobenzene
Concen: 44.31 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

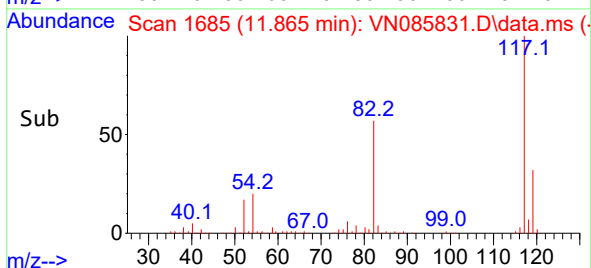
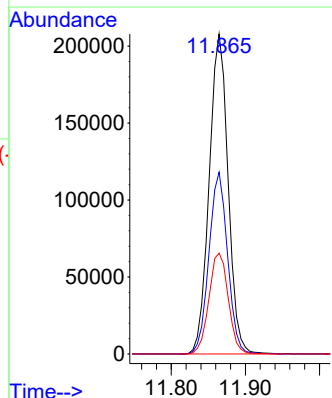
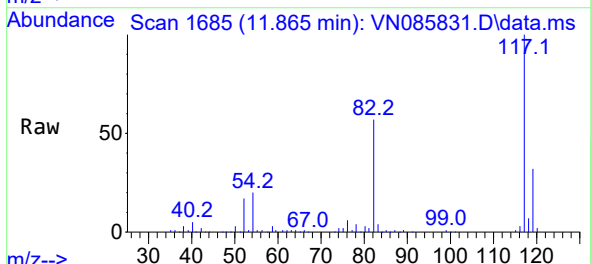
Instrument :
MSVOA_X
ClientSampleId :

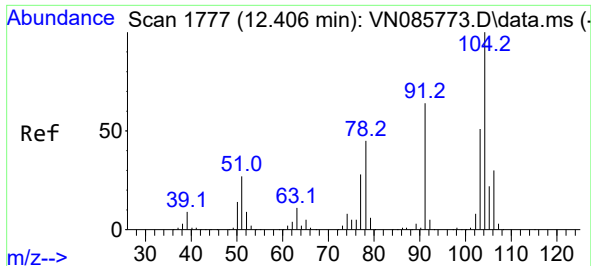
Tgt Ion: 95 Resp: 144556
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.4
176 75.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Tgt Ion: 117 Resp: 368217
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 31.5 26.2 39.2

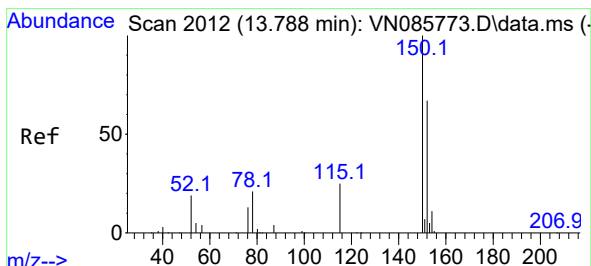
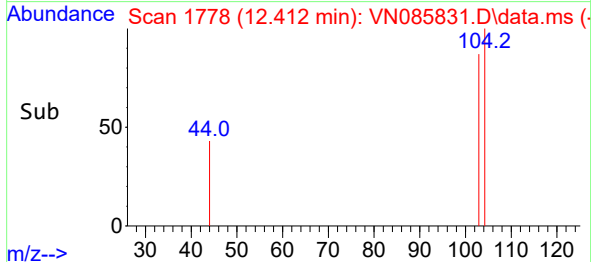
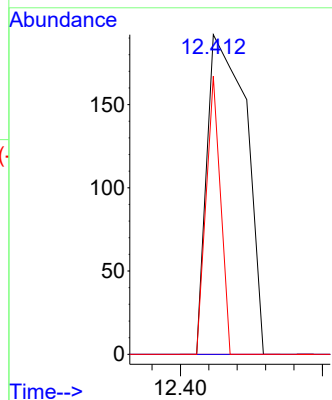
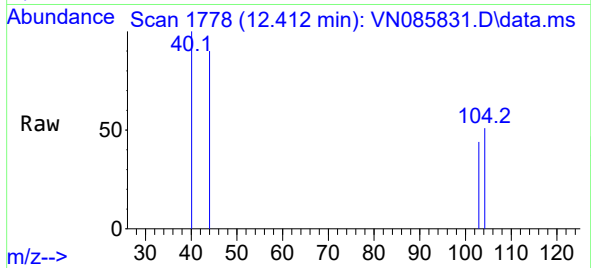




#70
Styrene
Concen: 0.61 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

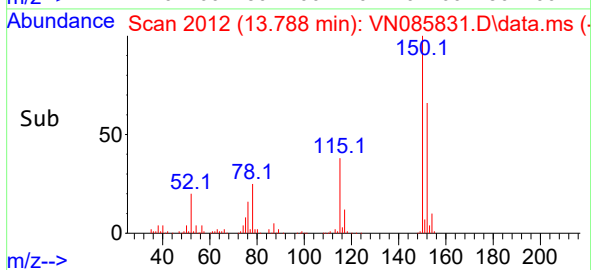
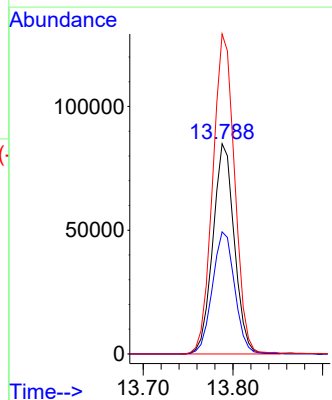
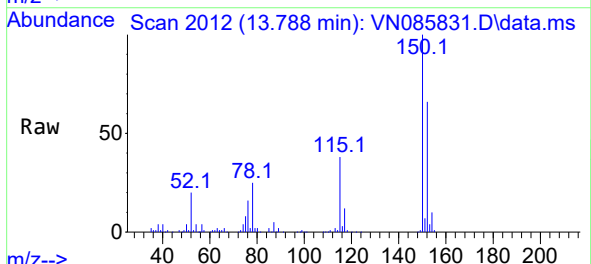
Instrument :
MSVOA_X
ClientSampleId :

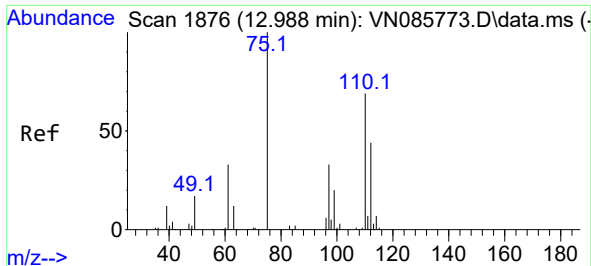
Tgt Ion:104 Resp: 183
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.6#
103 32.2 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

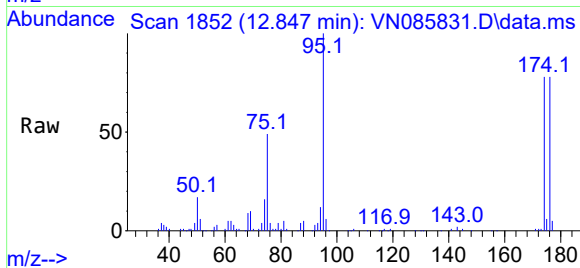
Tgt Ion:152 Resp: 141296
Ion Ratio Lower Upper
152 100
115 60.3 30.4 91.3
150 155.6 0.0 345.4



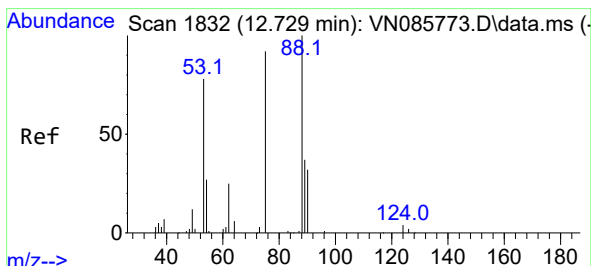
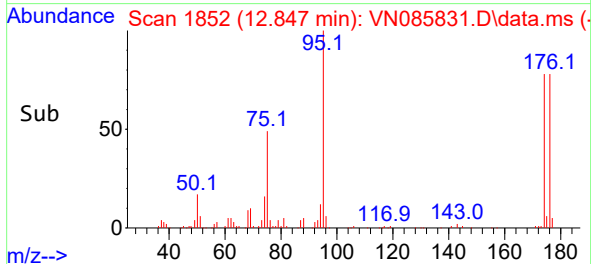
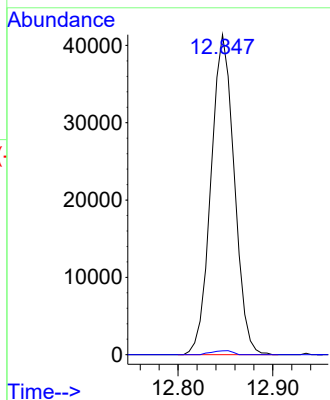


#76
1,2,3-Trichloropropane
Concen: 22.54 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :

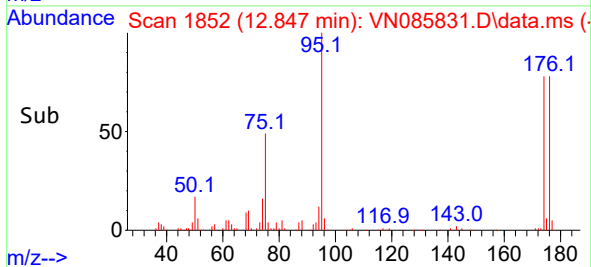
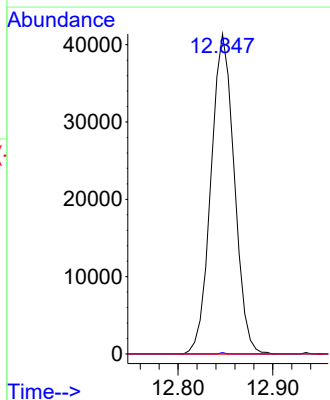
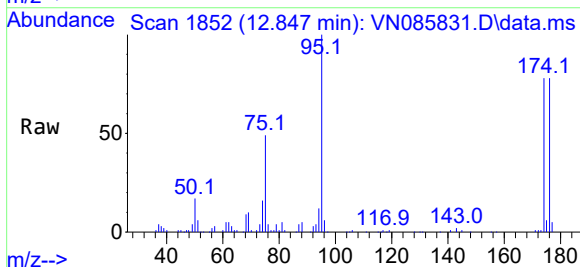


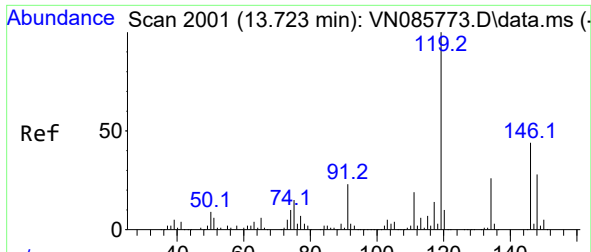
Tgt Ion: 75 Resp: 70739
Ion Ratio Lower Upper
75 100
77 1.1 100.0 300.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.76 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Tgt Ion: 75 Resp: 70739
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.9 52.3#

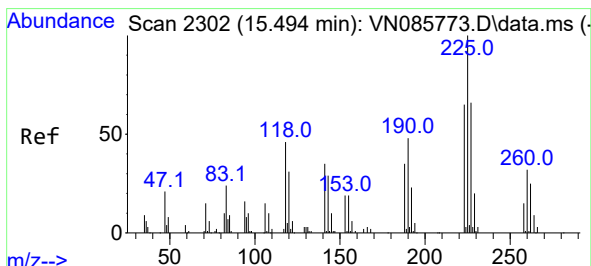
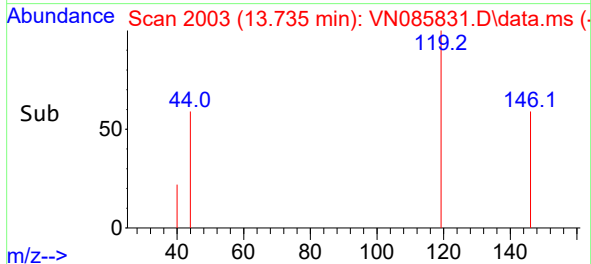
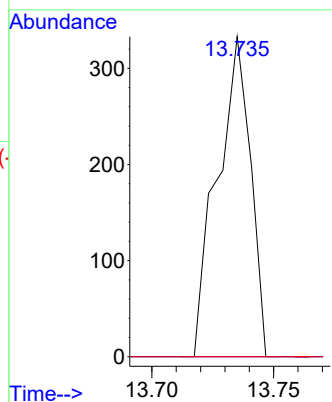
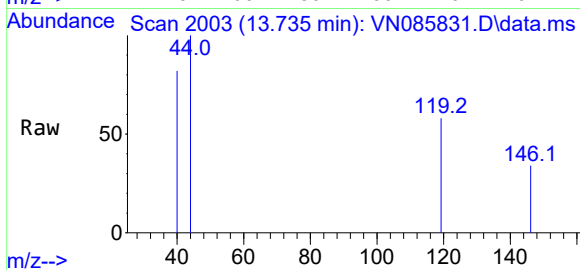




#86
p-Isopropyltoluene
Concen: 0.66 ug/l
RT: 13.735 min Scan# 2001
Delta R.T. 0.012 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

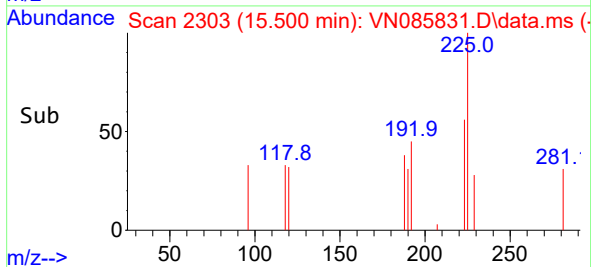
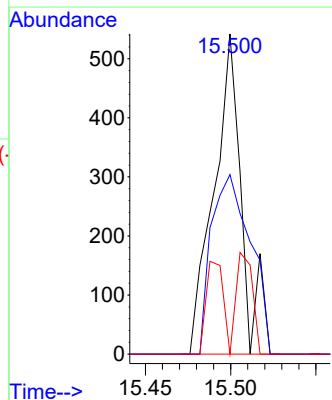
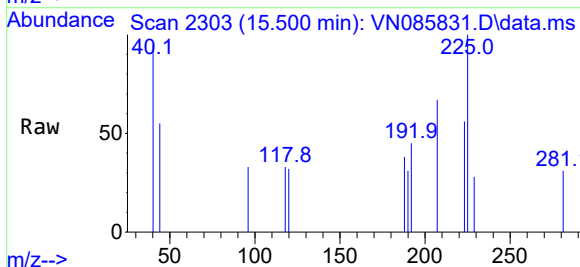
Instrument :
MSVOA_X
ClientSampleId :

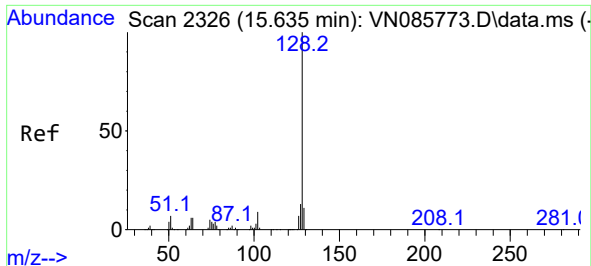
Tgt Ion:119 Resp: 316
Ion Ratio Lower Upper
119 100
134 0.0 13.0 39.0#
91 0.0 11.7 35.1#



#94
Hexachlorobutadiene
Concen: 0.45 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

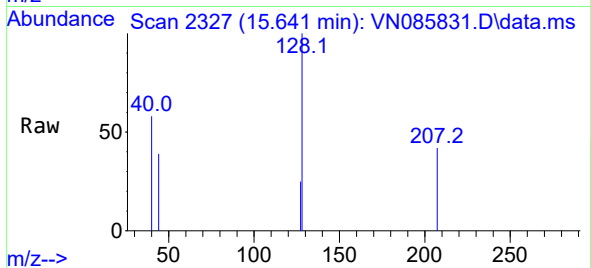
Tgt Ion:225 Resp: 613
Ion Ratio Lower Upper
225 100
223 79.1 31.9 95.5
227 18.6 32.2 96.6#



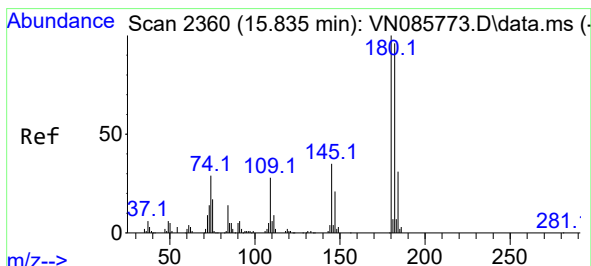
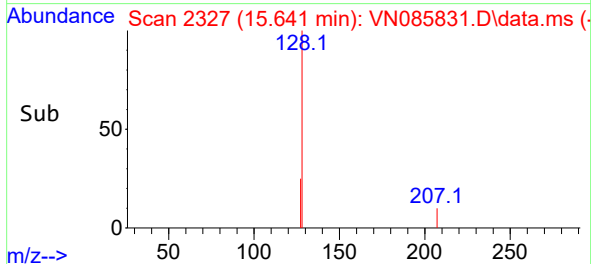
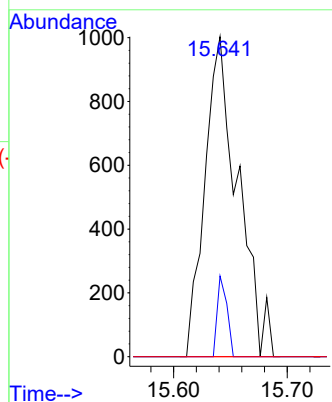


#95
Naphthalene
Concen: 0.33 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2026
Ion Ratio Lower Upper
128 100
127 7.3 10.2 15.2#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.20 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085831.D
Acq: 24 Feb 2025 12:39

Tgt Ion:180 Resp: 461
Ion Ratio Lower Upper
180 100
182 115.4 47.3 141.8
145 26.7 16.9 50.6

