

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080586.D
 Acq On : 21 Dec 2023 20:12
 Operator : JC\MD
 Sample : 05975-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 04:07:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

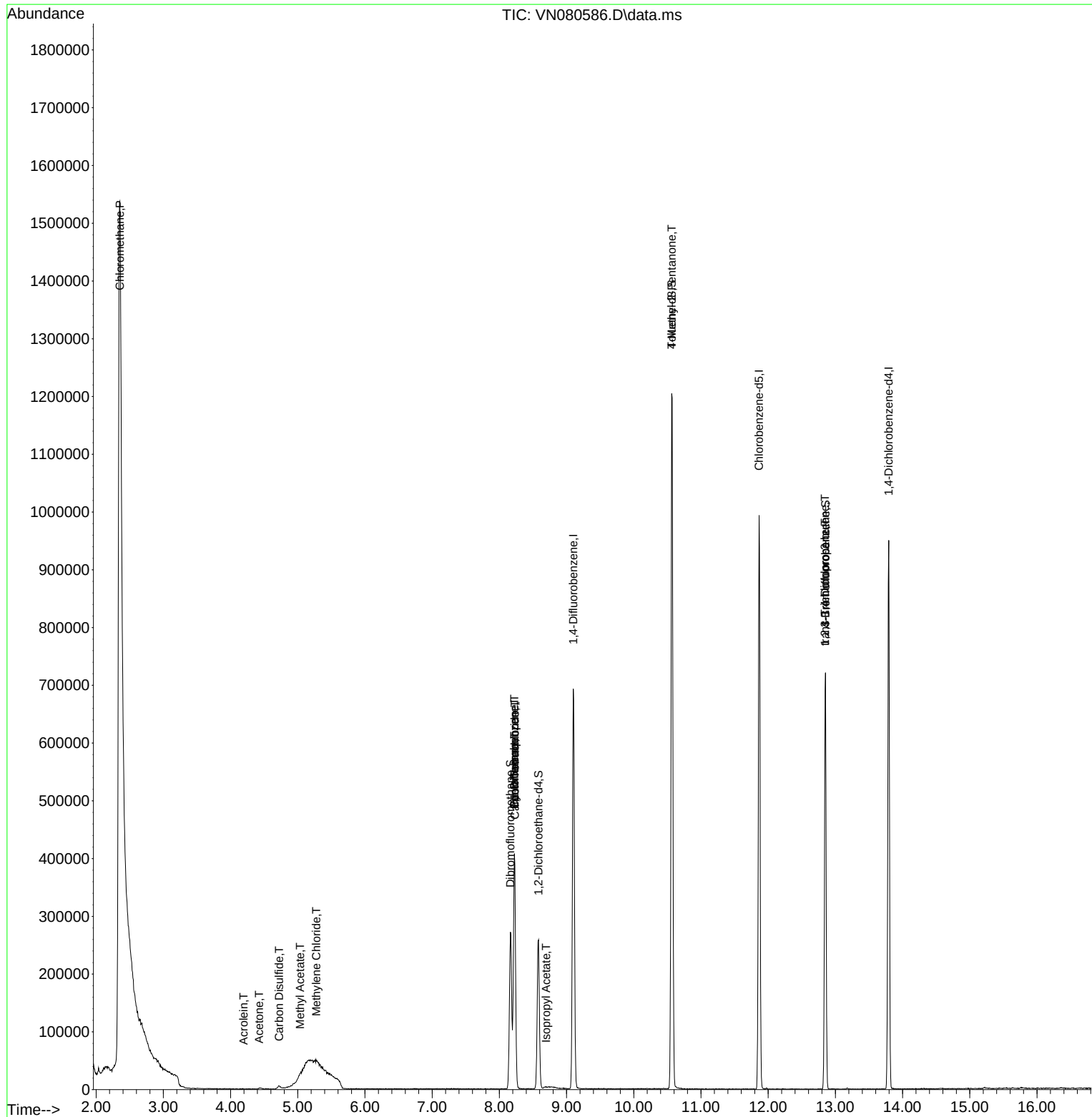
Internal Standards						
1) Pentafluorobenzene	8.224	168	303509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	611813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	575177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	253645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	216447	55.836	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.680%	
35) Dibromofluoromethane	8.165	113	196320	50.609	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.220%	
50) Toluene-d8	10.565	98	853027	58.963	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	117.920%#	
62) 4-Bromofluorobenzene	12.853	95	238699	43.451	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	86.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	95973	23.368	ug/l #	46
13) Acrolein	4.195	56	161	0.322	ug/l #	18
16) Acetone	4.424	43	3109	4.523	ug/l	93
17) Carbon Disulfide	4.724	76	12746	1.378	ug/l	98
18) Methyl Acetate	5.036	43	7054	1.595	ug/l #	74
20) Methylene Chloride	5.277	84	1167	0.317	ug/l #	60
31) Cyclohexane	8.224	56	6079	1.153	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	24055	3.793	ug/l #	47
38) Carbon Tetrachloride	8.230	117	31999	4.222	ug/l #	16
43) Isopropyl Acetate	8.694	43	3439	0.482	ug/l #	49
51) 4-Methyl-2-Pentanone	10.565	43	3539	0.900	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	128241	25.343	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	128241	66.541	ug/l #	15

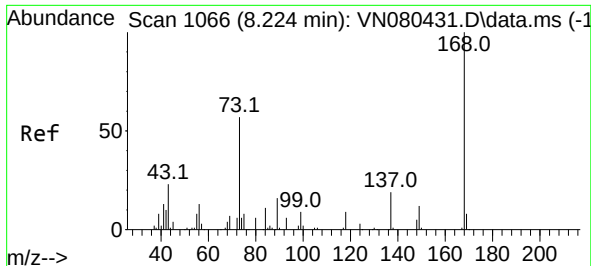
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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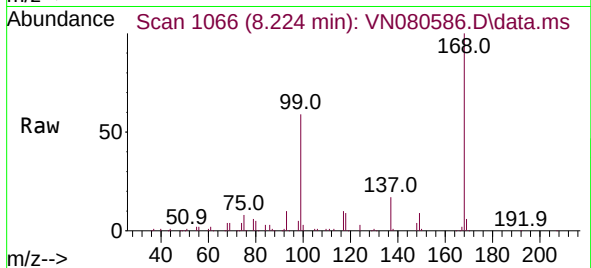
Quant Time: Dec 22 04:07:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
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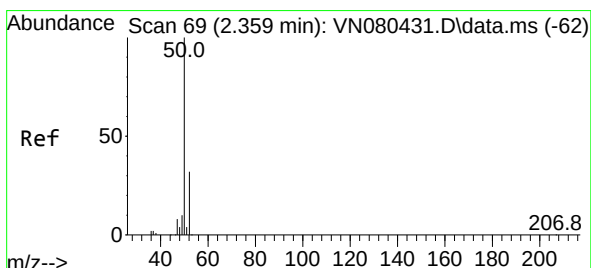
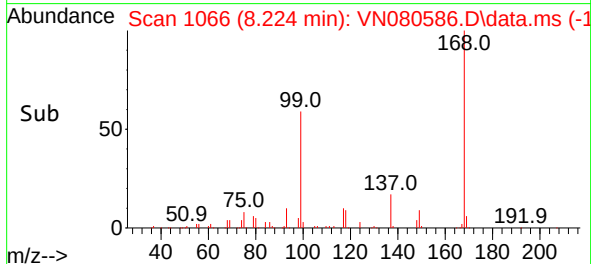
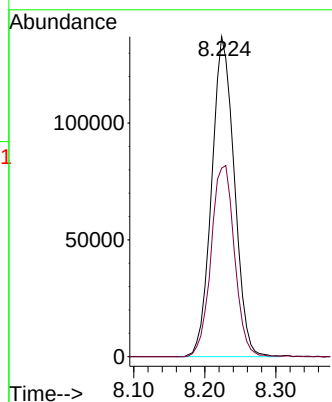


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

Instrument :
MSVOA_N
ClientSampleId :

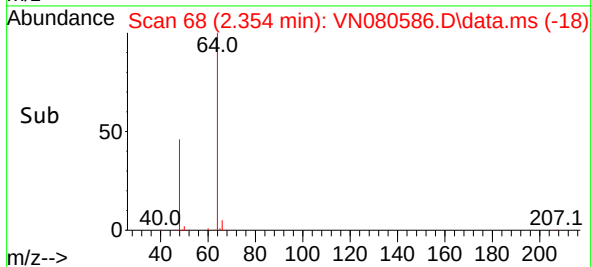
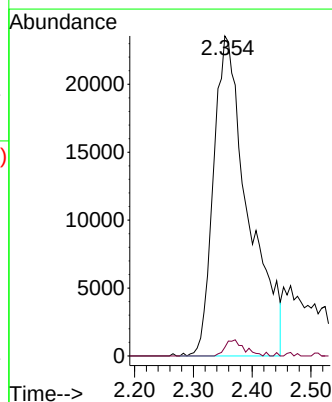
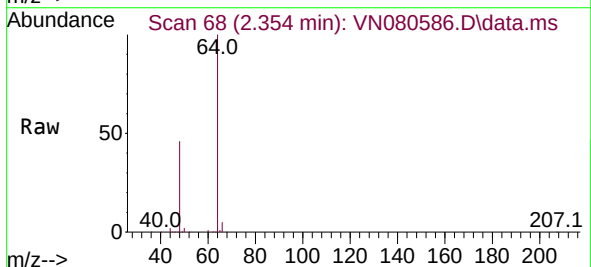


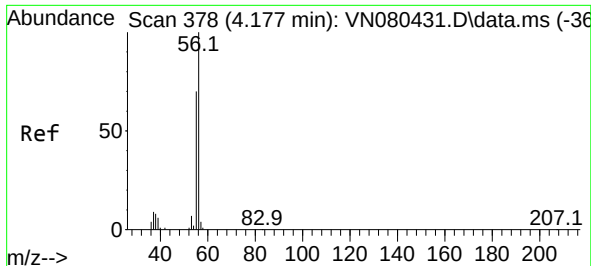
Tgt Ion:168 Resp: 303509
Ion Ratio Lower Upper
168 100
99 58.9 53.0 79.6



#3
Chloromethane
Concen: 23.368 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

Tgt Ion: 50 Resp: 95973
Ion Ratio Lower Upper
50 100
52 2.7 26.5 39.7#

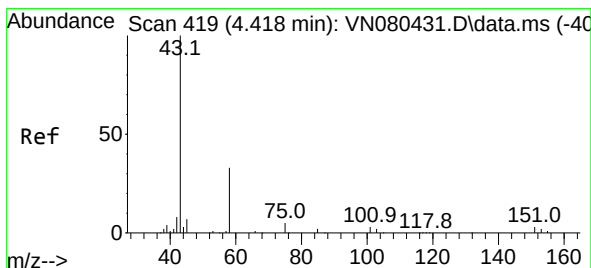
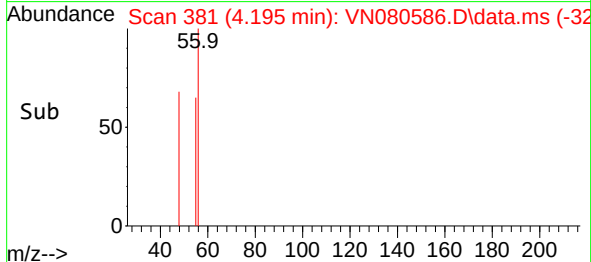
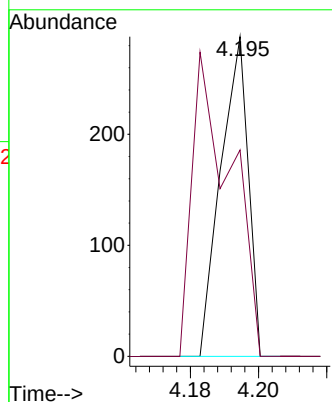
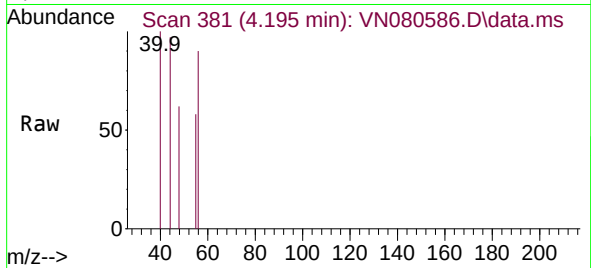




#13
Acrolein
Concen: 0.322 ug/l
RT: 4.195 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

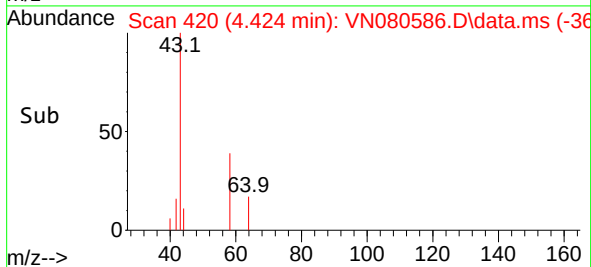
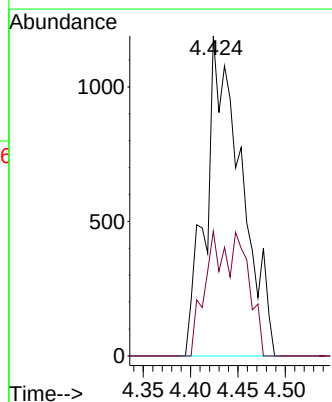
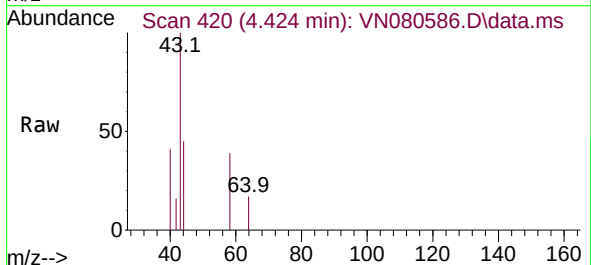
Instrument :
MSVOA_N
ClientSampleId :

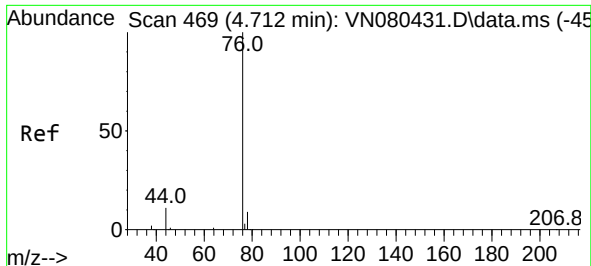
Tgt Ion: 56 Resp: 161
Ion Ratio Lower Upper
56 100
55 134.2 54.5 81.7#



#16
Acetone
Concen: 4.523 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

Tgt Ion: 43 Resp: 3109
Ion Ratio Lower Upper
43 100
58 39.0 28.0 42.0

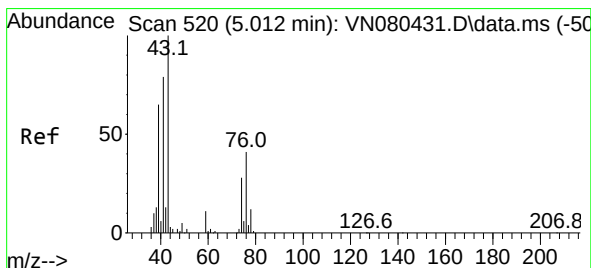
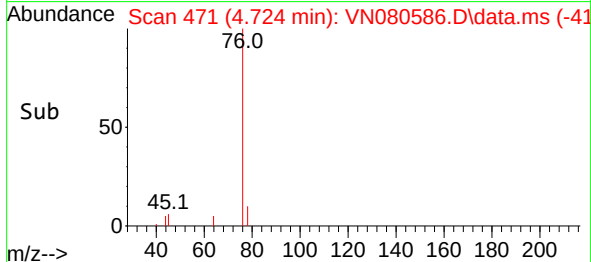
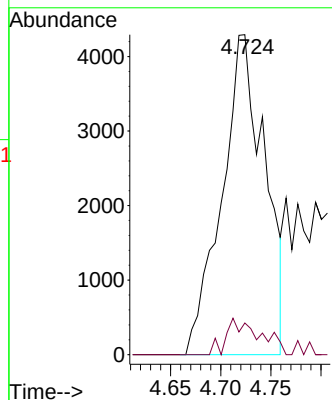
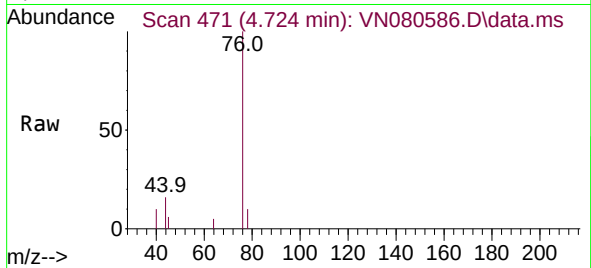




#17
Carbon Disulfide
Concen: 1.378 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

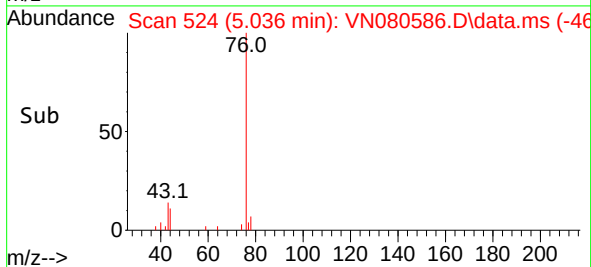
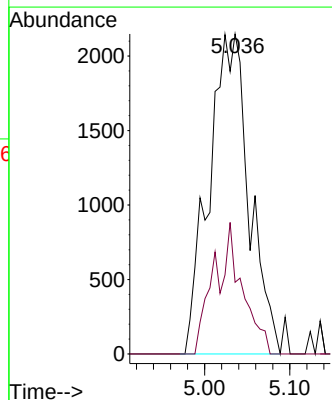
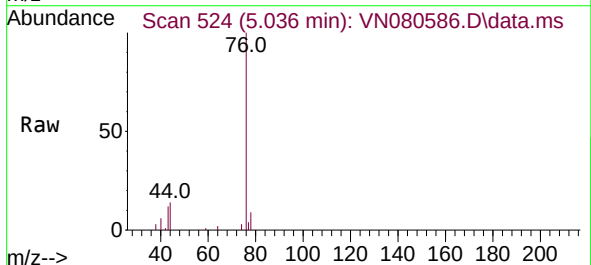
Instrument :
MSVOA_N
ClientSampleId :

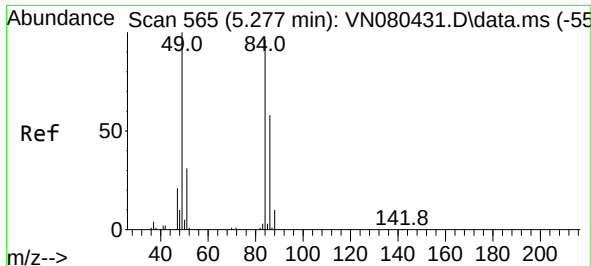
Tgt Ion: 76 Resp: 12746
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 1.595 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.024 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

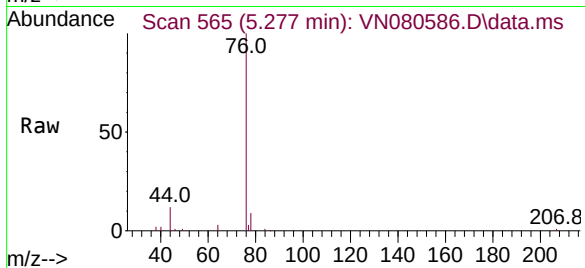
Tgt Ion: 43 Resp: 7054
Ion Ratio Lower Upper
43 100
74 18.1 26.2 39.4#



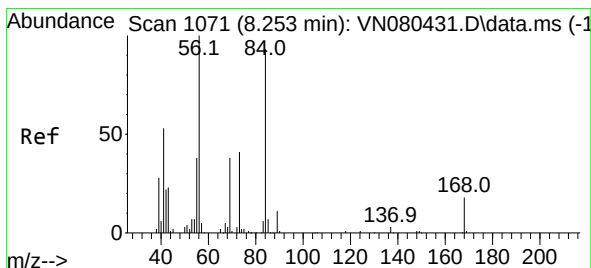
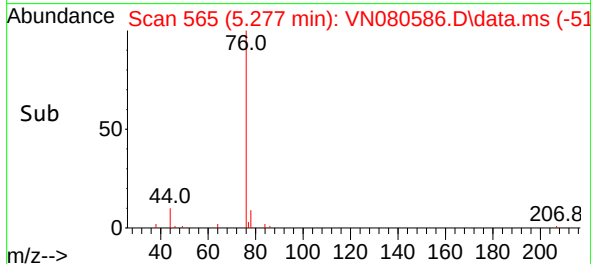
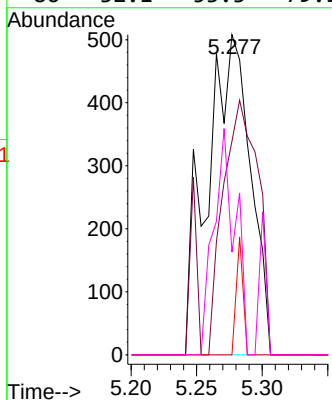


#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

Instrument :
MSVOA_N
ClientSampleId :

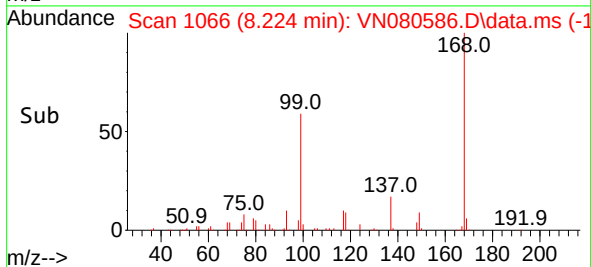
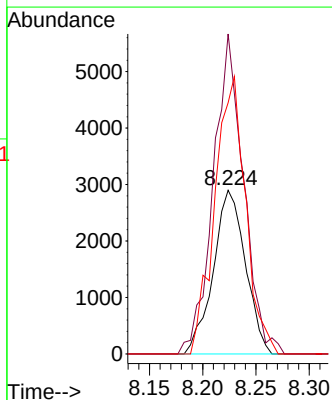
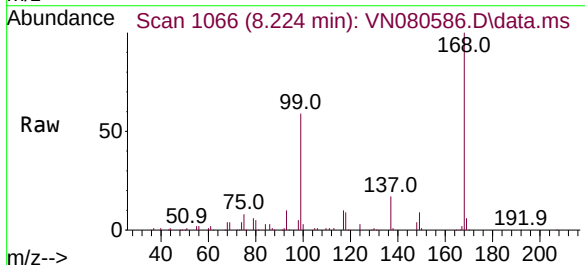


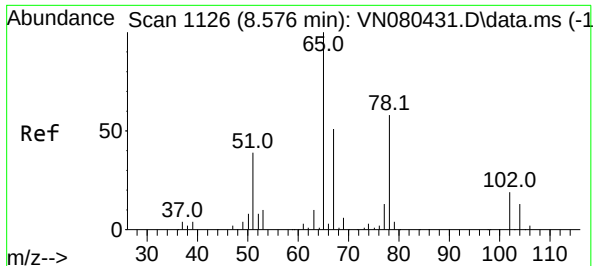
Tgt Ion:	84	Resp:	1167
Ion	Ratio	Lower	Upper
84	100		
49	66.7	79.7	119.5#
51	0.0	25.2	37.8#
86	32.1	53.3	79.9#



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

Tgt Ion:	56	Resp:	6079
Ion	Ratio	Lower	Upper
56	100		
69	195.6	26.8	40.2#
84	153.5	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 55.836 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080586.D

Acq: 21 Dec 2023 20:12

Instrument :

MSVOA_N

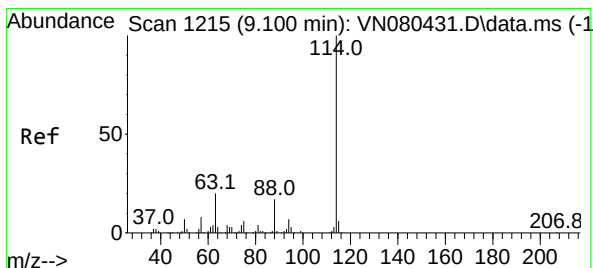
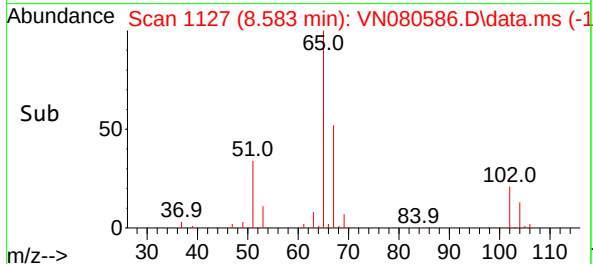
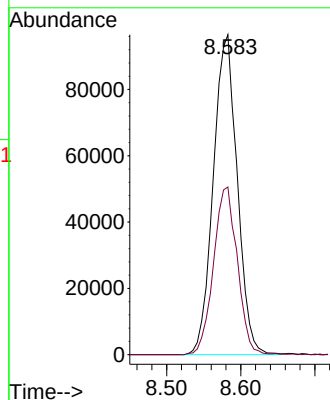
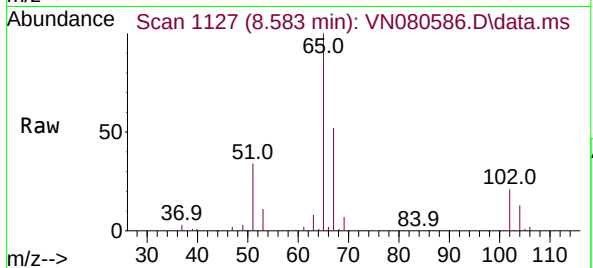
ClientSampleId :

Tgt Ion: 65 Resp: 216447

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080586.D

Acq: 21 Dec 2023 20:12

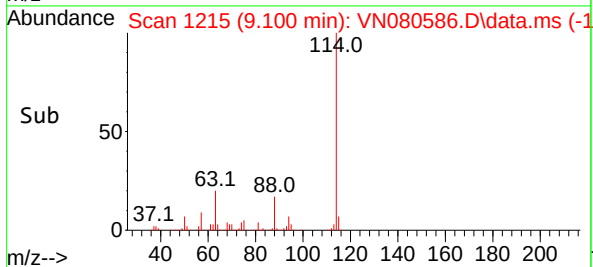
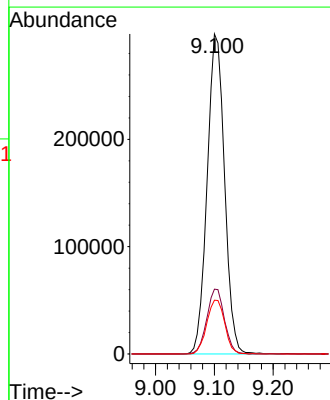
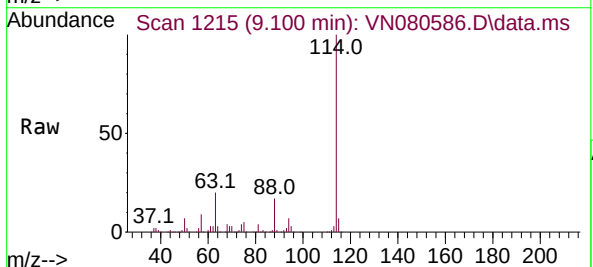
Tgt Ion: 114 Resp: 611813

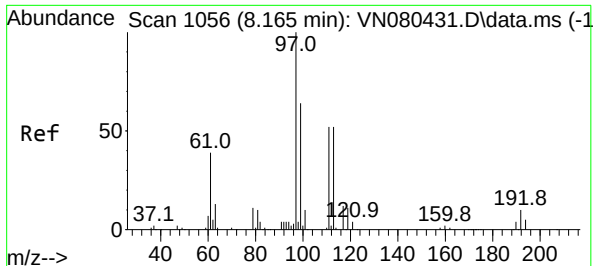
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.609 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080586.D

Acq: 21 Dec 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

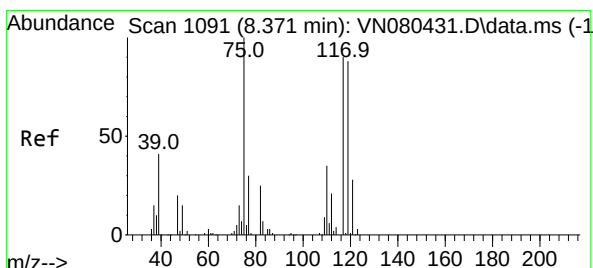
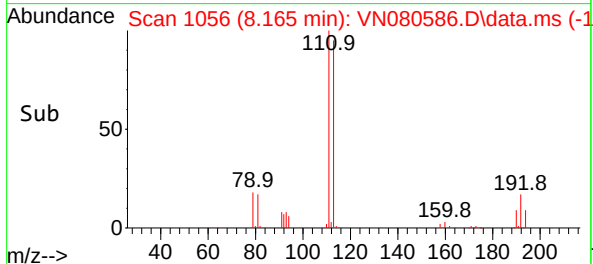
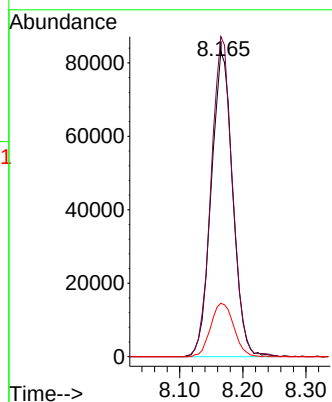
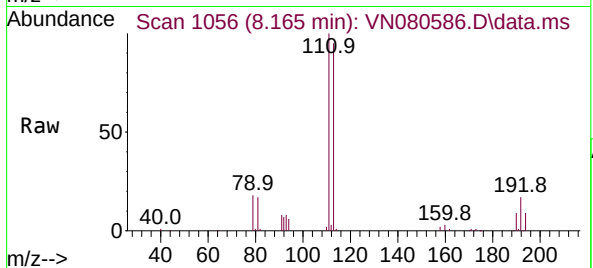
Tgt Ion:113 Resp: 196320

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 18.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 3.793 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN080586.D

Acq: 21 Dec 2023 20:12

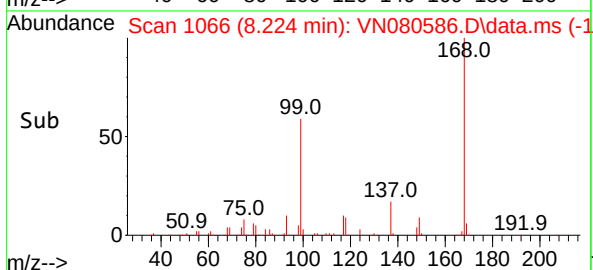
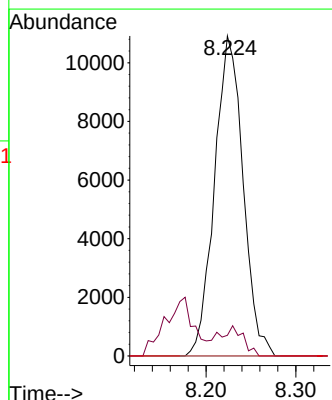
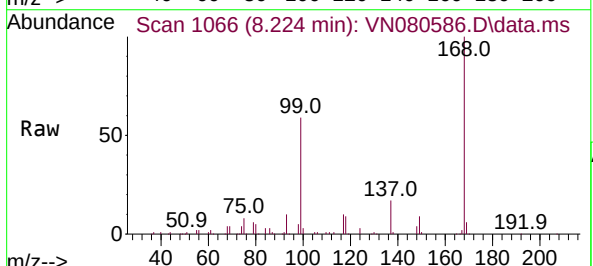
Tgt Ion: 75 Resp: 24055

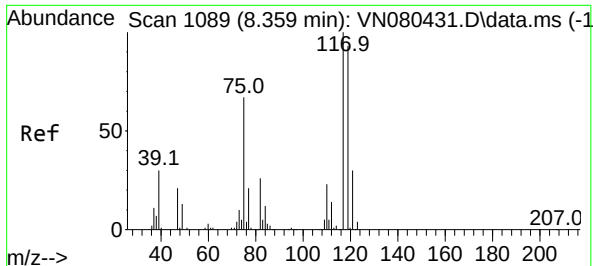
Ion Ratio Lower Upper

75 100

110 8.3 19.1 57.3#

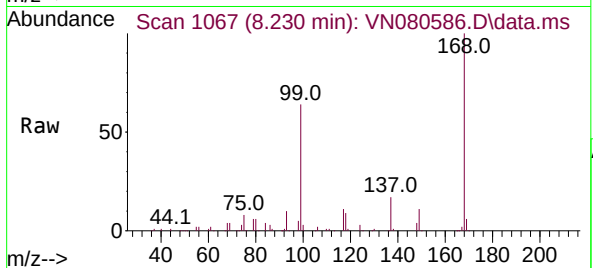
77 0.0 25.0 37.4#



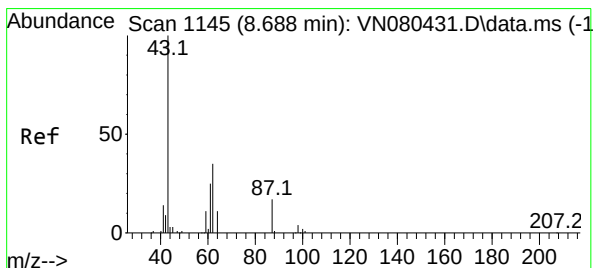
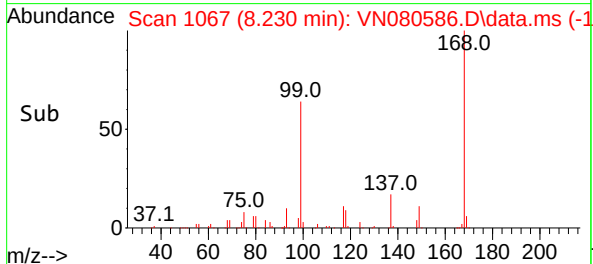
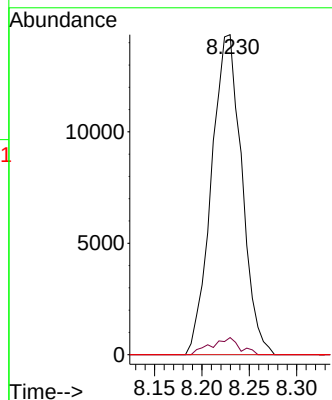


#38
Carbon Tetrachloride
Concen: 4.222 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

Instrument :
MSVOA_N
ClientSampleId :

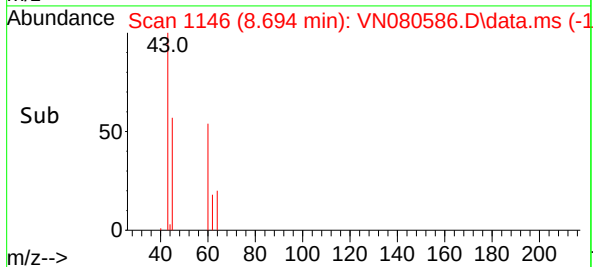
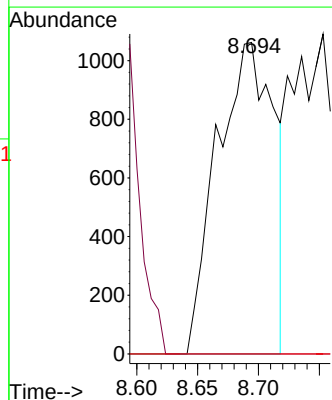
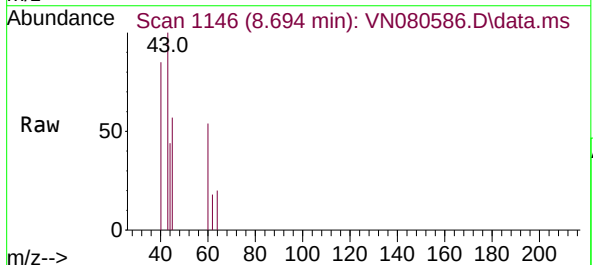


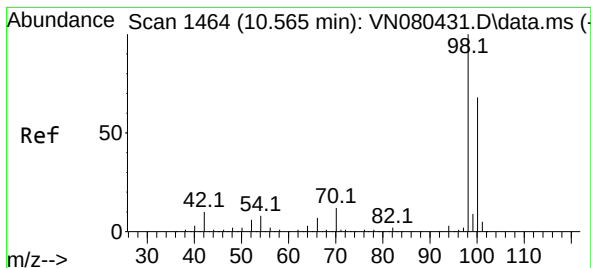
Tgt Ion:117 Resp: 31999
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.482 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

Tgt Ion: 43 Resp: 3439
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#





#50

Toluene-d8

Concen: 58.963 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080586.D

Acq: 21 Dec 2023 20:12

Instrument :

MSVOA_N

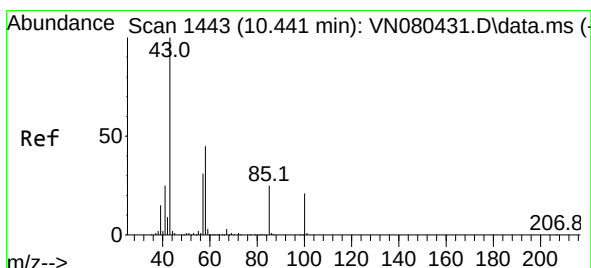
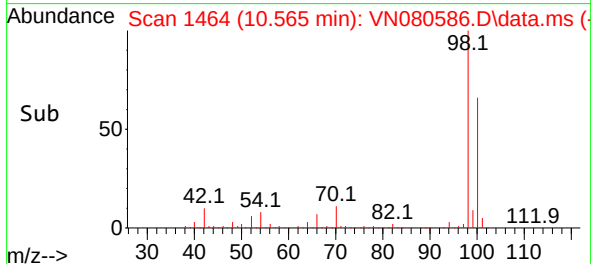
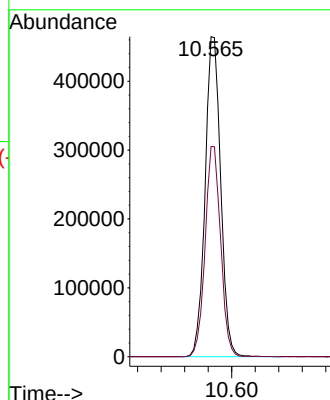
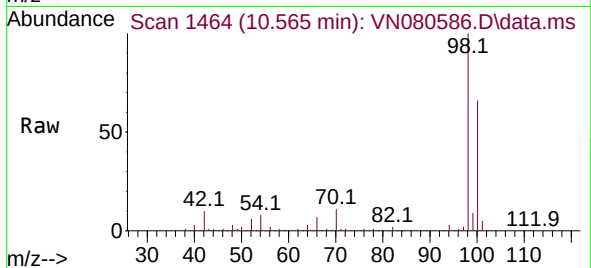
ClientSampleId :

Tgt Ion: 98 Resp: 853027

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.900 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.124 min

Lab File: VN080586.D

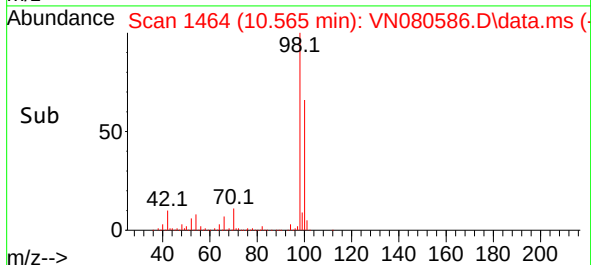
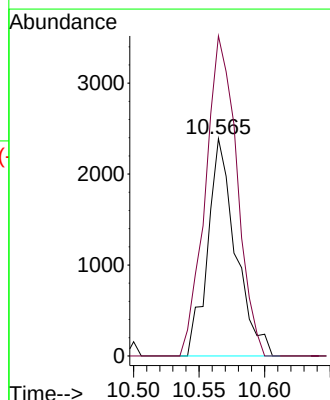
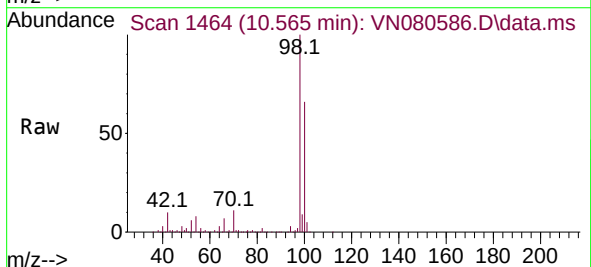
Acq: 21 Dec 2023 20:12

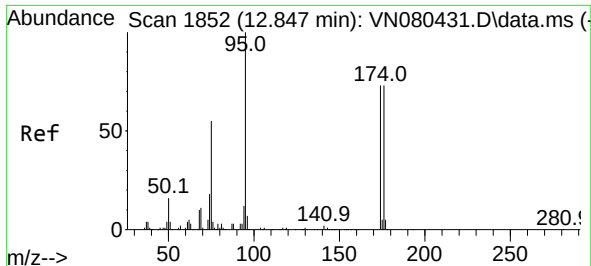
Tgt Ion: 43 Resp: 3539

Ion Ratio Lower Upper

43 100

58 166.1 36.6 54.8#

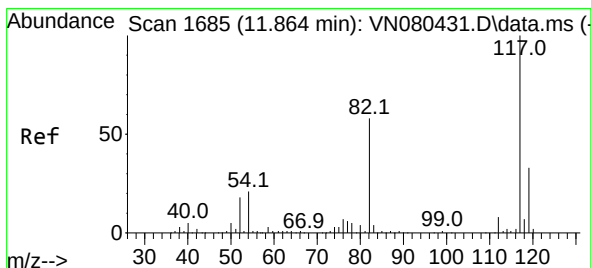
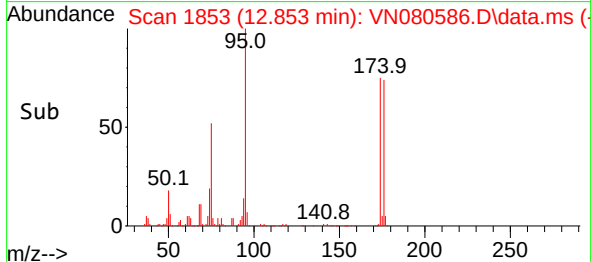
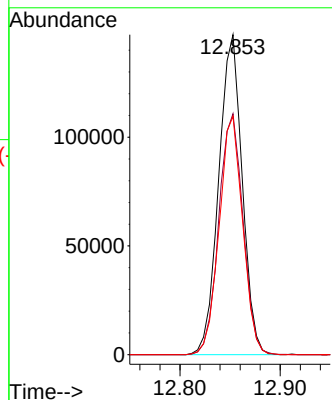
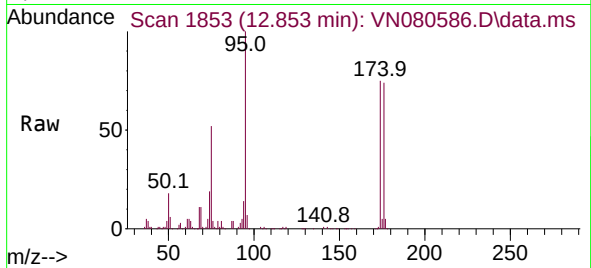




#62
4-Bromofluorobenzene
Concen: 43.451 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

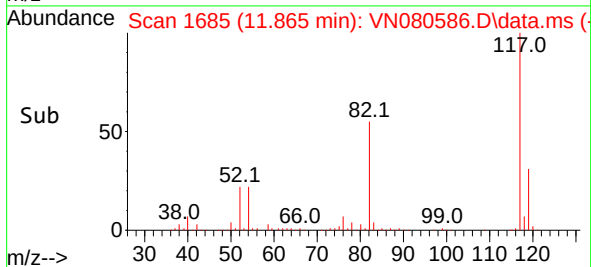
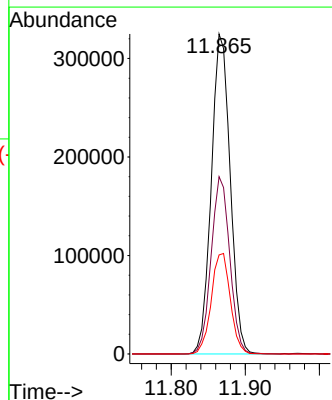
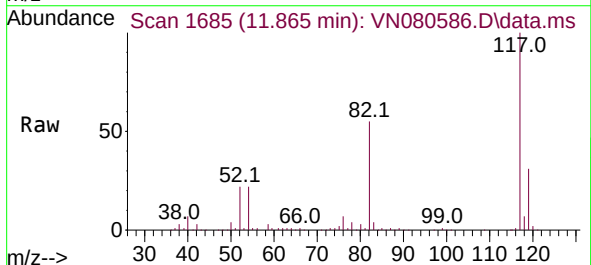
Instrument :
MSVOA_N
ClientSampleId :

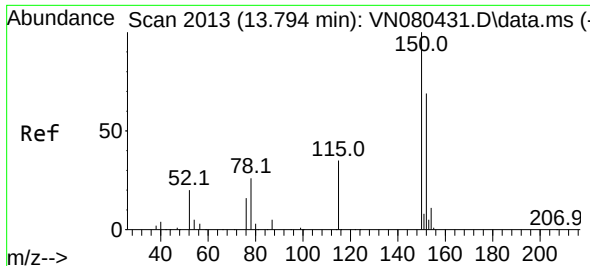
Tgt Ion: 95 Resp: 238699
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 74.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

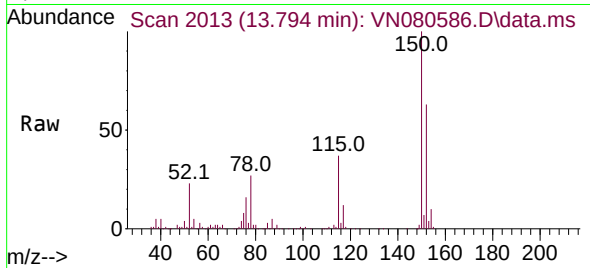
Tgt Ion: 117 Resp: 575177
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 30.9 25.6 38.4



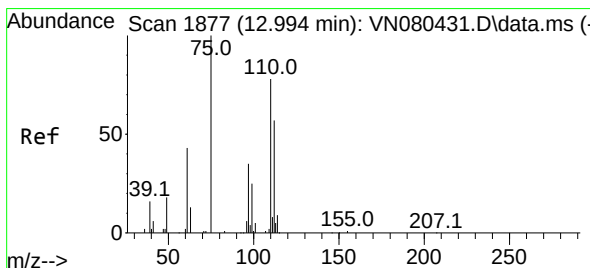
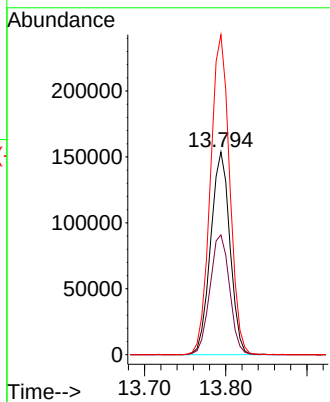
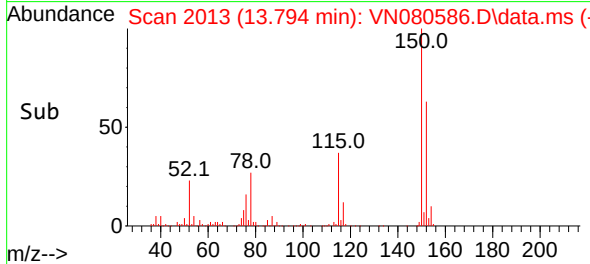


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080586.D
 Acq: 21 Dec 2023 20:12

Instrument :
 MSVOA_N
 ClientSampleId :

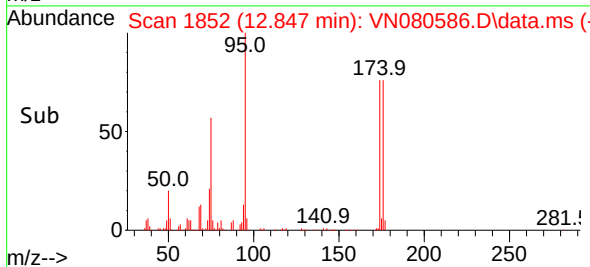
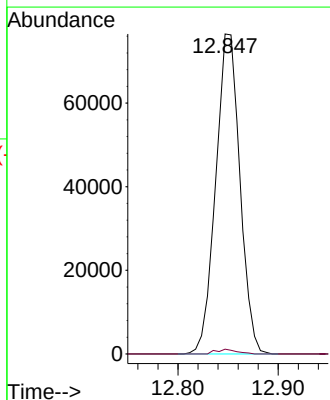
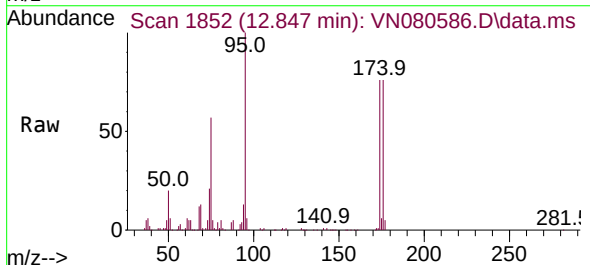


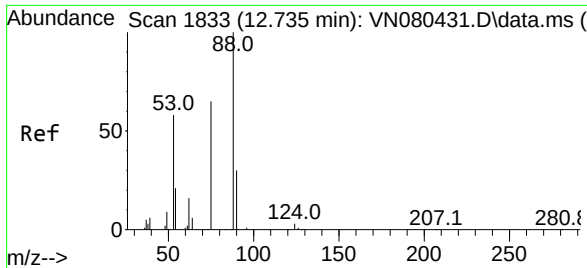
Tgt Ion:152 Resp: 253645
 Ion Ratio Lower Upper
 152 100
 115 60.1 32.3 96.8
 150 157.6 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 25.343 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080586.D
 Acq: 21 Dec 2023 20:12

Tgt Ion: 75 Resp: 128241
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.541 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080586.D
Acq: 21 Dec 2023 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 128241
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

