

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080580.D
 Acq On : 21 Dec 2023 17:49
 Operator : JC\MD
 Sample : 05975-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 04:05:05 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)

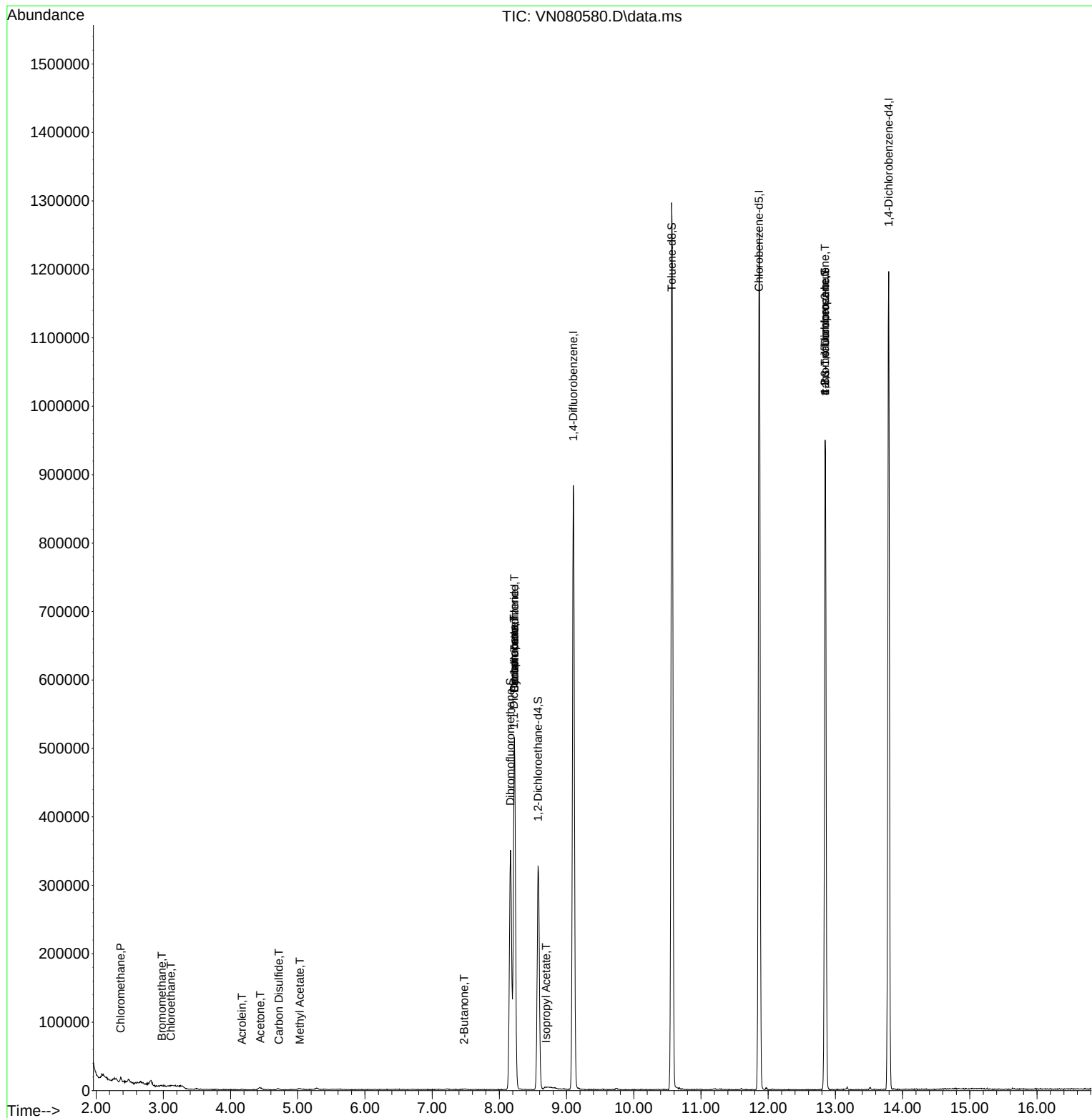
Internal Standards						
1) Pentafluorobenzene	8.224	168	375536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	789804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	760254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	317359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	276433	57.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.260%
35) Dibromofluoromethane	8.165	113	254639	50.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	10.565	98	894163	47.878	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.847	95	346810	48.903	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.800%
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	8487	1.300	ug/l	93
5) Bromomethane	2.977	94	1013	0.548	ug/l #	73
6) Chloroethane	3.112	64	615	0.234	ug/l #	43
13) Acrolein	4.171	56	401	0.648	ug/l	97
16) Acetone	4.441	43	6150	7.231	ug/l	99
17) Carbon Disulfide	4.718	76	2582	0.226	ug/l #	75
18) Methyl Acetate	5.030	43	3575	0.653	ug/l #	77
25) 2-Butanone	7.477	43	1645	1.004	ug/l #	37
31) Cyclohexane	8.224	56	7238	1.110	ug/l #	6
36) 1,1-Dichloropropene	8.218	75	29851	3.646	ug/l #	47
38) Carbon Tetrachloride	8.224	117	40099	4.099	ug/l #	15
43) Isopropyl Acetate	8.694	43	2523	0.274	ug/l #	49
76) 1,2,3-Trichloropropane	12.847	75	174760	27.603	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	174760	72.474	ug/l #	15

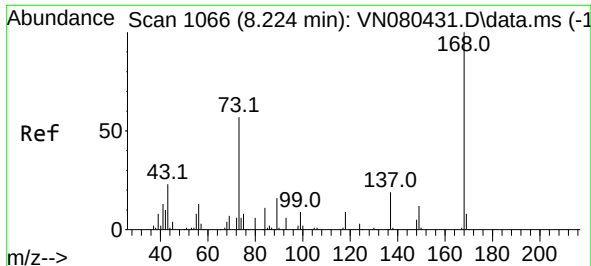
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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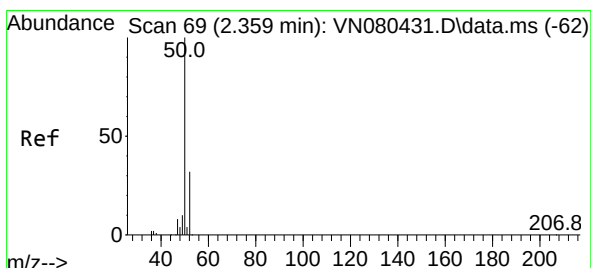
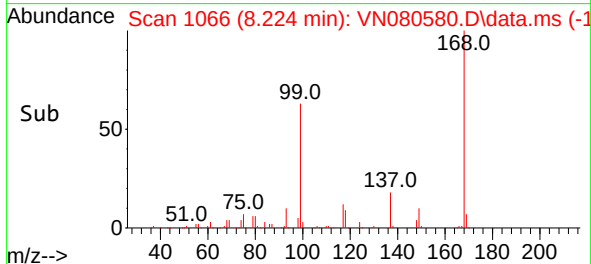
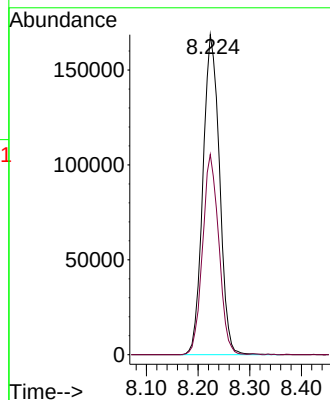
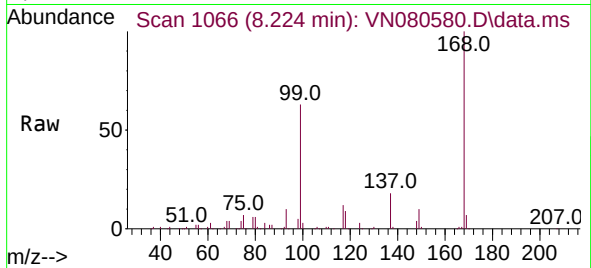




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

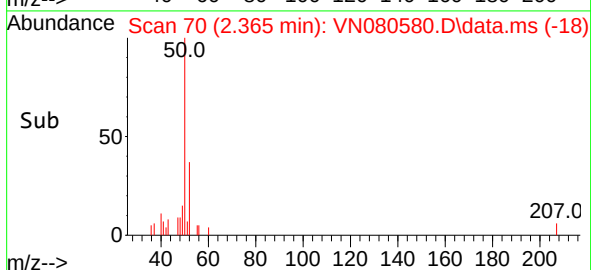
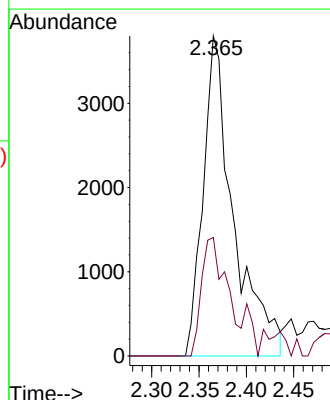
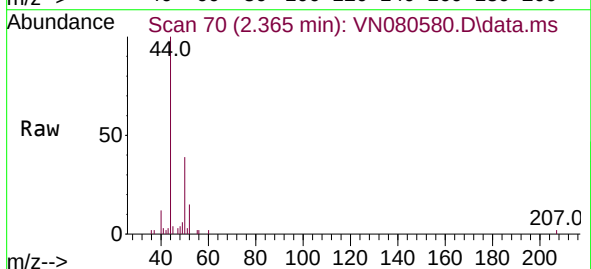
Instrument :
MSVOA_N
ClientSampleId :

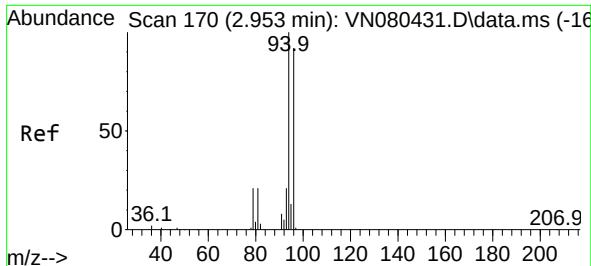
Tgt Ion:168 Resp: 375536
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#3
Chloromethane
Concen: 1.300 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

Tgt Ion: 50 Resp: 8487
Ion Ratio Lower Upper
50 100
52 37.1 26.5 39.7

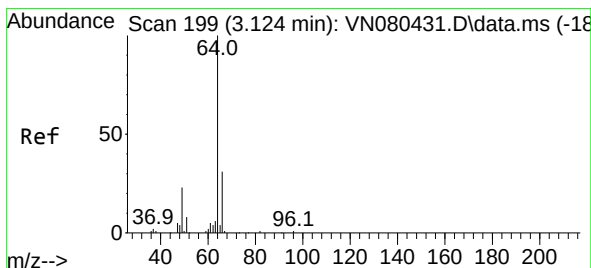
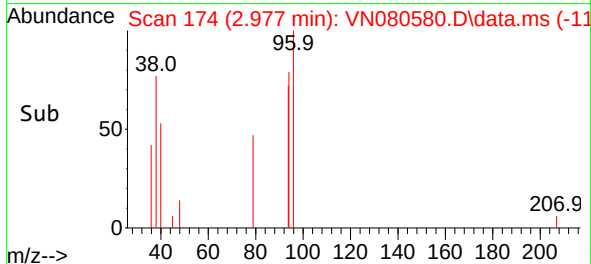
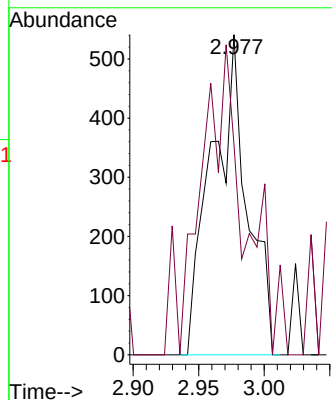
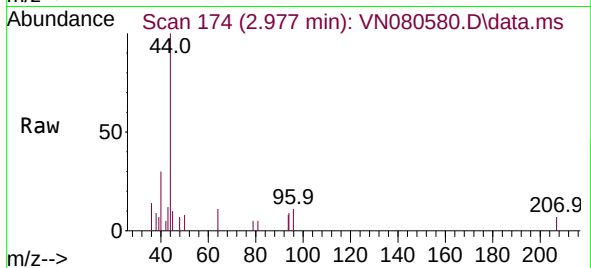




#5
Bromomethane
Concen: 0.548 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

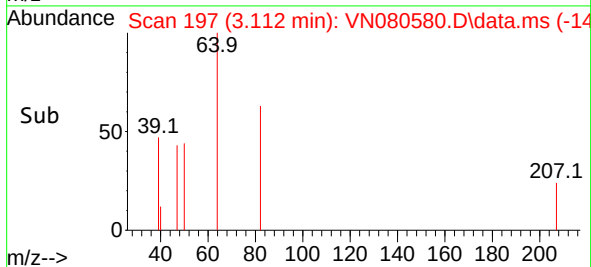
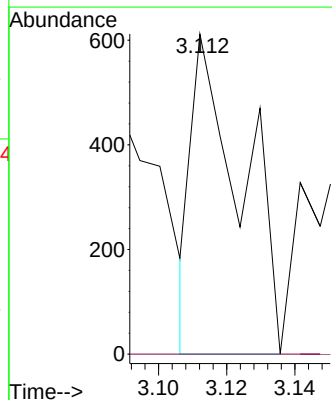
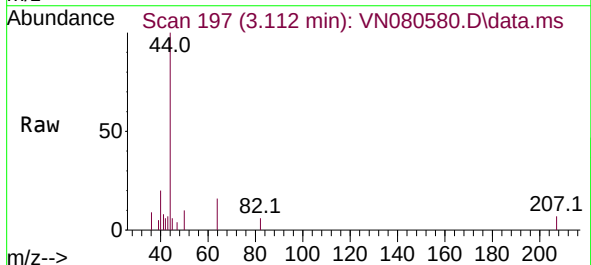
Instrument :
MSVOA_N
ClientSampleId :

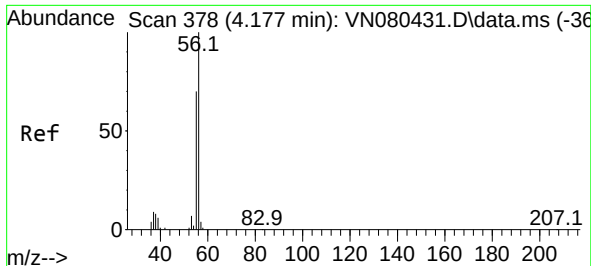
Tgt Ion: 94 Resp: 1013
Ion Ratio Lower Upper
94 100
96 65.8 73.1 109.7#



#6
Chloroethane
Concen: 0.234 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

Tgt Ion: 64 Resp: 615
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

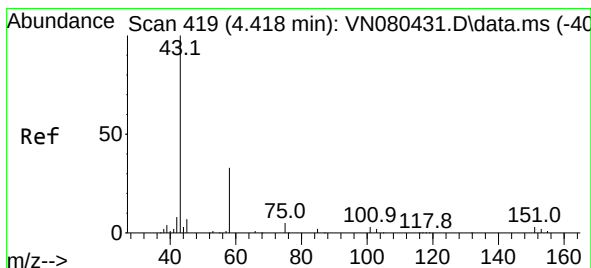
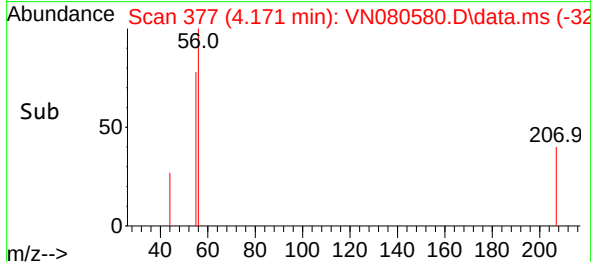
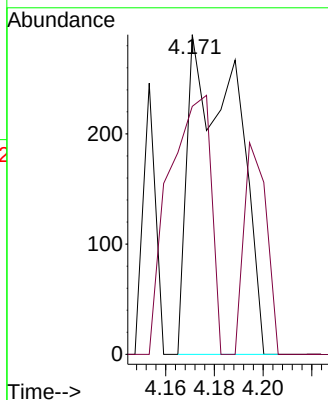
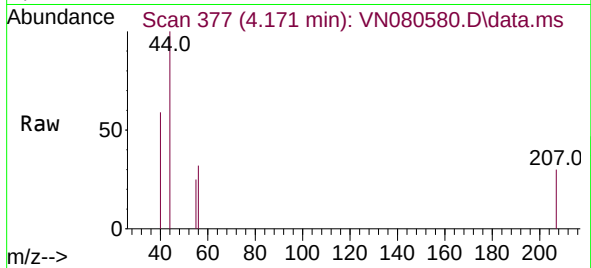




#13
Acrolein
Concen: 0.648 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

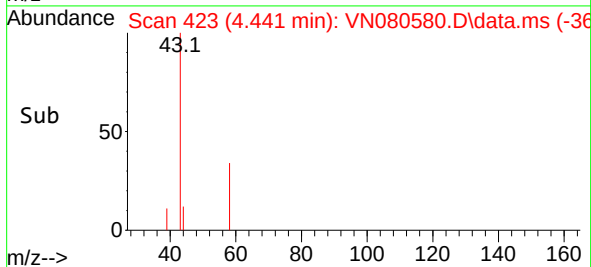
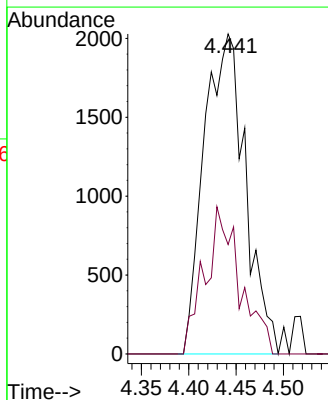
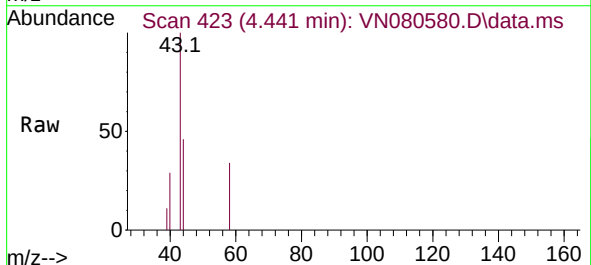
Instrument :
MSVOA_N
ClientSampleId :

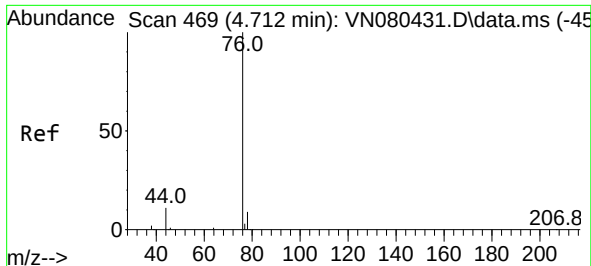
Tgt Ion: 56 Resp: 401
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7



#16
Acetone
Concen: 7.231 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.023 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

Tgt Ion: 43 Resp: 6150
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0

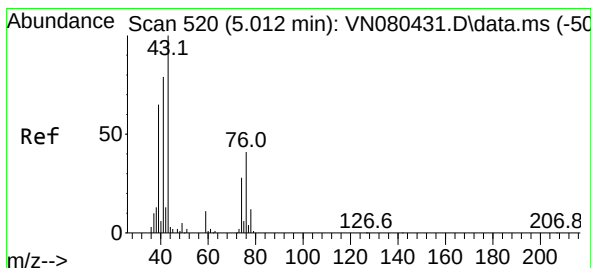
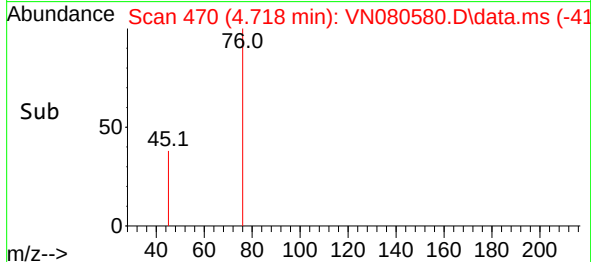
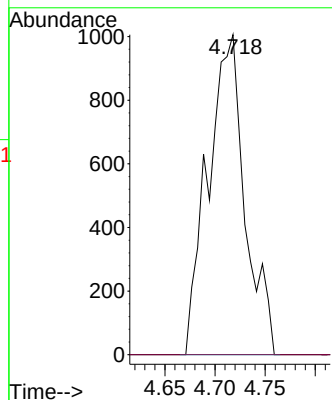
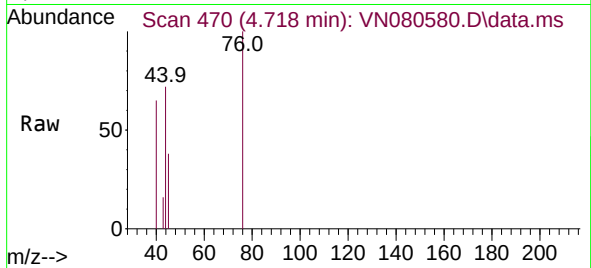




#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

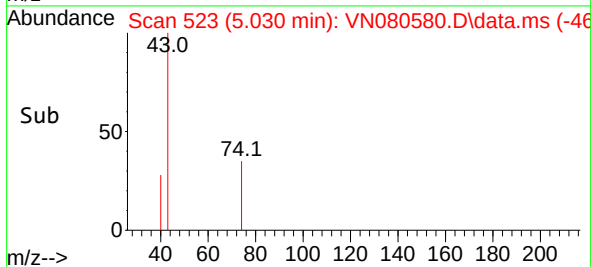
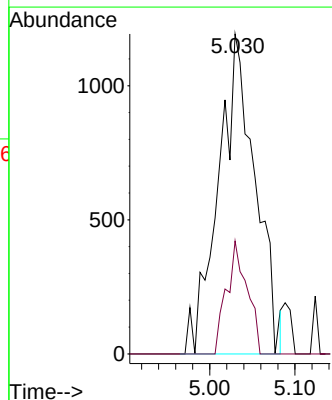
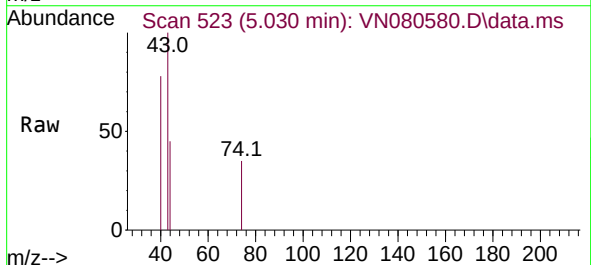
Instrument :
MSVOA_N
ClientSampleId :

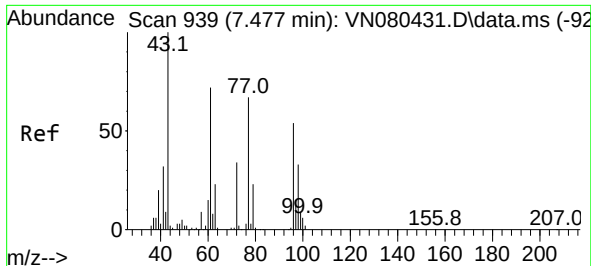
Tgt Ion: 76 Resp: 2582
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.653 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.018 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

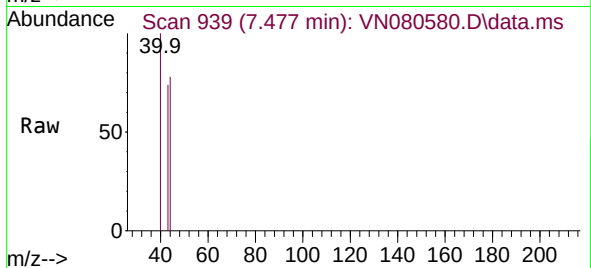
Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
74 19.7 26.2 39.4#



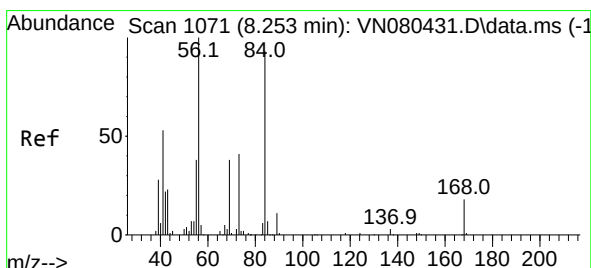
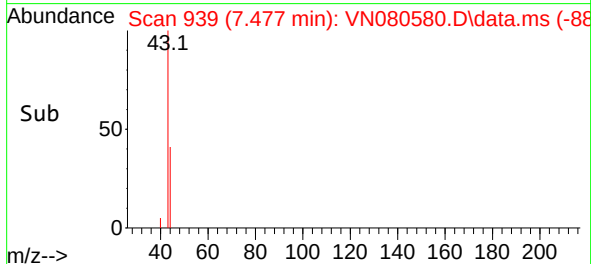
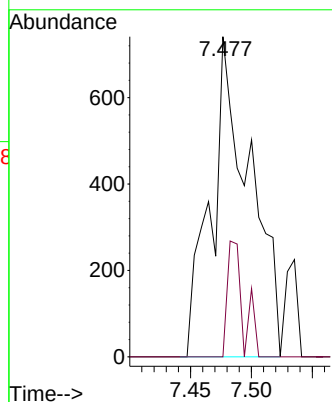


#25
2-Butanone
Concen: 1.004 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :

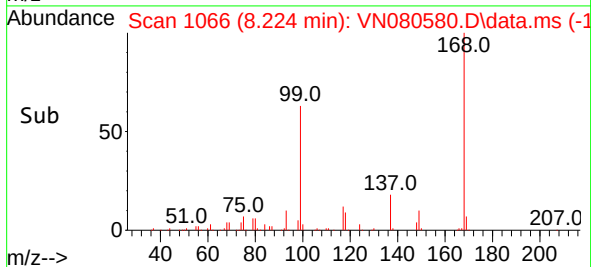
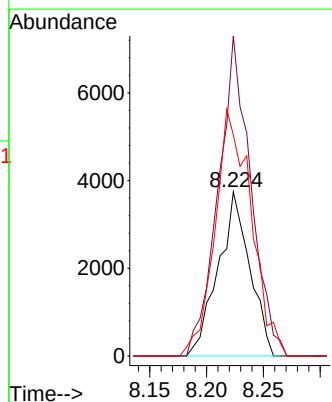
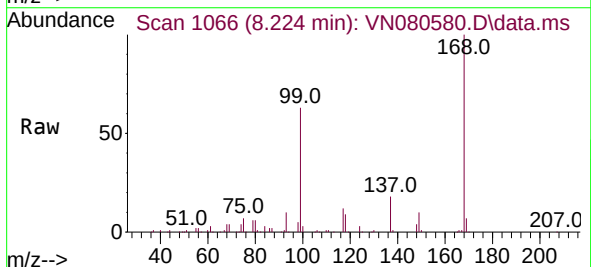


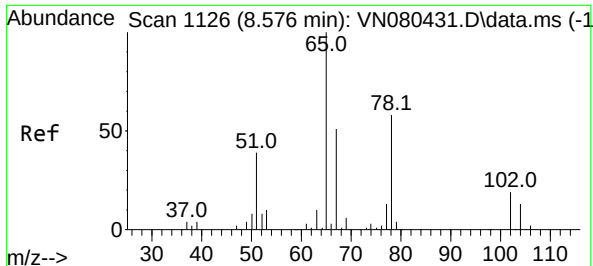
Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.110 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

Tgt Ion: 56 Resp: 7238
Ion Ratio Lower Upper
56 100
69 195.0 26.8 40.2#
84 134.7 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 57.633 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080580.D

Acq: 21 Dec 2023 17:49

Instrument :

MSVOA_N

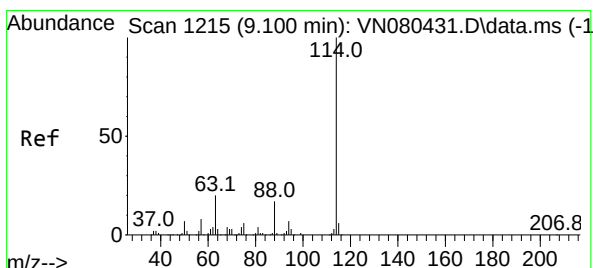
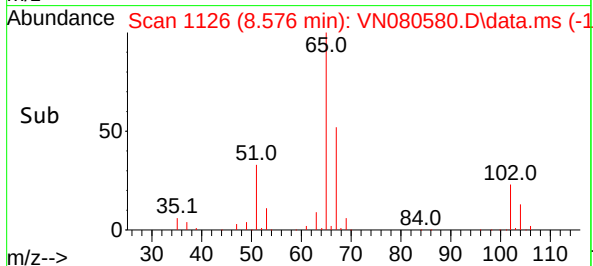
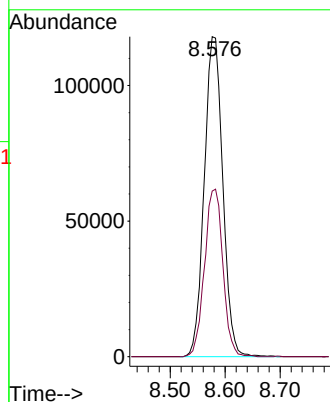
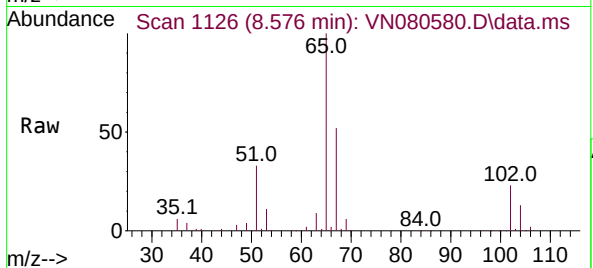
ClientSampleId :

Tgt Ion: 65 Resp: 276433

Ion Ratio Lower Upper

65 100

67 51.9 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: VN080580.D

Acq: 21 Dec 2023 17:49

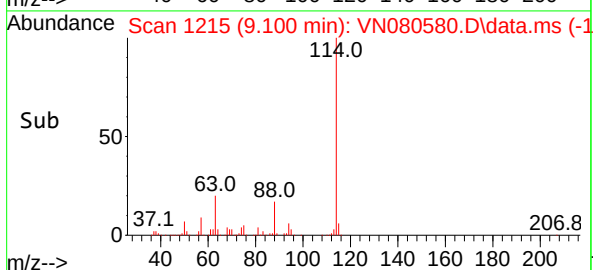
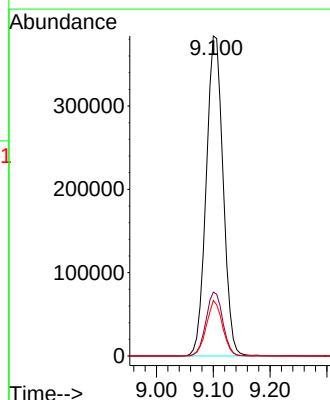
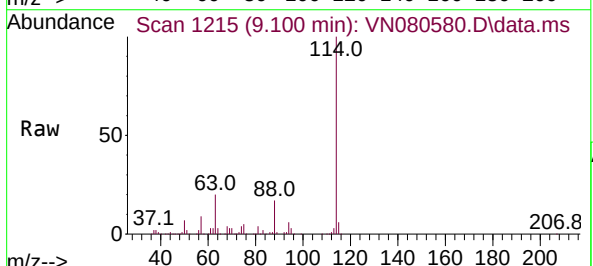
Tgt Ion: 114 Resp: 789804

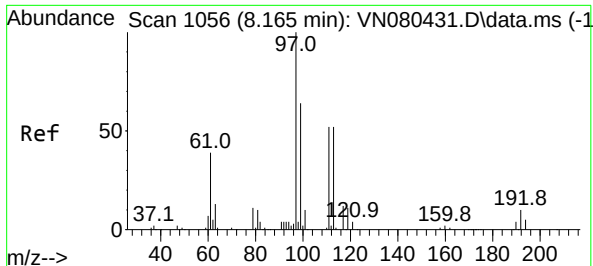
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

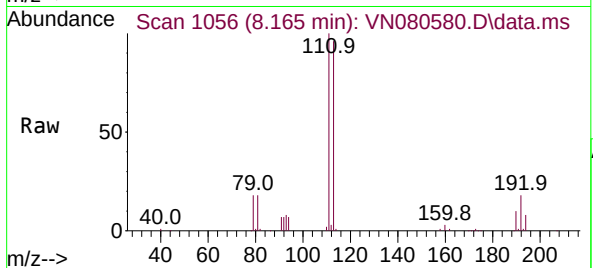
88 17.4 0.0 30.6



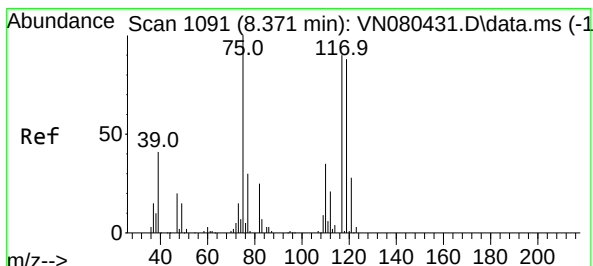
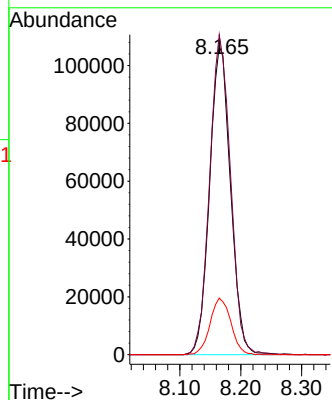
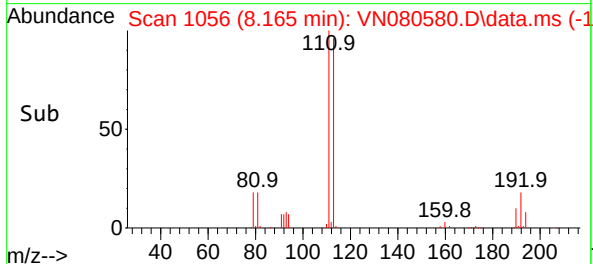


#35
Dibromofluoromethane
Concen: 50.850 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :

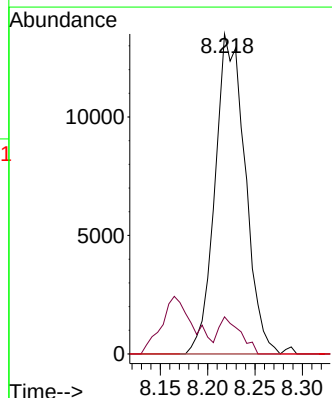
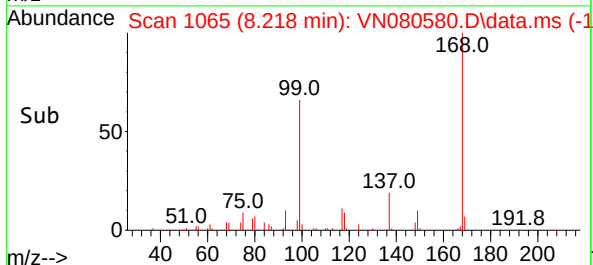
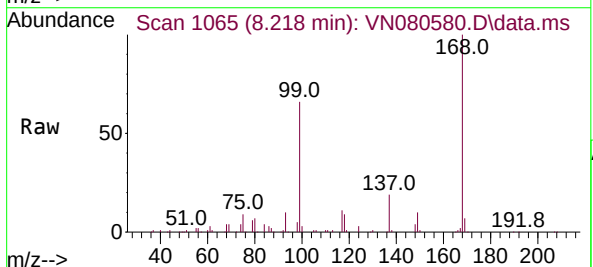


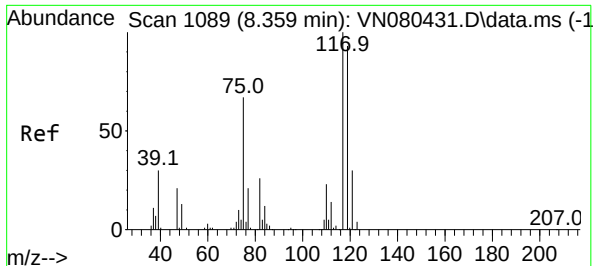
Tgt Ion:113 Resp: 254639
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 18.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 3.646 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

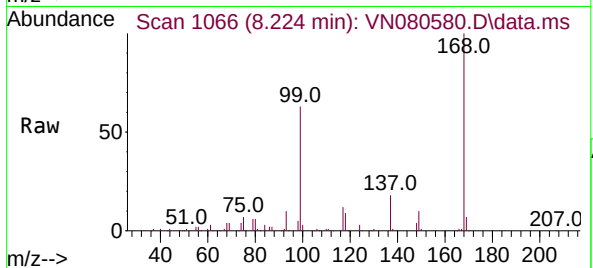
Tgt Ion: 75 Resp: 29851
Ion Ratio Lower Upper
75 100
110 8.2 19.1 57.3#
77 0.0 25.0 37.4#



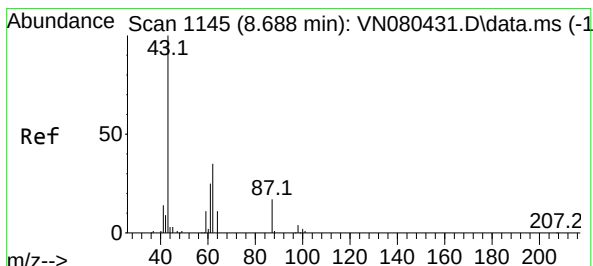
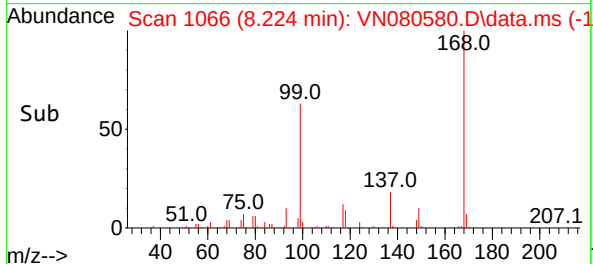
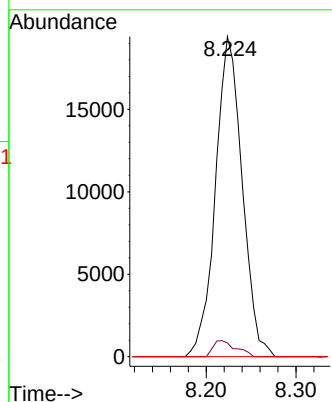


#38
Carbon Tetrachloride
Concen: 4.099 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :

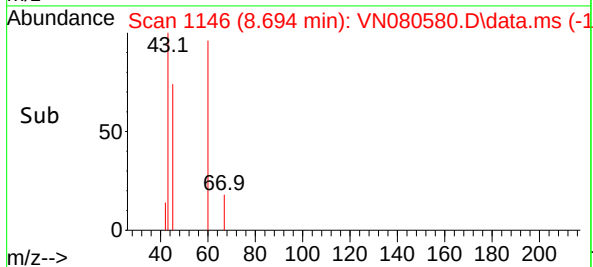
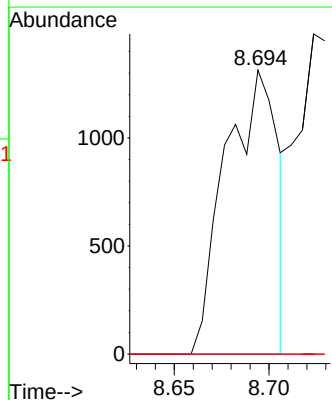
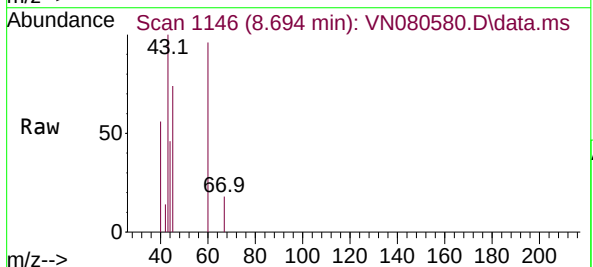


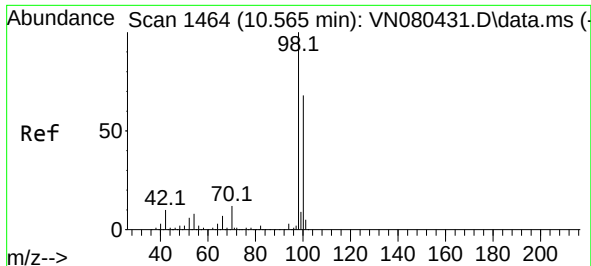
Tgt Ion:117 Resp: 40099
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.274 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

Tgt Ion: 43 Resp: 2523
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

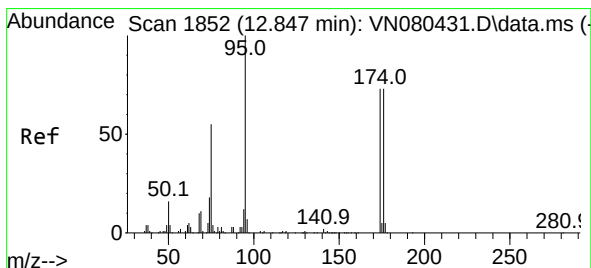
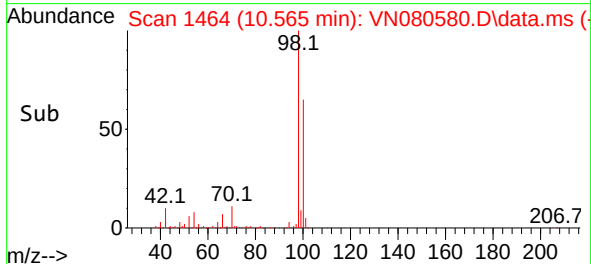
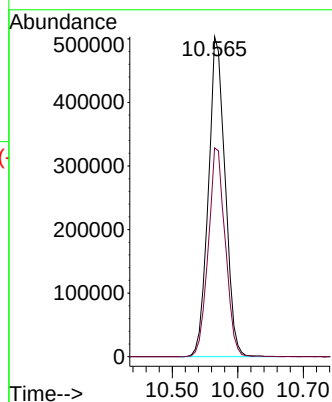
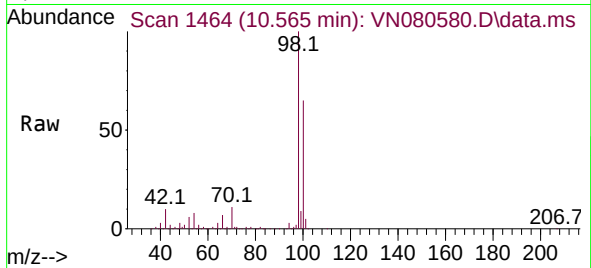




#50
Toluene-d8
Concen: 47.878 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

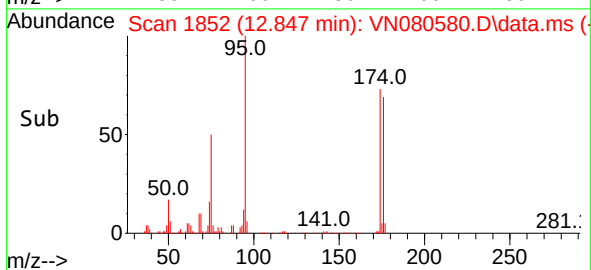
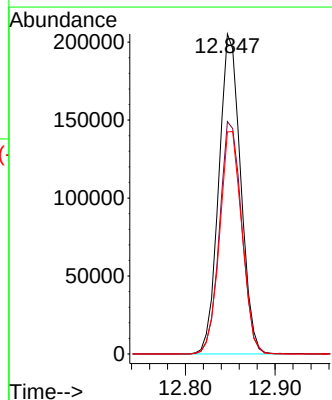
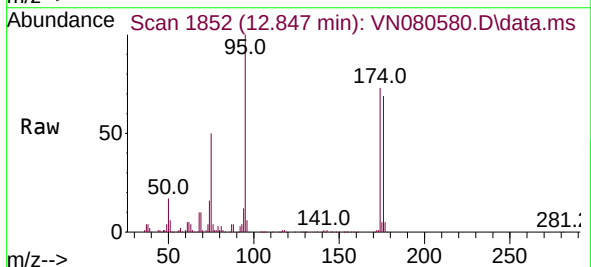
Instrument :
MSVOA_N
ClientSampleId :

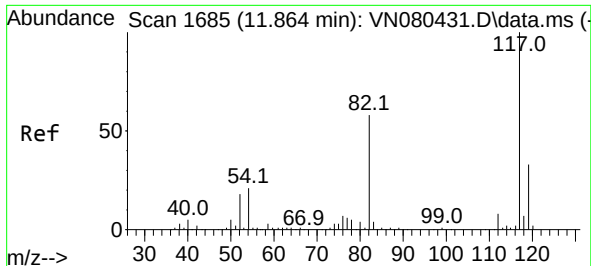
Tgt Ion: 98 Resp: 894163
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.903 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

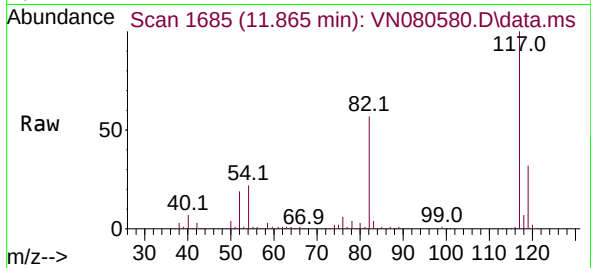
Tgt Ion: 95 Resp: 346810
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 71.1 0.0 135.8



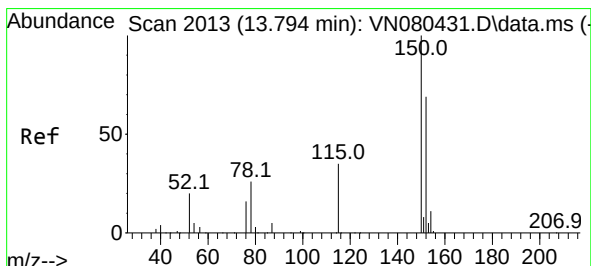
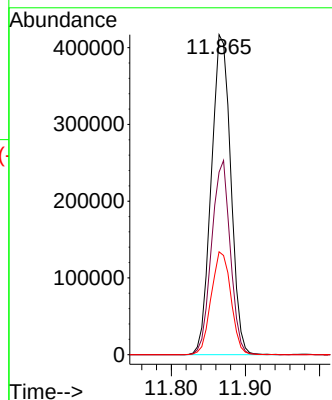
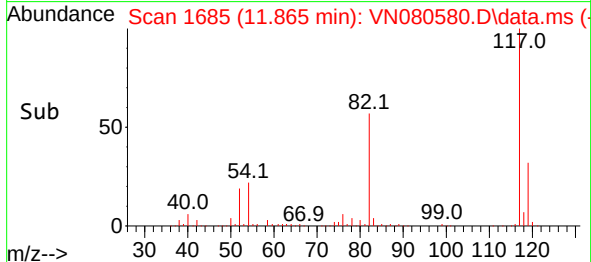


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

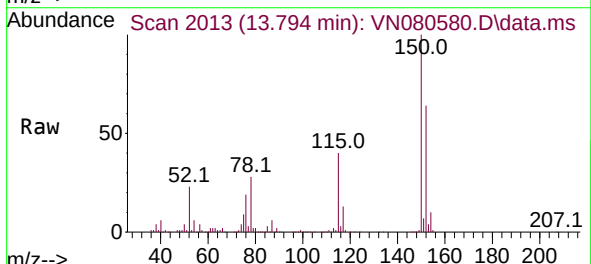
Instrument :
MSVOA_N
ClientSampleId :



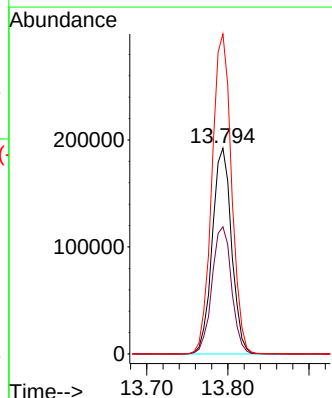
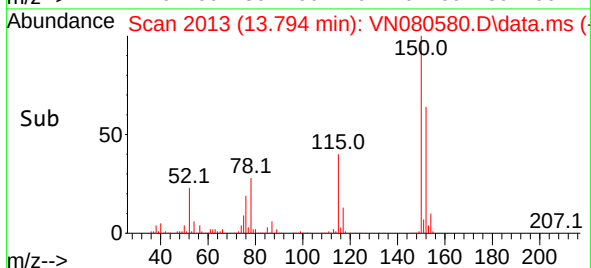
Tgt Ion:117 Resp: 760254
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.2 25.6 38.4

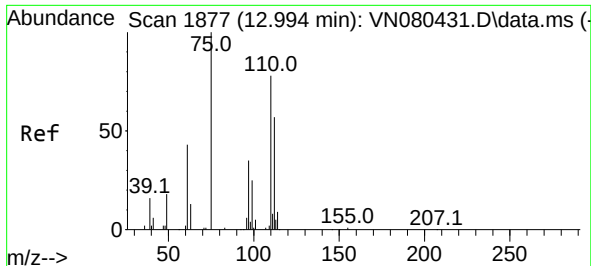


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49



Tgt Ion:152 Resp: 317359
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 157.9 0.0 355.8

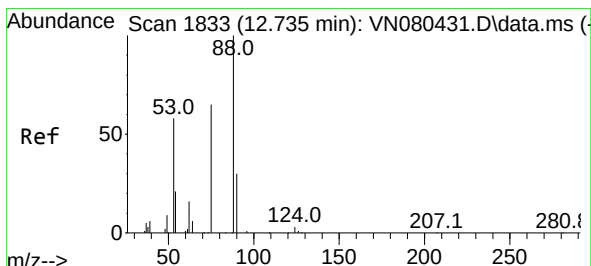
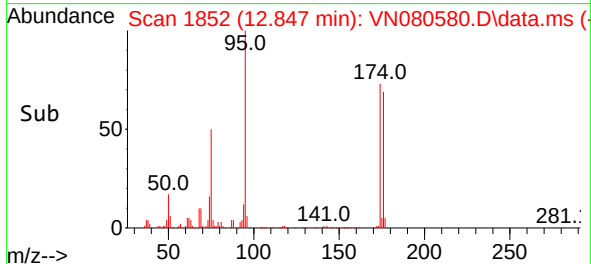
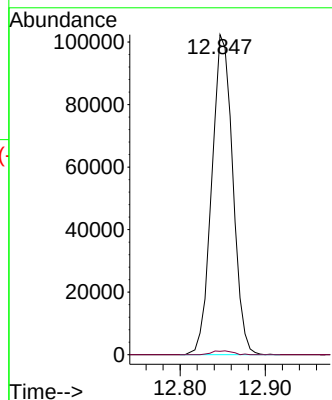
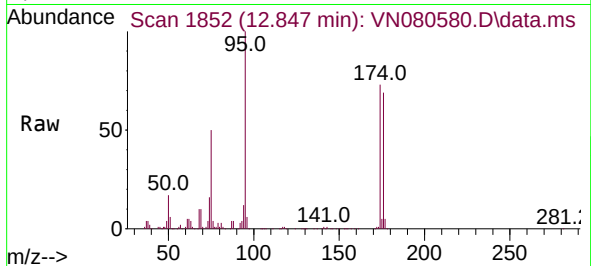




#76
1,2,3-Trichloropropane
Concen: 27.603 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 174760
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.474 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080580.D
Acq: 21 Dec 2023 17:49

Tgt Ion: 75 Resp: 174760
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

