

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080581.D
 Acq On : 21 Dec 2023 18:13
 Operator : JC\MD
 Sample : 05975-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 04:05:27 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)

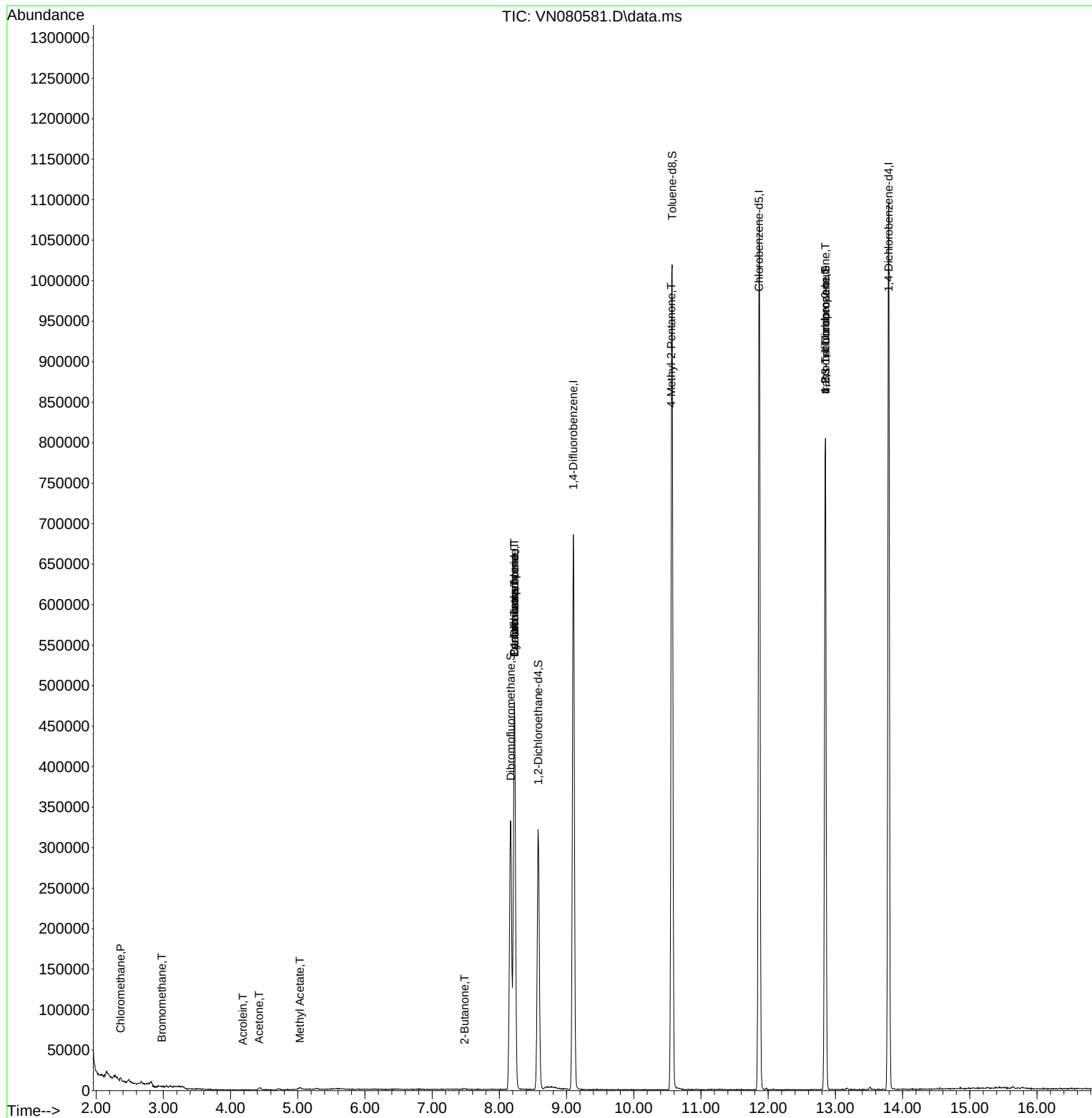
Internal Standards						
1) Pentafluorobenzene	8.224	168	355074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	604692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	650597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	297978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	256438	56.545	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.100%
35) Dibromofluoromethane	8.171	113	246760	64.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	128.720%#
50) Toluene-d8	10.571	98	741736	51.874	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.853	95	299261	55.116	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.240%
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	6928	1.067	ug/l #	84
5) Bromomethane	2.977	94	433	0.248	ug/l #	72
13) Acrolein	4.183	56	266	0.455	ug/l #	44
16) Acetone	4.424	43	3088	3.840	ug/l	92
18) Methyl Acetate	5.030	43	4314	0.834	ug/l #	72
25) 2-Butanone	7.483	43	1389	0.897	ug/l	92
31) Cyclohexane	8.224	56	7223	1.171	ug/l #	14
36) 1,1-Dichloropropene	8.224	75	29560	4.715	ug/l #	49
38) Carbon Tetrachloride	8.224	117	37868	5.055	ug/l #	15
51) 4-Methyl-2-Pentanone	10.559	43	2646	0.681	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	149120	25.085	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	149120	65.863	ug/l #	15

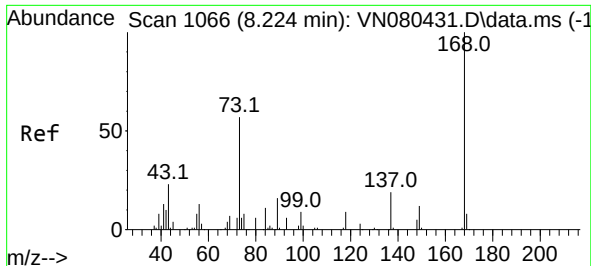
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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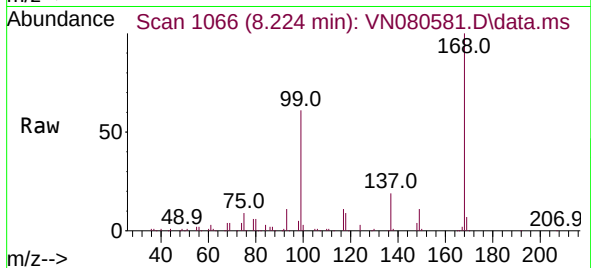
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration



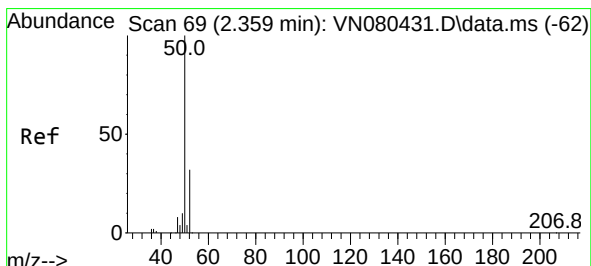
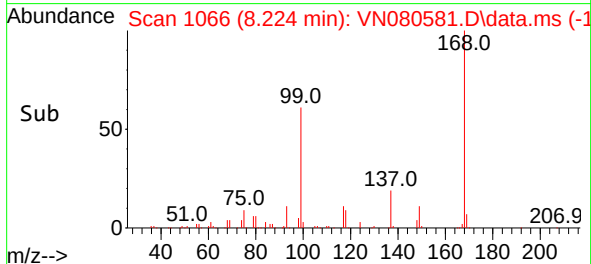
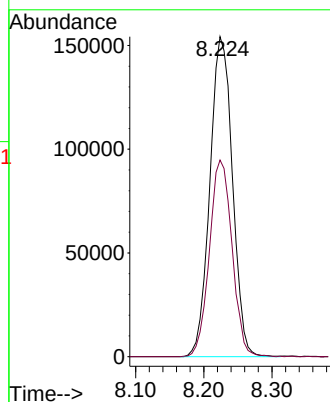


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

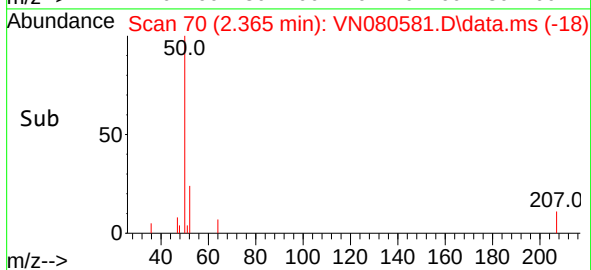
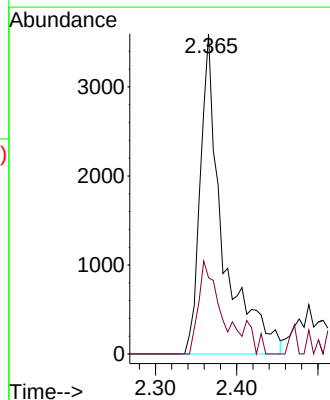
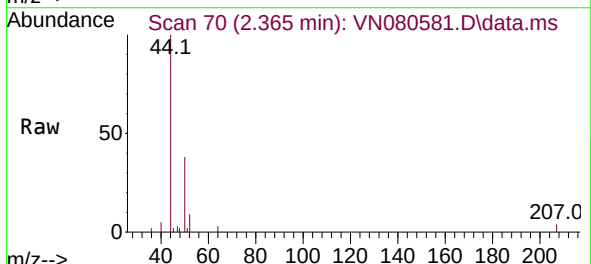


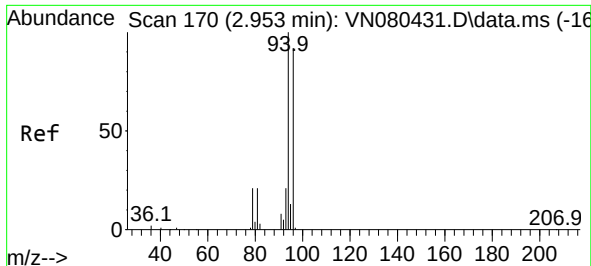
Tgt Ion:168 Resp: 355074
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#3
Chloromethane
Concen: 1.067 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Tgt Ion: 50 Resp: 6928
Ion Ratio Lower Upper
50 100
52 23.8 26.5 39.7#

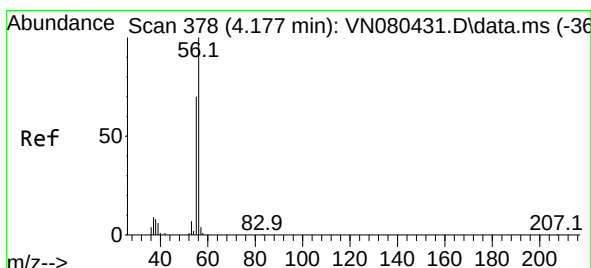
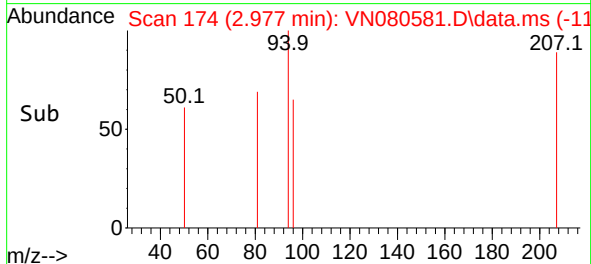
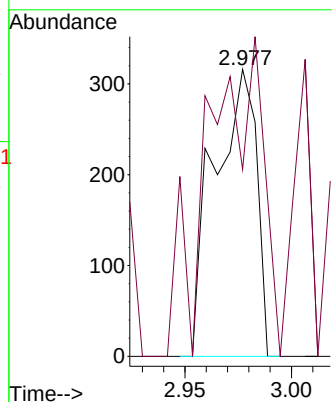
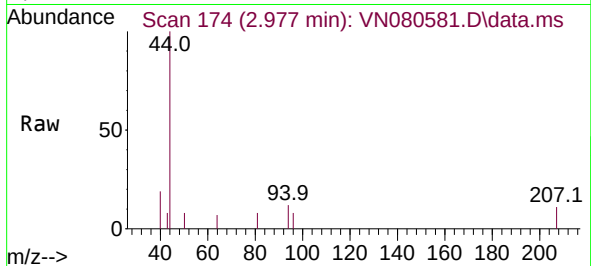




#5
Bromomethane
Concen: 0.248 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

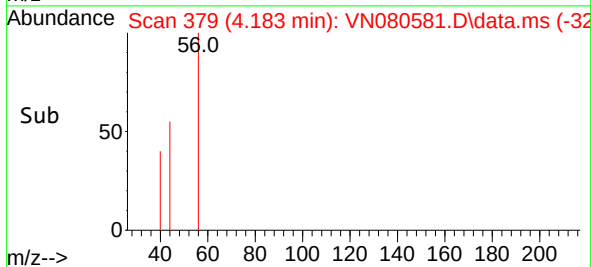
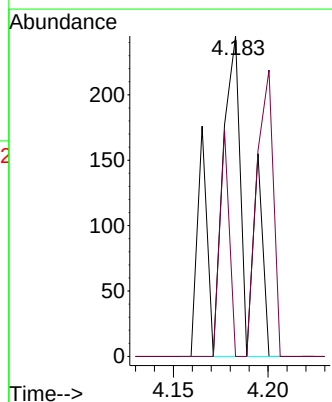
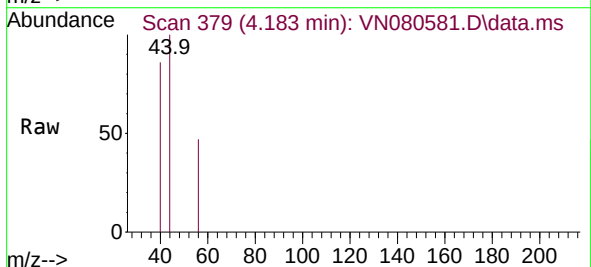
Instrument :
MSVOA_N
ClientSampleId :

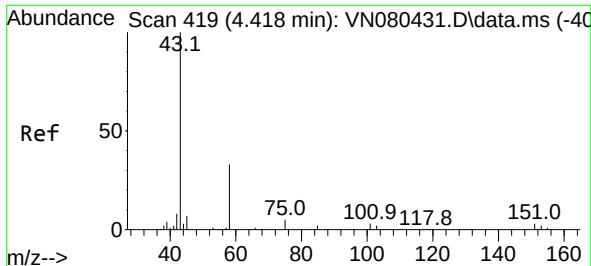
Tgt Ion: 94 Resp: 433
Ion Ratio Lower Upper
94 100
96 65.2 73.1 109.7#



#13
Acrolein
Concen: 0.455 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Tgt Ion: 56 Resp: 266
Ion Ratio Lower Upper
56 100
55 22.9 54.5 81.7#

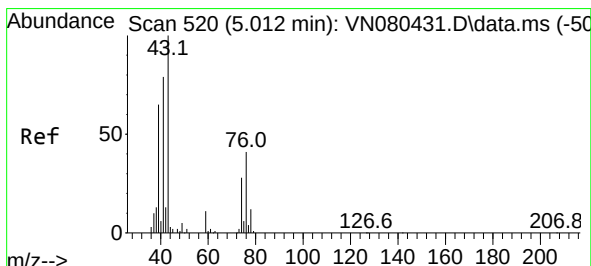
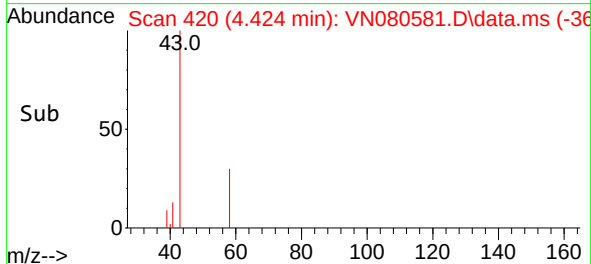
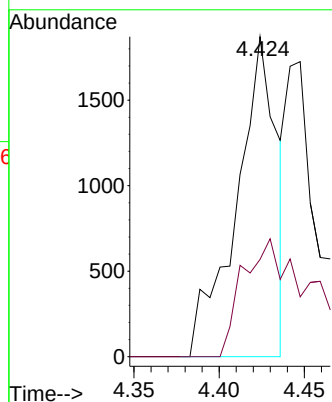
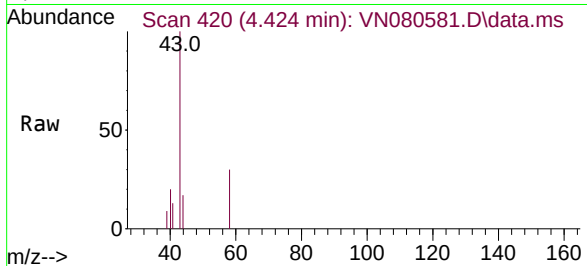




#16
Acetone
Concen: 3.840 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

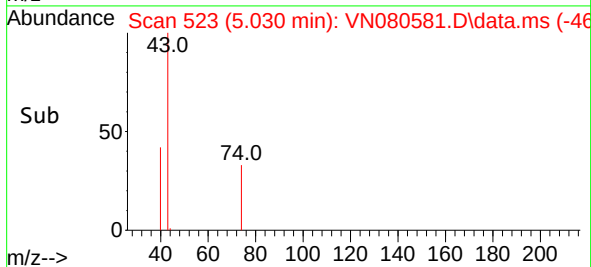
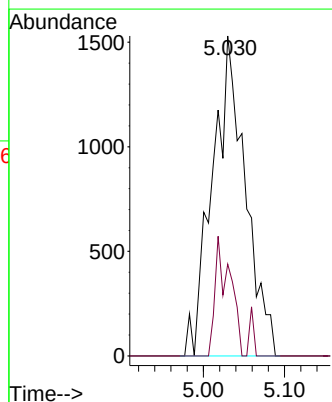
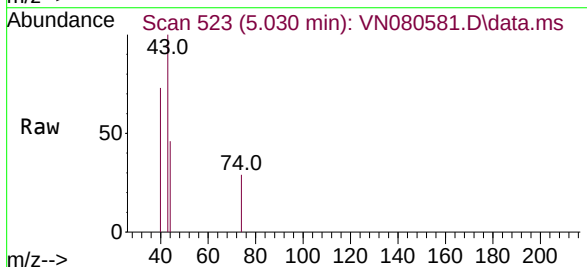
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MSVOA_N
ClientSampleId :

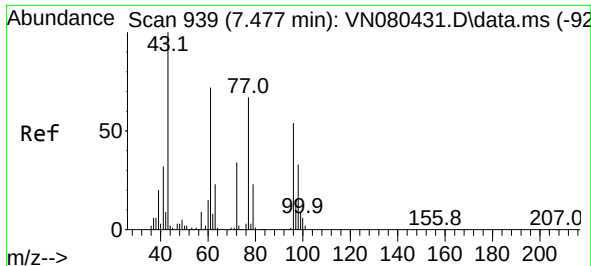
Tgt Ion: 43 Resp: 3088
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0



#18
Methyl Acetate
Concen: 0.834 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.018 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

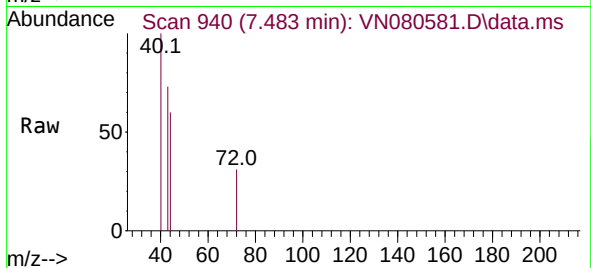
Tgt Ion: 43 Resp: 4314
Ion Ratio Lower Upper
43 100
74 17.0 26.2 39.4#



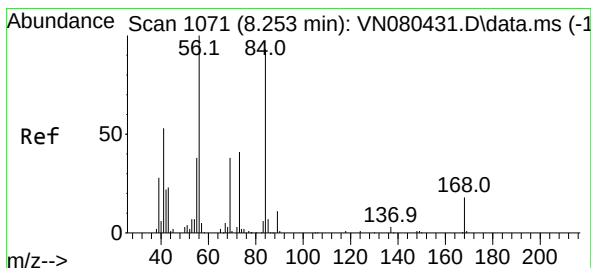
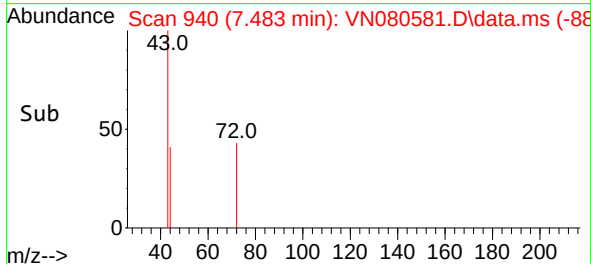
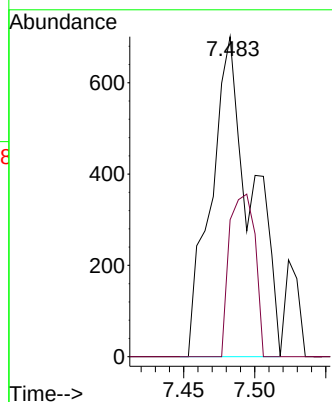


#25
2-Butanone
Concen: 0.897 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

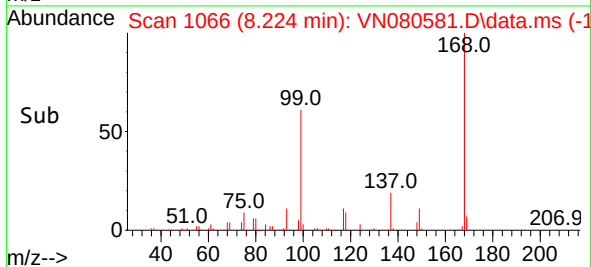
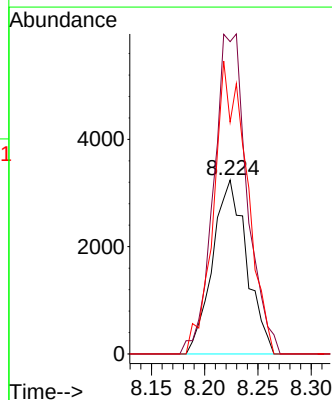
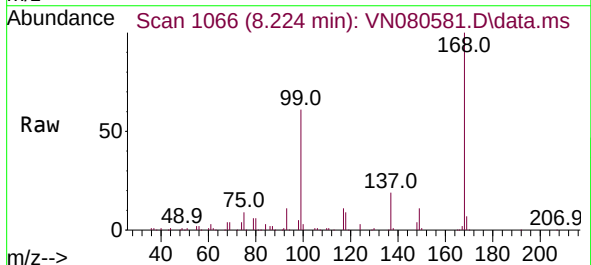


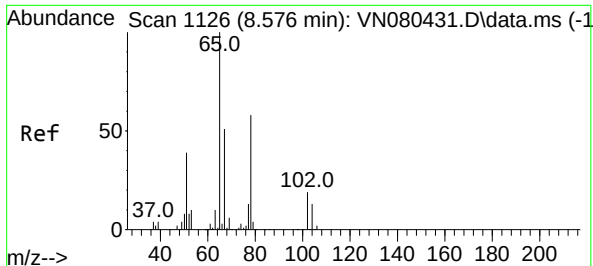
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
72 42.8 30.2 45.2



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Tgt Ion: 56 Resp: 7223
Ion Ratio Lower Upper
56 100
69 179.5 26.8 40.2#
84 133.2 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 56.545 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080581.D

Acq: 21 Dec 2023 18:13

Instrument :

MSVOA_N

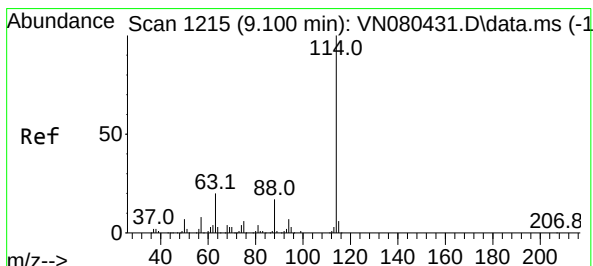
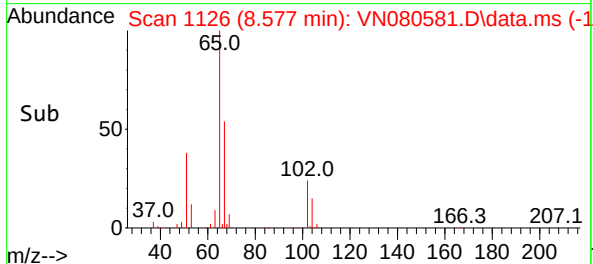
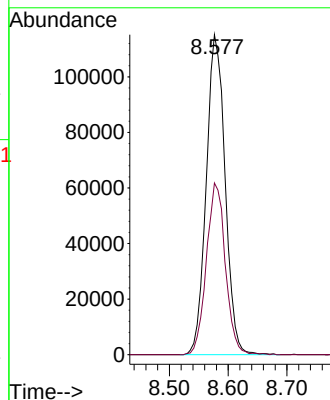
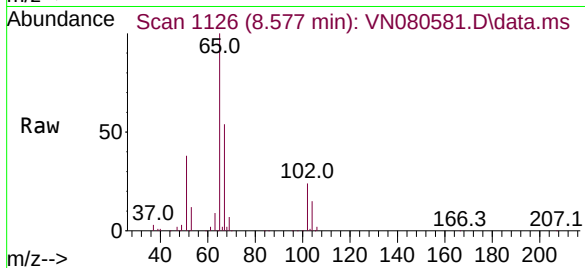
ClientSampleId :

Tgt Ion: 65 Resp: 256438

Ion Ratio Lower Upper

65 100

67 54.0 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: VN080581.D

Acq: 21 Dec 2023 18:13

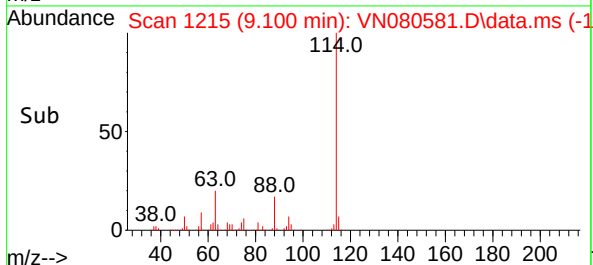
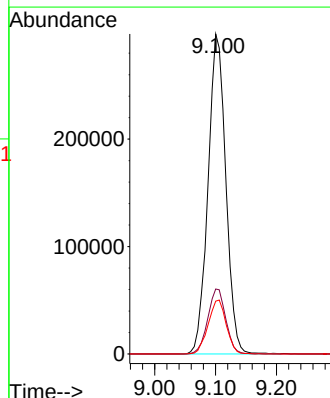
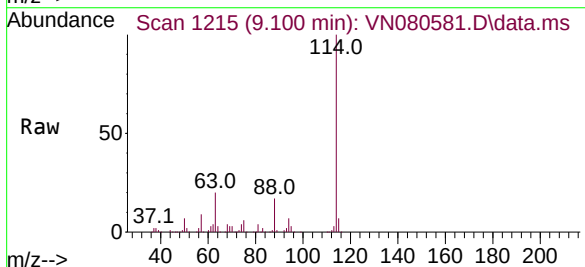
Tgt Ion: 114 Resp: 604692

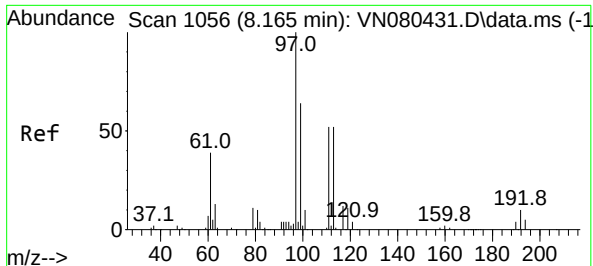
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 64.361 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

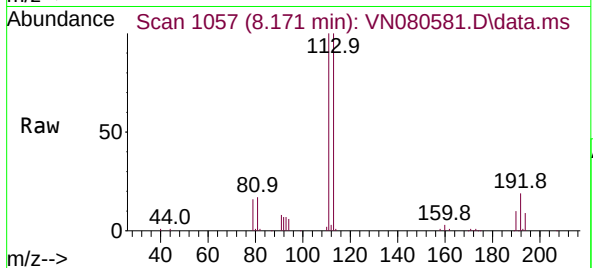
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Acq: 21 Dec 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :



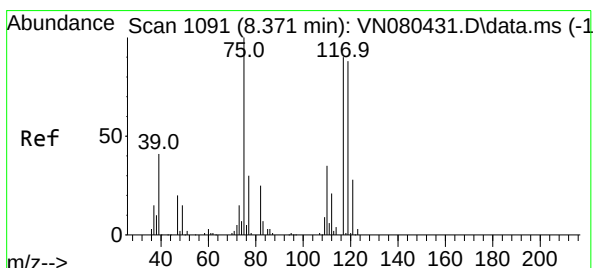
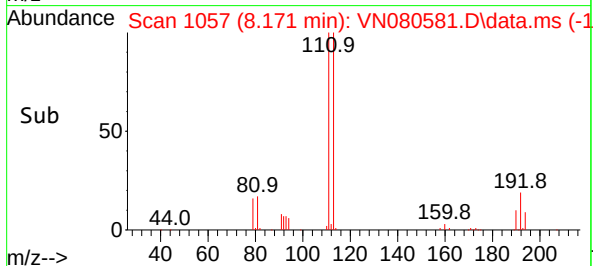
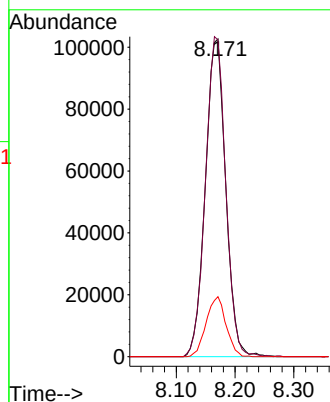
Tgt Ion:113 Resp: 246760

Ion Ratio Lower Upper

113 100

111 100.3 82.6 123.8

192 18.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.715 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN080581.D

Acq: 21 Dec 2023 18:13

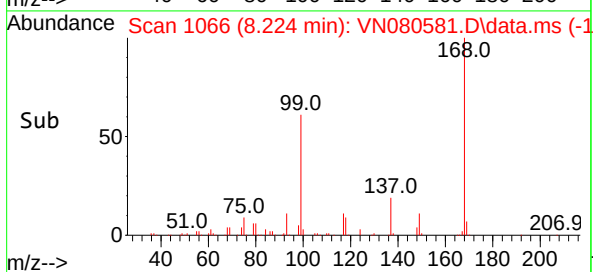
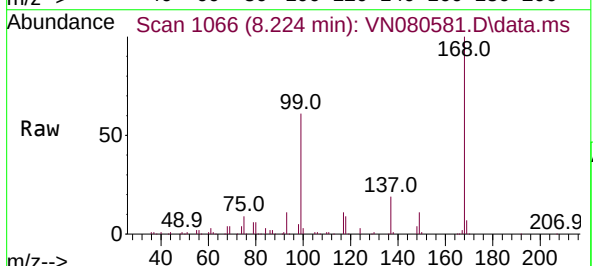
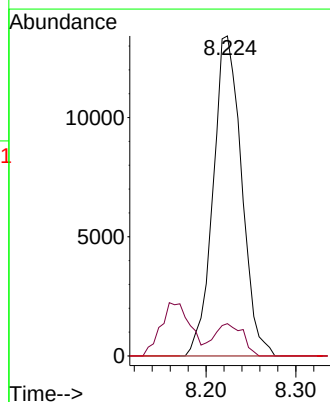
Tgt Ion: 75 Resp: 29560

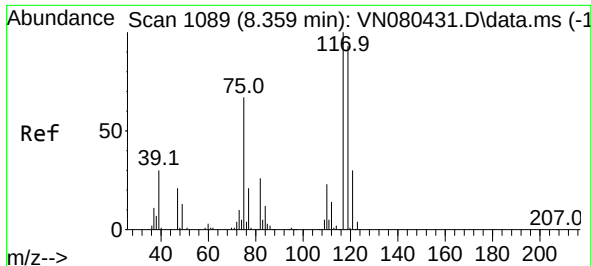
Ion Ratio Lower Upper

75 100

110 9.8 19.1 57.3#

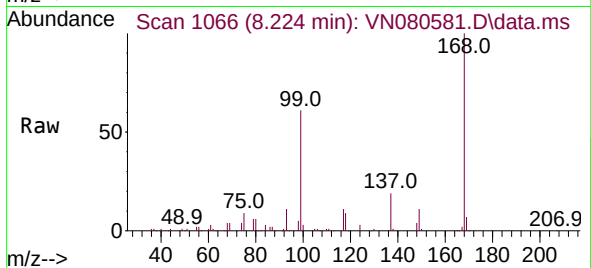
77 0.0 25.0 37.4#



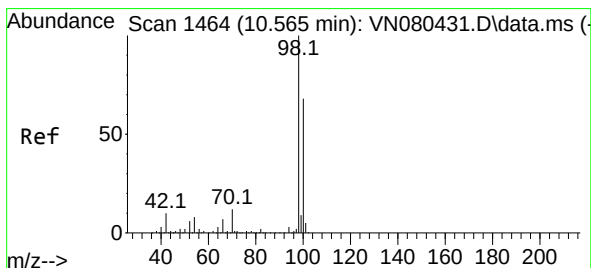
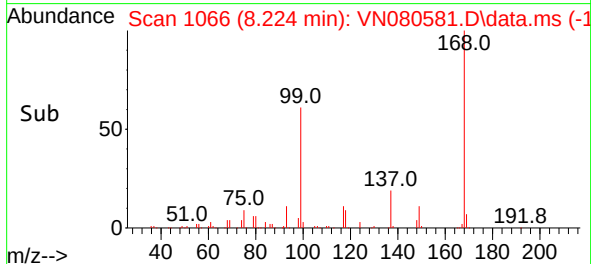
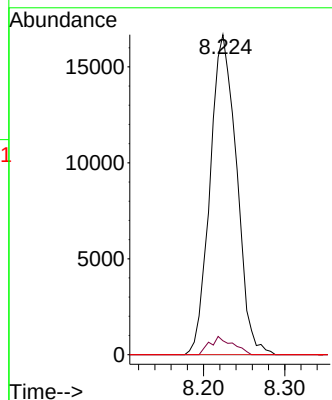


#38
Carbon Tetrachloride
Concen: 5.055 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

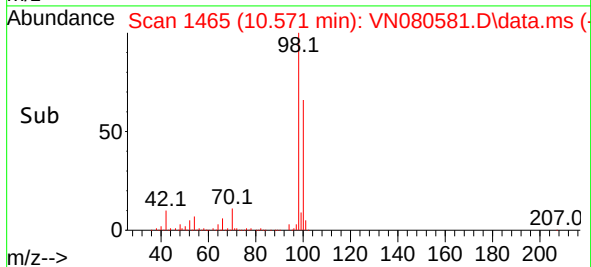
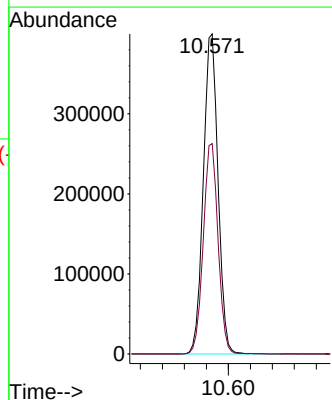
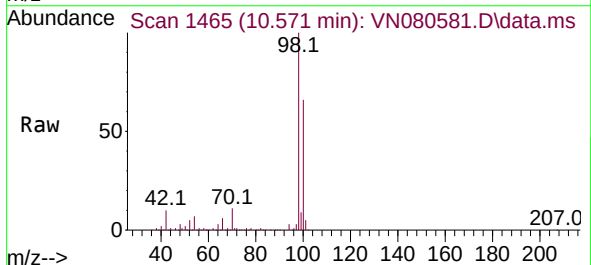


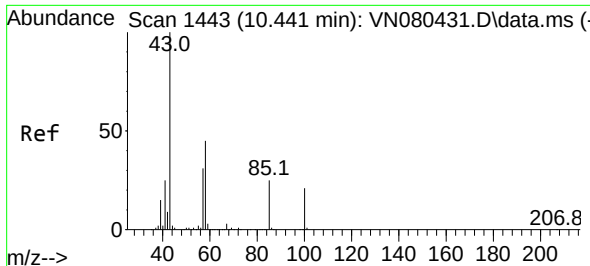
Tgt Ion:117 Resp: 37868
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 51.874 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Tgt Ion: 98 Resp: 741736
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

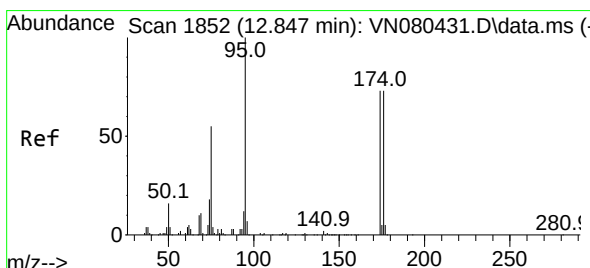
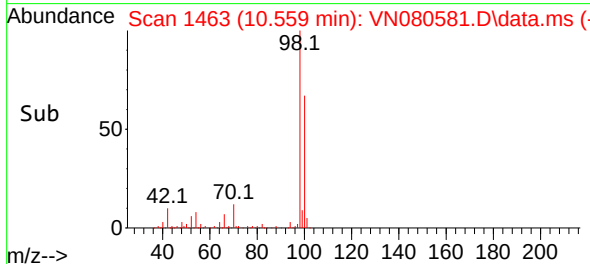
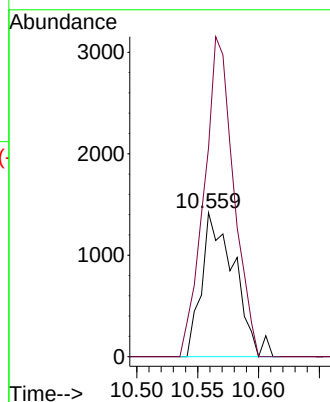
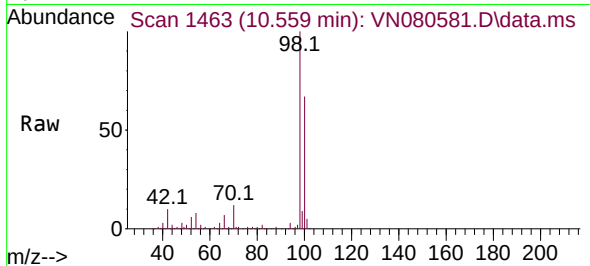




#51
4-Methyl-2-Pentanone
Concen: 0.681 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

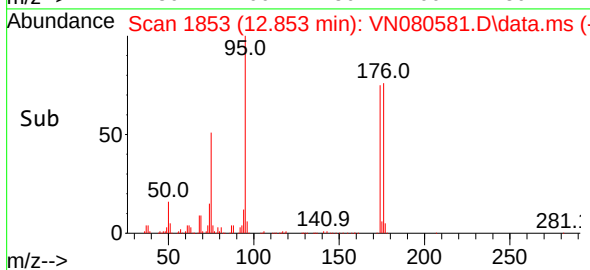
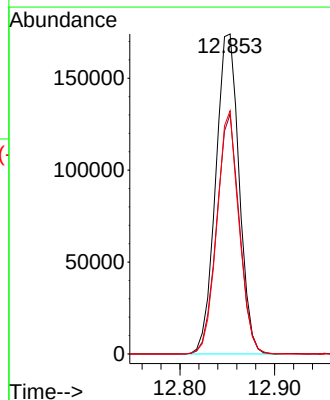
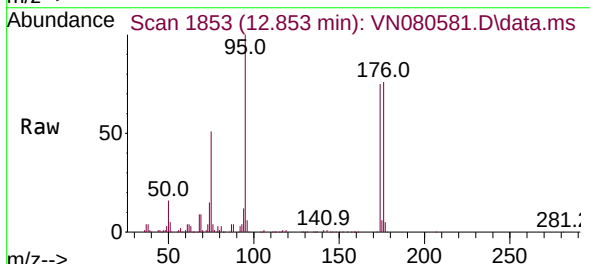
Instrument :
MSVOA_N
ClientSampleId :

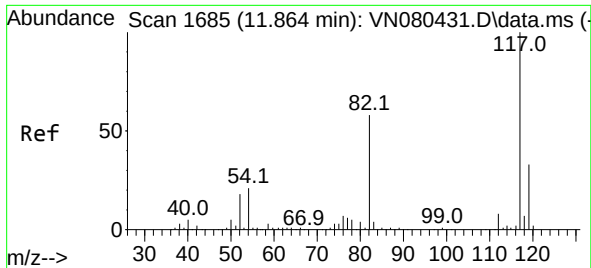
Tgt Ion: 43 Resp: 2646
Ion Ratio Lower Upper
43 100
58 202.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 55.116 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Tgt Ion: 95 Resp: 299261
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 71.7 0.0 135.8

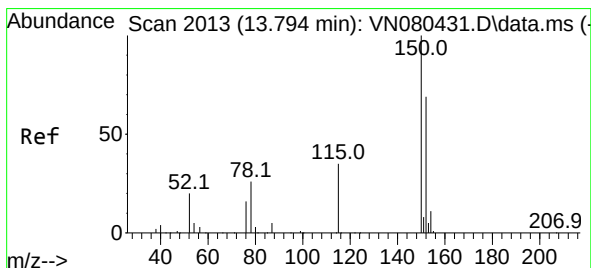
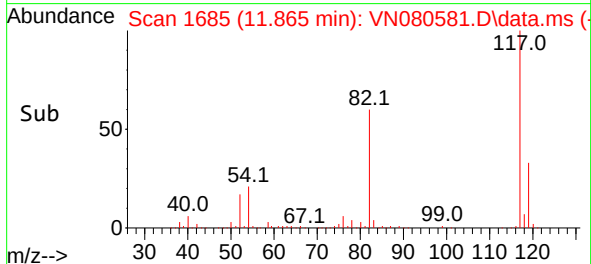
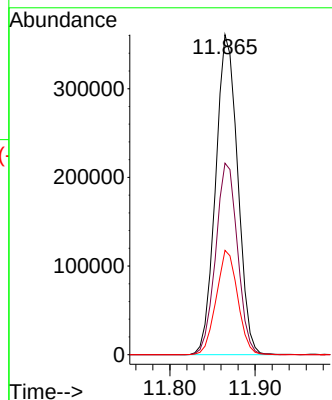
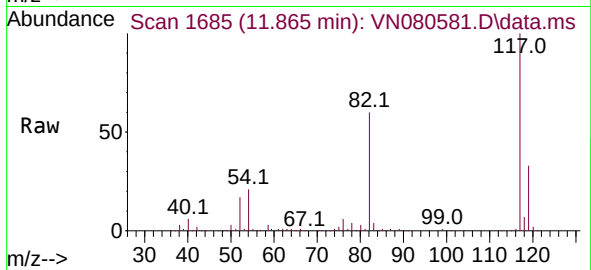




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

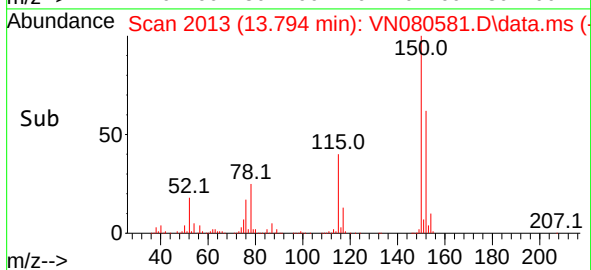
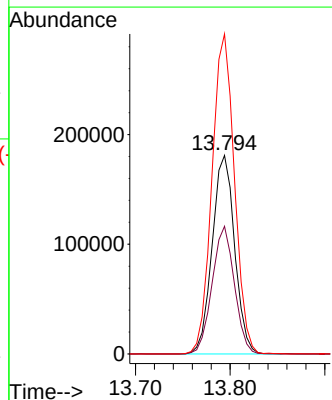
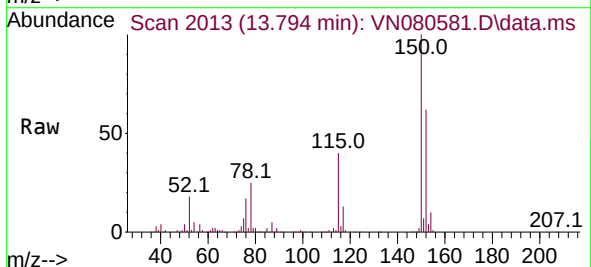
Instrument :
MSVOA_N
ClientSampleId :

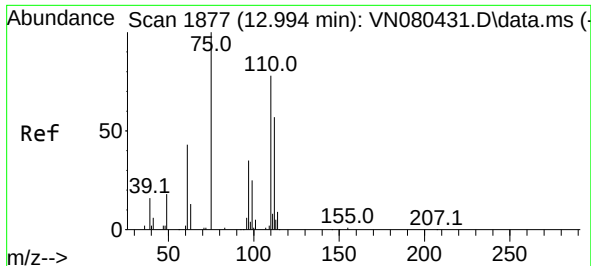
Tgt Ion:117 Resp: 650597
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Tgt Ion:152 Resp: 297978
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 161.0 0.0 355.8

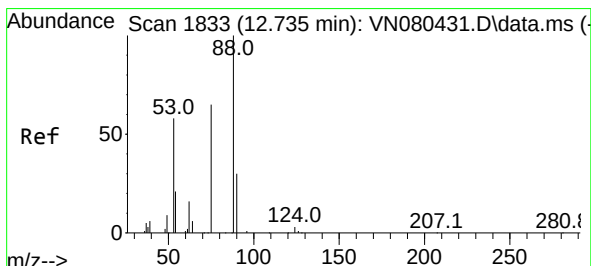
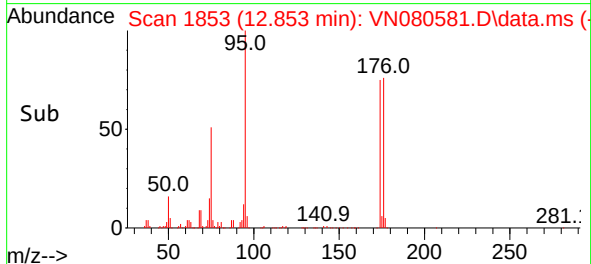
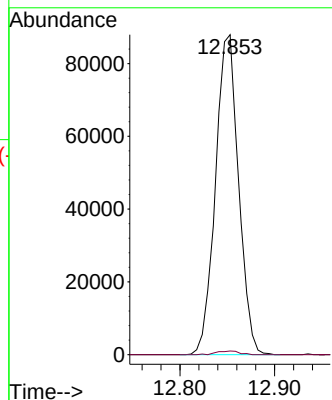
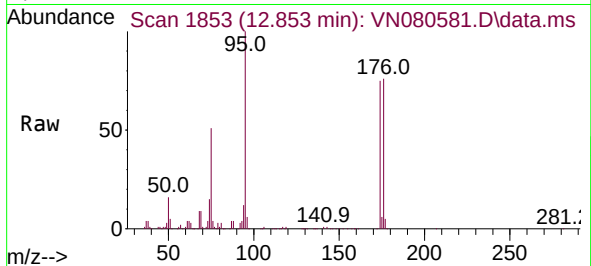




#76
1,2,3-Trichloropropane
Concen: 25.085 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 149120
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.863 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080581.D
Acq: 21 Dec 2023 18:13

Tgt Ion: 75 Resp: 149120
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

