

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080583.D
 Acq On : 21 Dec 2023 19:01
 Operator : JC\MD
 Sample : 05975-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 04:06:11 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

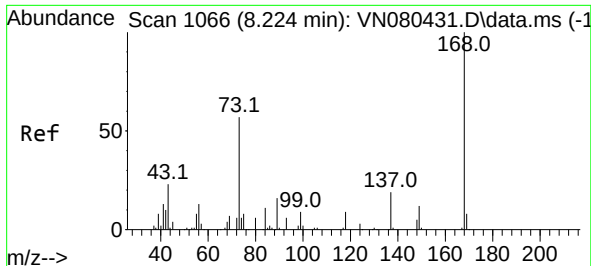
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	365471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	760666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	717074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	352665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249648	53.482	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.960%	
35) Dibromofluoromethane	8.171	113	238838	49.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.040%	
50) Toluene-d8	10.571	98	852496	47.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.800%	
62) 4-Bromofluorobenzene	12.853	95	329793	48.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	6548	0.946	ug/l #	84
6) Chloroethane	3.153	64	699	0.273	ug/l #	43
11) Tert butyl alcohol	5.506	59	1460	2.656	ug/l #	72
13) Acrolein	4.171	56	554	0.920	ug/l	97
16) Acetone	4.430	43	4513	5.453	ug/l #	86
18) Methyl Acetate	5.024	43	5629	1.057	ug/l #	76
20) Methylene Chloride	5.283	84	2628	0.593	ug/l #	85
26) 2,2-Dichloropropane	7.430	77	1500	0.200	ug/l #	53
31) Cyclohexane	8.230	56	7057	1.112	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	29524	3.744	ug/l #	48
38) Carbon Tetrachloride	8.224	117	38345	4.069	ug/l #	16
43) Isopropyl Acetate	8.700	43	2653	0.299	ug/l #	49
51) 4-Methyl-2-Pentanone	10.571	43	3746	0.766	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	160681	22.838	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	160681	59.964	ug/l #	15

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

Quant Time: Dec 22 04:06:11 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

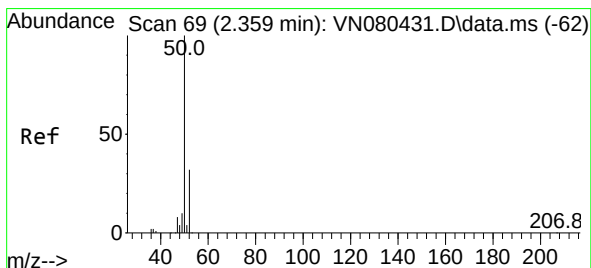
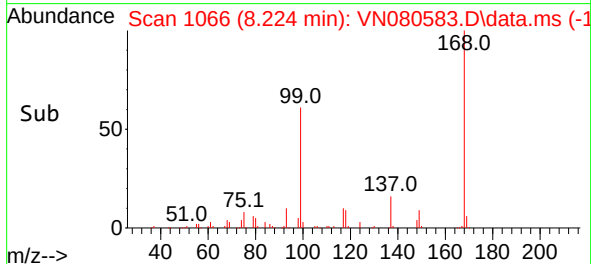
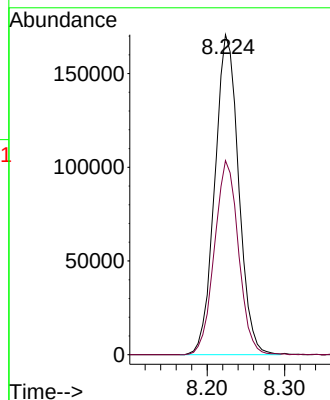
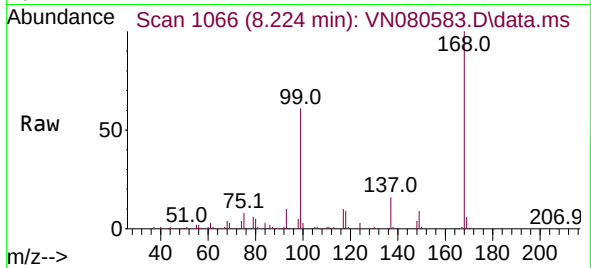




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

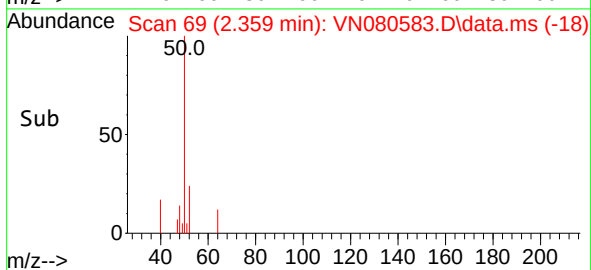
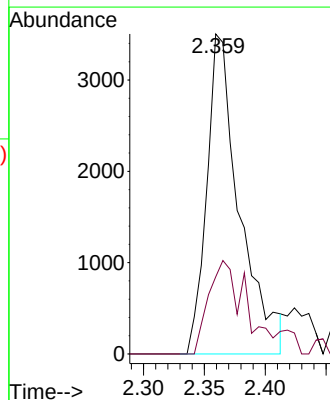
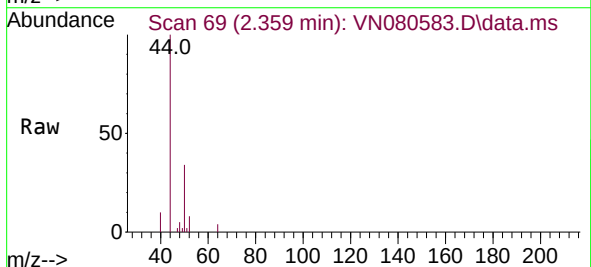
Instrument :
MSVOA_N
ClientSampleId :

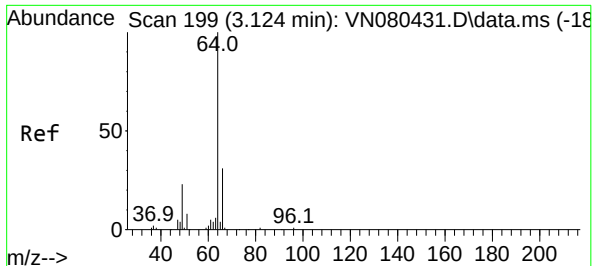
Tgt Ion:168 Resp: 365471
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#3
Chloromethane
Concen: 0.946 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

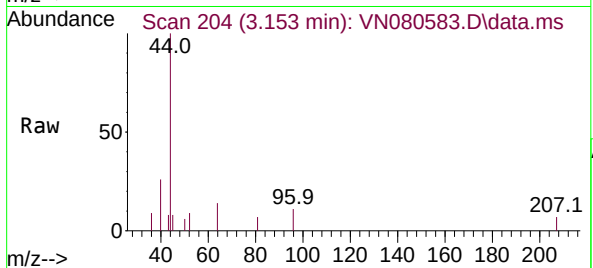
Tgt Ion: 50 Resp: 6548
Ion Ratio Lower Upper
50 100
52 24.1 26.5 39.7#



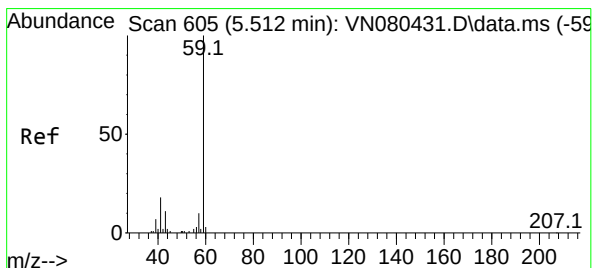
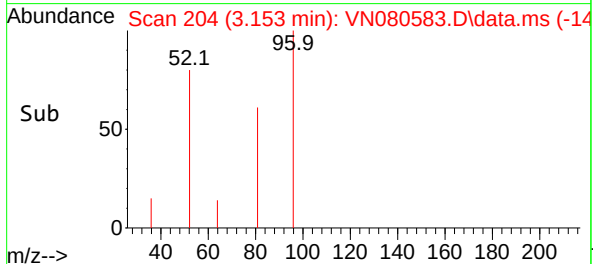
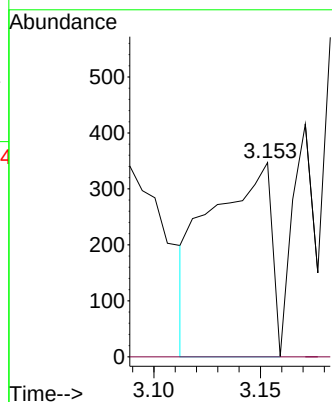


#6
Chloroethane
Concen: 0.273 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.029 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

Instrument :
MSVOA_N
ClientSampleId :

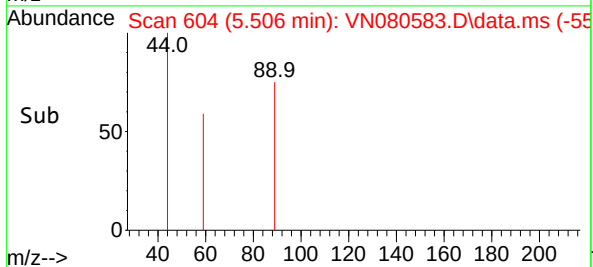
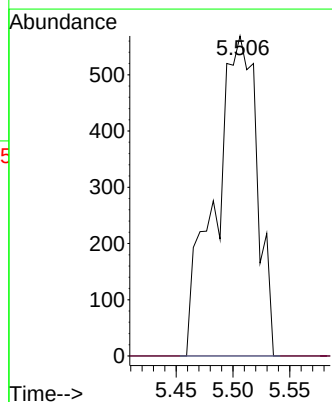
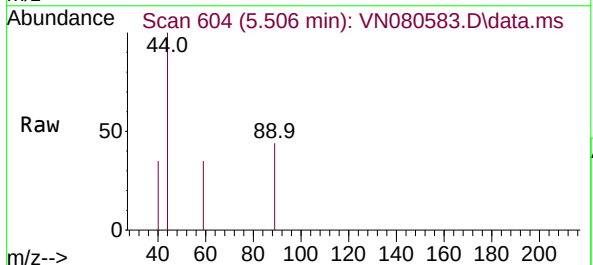


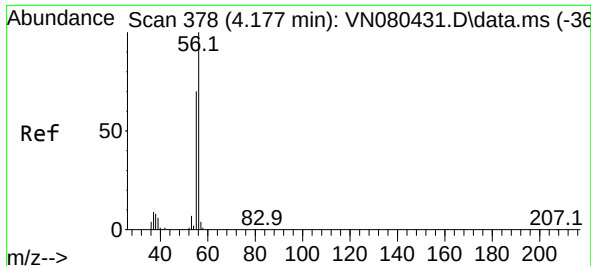
Tgt Ion: 64 Resp: 699
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 2.656 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

Tgt Ion: 59 Resp: 1460
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

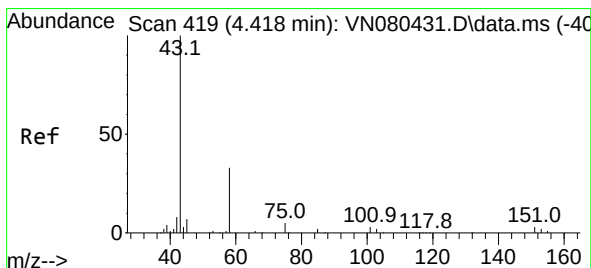
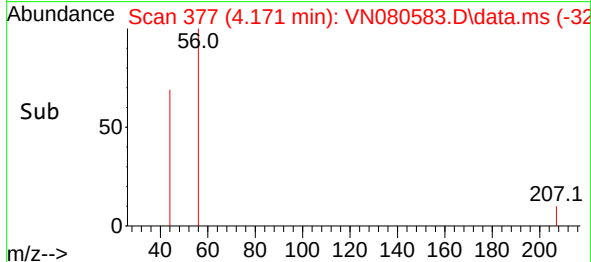
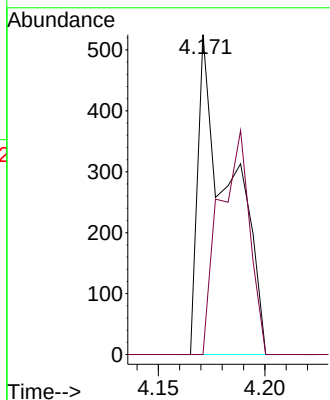
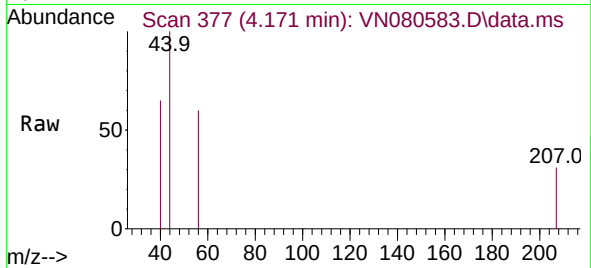




#13
Acrolein
Concen: 0.920 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

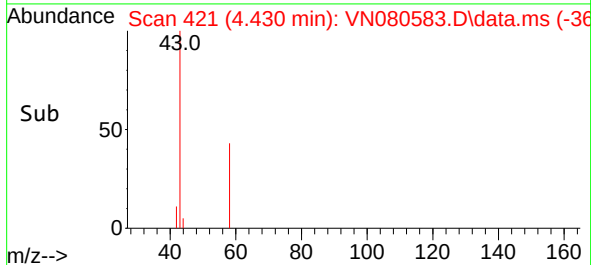
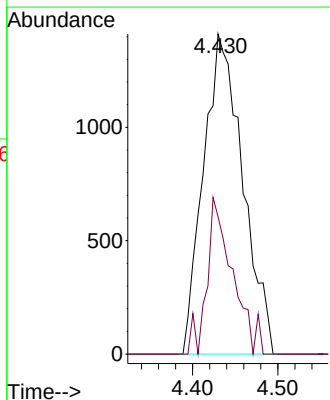
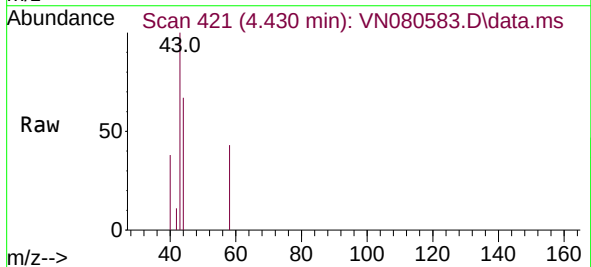
Instrument :
MSVOA_N
ClientSampleId :

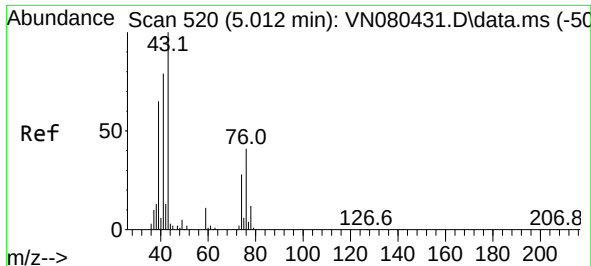
Tgt Ion: 56 Resp: 554
Ion Ratio Lower Upper
56 100
55 65.3 54.5 81.7



#16
Acetone
Concen: 5.453 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
58 42.9 28.0 42.0#





#18

Methyl Acetate

Concen: 1.057 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.012 min

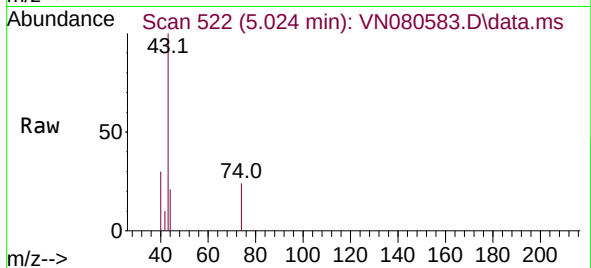
Lab File: VN080583.D

Acq: 21 Dec 2023 19:01

Instrument :

MSVOA_N

ClientSampleId :

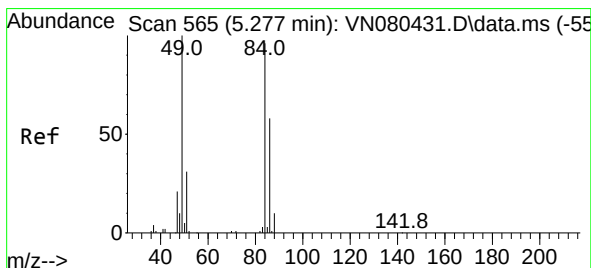
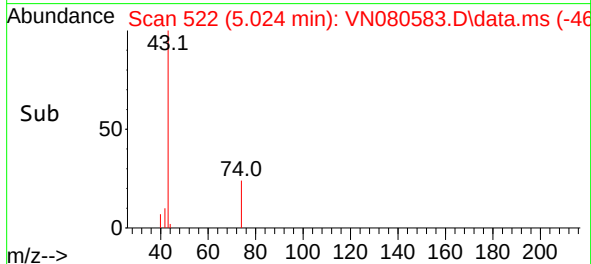
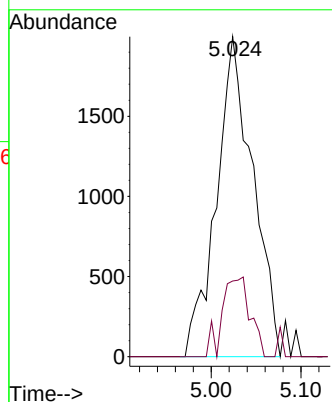


Tgt Ion: 43 Resp: 5629

Ion Ratio Lower Upper

43 100

74 19.1 26.2 39.4#



#20

Methylene Chloride

Concen: 0.593 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN080583.D

Acq: 21 Dec 2023 19:01

Tgt Ion: 84 Resp: 2628

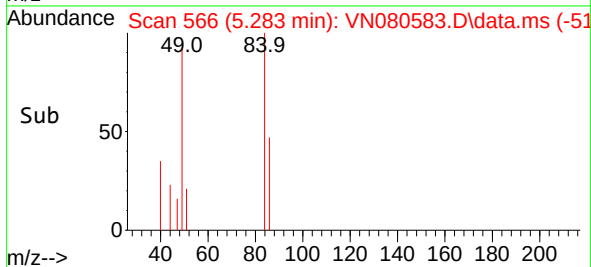
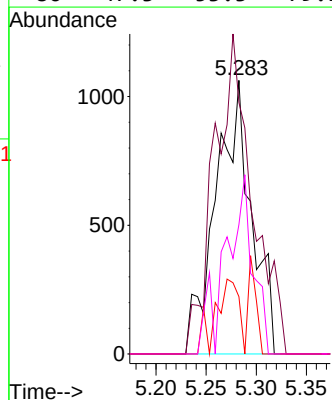
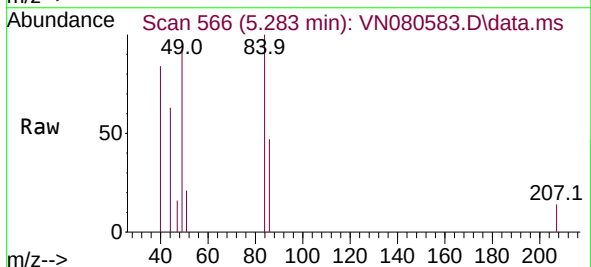
Ion Ratio Lower Upper

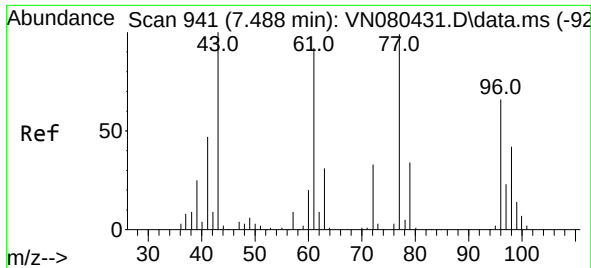
84 100

49 91.9 79.7 119.5

51 21.0 25.2 37.8#

86 47.3 53.3 79.9#

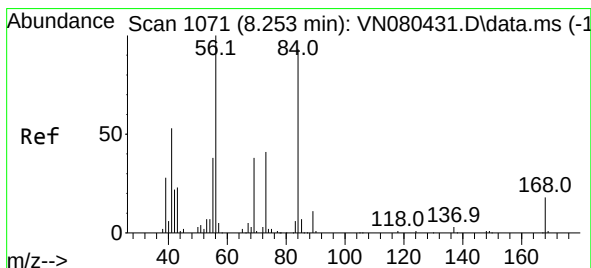
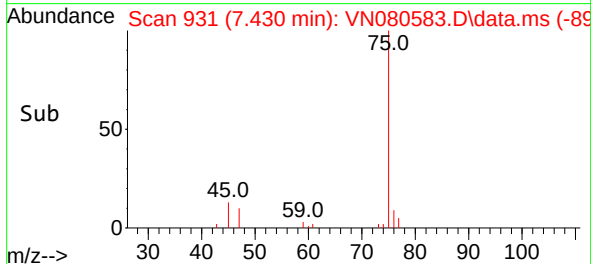
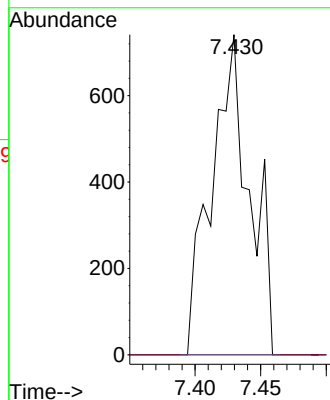
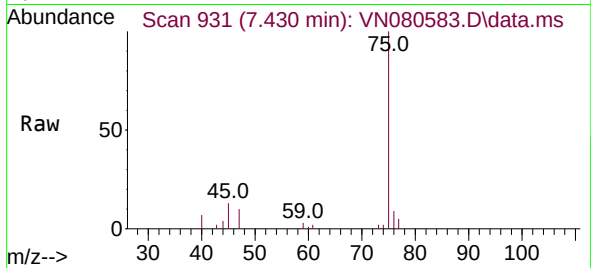




#26
2,2-Dichloropropane
Concen: 0.200 ug/l
RT: 7.430 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

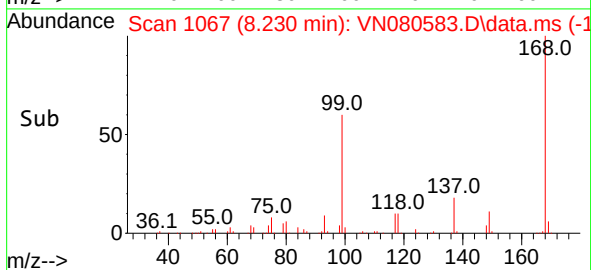
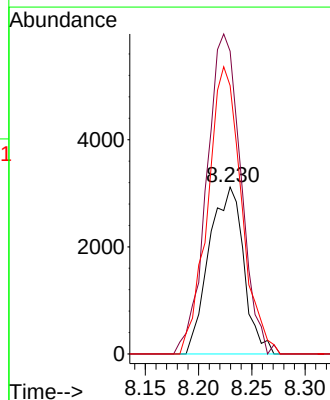
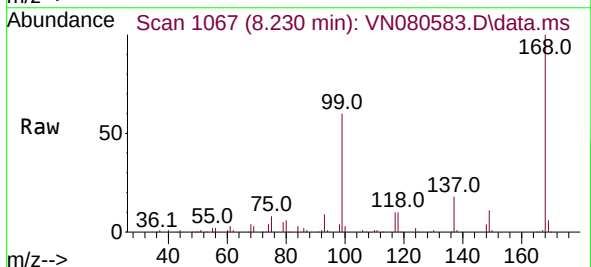
Instrument :
MSVOA_N
ClientSampleId :

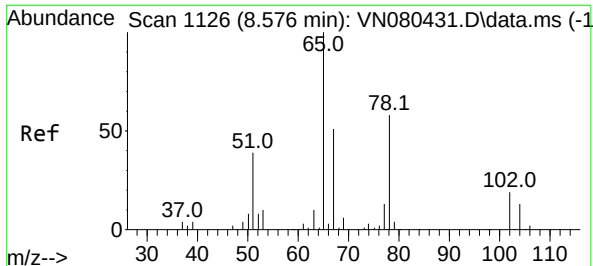
Tgt Ion: 77 Resp: 1500
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

Tgt Ion: 56 Resp: 7057
Ion Ratio Lower Upper
56 100
69 181.3 26.8 40.2#
84 160.7 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 53.482 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080583.D

Acq: 21 Dec 2023 19:01

Instrument :

MSVOA_N

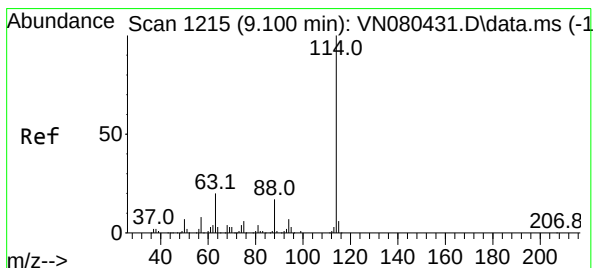
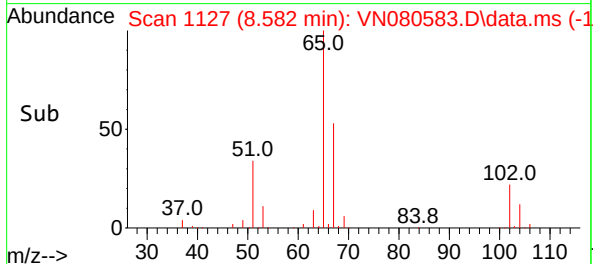
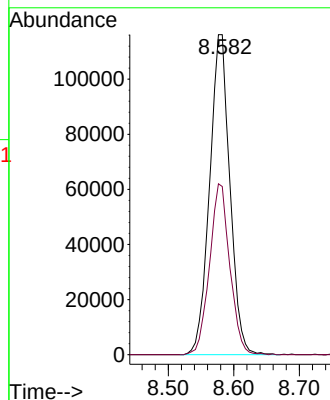
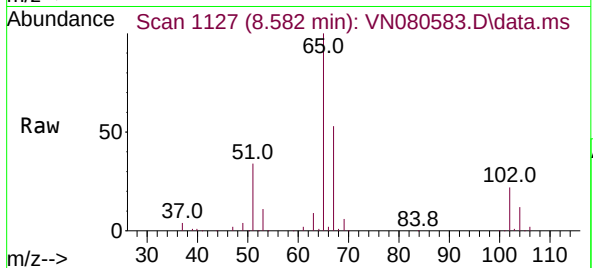
ClientSampleId :

Tgt Ion: 65 Resp: 249648

Ion Ratio Lower Upper

65 100

67 53.3 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: VN080583.D

Acq: 21 Dec 2023 19:01

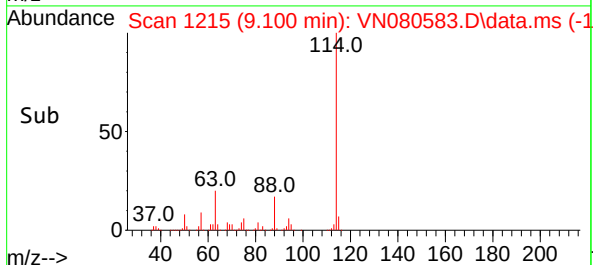
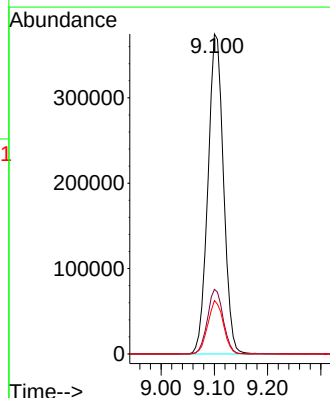
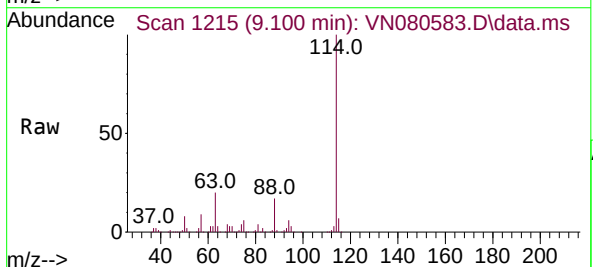
Tgt Ion: 114 Resp: 760666

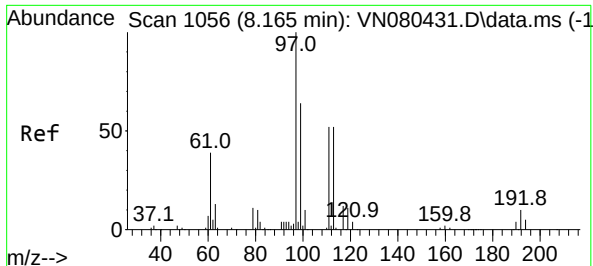
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

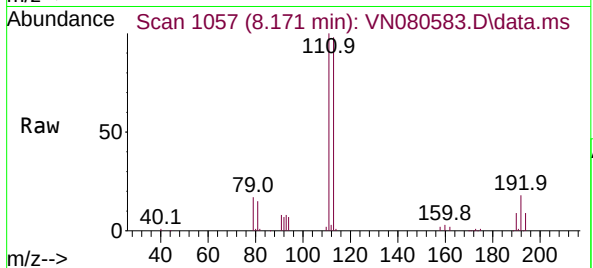
88 16.7 0.0 30.6



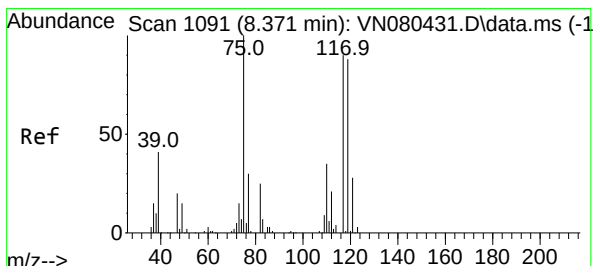
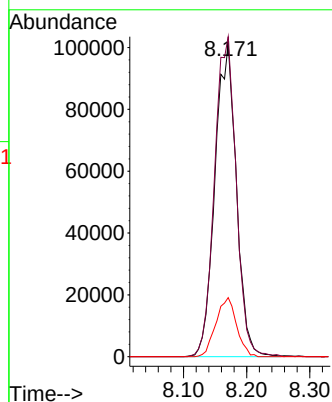
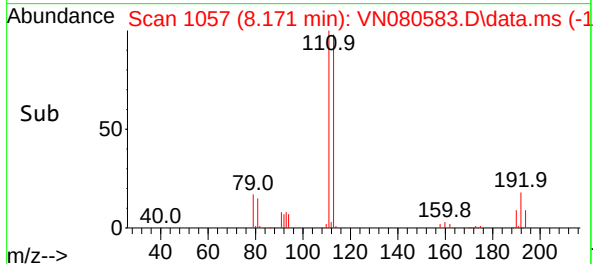


#35
Dibromofluoromethane
Concen: 49.521 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

Instrument :
MSVOA_N
ClientSampleId :

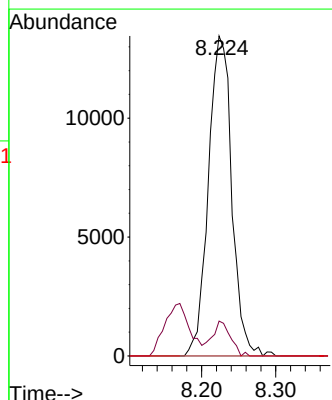
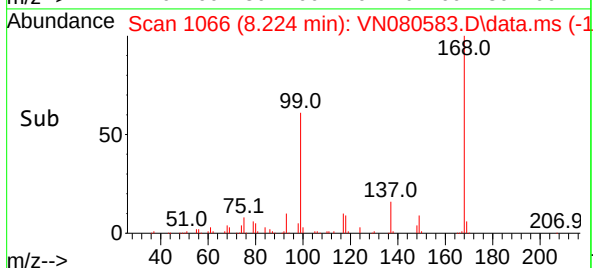
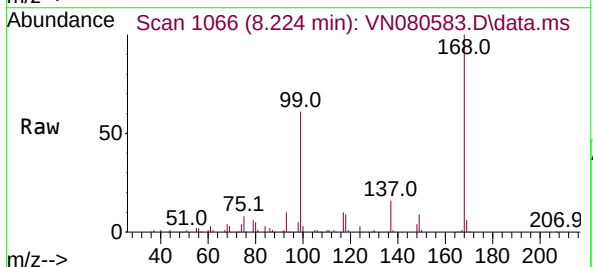


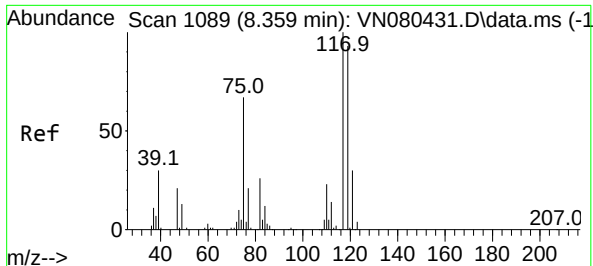
Tgt Ion:113 Resp: 238838
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 18.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 3.744 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

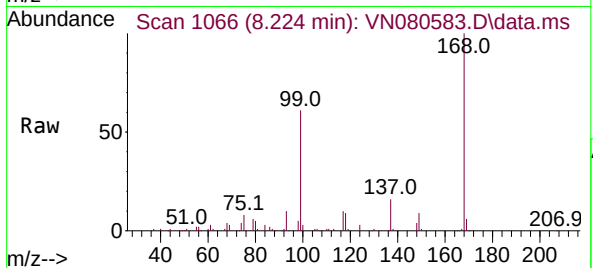
Tgt Ion: 75 Resp: 29524
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.3#
77 0.0 25.0 37.4#



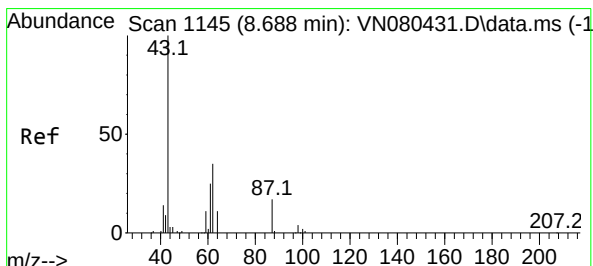
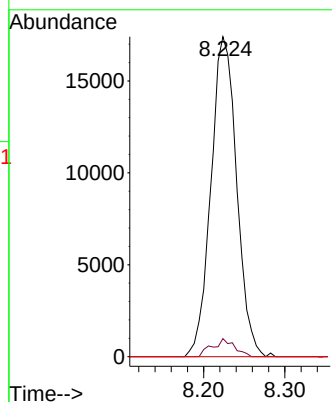
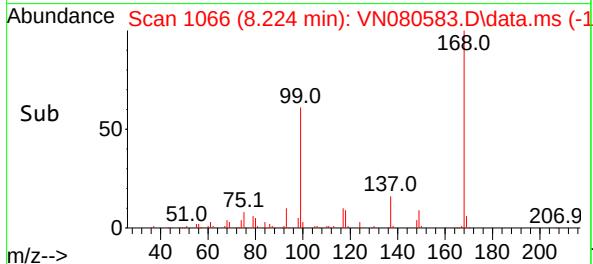


#38
Carbon Tetrachloride
Concen: 4.069 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

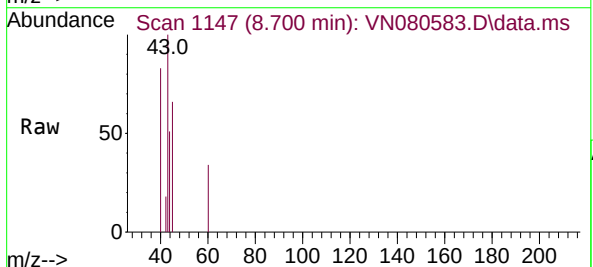
Instrument :
MSVOA_N
ClientSampleId :



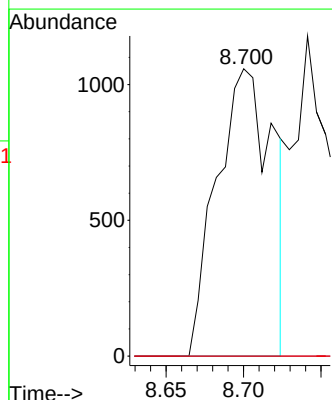
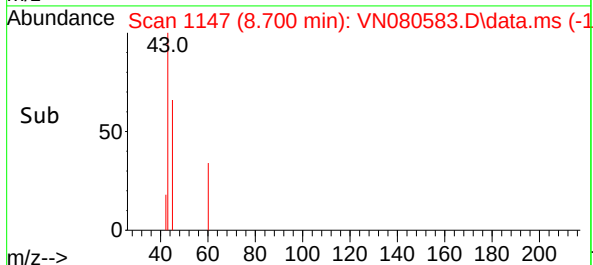
Tgt Ion:117 Resp: 38345
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 23.3 34.9#

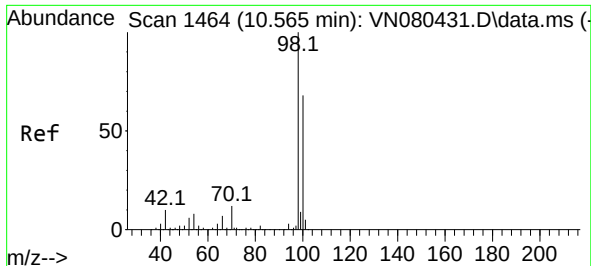


#43
Isopropyl Acetate
Concen: 0.299 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01



Tgt Ion: 43 Resp: 2653
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

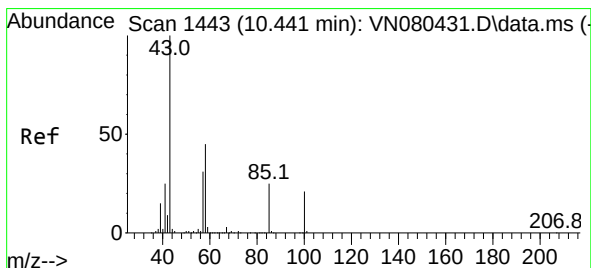
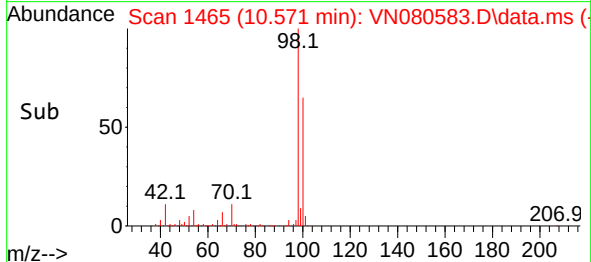
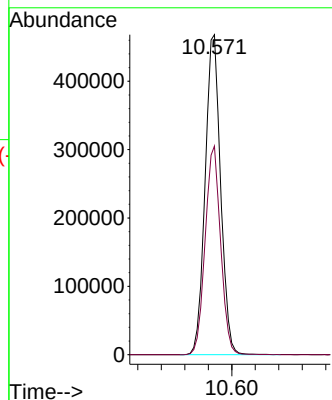
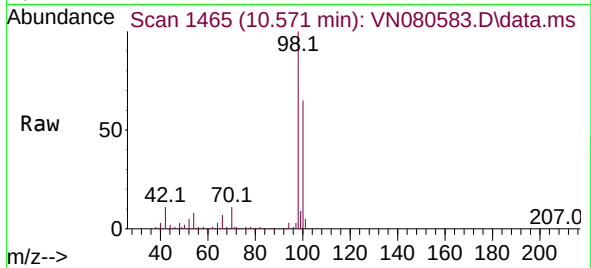




#50
Toluene-d8
Concen: 47.395 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

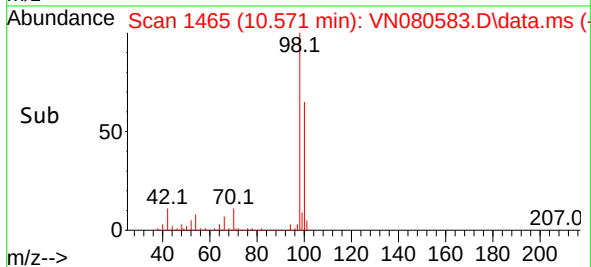
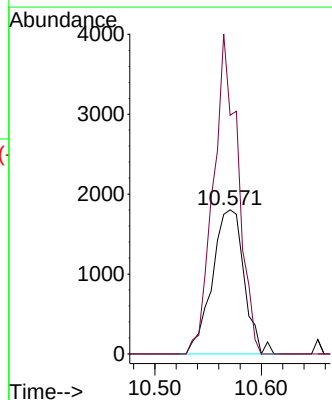
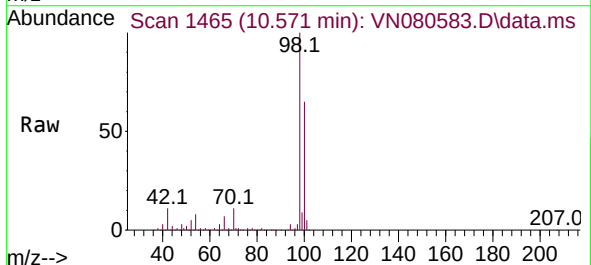
Instrument :
MSVOA_N
ClientSampleId :

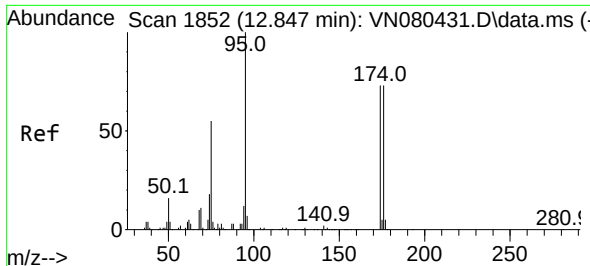
Tgt Ion: 98 Resp: 852496
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.766 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

Tgt Ion: 43 Resp: 3746
Ion Ratio Lower Upper
43 100
58 172.2 36.6 54.8#

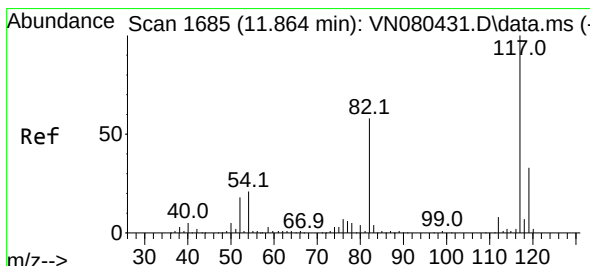
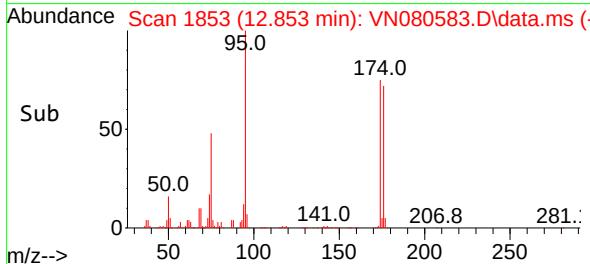
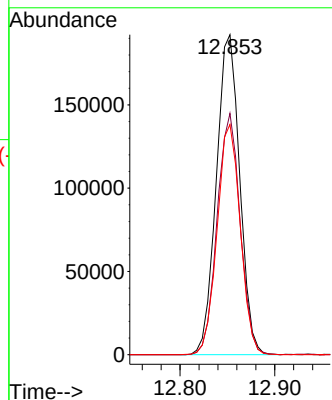
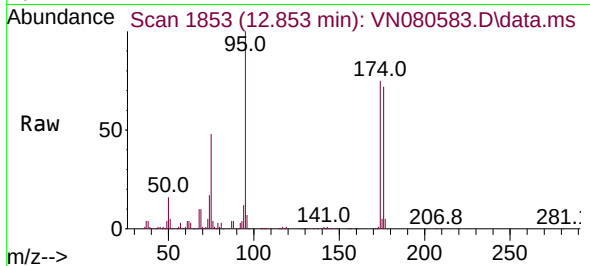




#62
4-Bromofluorobenzene
Concen: 48.285 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

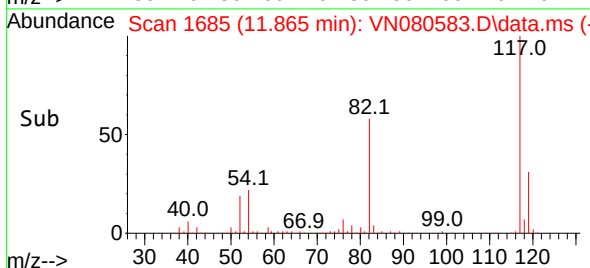
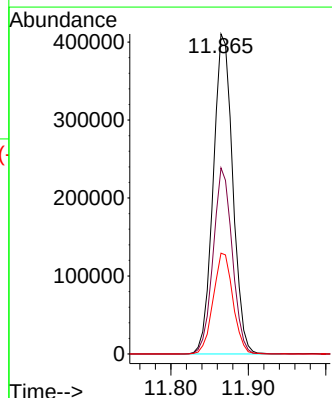
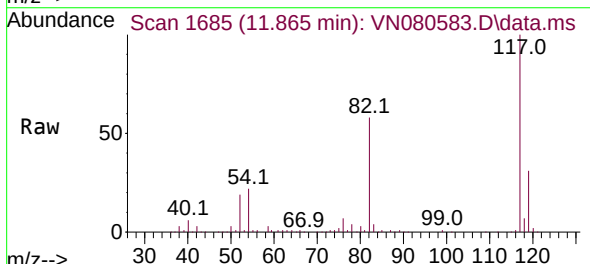
Instrument :
MSVOA_N
ClientSampleId :

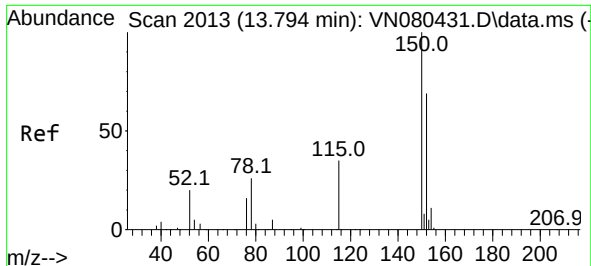
Tgt Ion: 95 Resp: 329793
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

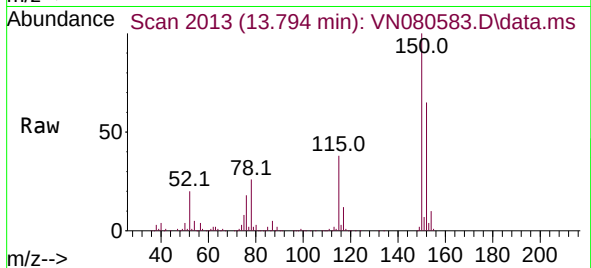
Tgt Ion: 117 Resp: 717074
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.5 25.6 38.4



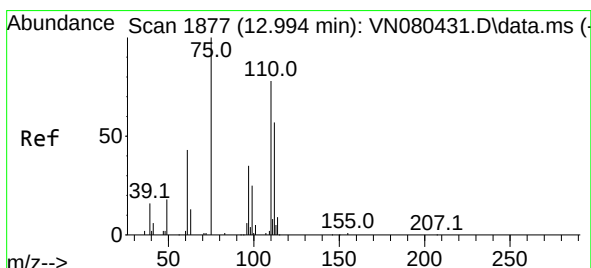
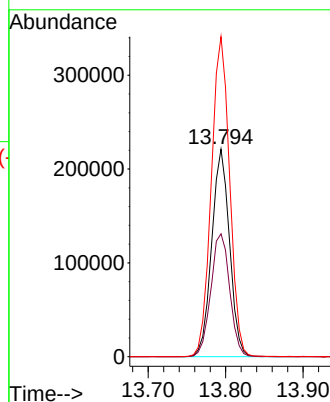
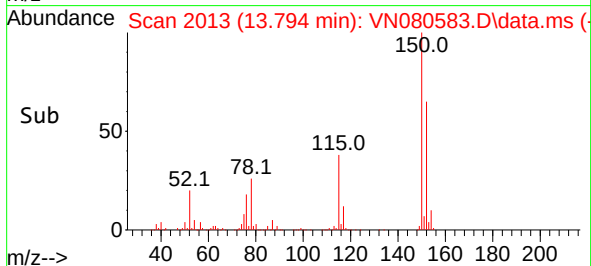


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080583.D
 Acq: 21 Dec 2023 19:01

Instrument :
 MSVOA_N
 ClientSampleId :

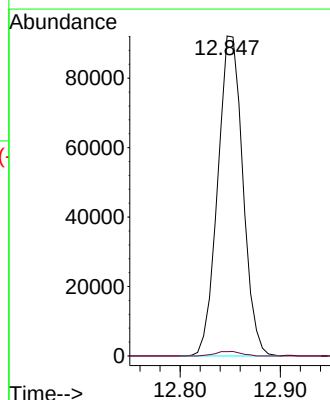
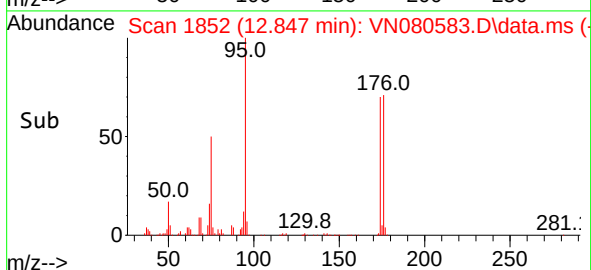
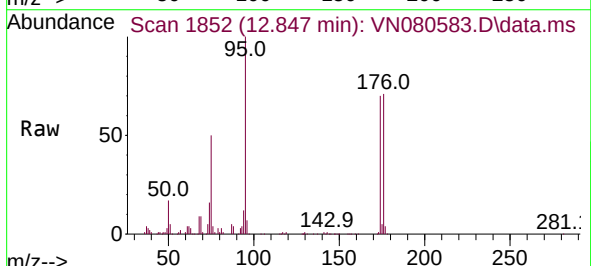


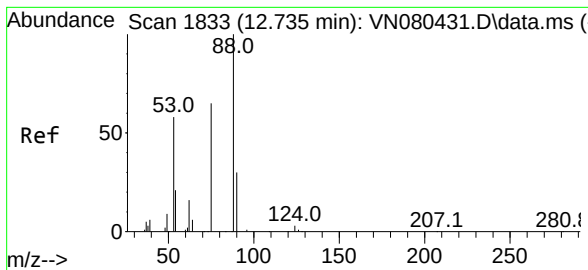
Tgt Ion:152 Resp: 352665
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.3 96.8
 150 158.7 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 22.838 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080583.D
 Acq: 21 Dec 2023 19:01

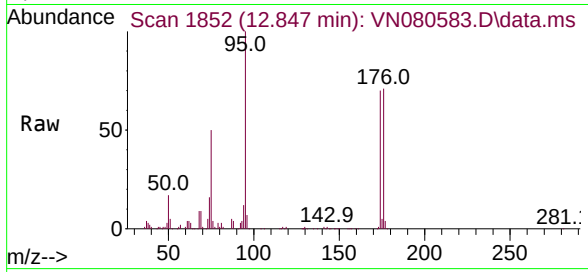
Tgt Ion: 75 Resp: 160681
 Ion Ratio Lower Upper
 75 100
 77 1.5 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.964 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080583.D
 Acq: 21 Dec 2023 19:01

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 160681
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

