

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080285.D
 Acq On : 27 Nov 2023 19:10
 Operator : JC\MD
 Sample : 05551-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 02:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

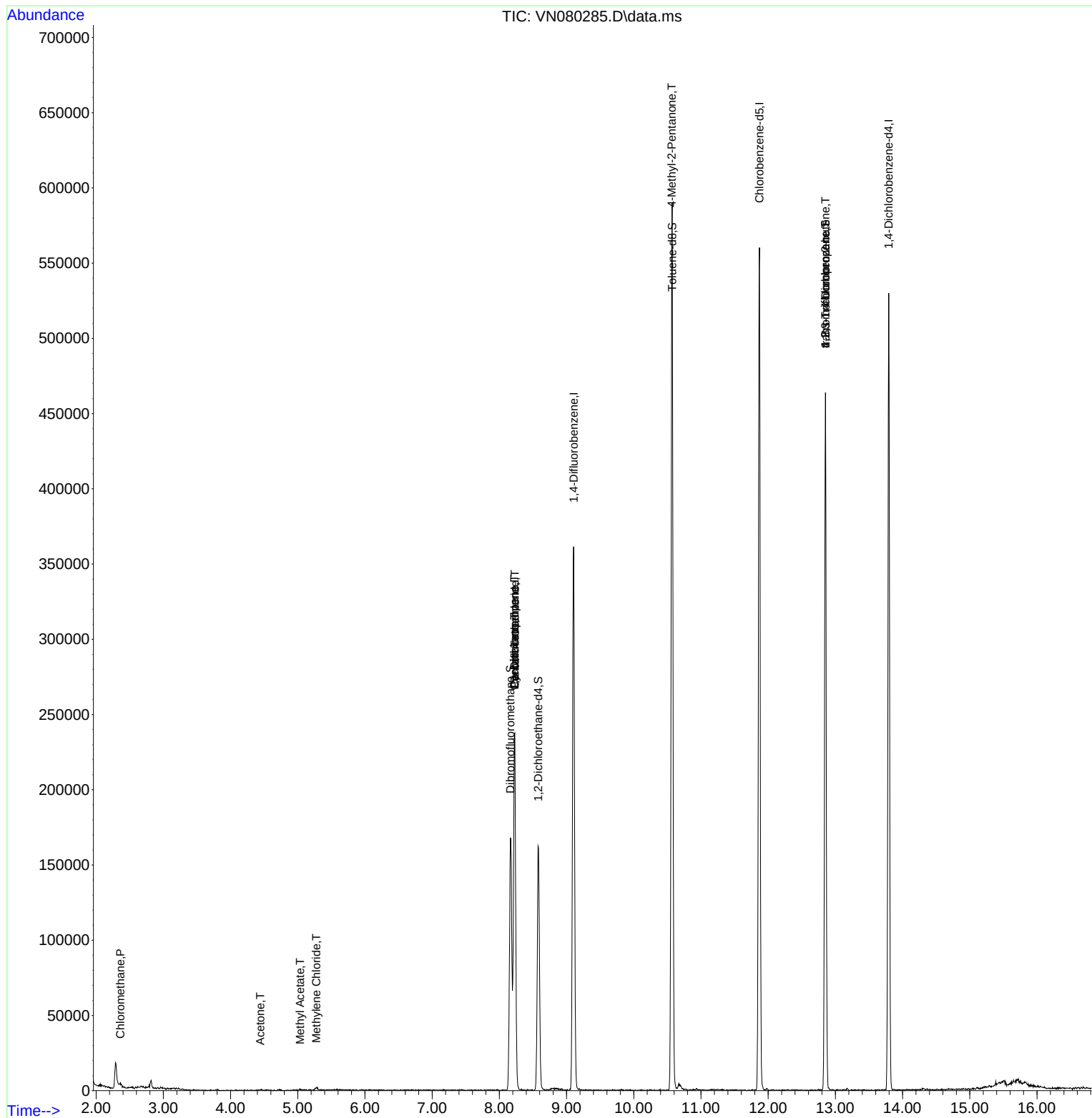
Internal Standards						
1) Pentafluorobenzene	8.230	168	168235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	327534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150279	54.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.200%	
35) Dibromofluoromethane	8.165	113	118521	52.323	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.640%	
50) Toluene-d8	10.571	98	407809	49.943	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	12.853	95	157916	51.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1642	0.872	ug/l	93
6) Chloroethane	3.124	64	512	Below Cal	#	43
16) Acetone	4.442	43	677	0.726	ug/l #	40
18) Methyl Acetate	5.036	43	739	0.247	ug/l #	66
20) Methylene Chloride	5.277	84	1464	0.749	ug/l #	84
31) Cyclohexane	8.224	56	3797	1.257	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	14349	4.375	ug/l #	53
38) Carbon Tetrachloride	8.230	117	18886	4.538	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1387	0.605	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	87303	25.431	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	87303	85.921	ug/l #	15

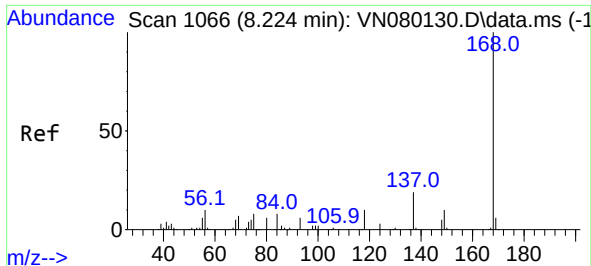
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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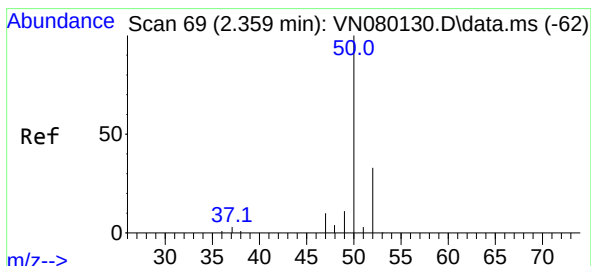
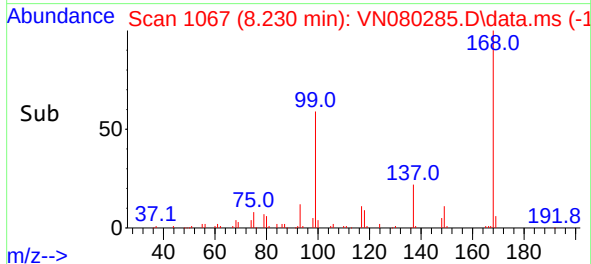
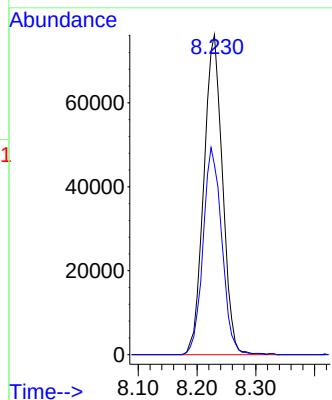
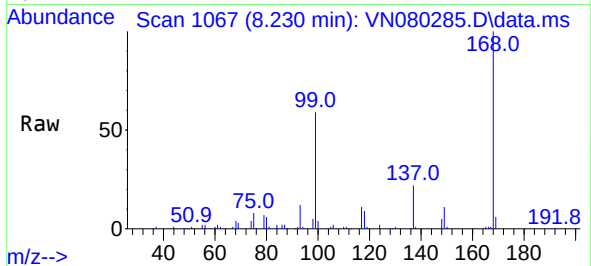




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

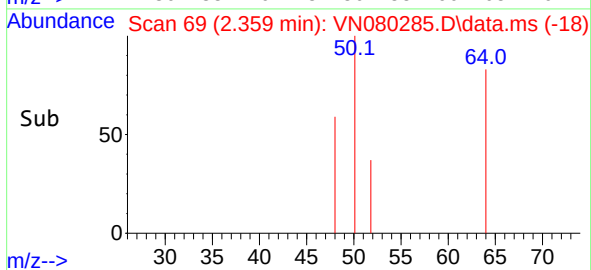
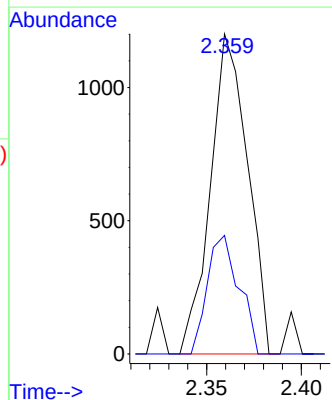
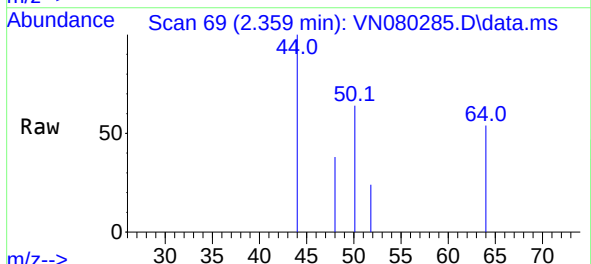
Instrument :
MSVOA_N
ClientSampleId :

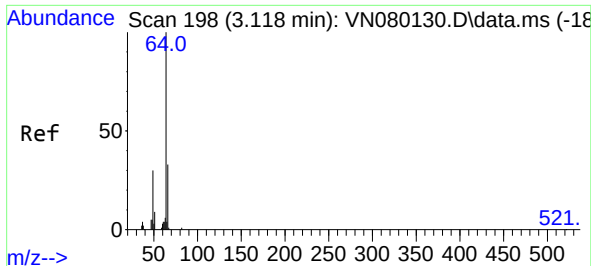
Tgt Ion:168 Resp: 168235
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#3
Chloromethane
Concen: 0.872 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

Tgt Ion: 50 Resp: 1642
Ion Ratio Lower Upper
50 100
52 37.1 26.5 39.7

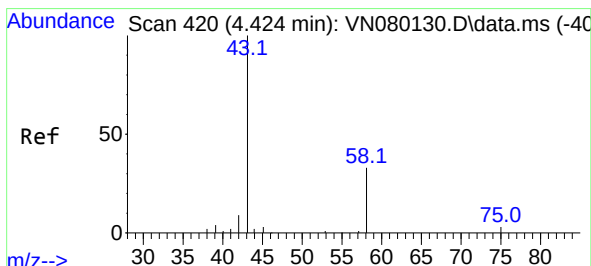
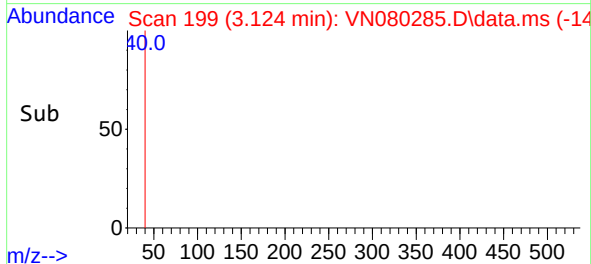
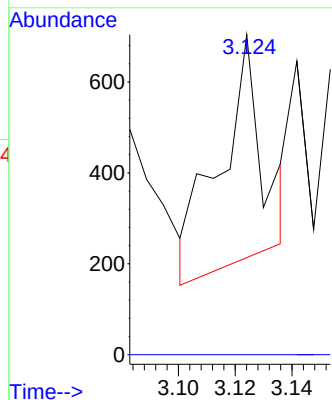
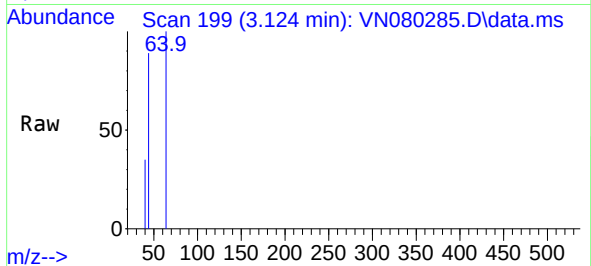




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 19
Delta R.T. 0.006 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

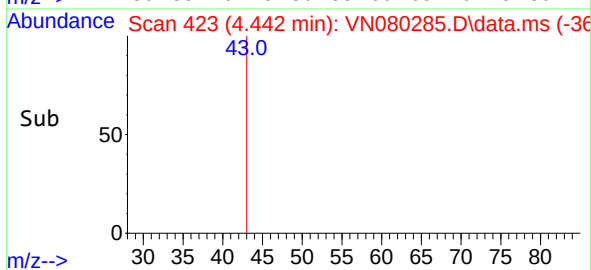
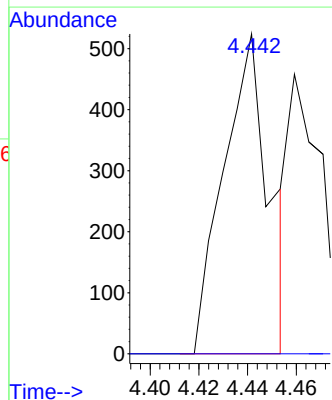
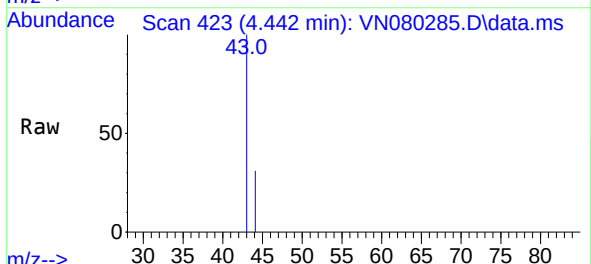
Instrument :
MSVOA_N
ClientSampleId :

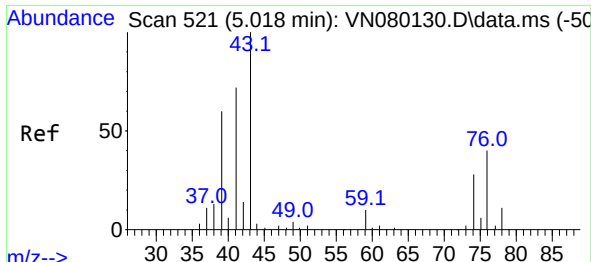
Tgt Ion: 64 Resp: 512
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.726 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

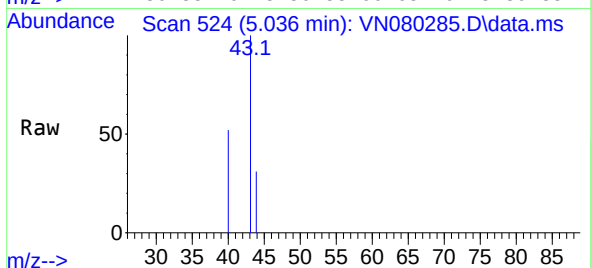
Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



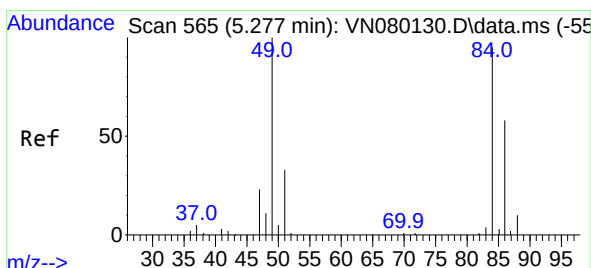
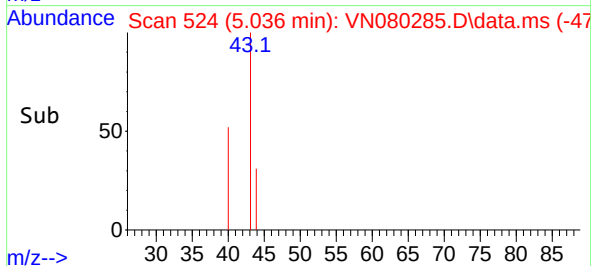
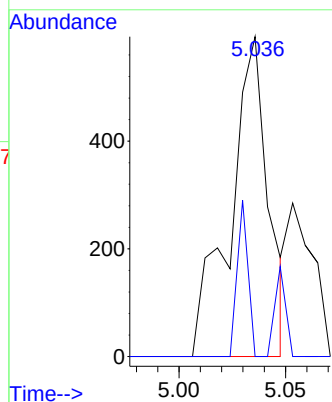


#18
Methyl Acetate
Concen: 0.247 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

Instrument :
MSVOA_N
ClientSampleId :

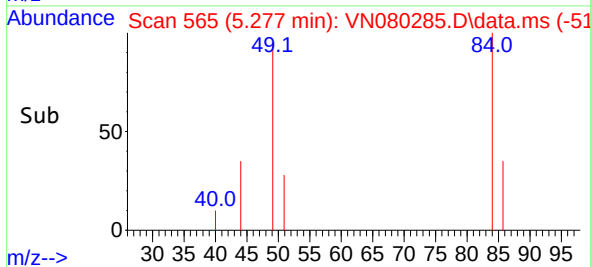
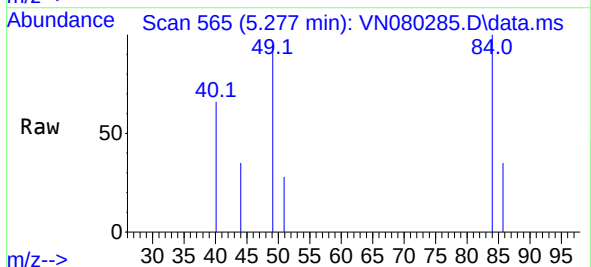
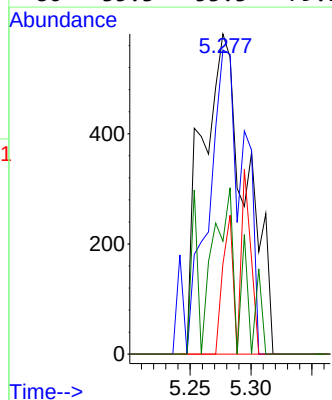


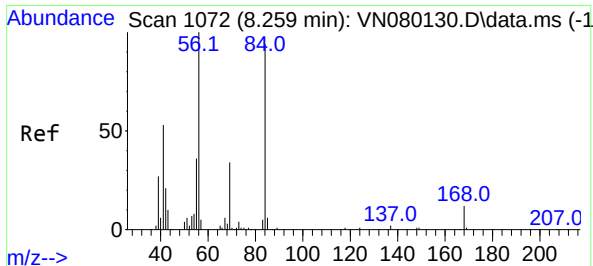
Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
74 13.8 26.2 39.4#



#20
Methylene Chloride
Concen: 0.749 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

Tgt Ion: 84 Resp: 1464
Ion Ratio Lower Upper
84 100
49 95.0 79.7 119.5
51 28.2 25.2 37.8
86 35.3 53.3 79.9#





#31

Cyclohexane

Concen: 1.257 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

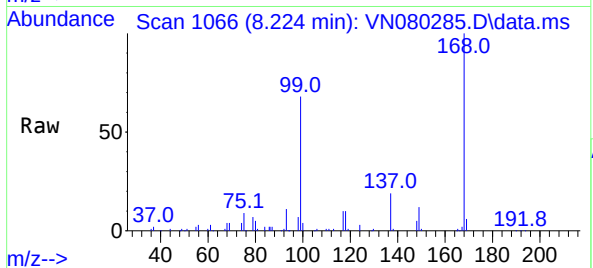
Lab File: VN080285.D

Acq: 27 Nov 2023 19:10

Instrument :

MSVOA_N

ClientSampleId :



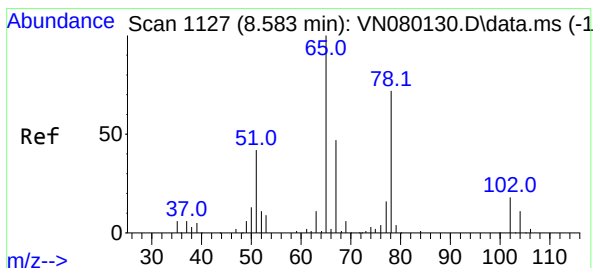
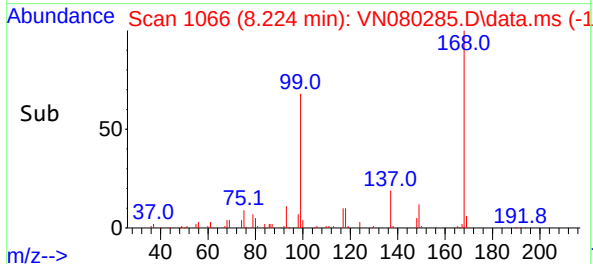
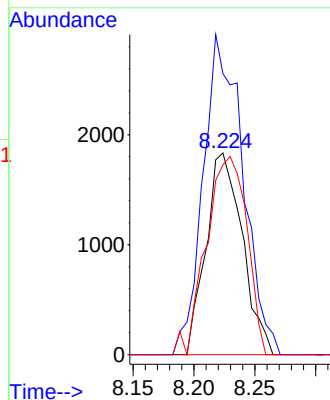
Tgt Ion: 56 Resp: 3797

Ion Ratio Lower Upper

56 100

69 139.3 26.8 40.2#

84 94.1 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 54.100 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080285.D

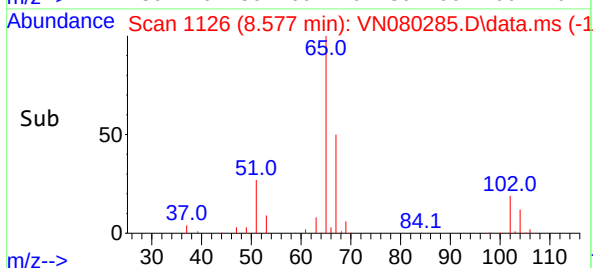
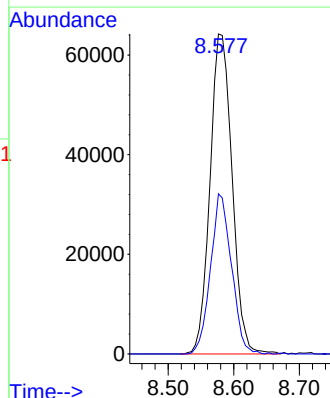
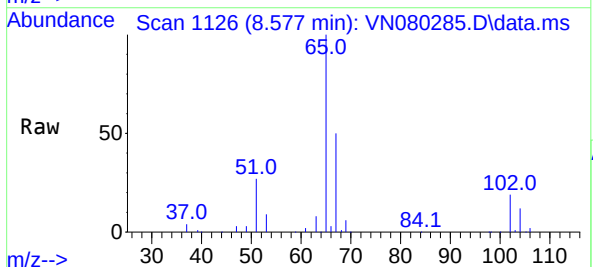
Acq: 27 Nov 2023 19:10

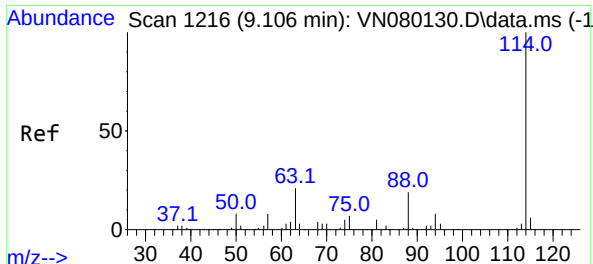
Tgt Ion: 65 Resp: 150279

Ion Ratio Lower Upper

65 100

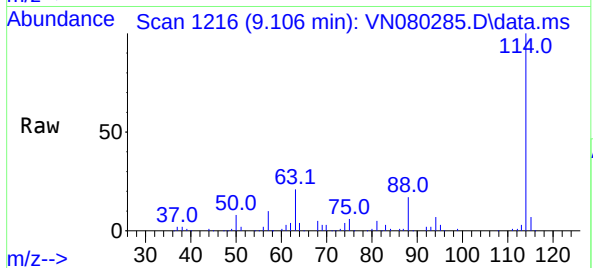
67 47.5 0.0 106.6



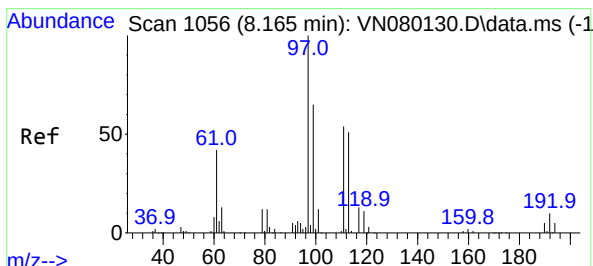
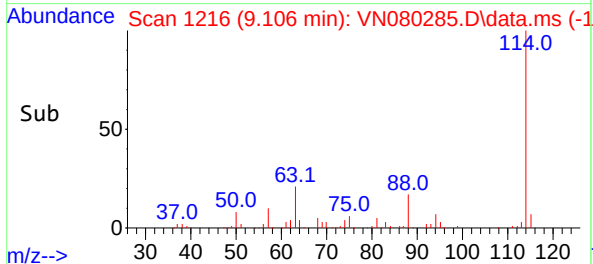
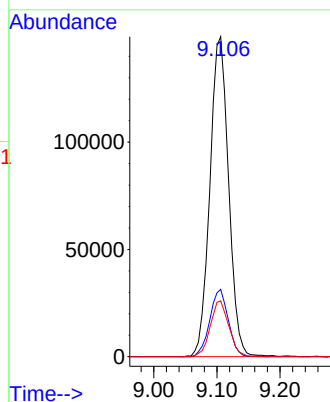


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

Instrument :
MSVOA_N
ClientSampleId :

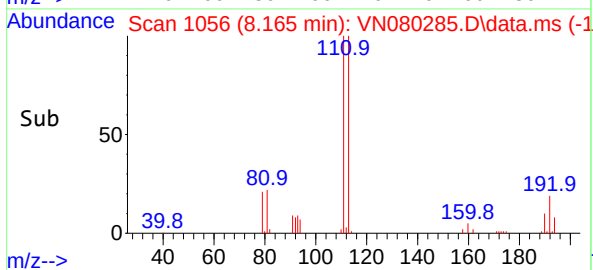
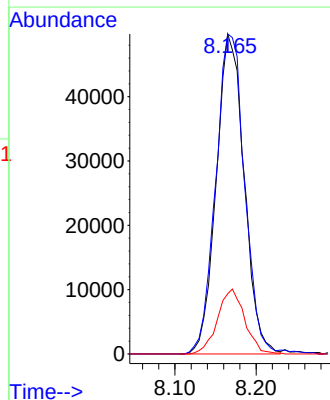
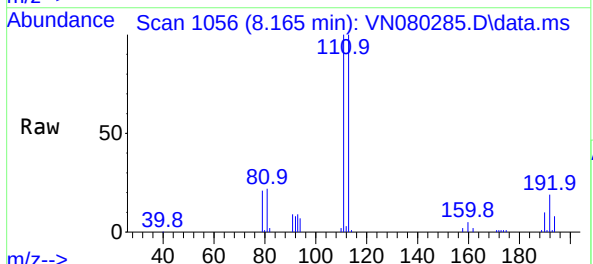


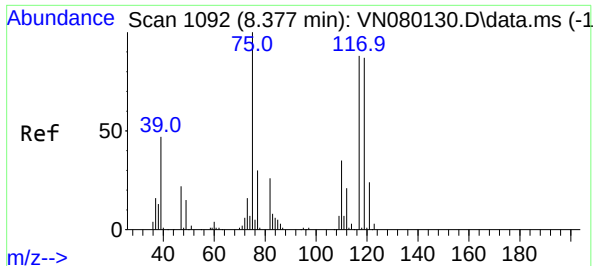
Tgt Ion:114 Resp: 306991
Ion Ratio Lower Upper
114 100
63 21.1 0.0 36.4
88 17.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.323 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

Tgt Ion:113 Resp: 118521
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.8 12.7 19.1#





#36

1,1-Dichloropropene

Concen: 4.375 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

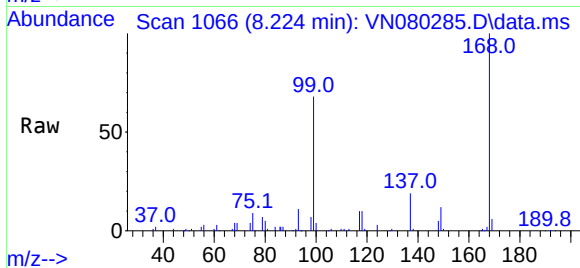
Lab File: VN080285.D

Acq: 27 Nov 2023 19:10

Instrument :

MSVOA_N

ClientSampleId :



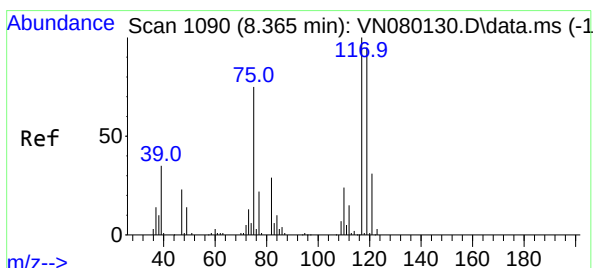
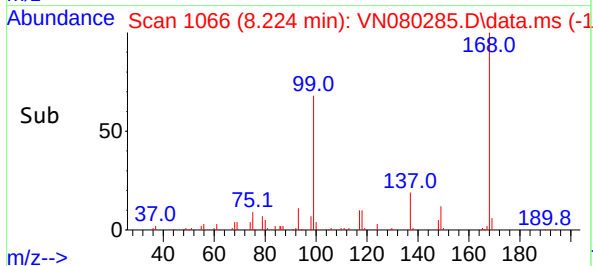
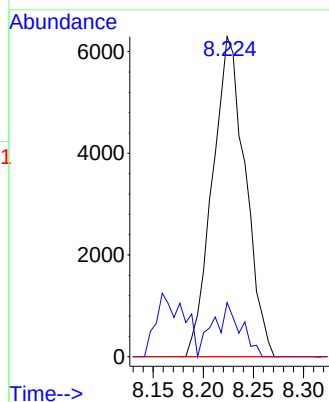
Tgt Ion: 75 Resp: 14349

Ion Ratio Lower Upper

75 100

110 14.0 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.538 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080285.D

Acq: 27 Nov 2023 19:10

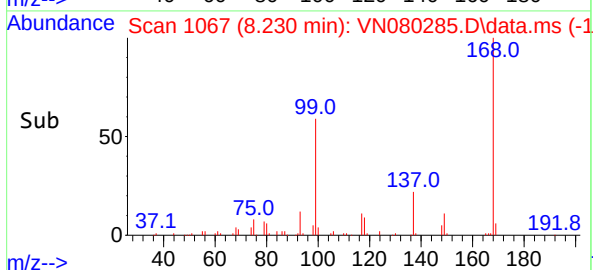
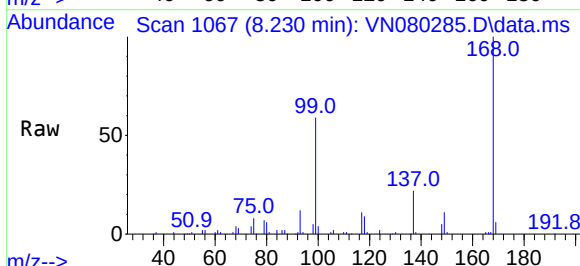
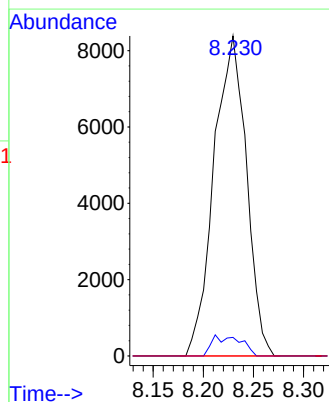
Tgt Ion: 117 Resp: 18886

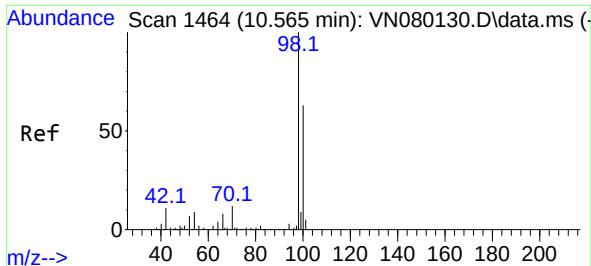
Ion Ratio Lower Upper

117 100

119 5.8 77.3 115.9#

121 0.0 23.3 34.9#

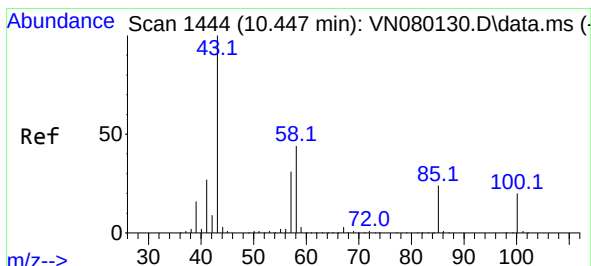
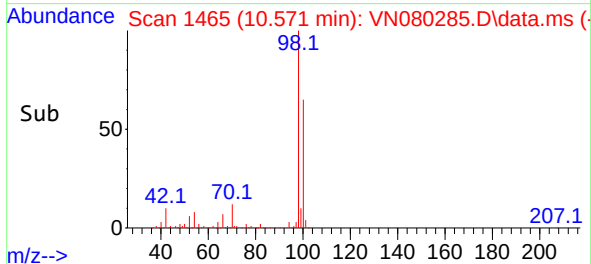
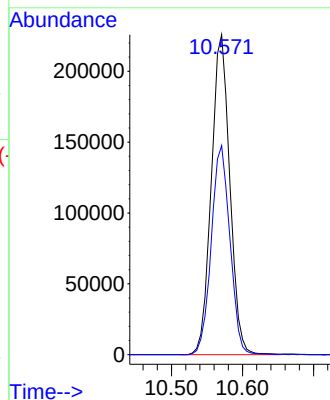
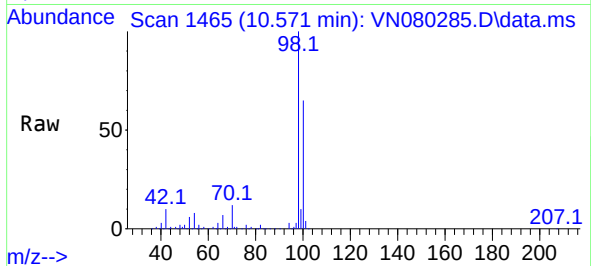




#50
Toluene-d8
Concen: 49.943 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

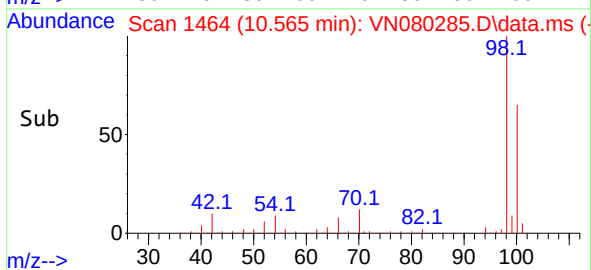
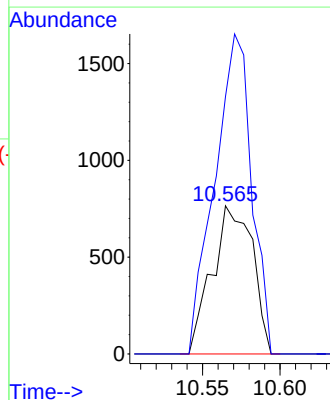
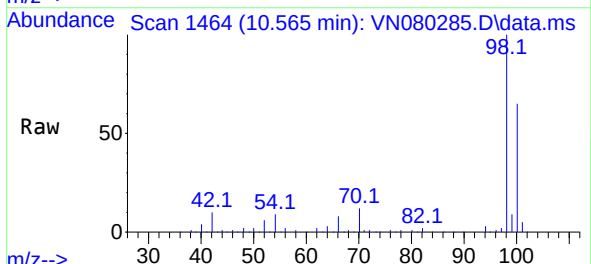
Instrument :
MSVOA_N
ClientSampleId :

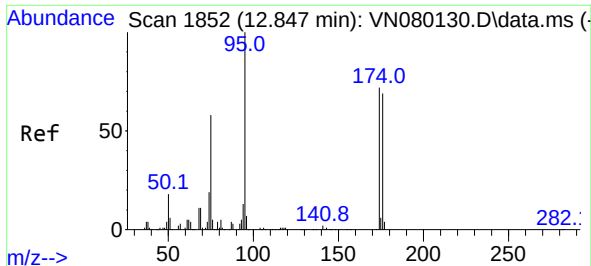
Tgt Ion: 98 Resp: 407809
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.605 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
58 197.5 36.6 54.8#

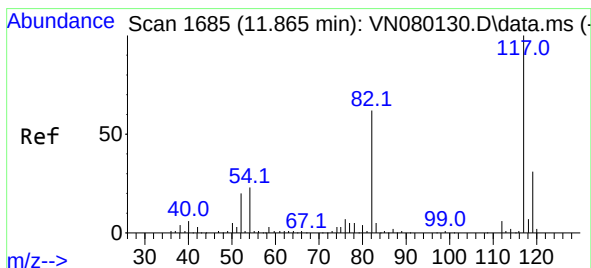
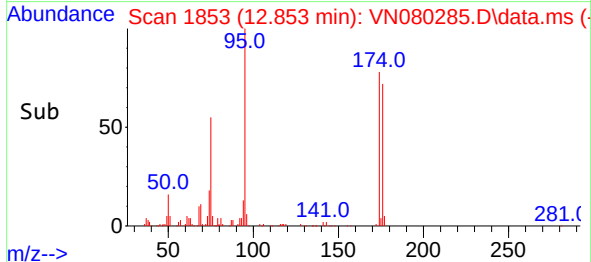
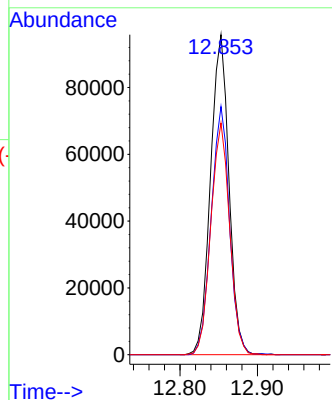
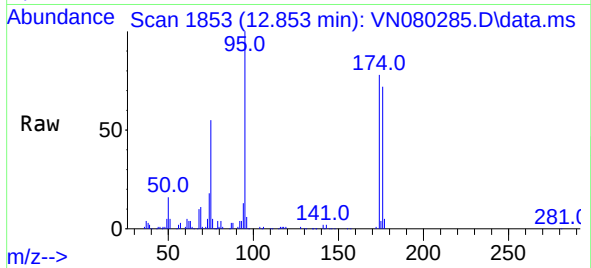




#62
4-Bromofluorobenzene
Concen: 51.201 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

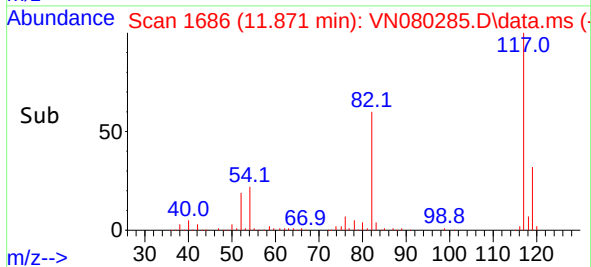
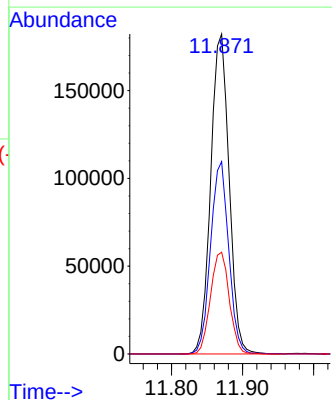
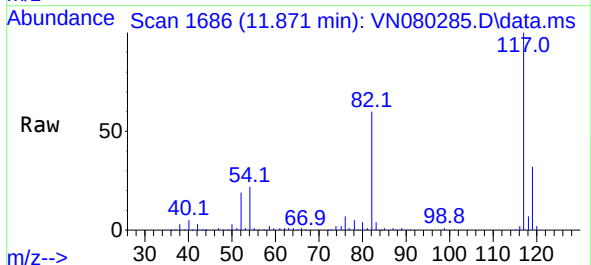
Instrument :
MSVOA_N
ClientSampleId :

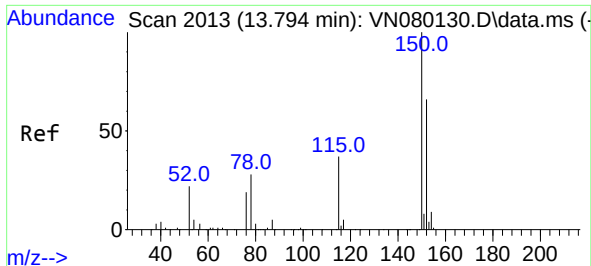
Tgt Ion: 95 Resp: 157916
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 73.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

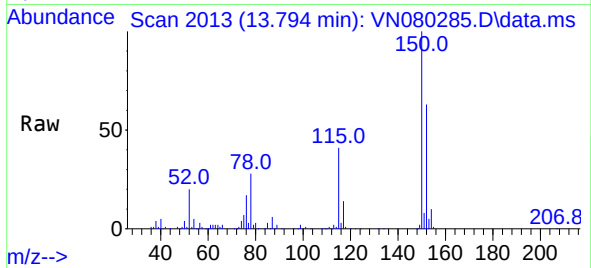
Tgt Ion: 117 Resp: 327534
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 31.8 25.6 38.4



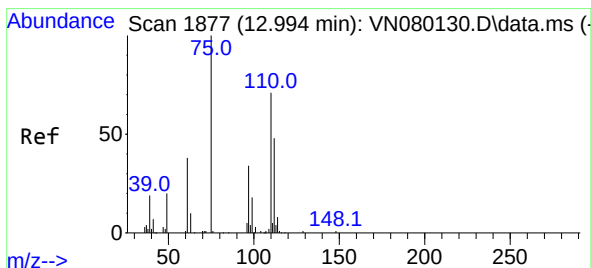
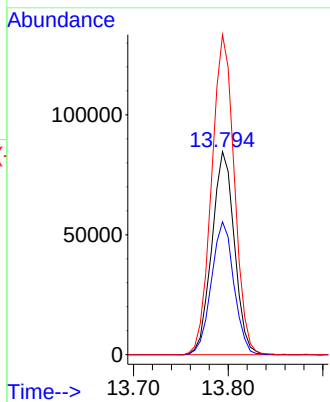
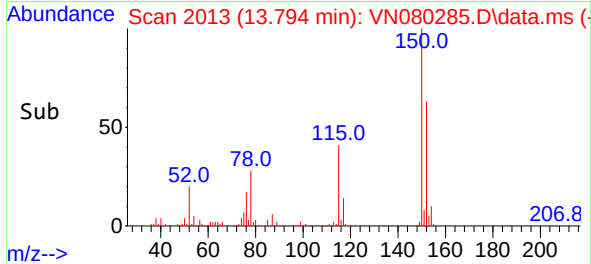


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080285.D
 Acq: 27 Nov 2023 19:10

Instrument :
 MSVOA_N
 ClientSampleId :

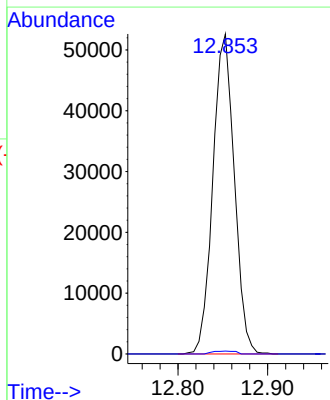
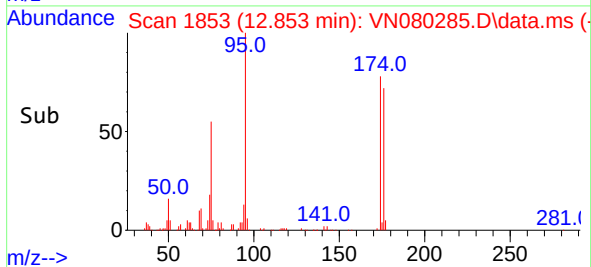
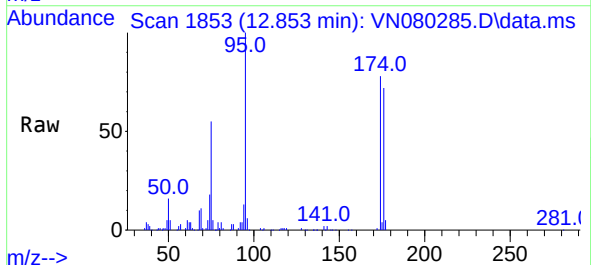


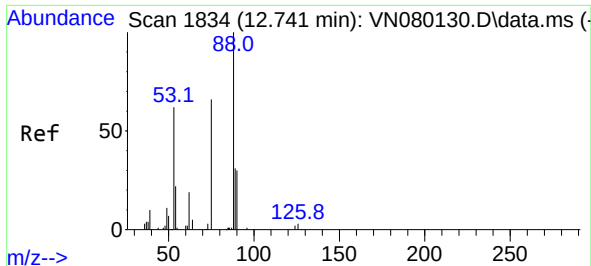
Tgt Ion:152 Resp: 140110
 Ion Ratio Lower Upper
 152 100
 115 65.4 32.3 96.8
 150 158.5 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 25.431 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN080285.D
 Acq: 27 Nov 2023 19:10

Tgt Ion: 75 Resp: 87303
 Ion Ratio Lower Upper
 75 100
 77 1.0 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.921 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 87303
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

