

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080279.D
 Acq On : 27 Nov 2023 16:48
 Operator : JC\MD
 Sample : 05543-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 02:09:39 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	8.224	168	163883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142619	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146097	53.991	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.980%
35) Dibromofluoromethane	8.171	113	118698	53.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.560%
50) Toluene-d8	10.571	98	401015	50.406	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.853	95	156627	52.122	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.240%

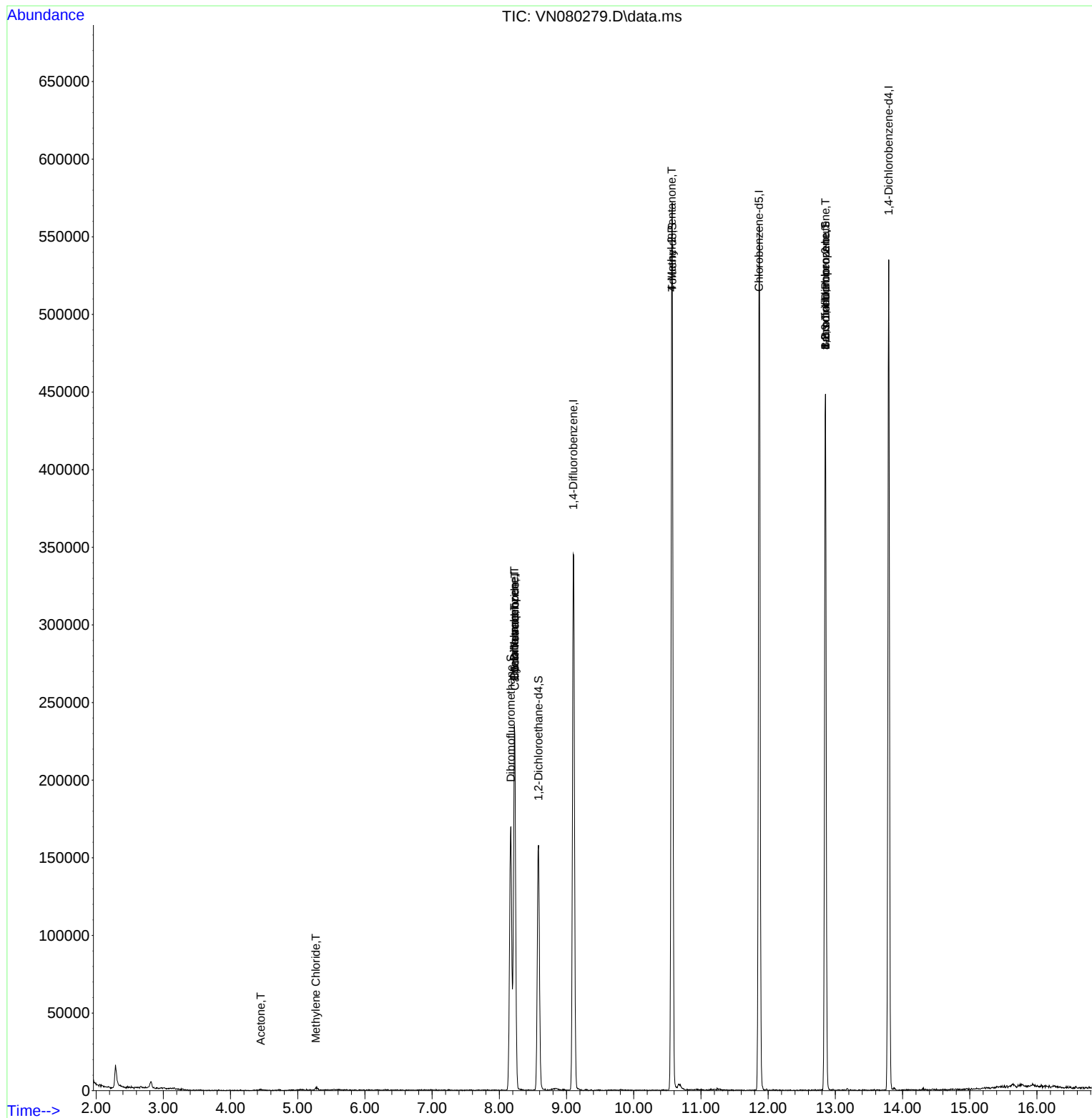
Target Compounds					Qvalue	
6) Chloroethane	3.101	64	262	Below Cal	#	43
16) Acetone	4.448	43	864	0.951	ug/l #	40
20) Methylene Chloride	5.271	84	1063	0.559	ug/l #	64
31) Cyclohexane	8.224	56	3885	1.320	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	13836	4.330	ug/l #	49
38) Carbon Tetrachloride	8.230	117	19339	4.769	ug/l #	14
51) 4-Methyl-2-Pentanone	10.565	43	1518	0.680	ug/l #	1
71) Bromoform	12.853	173	1158	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	85813	24.557	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	85813	82.969	ug/l #	15

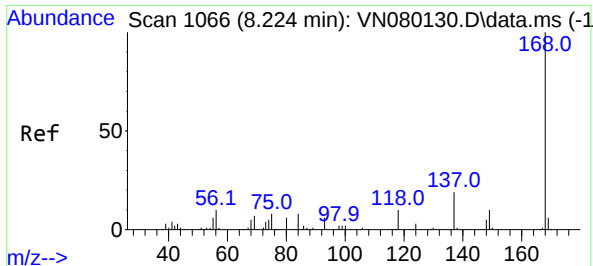
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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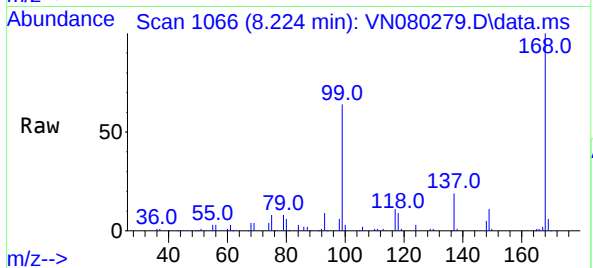
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration



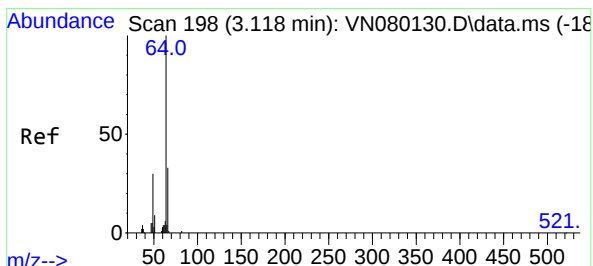
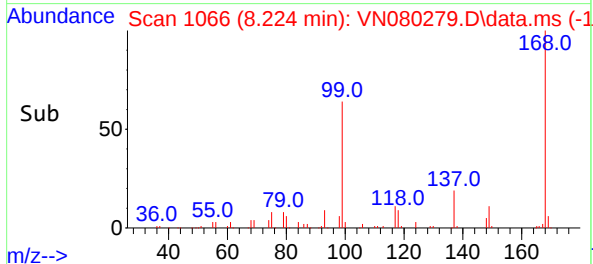
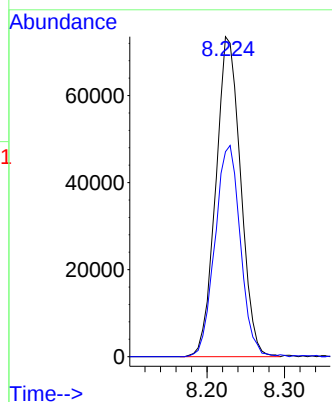


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :

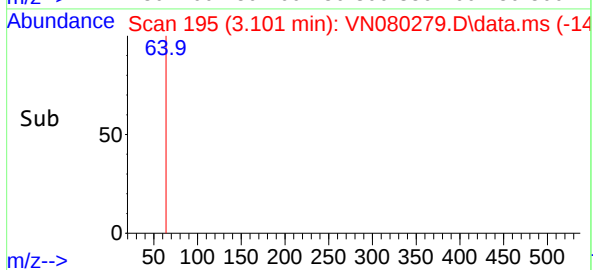
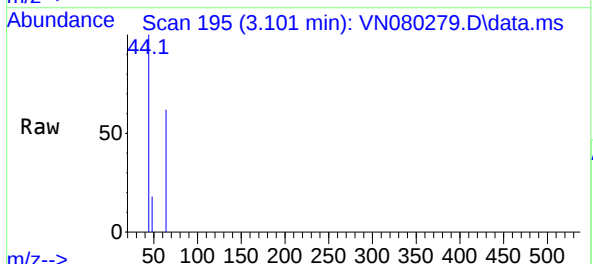


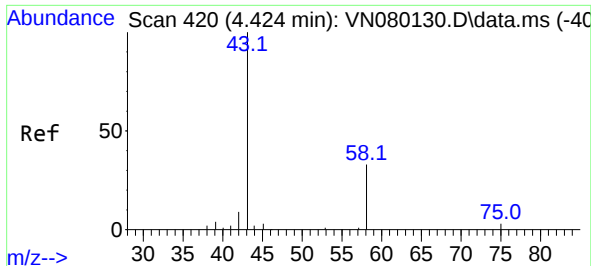
Tgt Ion:168 Resp: 163883
Ion Ratio Lower Upper
168 100
99 64.1 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.101 min Scan# 195
Delta R.T. -0.017 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

Tgt Ion: 64 Resp: 262
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

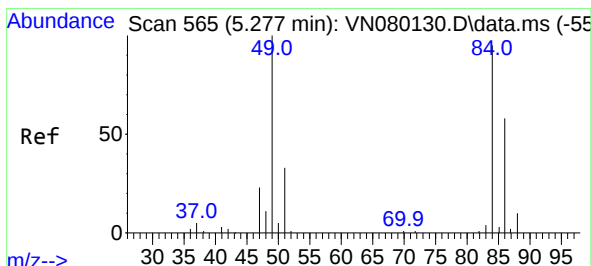
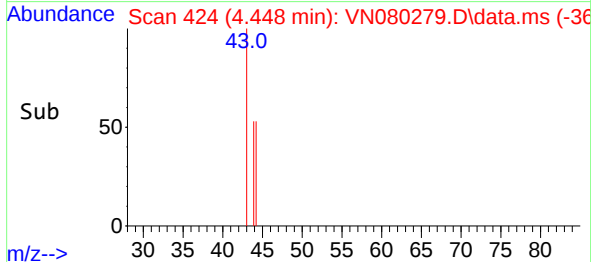
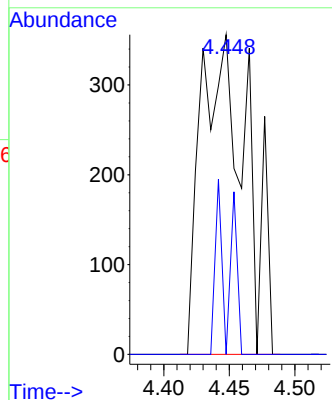
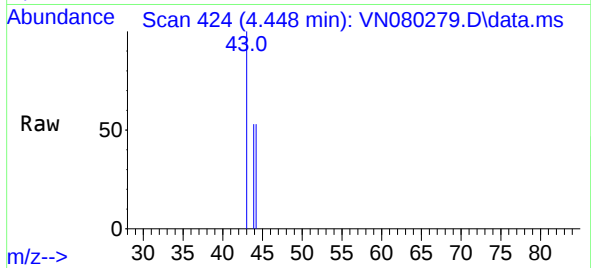




#16
Acetone
Concen: 0.951 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

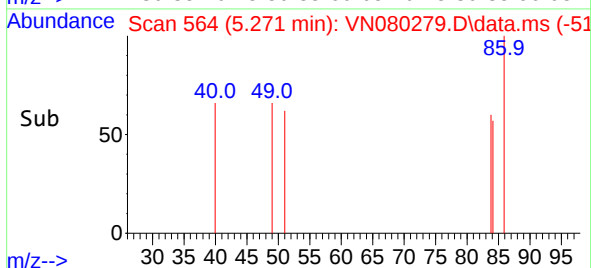
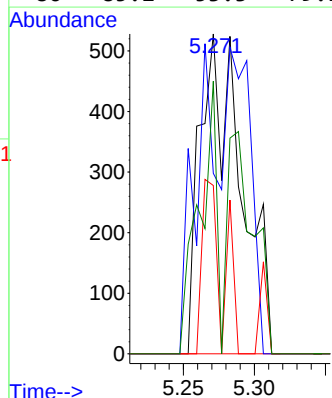
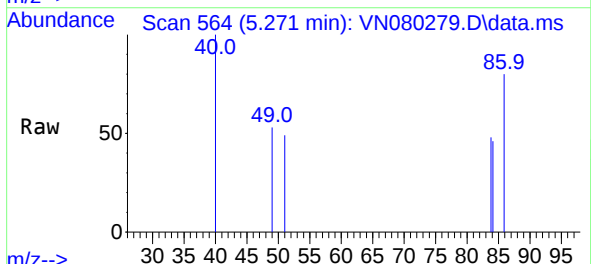
Instrument :
MSVOA_N
ClientSampleId :

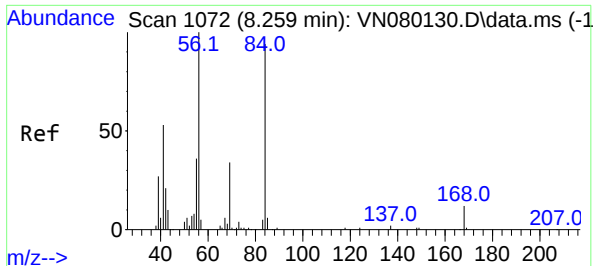
Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: 0.559 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

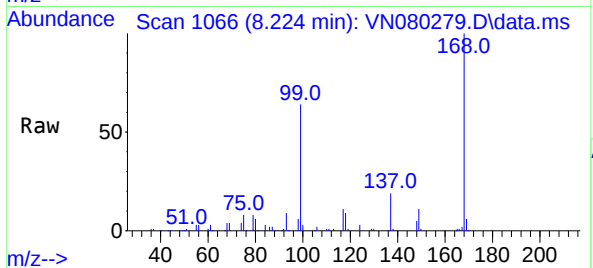
Tgt Ion: 84 Resp: 1063
Ion Ratio Lower Upper
84 100
49 56.4 79.7 119.5#
51 52.7 25.2 37.8#
86 85.2 53.3 79.9#



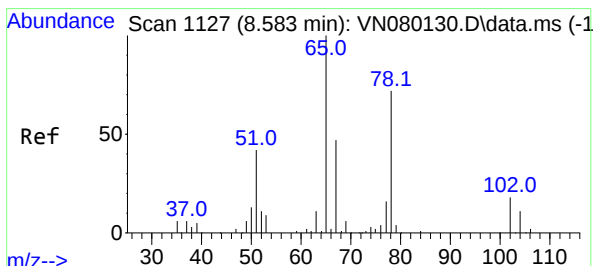
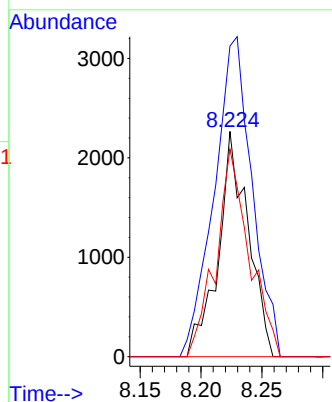
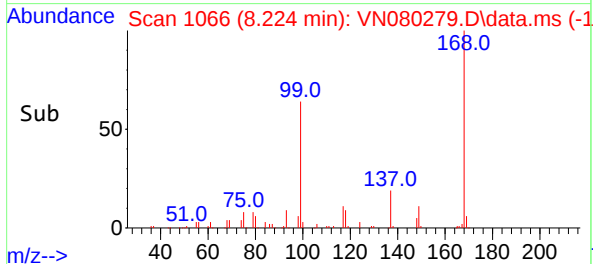


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :

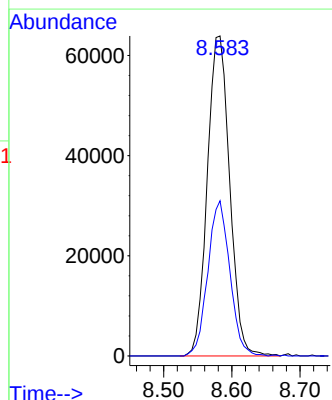
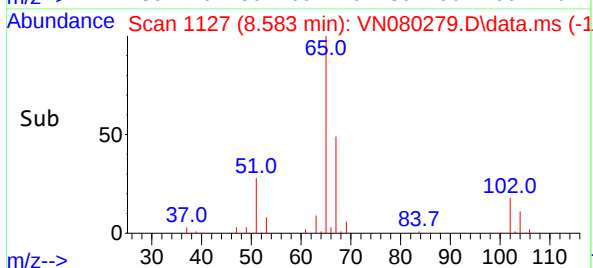
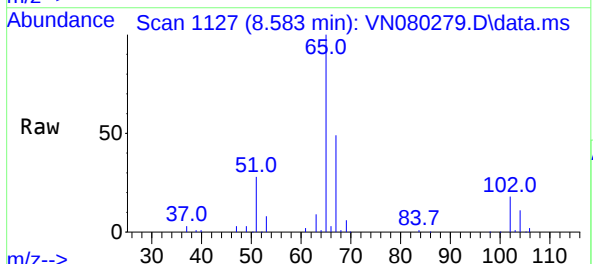


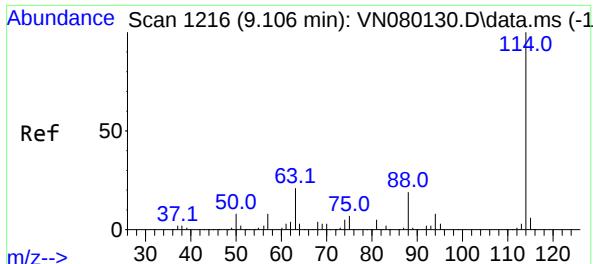
Tgt Ion: 56 Resp: 3885
Ion Ratio Lower Upper
56 100
69 138.0 26.8 40.2#
84 92.1 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 53.991 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

Tgt Ion: 65 Resp: 146097
Ion Ratio Lower Upper
65 100
67 47.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080279.D

Acq: 27 Nov 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

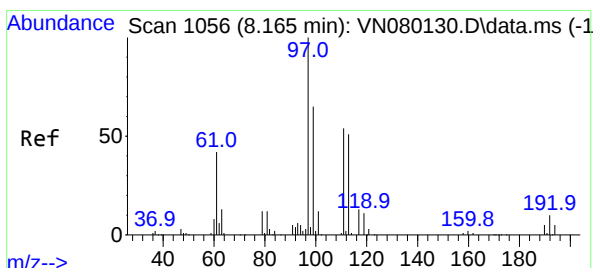
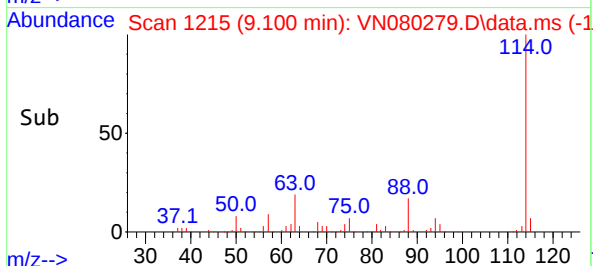
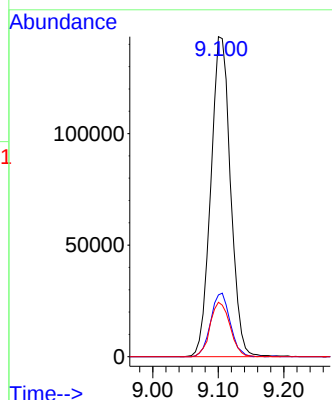
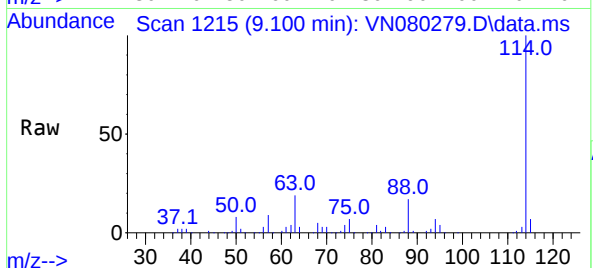
Tgt Ion:114 Resp: 299104

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.783 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080279.D

Acq: 27 Nov 2023 16:48

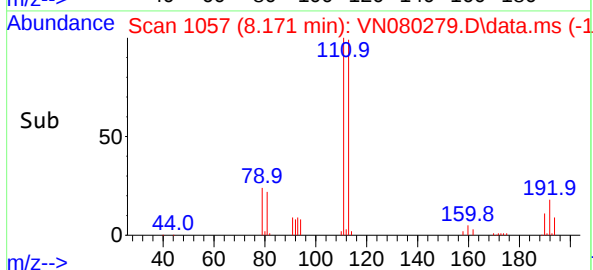
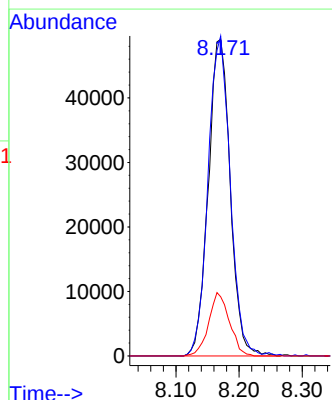
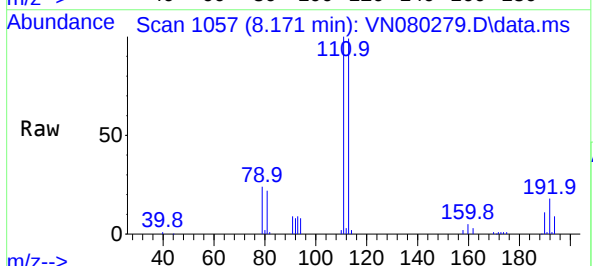
Tgt Ion:113 Resp: 118698

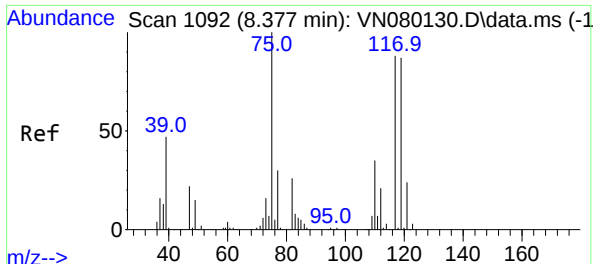
Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 18.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.330 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

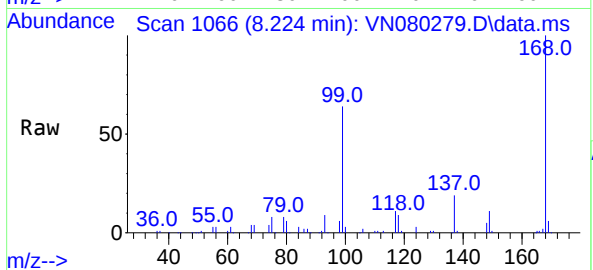
Lab File: VN080279.D

Acq: 27 Nov 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :



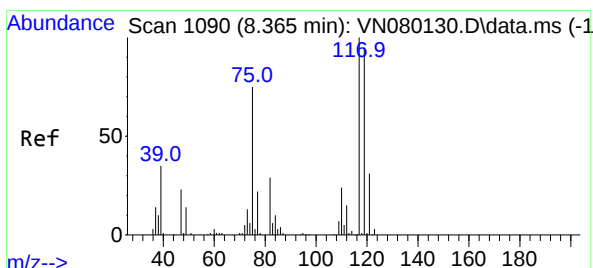
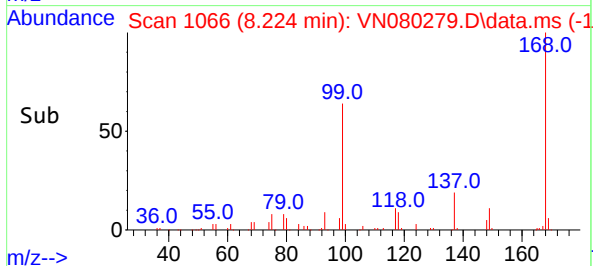
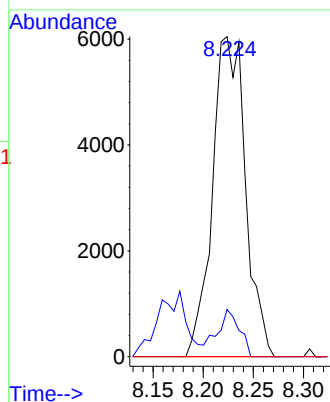
Tgt Ion: 75 Resp: 13836

Ion Ratio Lower Upper

75 100

110 9.8 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.769 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080279.D

Acq: 27 Nov 2023 16:48

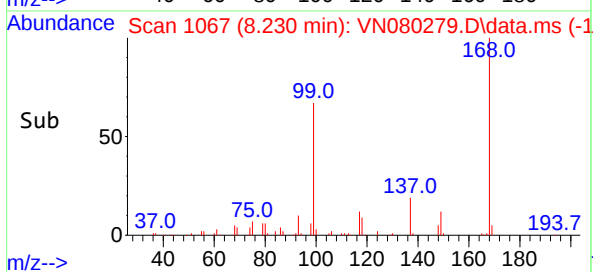
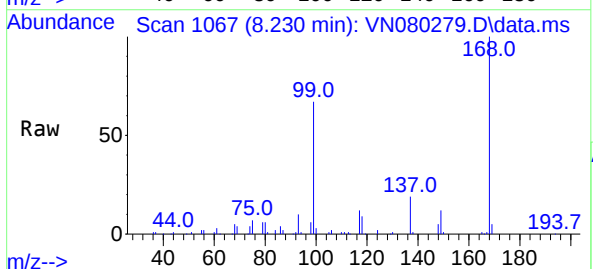
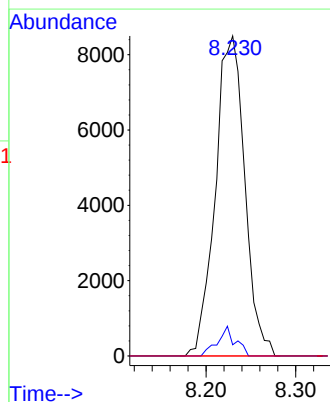
Tgt Ion: 117 Resp: 19339

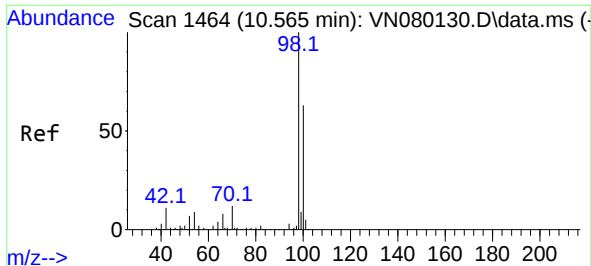
Ion Ratio Lower Upper

117 100

119 3.5 77.3 115.9#

121 0.0 23.3 34.9#

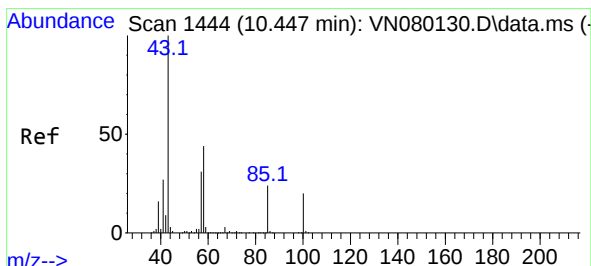
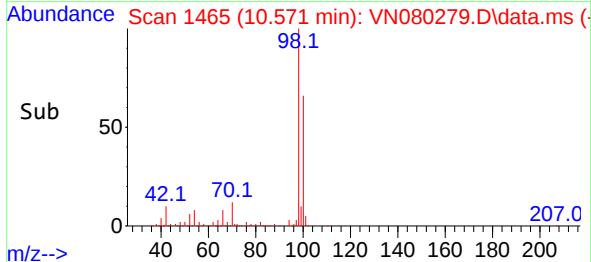
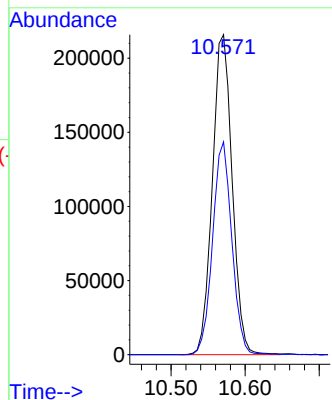
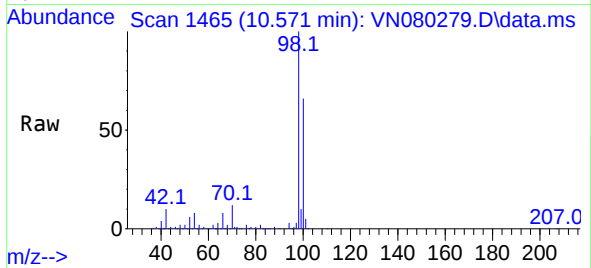




#50
Toluene-d8
Concen: 50.406 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

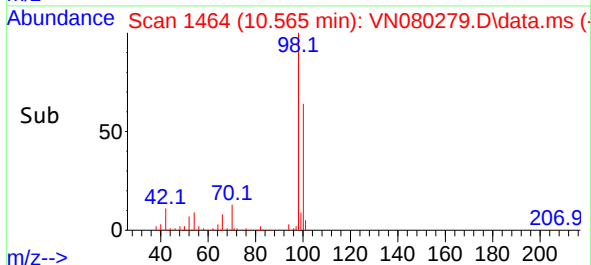
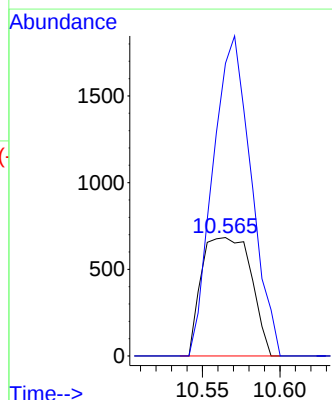
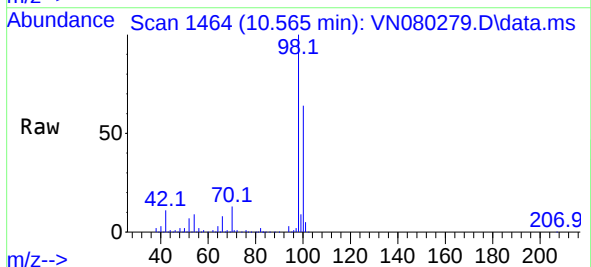
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MSVOA_N
ClientSampleId :

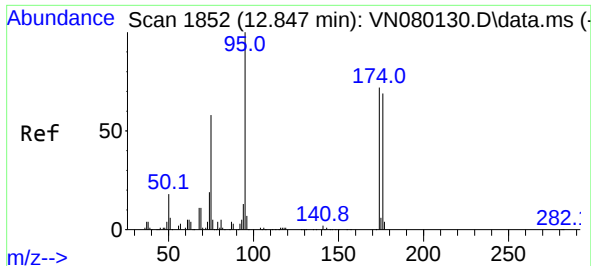
Tgt Ion: 98 Resp: 401015
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.680 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
58 208.2 36.6 54.8#

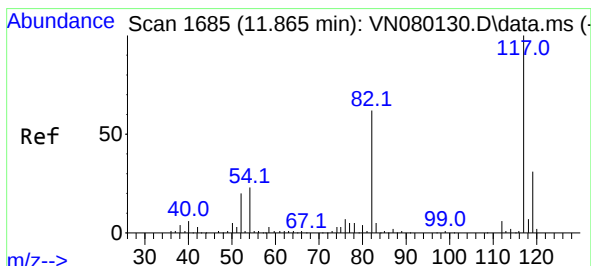
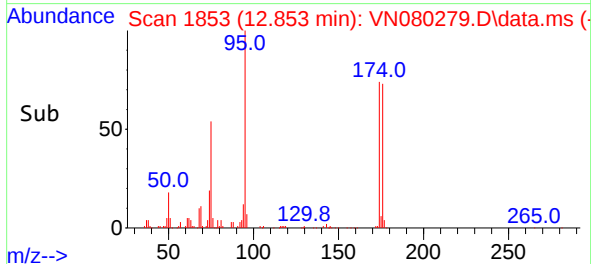
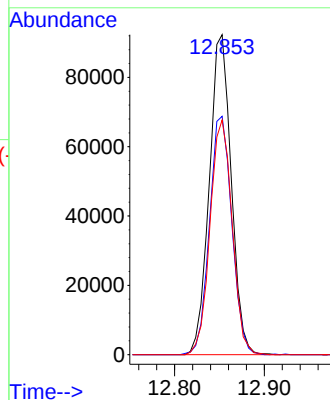
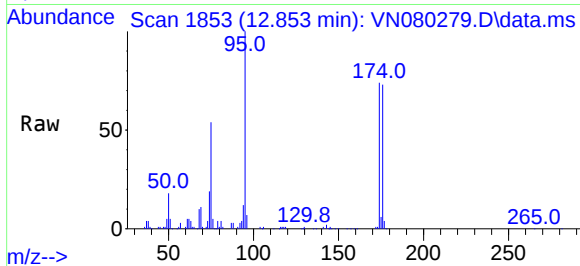




#62
4-Bromofluorobenzene
Concen: 52.122 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

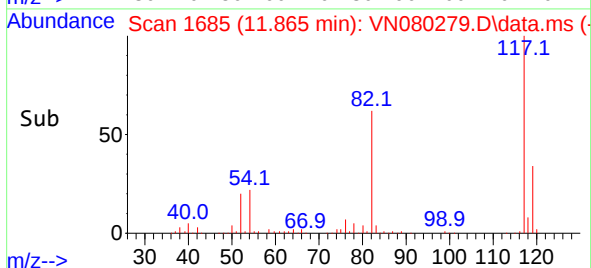
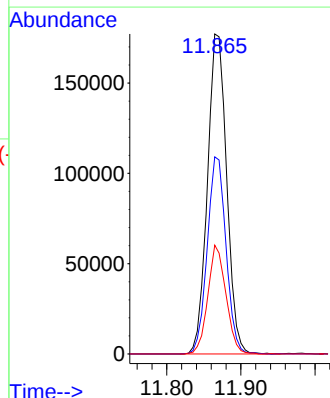
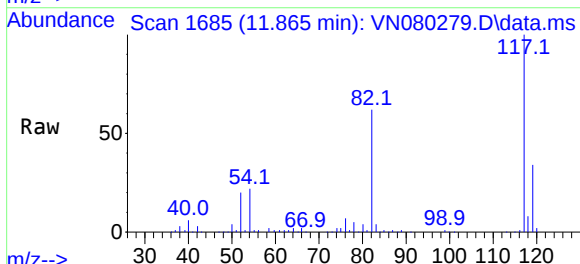
Instrument :
MSVOA_N
ClientSampleId :

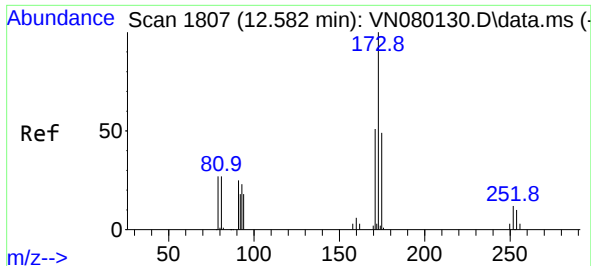
Tgt Ion: 95 Resp: 156627
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 73.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

Tgt Ion: 117 Resp: 319653
Ion Ratio Lower Upper
117 100
82 61.6 44.0 66.0
119 34.0 25.6 38.4

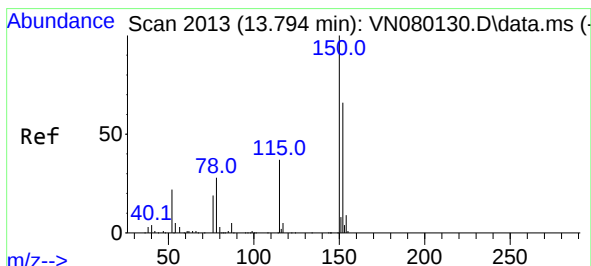
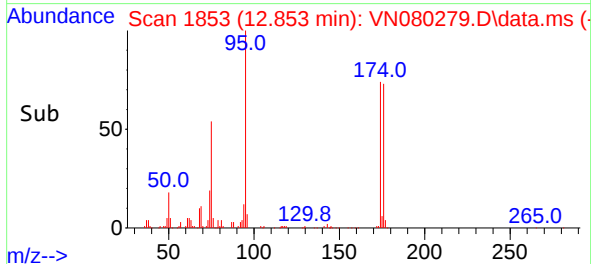
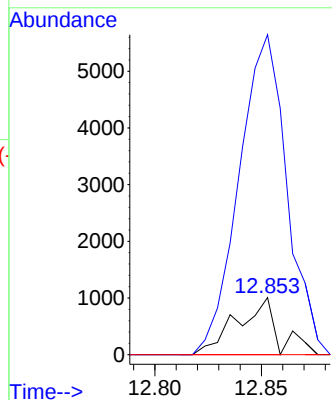
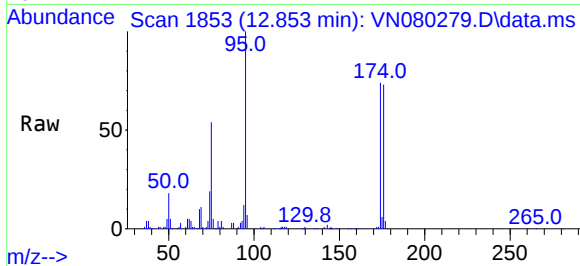




#71
Bromoform
Concen: 0.556 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

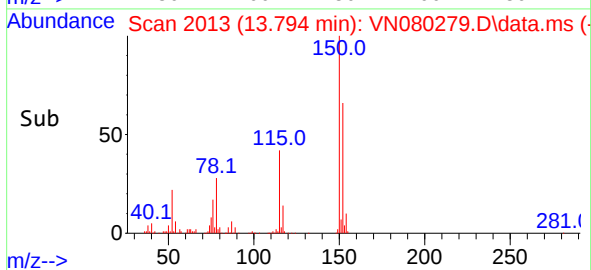
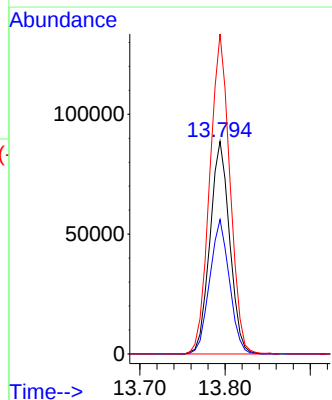
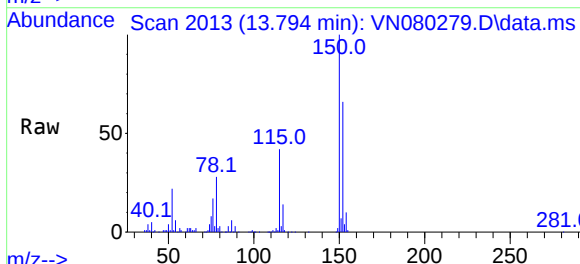
Instrument :
MSVOA_N
ClientSampleId :

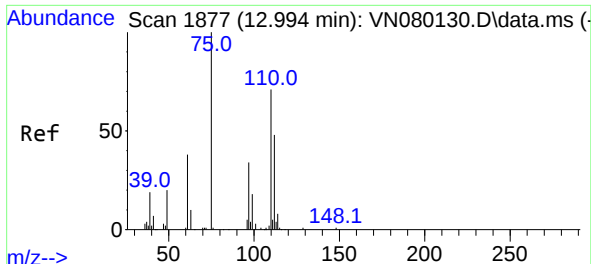
Tgt Ion:173 Resp: 1158
Ion Ratio Lower Upper
173 100
175 663.7 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

Tgt Ion:152 Resp: 142619
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 153.7 0.0 355.8

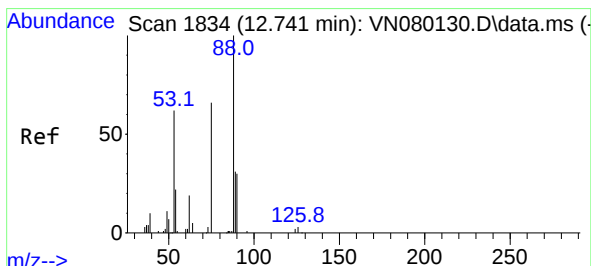
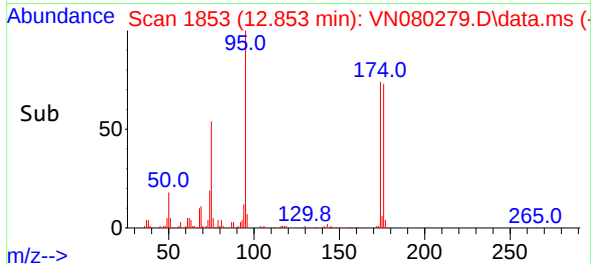
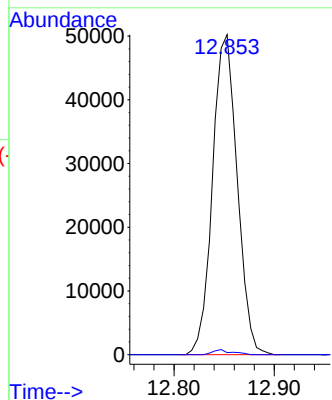
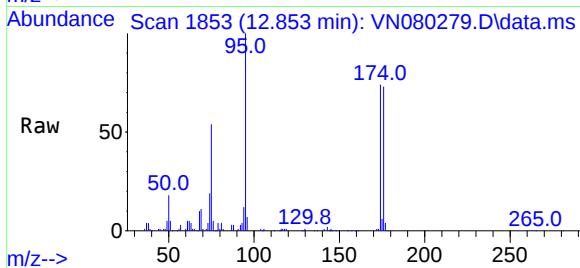




#76
1,2,3-Trichloropropane
Concen: 24.557 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 85813
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.969 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080279.D
Acq: 27 Nov 2023 16:48

Tgt Ion: 75 Resp: 85813
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

