

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080284.D
 Acq On : 27 Nov 2023 18:46
 Operator : JC\MD
 Sample : 05551-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 02:10:55 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)

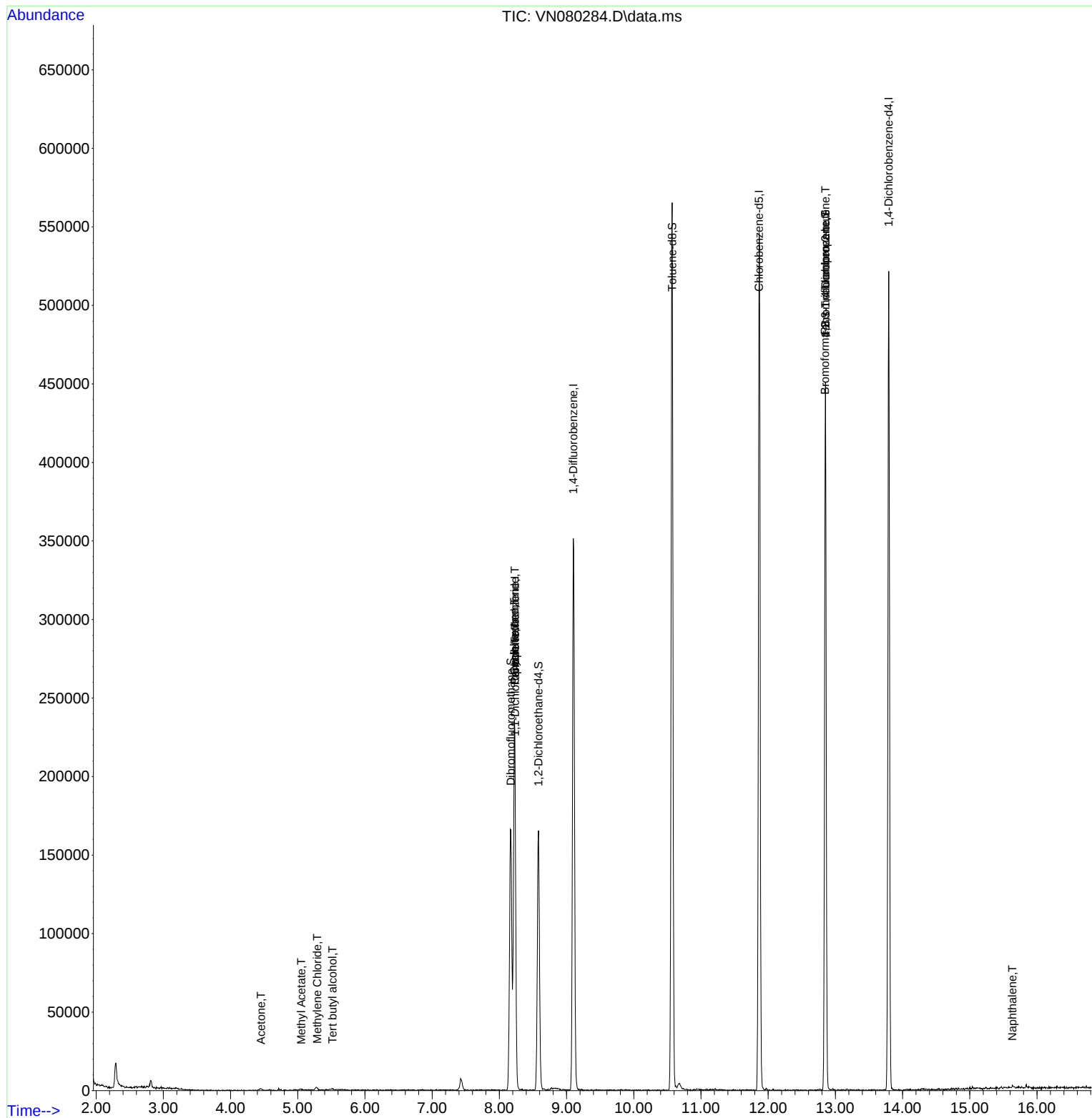
Internal Standards						
1) Pentafluorobenzene	8.229	168	163574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149538	55.367	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.740%	
35) Dibromofluoromethane	8.171	113	118464	53.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.900%	
50) Toluene-d8	10.570	98	402243	50.345	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.853	95	153690	50.927	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.860%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.136	64	47	Below Cal	#	43
11) Tert butyl alcohol	5.518	59	426	1.434	ug/l #	72
16) Acetone	4.453	43	1883	2.076	ug/l #	40
18) Methyl Acetate	5.053	43	1251	0.429	ug/l #	61
20) Methylene Chloride	5.288	84	1247	0.656	ug/l #	53
31) Cyclohexane	8.224	56	3445	1.173	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	14106	4.396	ug/l #	50
38) Carbon Tetrachloride	8.229	117	18720	4.597	ug/l #	15
71) Bromoform	12.847	173	478	0.227	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	86284	25.009	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	86284	84.494	ug/l #	15
95) Naphthalene	15.635	128	1881	0.234	ug/l #	76

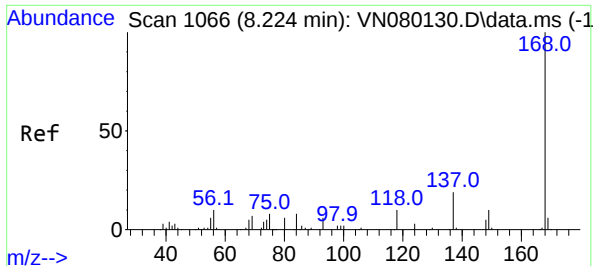
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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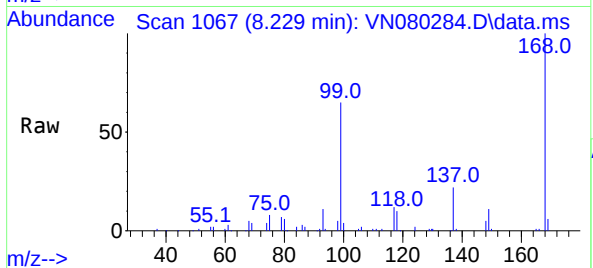
Quant Time: Nov 28 02:10:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration



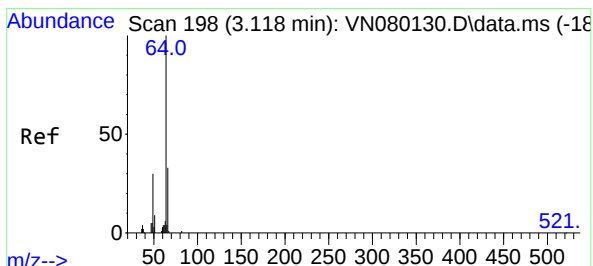
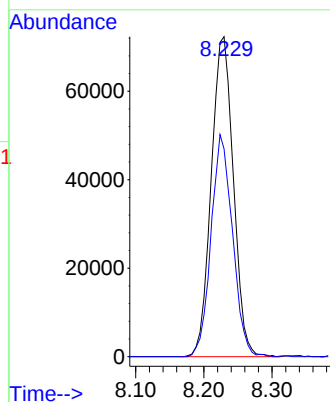
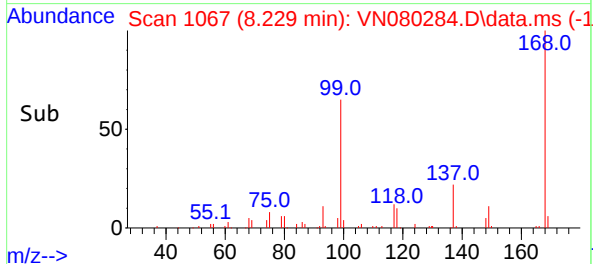


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :

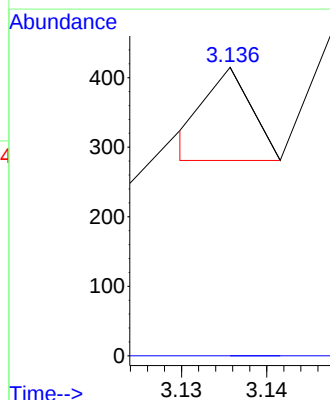
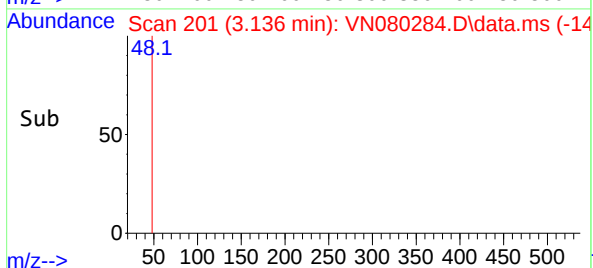
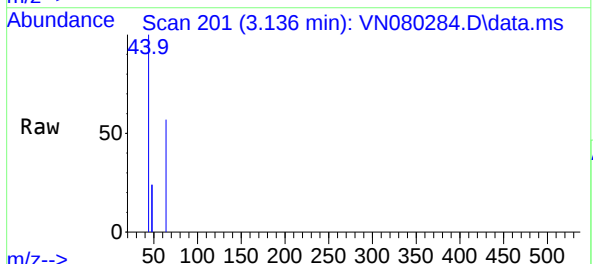


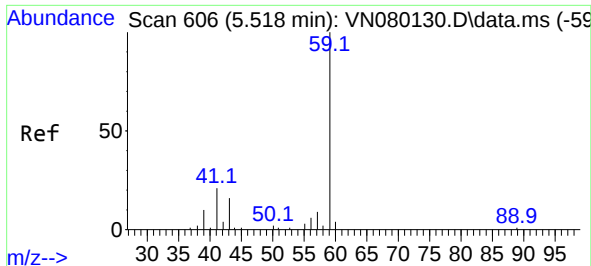
Tgt Ion:168 Resp: 163574
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Tgt Ion: 64 Resp: 47
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

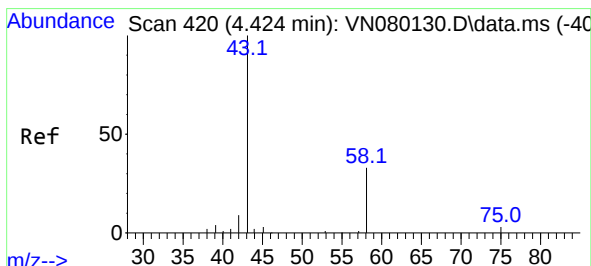
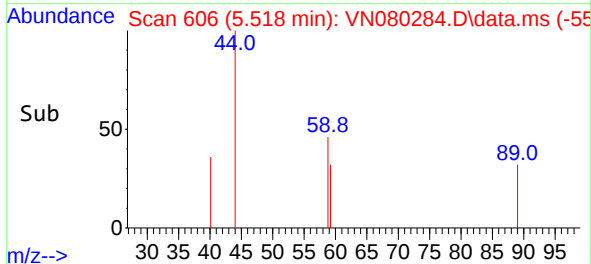
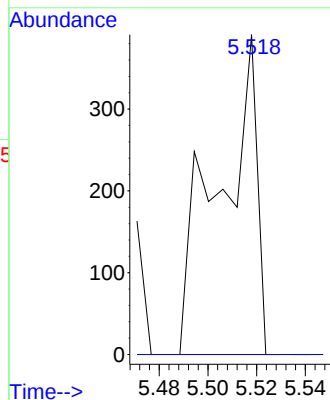
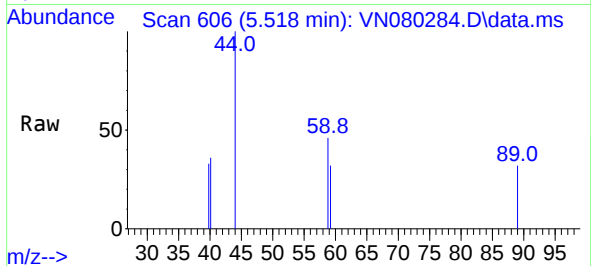




#11
Tert butyl alcohol
Concen: 1.434 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

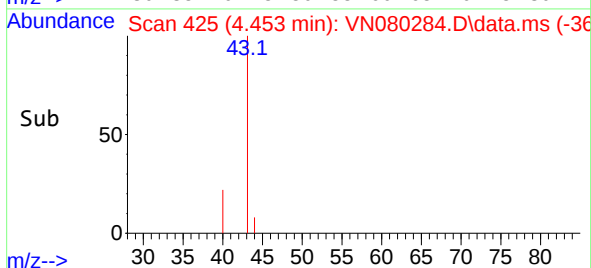
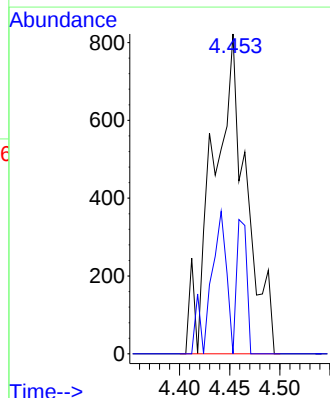
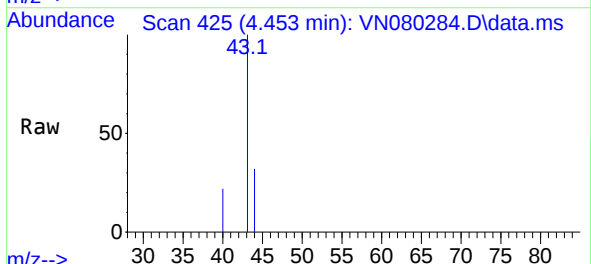
Instrument :
MSVOA_N
ClientSampleId :

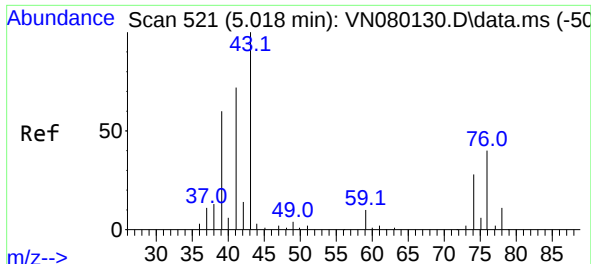
Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 2.076 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

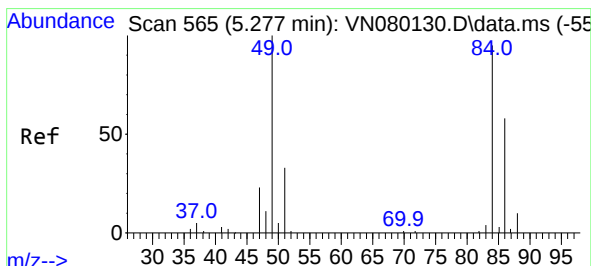
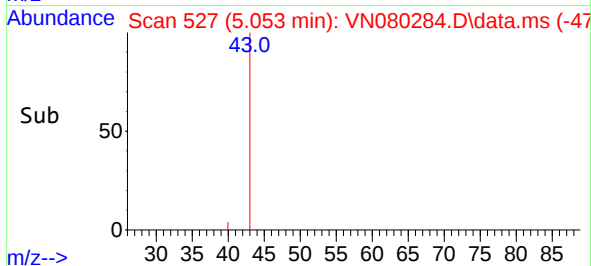
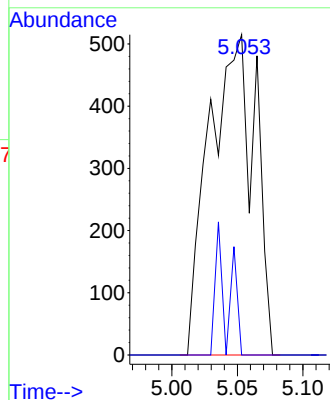
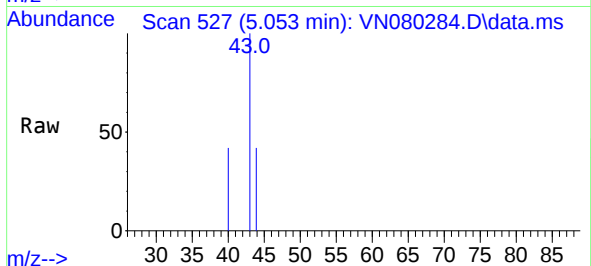




#18
Methyl Acetate
Concen: 0.429 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.035 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

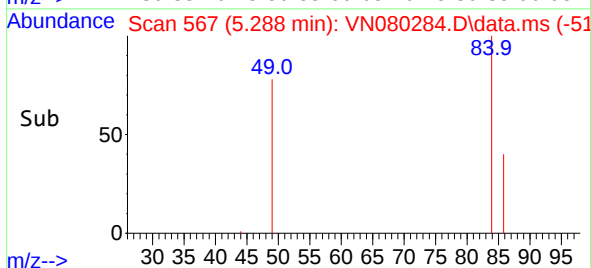
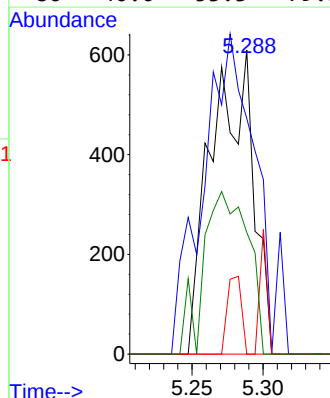
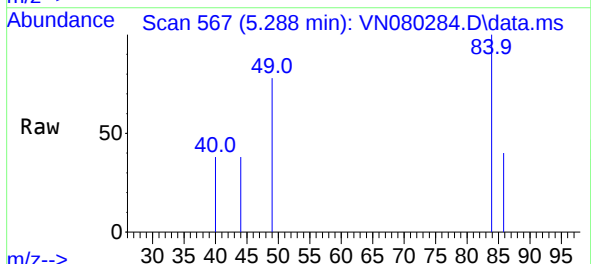
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MSVOA_N
ClientSampleId :

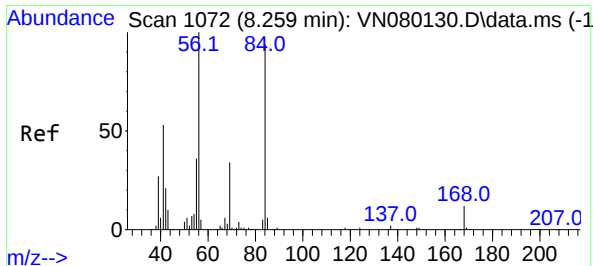
Tgt Ion: 43 Resp: 1251
Ion Ratio Lower Upper
43 100
74 11.0 26.2 39.4#



#20
Methylene Chloride
Concen: 0.656 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.011 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

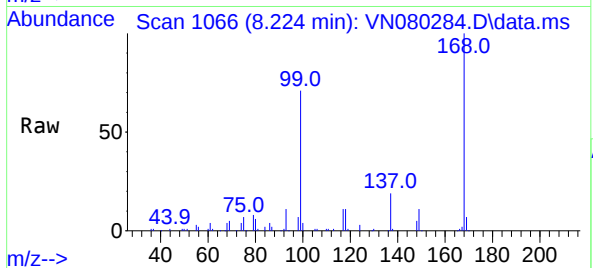
Tgt Ion: 84 Resp: 1247
Ion Ratio Lower Upper
84 100
49 46.9 79.7 119.5#
51 0.0 25.2 37.8#
86 40.0 53.3 79.9#



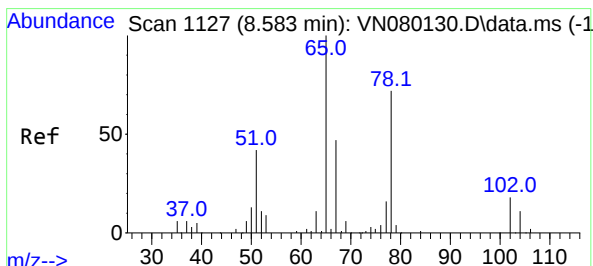
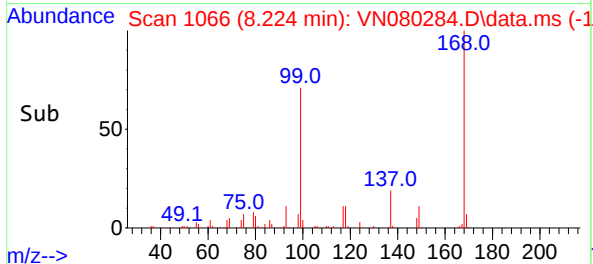
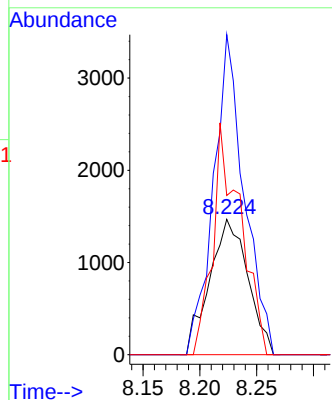


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.036 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :

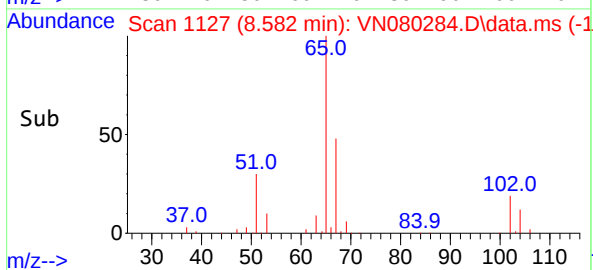
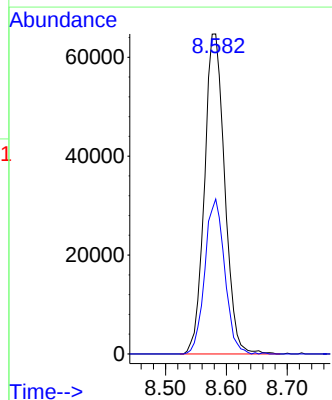
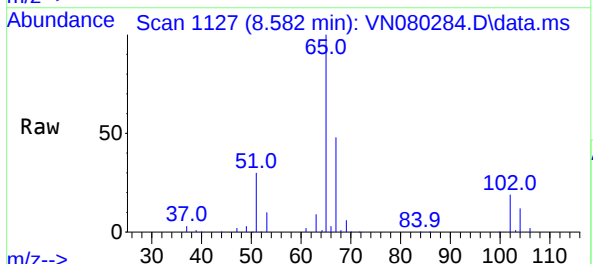


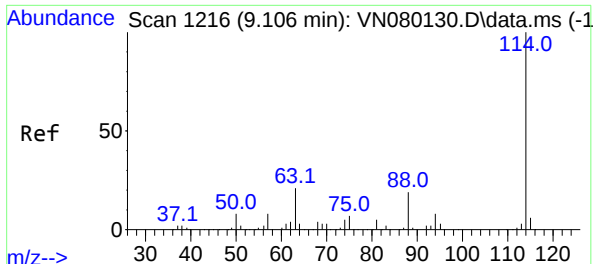
Tgt Ion: 56 Resp: 3445
Ion Ratio Lower Upper
56 100
69 236.3 26.8 40.2#
84 117.6 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 55.367 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Tgt Ion: 65 Resp: 149538
Ion Ratio Lower Upper
65 100
67 47.4 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: VN080284.D

Acq: 27 Nov 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

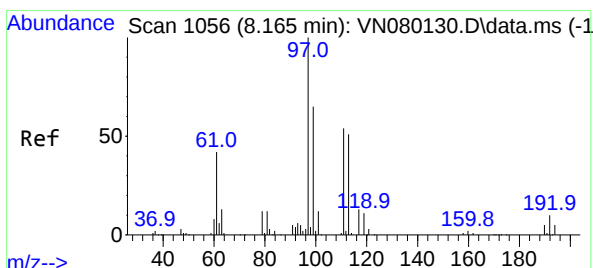
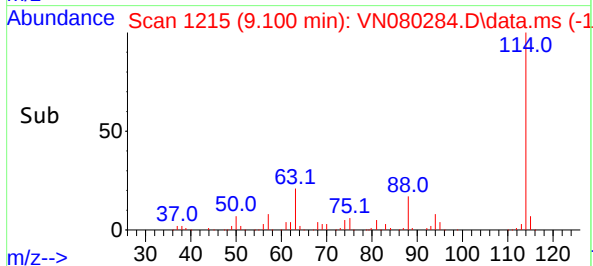
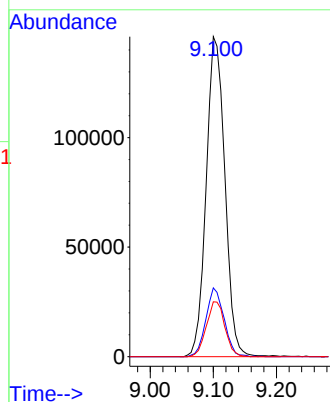
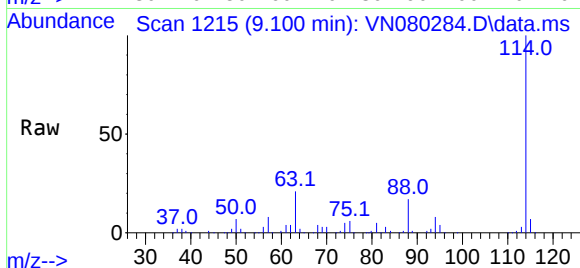
Tgt Ion:114 Resp: 300383

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.448 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080284.D

Acq: 27 Nov 2023 18:46

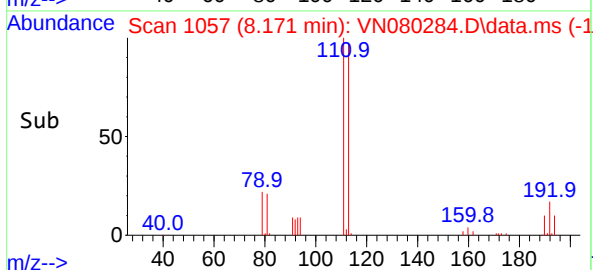
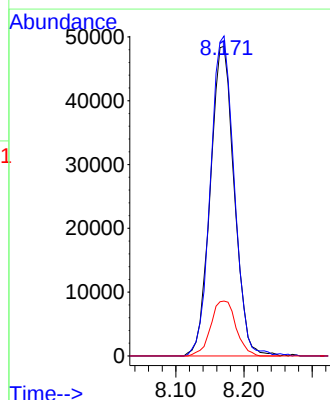
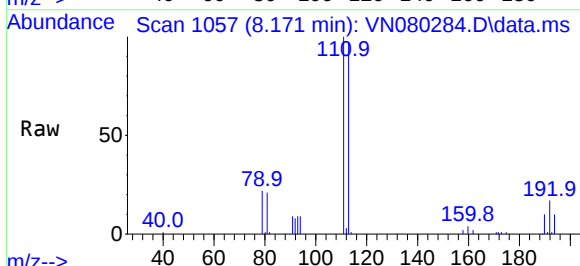
Tgt Ion:113 Resp: 118464

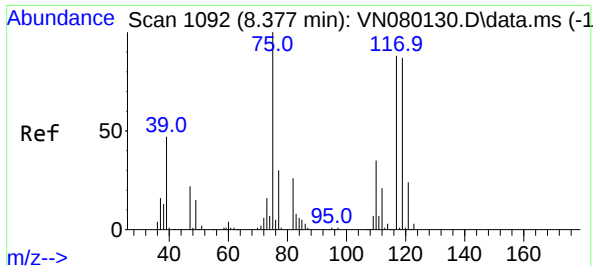
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

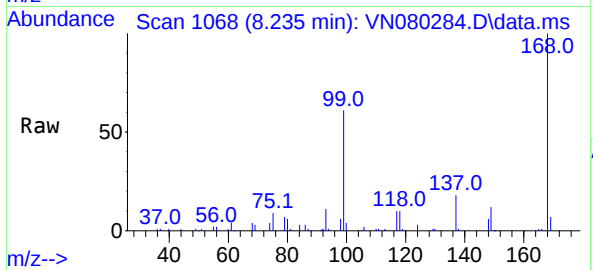
192 18.7 12.7 19.1



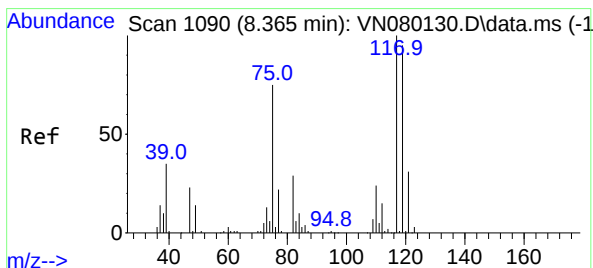
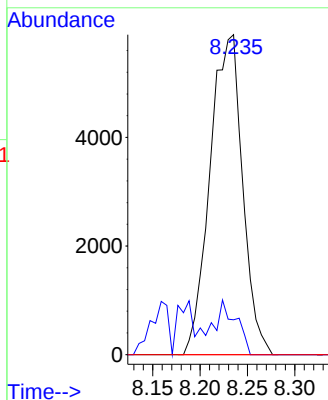
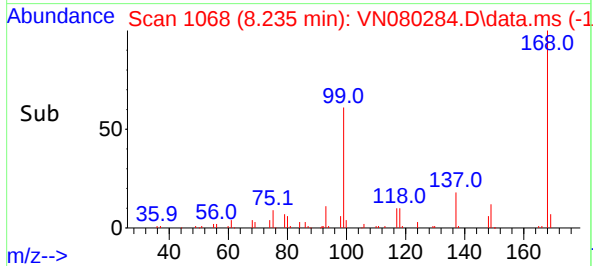


#36
1,1-Dichloropropene
Concen: 4.396 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

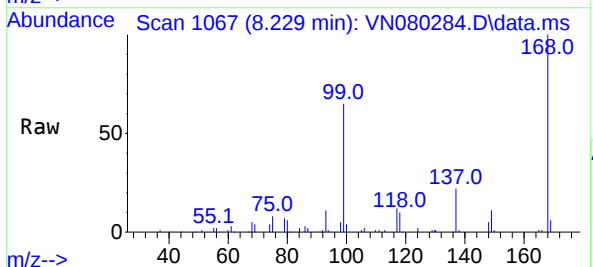
Instrument :
MSVOA_N
ClientSampleId :



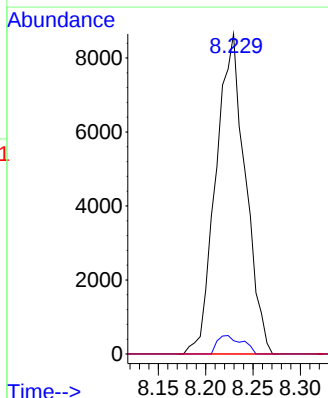
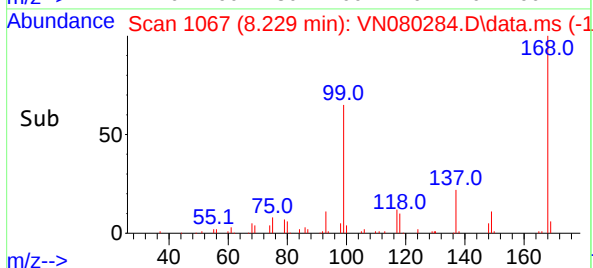
Tgt Ion: 75 Resp: 14106
Ion Ratio Lower Upper
75 100
110 10.9 19.1 57.3#
77 0.0 25.0 37.4#

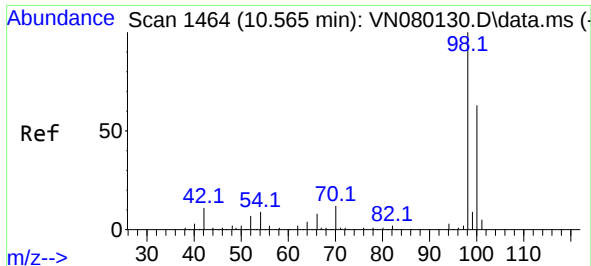


#38
Carbon Tetrachloride
Concen: 4.597 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46



Tgt Ion: 117 Resp: 18720
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 23.3 34.9#

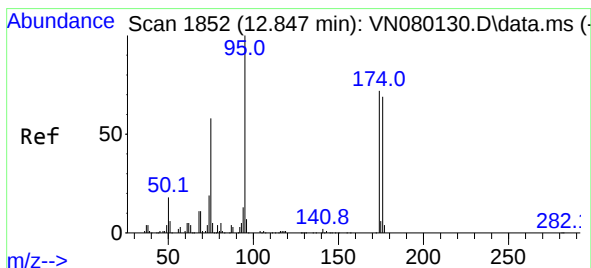
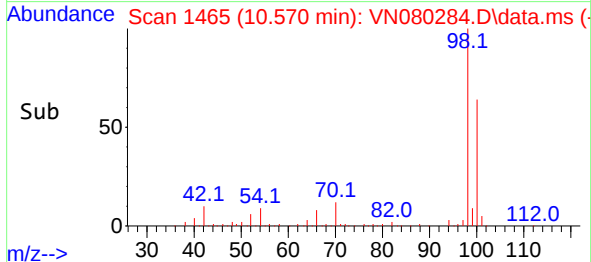
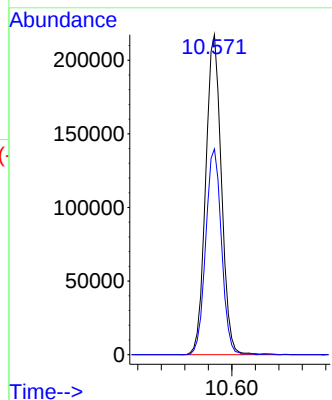
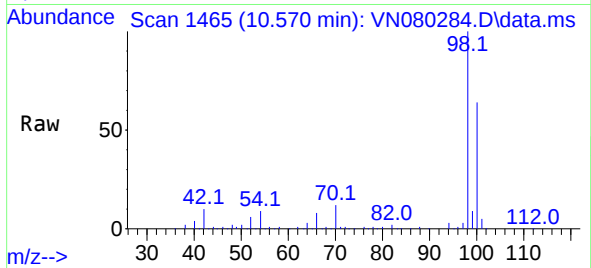




#50
Toluene-d8
Concen: 50.345 ug/l
RT: 10.570 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

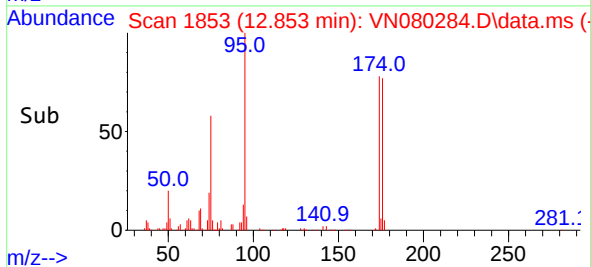
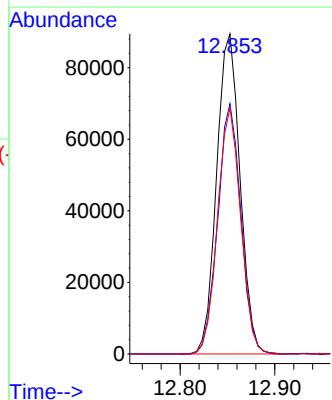
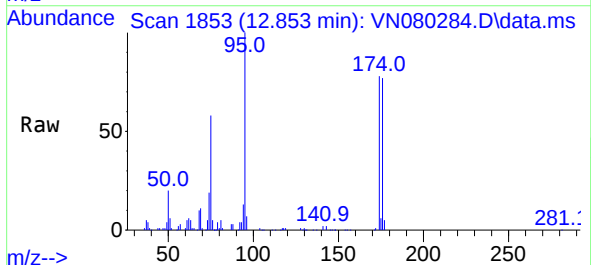
Instrument :
MSVOA_N
ClientSampleId :

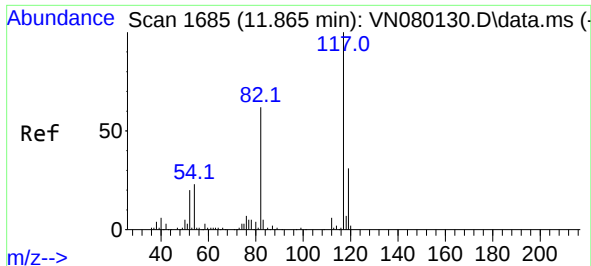
Tgt Ion: 98 Resp: 402243
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.927 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

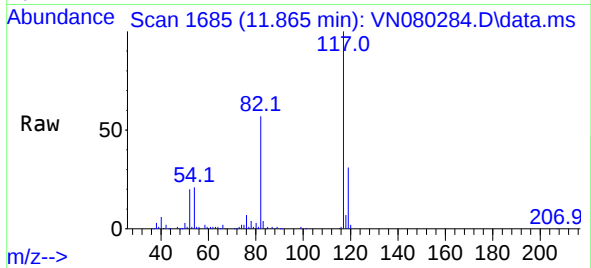
Tgt Ion: 95 Resp: 153690
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 75.8 0.0 135.8



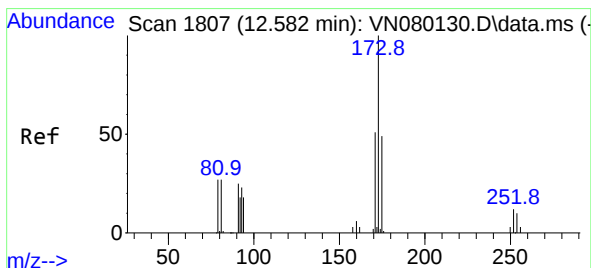
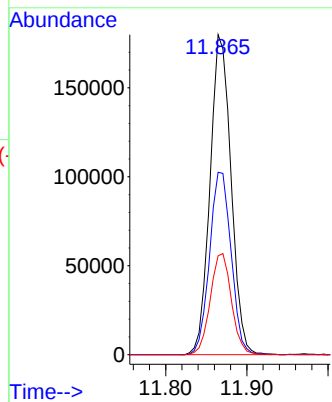
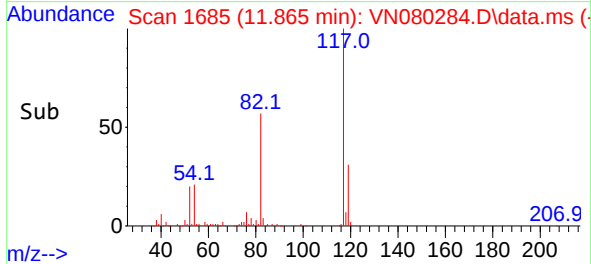


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :

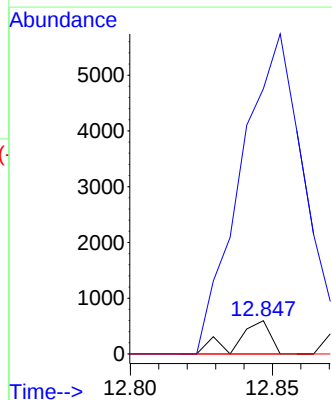
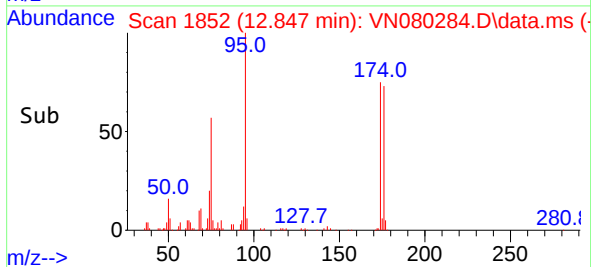
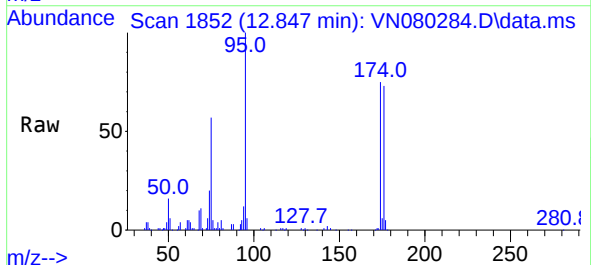


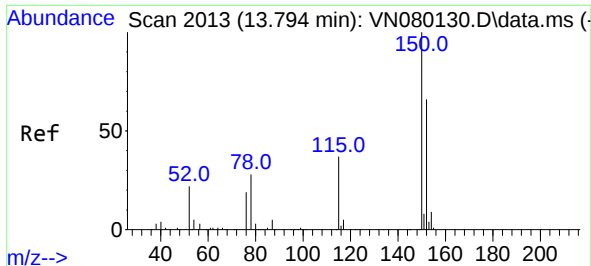
Tgt Ion:117 Resp: 323228
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 30.9 25.6 38.4



#71
Bromoform
Concen: 0.227 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.264 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

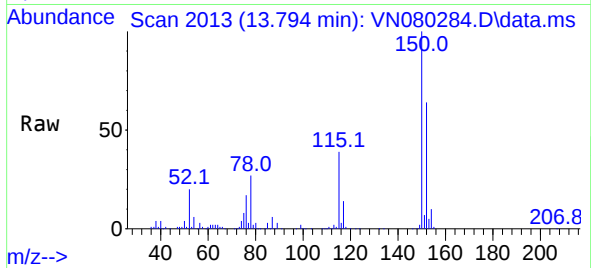
Tgt Ion:173 Resp: 478
Ion Ratio Lower Upper
173 100
175 1624.5 24.3 73.0#
254 0.0 0.0 0.0



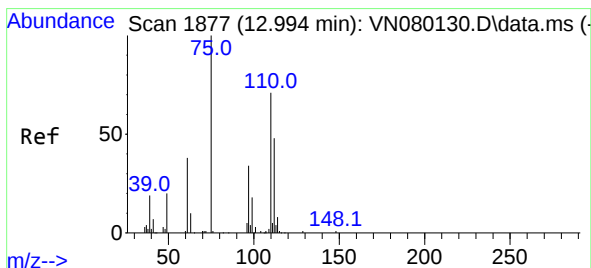
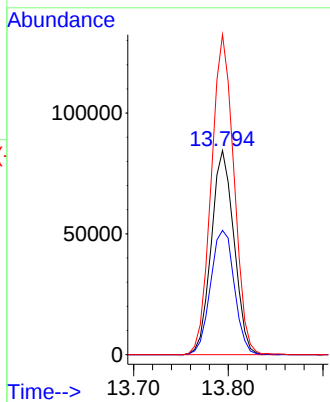
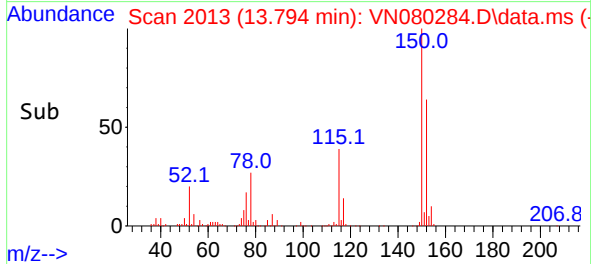


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :

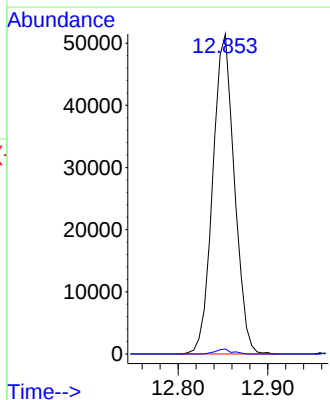
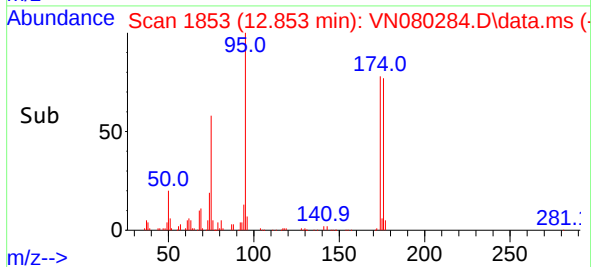
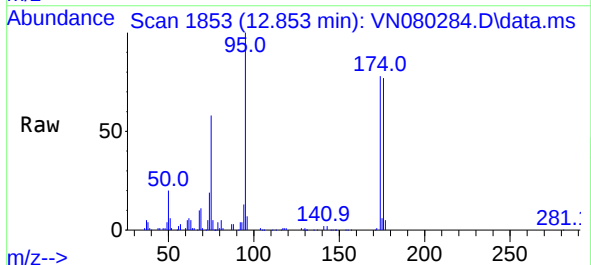


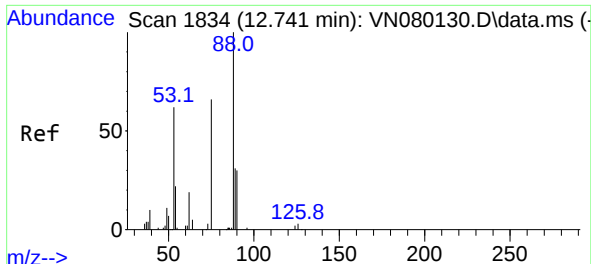
Tgt Ion:152 Resp: 140813
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 156.5 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 25.009 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

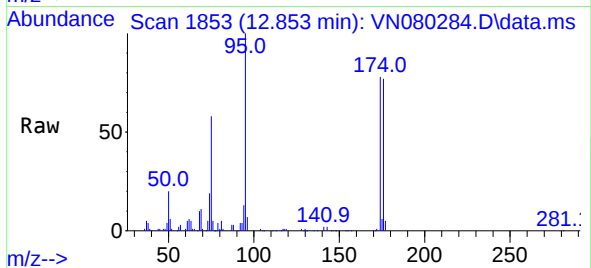
Tgt Ion: 75 Resp: 86284
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



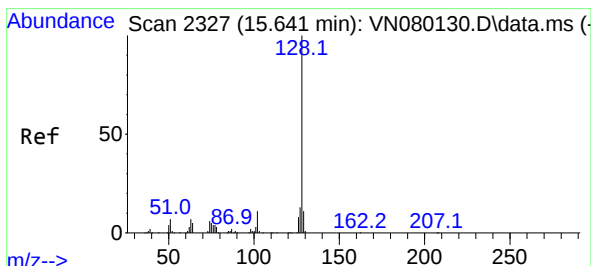
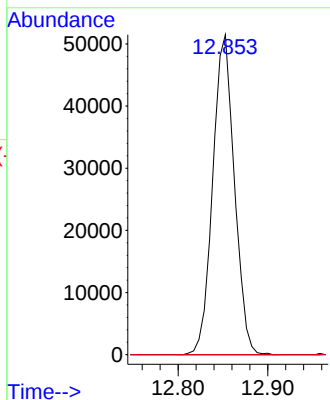
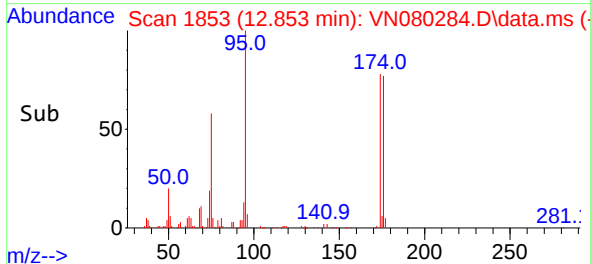


#81
trans-1,4-Dichloro-2-butene
Concen: 84.494 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 86284
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.234 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Tgt Ion:128 Resp: 1881
Ion Ratio Lower Upper
128 100
127 4.6 10.0 15.0#
129 0.0 8.7 13.1#

