

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075875.D
 Acq On : 19 Dec 2022 16:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 01:30:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

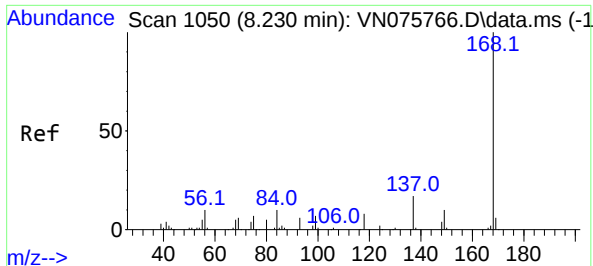
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	385695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	588954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	525103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	191022	45.525	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.040%		
35) Dibromofluoromethane	8.177	113	177237	48.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	10.571	98	691221	50.688	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.380%		
62) 4-Bromofluorobenzene	12.853	95	224524	49.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.420%		
Target Compounds						
20) Methylene Chloride	5.306	84	1433	Below Cal	#	74
31) Cyclohexane	8.224	56	7250	1.206	ug/l #	26
36) 1,1-Dichloropropene	8.230	75	27064	5.586	ug/l #	48
38) Carbon Tetrachloride	8.235	117	37923	6.993	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2507	0.646	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	112539	24.379	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	112539	87.753	ug/l #	12
95) Naphthalene	15.647	128	3271	2.429	ug/l #	80

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

Quant Time: Dec 20 01:30:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

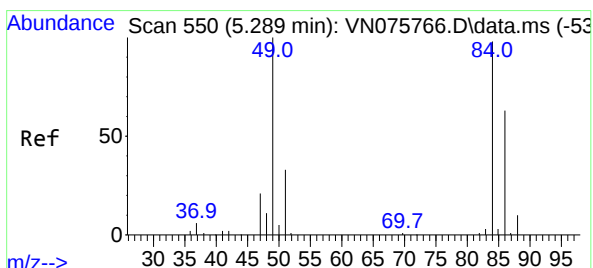
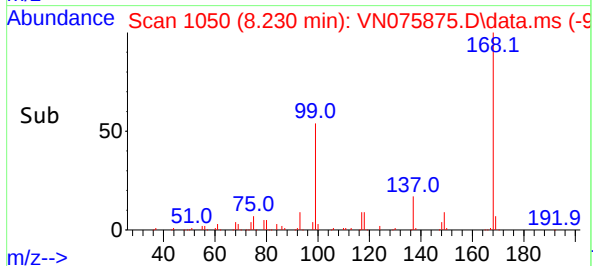
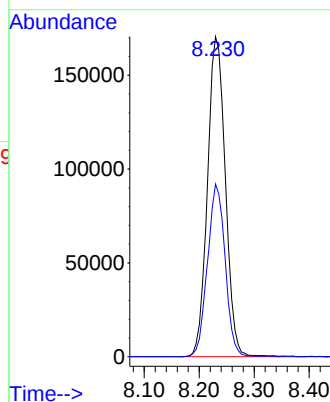
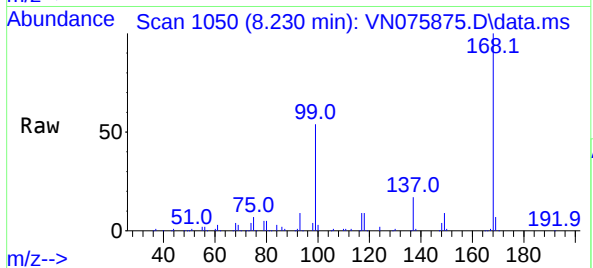




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

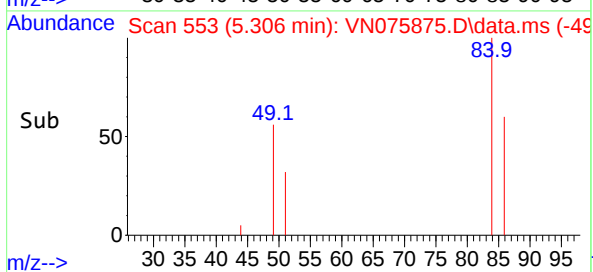
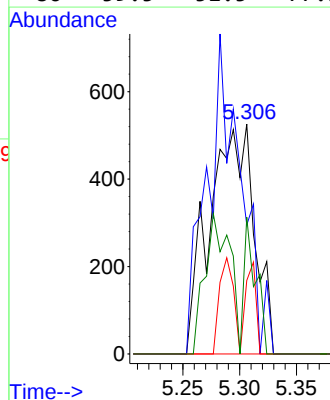
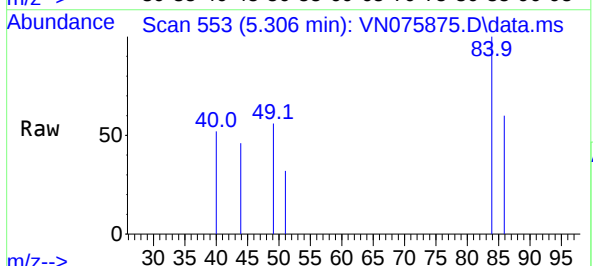
Instrument :
MSVOA_N
ClientSampleId :

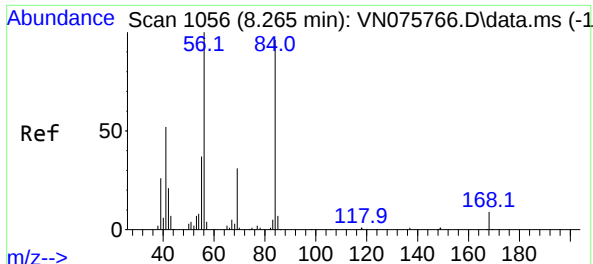
Tgt Ion:168 Resp: 385695
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 553
Delta R.T. 0.017 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

Tgt Ion: 84 Resp: 1433
Ion Ratio Lower Upper
84 100
49 56.1 81.8 122.6#
51 31.9 26.7 40.1
86 59.5 51.5 77.3





#31

Cyclohexane

Concen: 1.206 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.041 min

Lab File: VN075875.D

Acq: 19 Dec 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

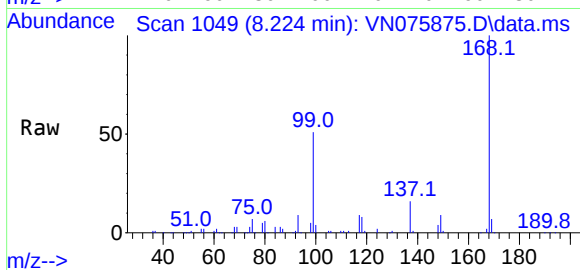
Tgt Ion: 56 Resp: 7250

Ion Ratio Lower Upper

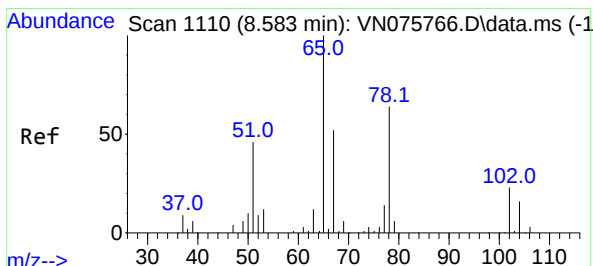
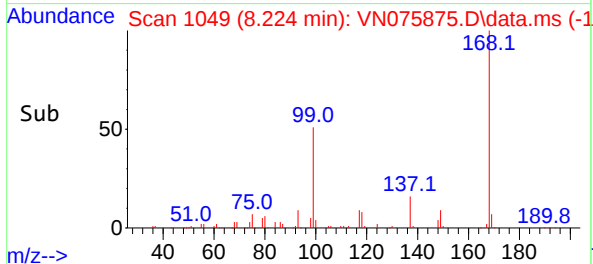
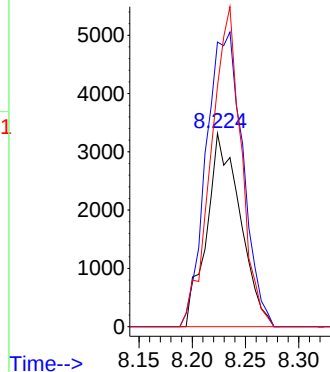
56 100

69 147.3 24.7 37.1#

84 124.3 76.5 114.7#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 45.525 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075875.D

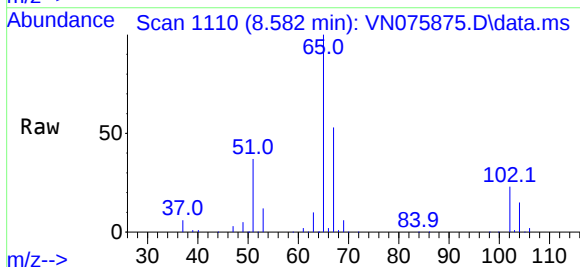
Acq: 19 Dec 2022 16:46

Tgt Ion: 65 Resp: 191022

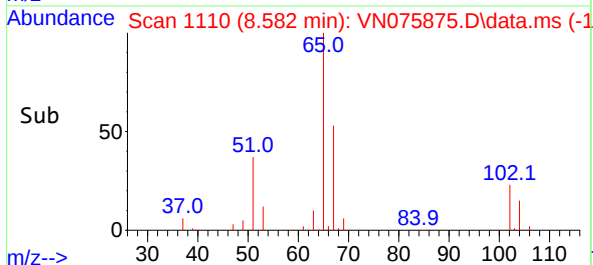
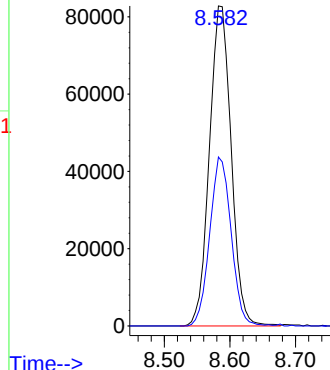
Ion Ratio Lower Upper

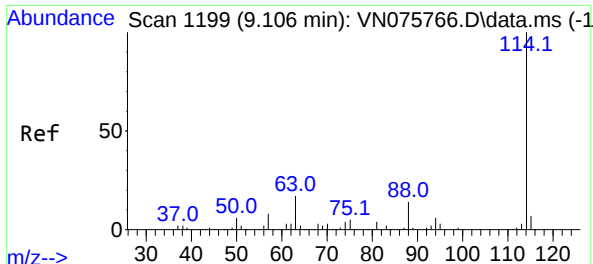
65 100

67 52.0 0.0 103.4



Abundance

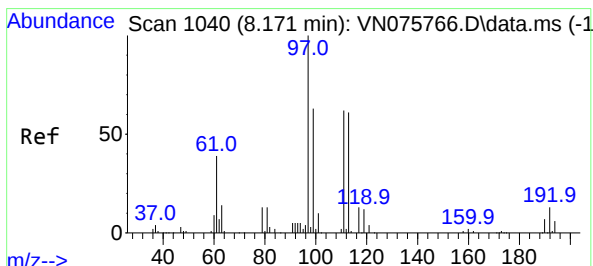
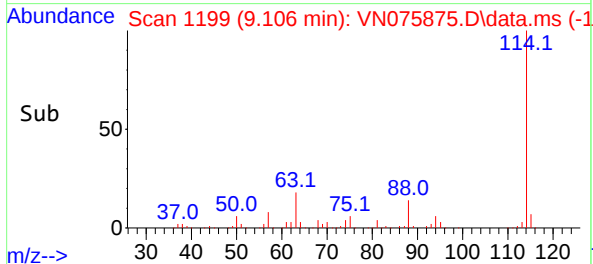
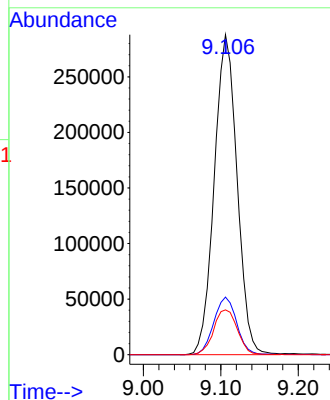
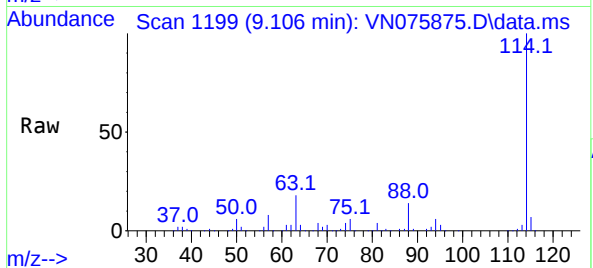




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

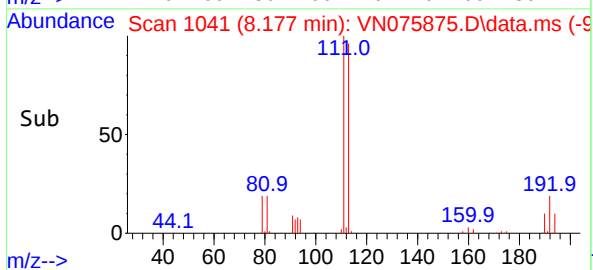
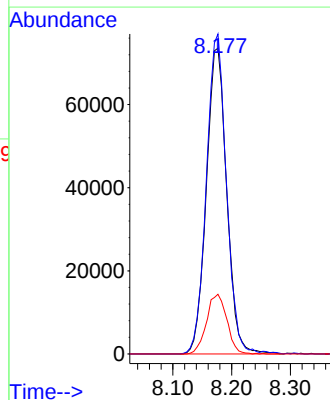
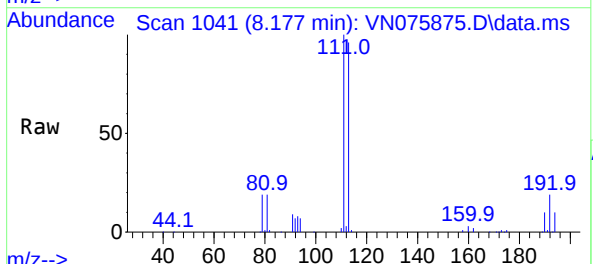
Instrument :
MSVOA_N
ClientSampleId :

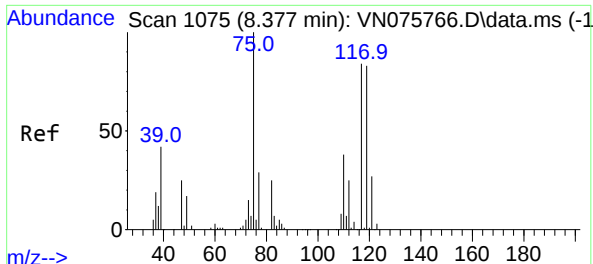
Tgt Ion:114 Resp: 588954
Ion Ratio Lower Upper
114 100
63 18.0 0.0 34.4
88 14.0 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.594 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

Tgt Ion:113 Resp: 177237
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.2
192 19.4 16.1 24.1

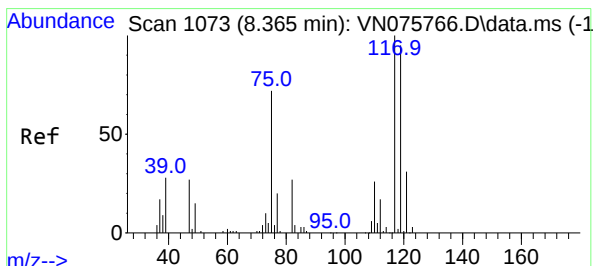
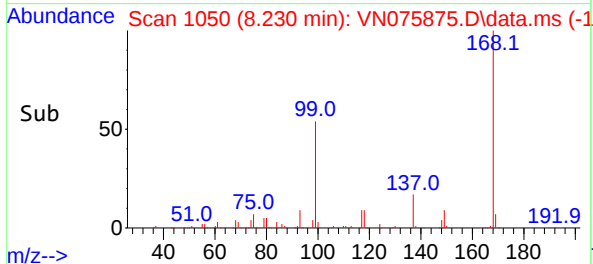
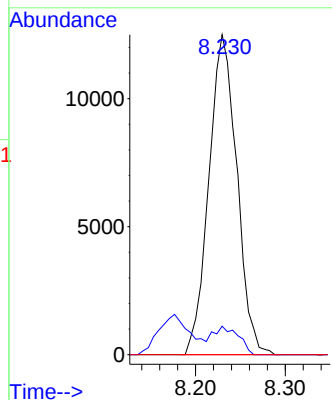
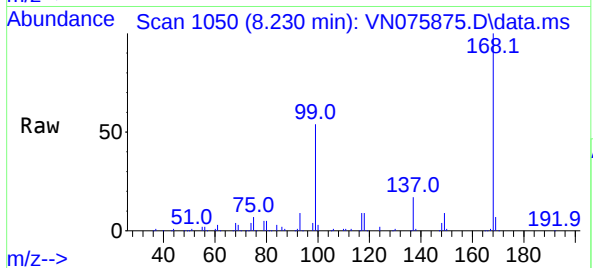




#36
1,1-Dichloropropene
Concen: 5.586 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.147 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

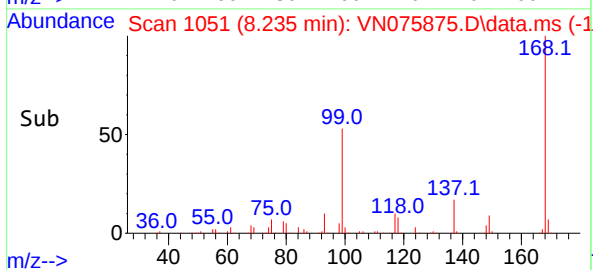
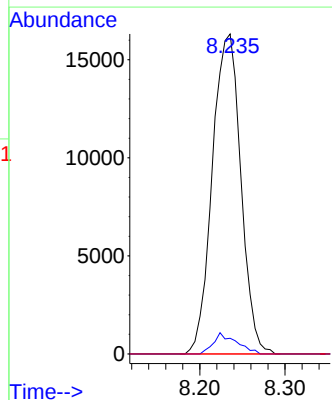
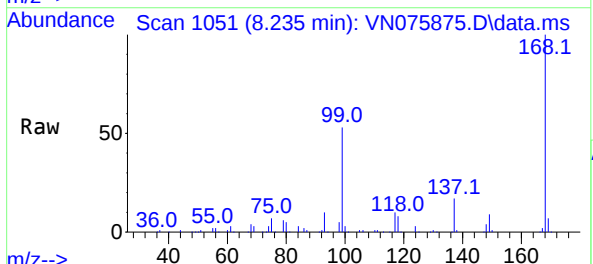
Instrument :
MSVOA_N
ClientSampleId :

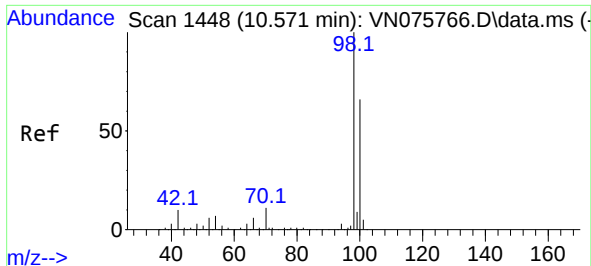
Tgt Ion: 75 Resp: 27064
Ion Ratio Lower Upper
75 100
110 8.1 18.8 56.4#
77 0.0 24.1 36.1#



#38
Carbon Tetrachloride
Concen: 6.993 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

Tgt Ion: 117 Resp: 37923
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.5 36.7#

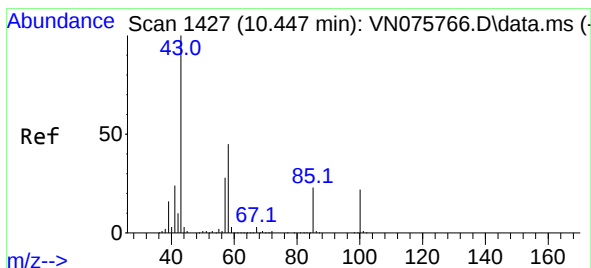
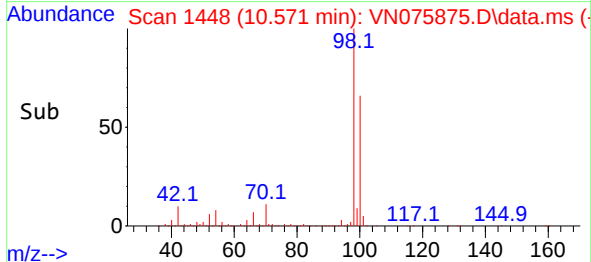
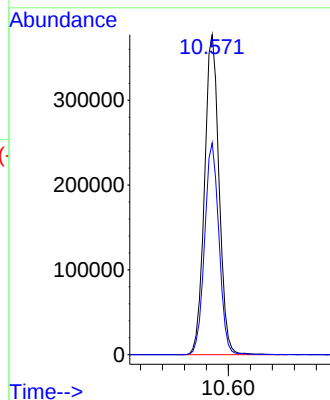
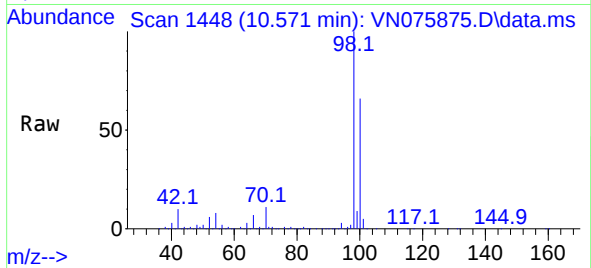




#50
Toluene-d8
Concen: 50.688 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

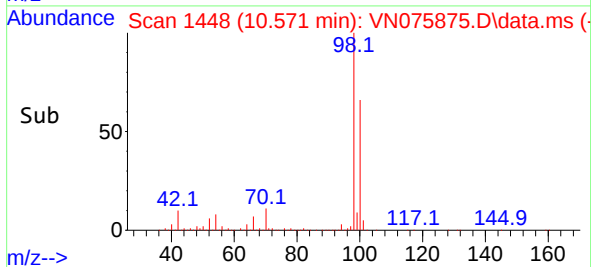
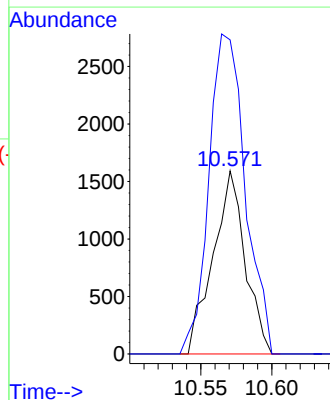
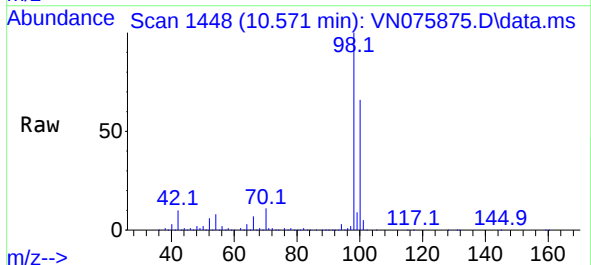
Instrument :
MSVOA_N
ClientSampleId :

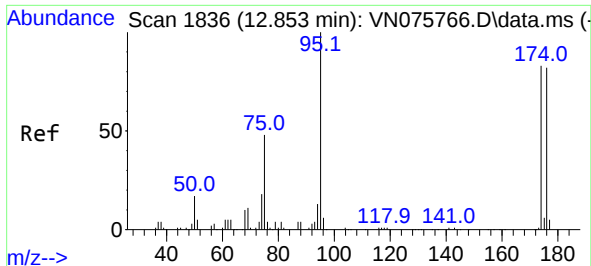
Tgt Ion: 98 Resp: 691221
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

Tgt Ion: 43 Resp: 2507
Ion Ratio Lower Upper
43 100
58 197.7 35.5 53.3#

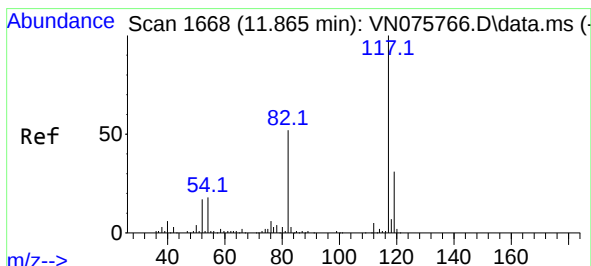
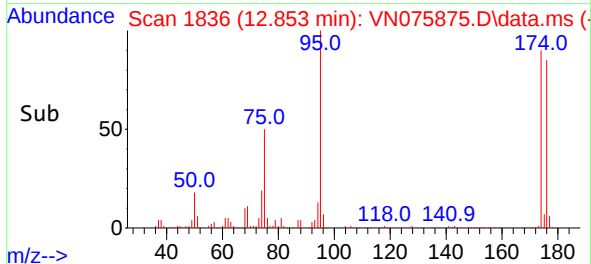
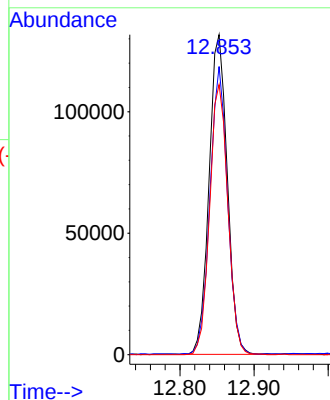
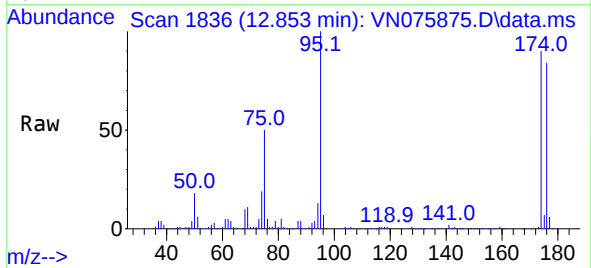




#62
4-Bromofluorobenzene
Concen: 49.710 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

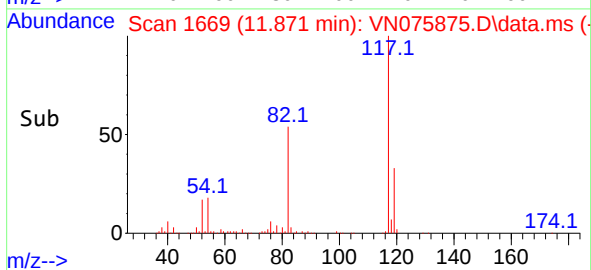
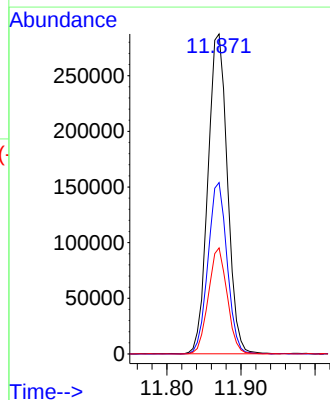
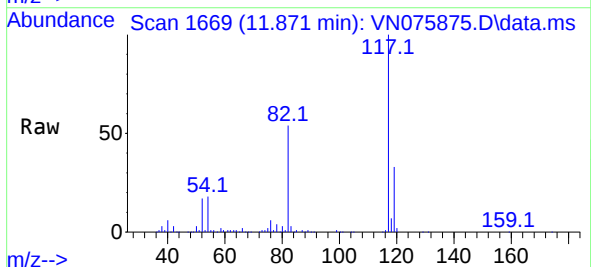
Instrument :
MSVOA_N
ClientSampleId :

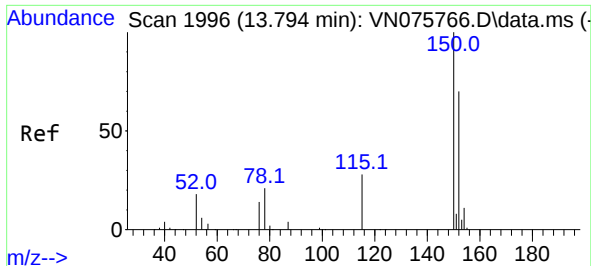
Tgt Ion: 95 Resp: 224524
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

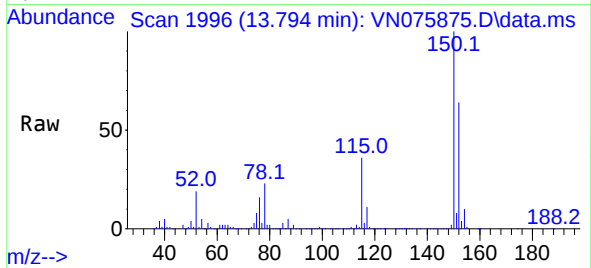
Tgt Ion:117 Resp: 525103
Ion Ratio Lower Upper
117 100
82 53.6 41.3 61.9
119 33.2 24.6 37.0



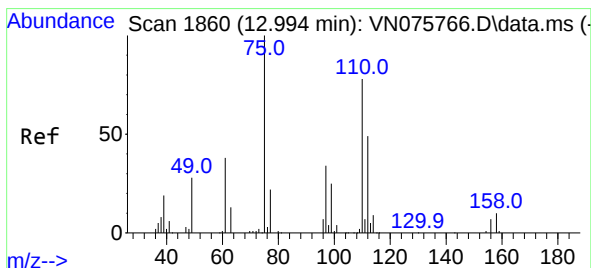
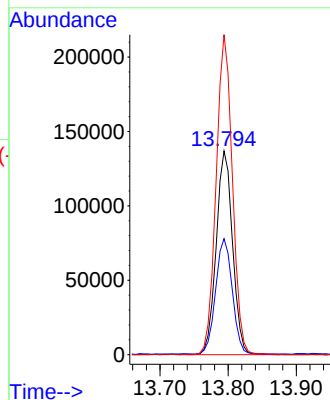
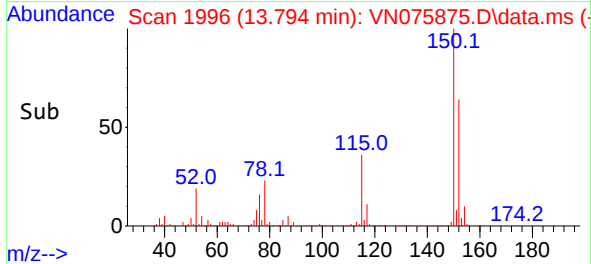


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :

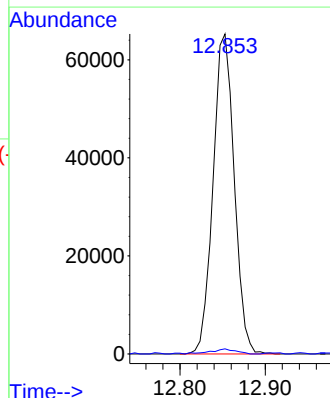
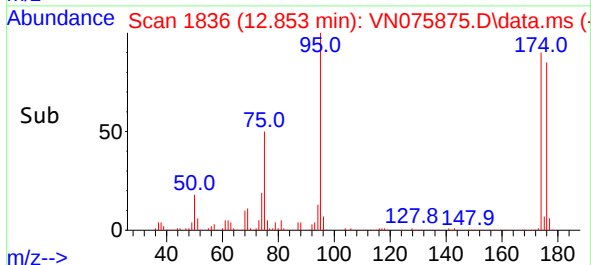
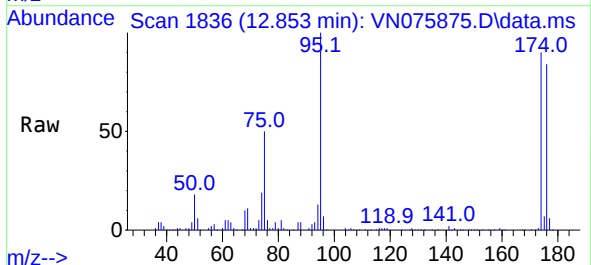


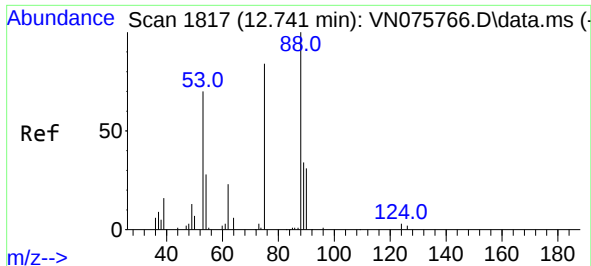
Tgt Ion:152 Resp: 229006
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.4
150 155.8 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.379 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

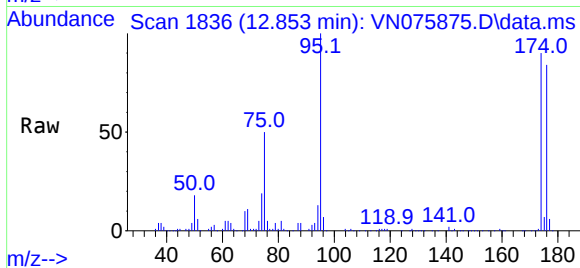
Tgt Ion: 75 Resp: 112539
Ion Ratio Lower Upper
75 100
77 1.9 82.6 247.8#



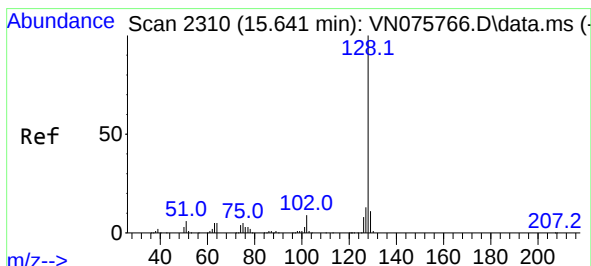
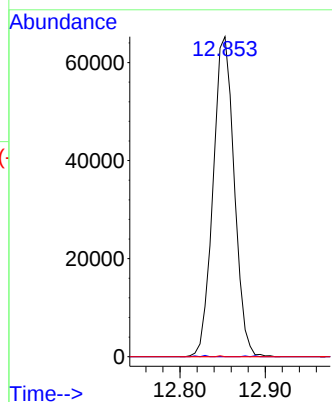
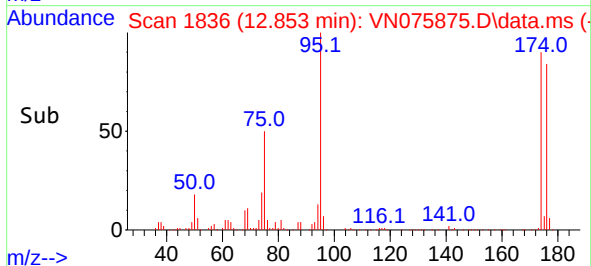


#81
trans-1,4-Dichloro-2-butene
Concen: 87.753 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 112539
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#



#95
Naphthalene
Concen: 2.429 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075875.D
Acq: 19 Dec 2022 16:46

Tgt Ion:128 Resp: 3271
Ion Ratio Lower Upper
128 100
127 19.9 10.4 15.6#
129 19.9 8.7 13.1#

