

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075853.D
 Acq On : 16 Dec 2022 17:26
 Operator : JC\MD
 Sample : N6107-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLE-TANK-18-19-20-21-23

Quant Time: Dec 17 08:42:07 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)

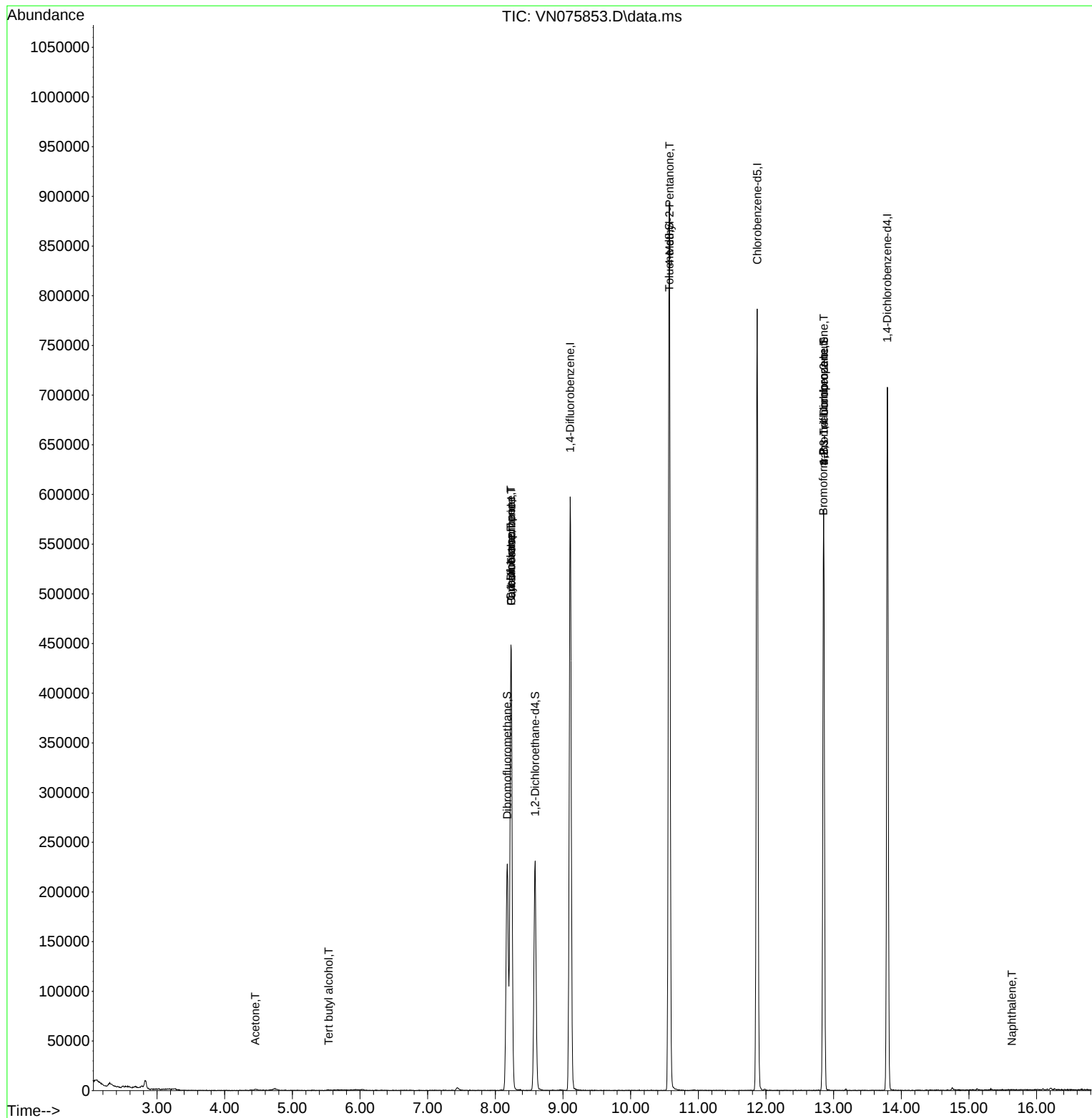
Internal Standards						
1) Pentafluorobenzene	8.236	168	349611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	185415	48.749	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.500%		
35) Dibromofluoromethane	8.177	113	166096	48.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.960%		
50) Toluene-d8	10.571	98	637621	49.771	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.540%		
62) 4-Bromofluorobenzene	12.853	95	199133	46.931	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.860%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.536	59	195	0.362	ug/l #	72
16) Acetone	4.453	43	1861	1.419	ug/l	98
20) Methylene Chloride	5.289	84	157	Below Cal	#	12
31) Cyclohexane	8.230	56	6158	1.130	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	25484	5.599	ug/l #	49
38) Carbon Tetrachloride	8.236	117	34072	6.688	ug/l #	16
51) 4-Methyl-2-Pentanone	10.577	43	2404	0.659	ug/l #	1
71) Bromoform	12.847	173	1907	0.718	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	99863	24.729	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	99863	89.010	ug/l #	12
95) Naphthalene	15.635	128	711	2.240	ug/l #	69

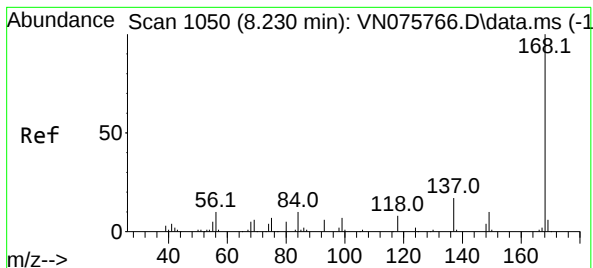
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075853.D

Acq: 16 Dec 2022 17:26

Instrument :

MSVOA_N

ClientSampleId :

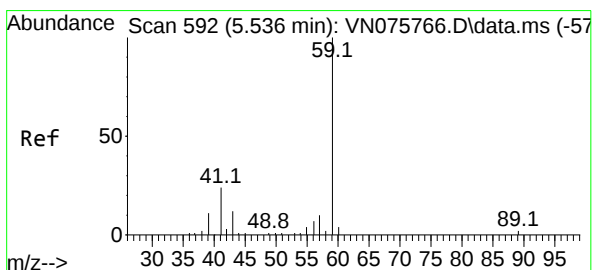
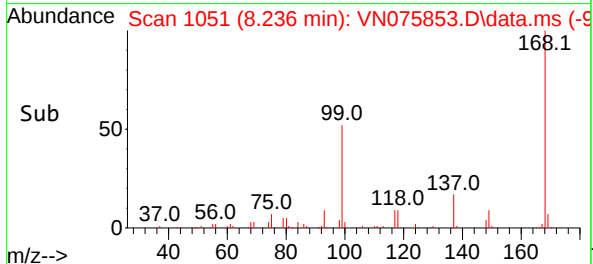
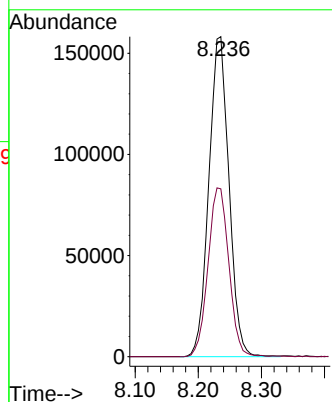
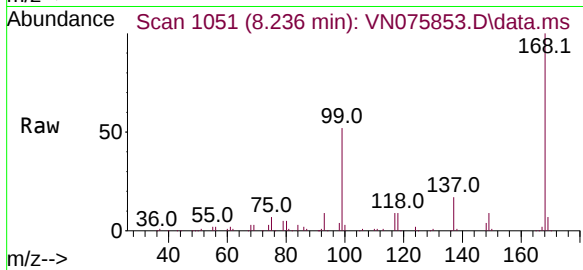
COMP-SAMPLE-TANK-18-19-20-21-23

Tgt Ion:168 Resp: 349611

Ion Ratio Lower Upper

168 100

99 52.5 44.2 66.4



#11

Tert butyl alcohol

Concen: 0.362 ug/l

RT: 5.536 min Scan# 592

Delta R.T. 0.000 min

Lab File: VN075853.D

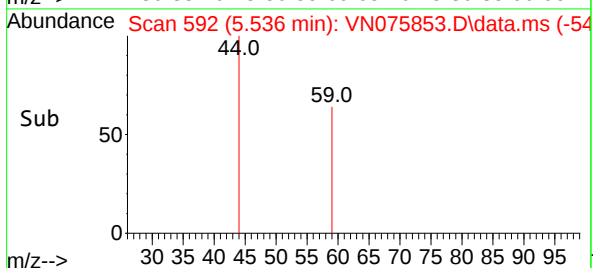
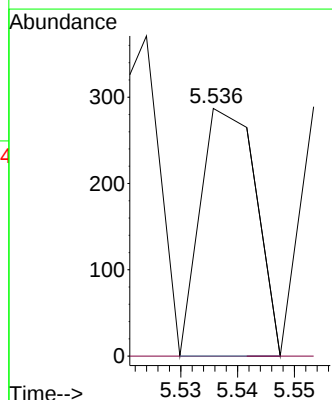
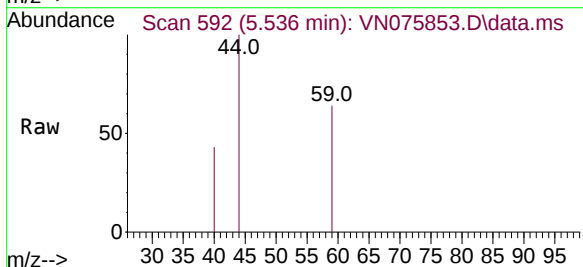
Acq: 16 Dec 2022 17:26

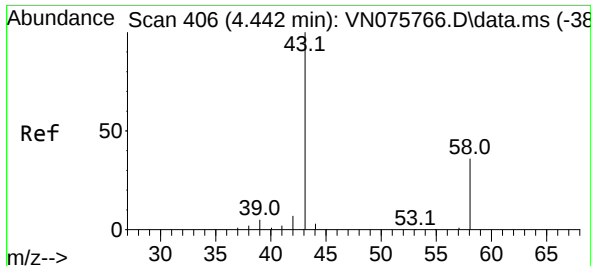
Tgt Ion: 59 Resp: 195

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#

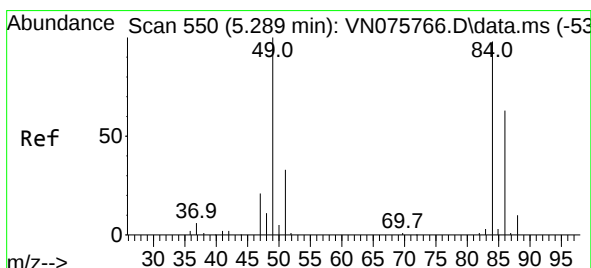
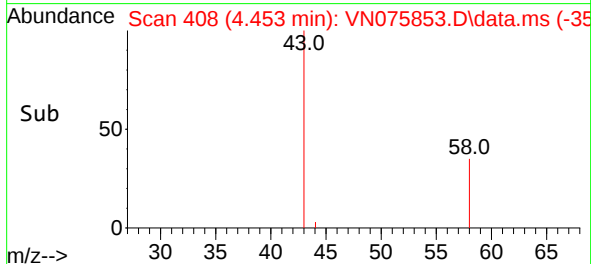
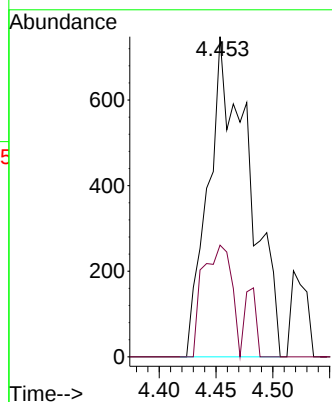
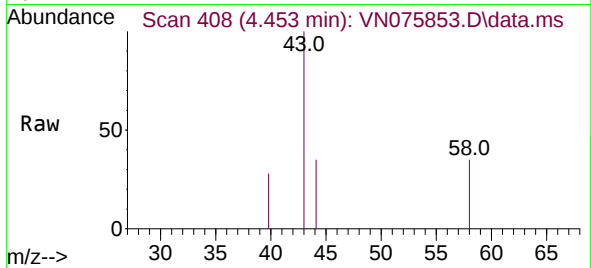




#16
Acetone
Concen: 1.419 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

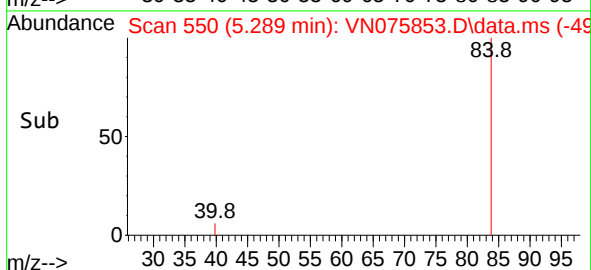
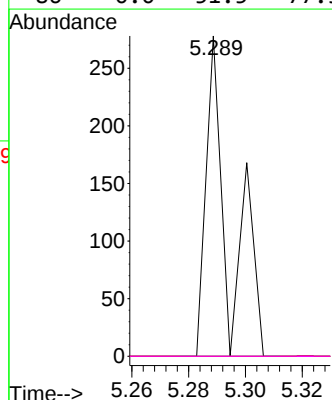
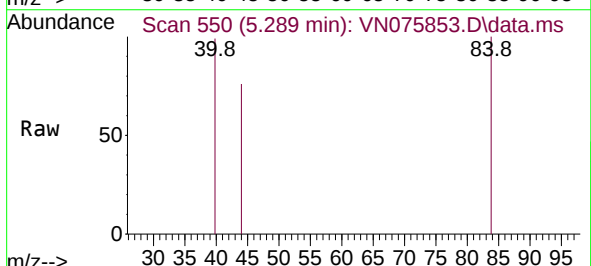
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-TANK-18-19-20-21-23

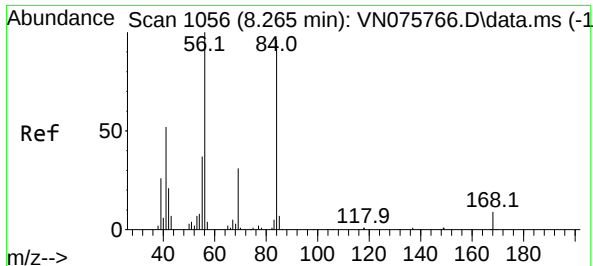
Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
58 34.9 28.6 43.0



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

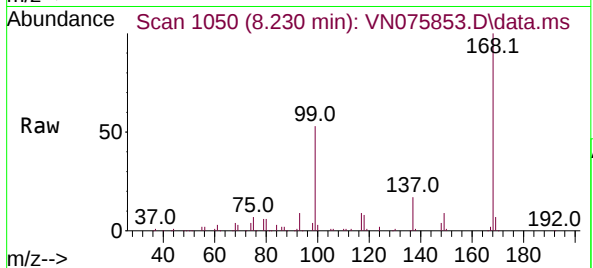
Tgt Ion: 84 Resp: 157
Ion Ratio Lower Upper
84 100
49 0.0 81.8 122.6#
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#



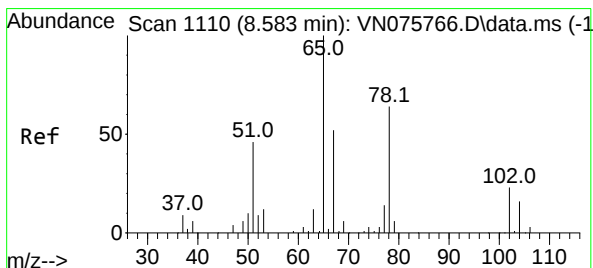
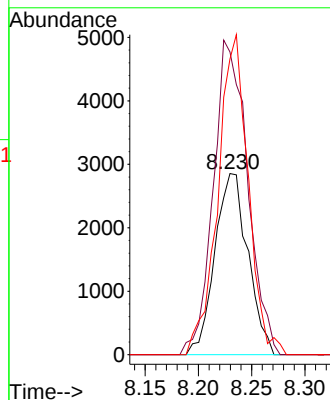
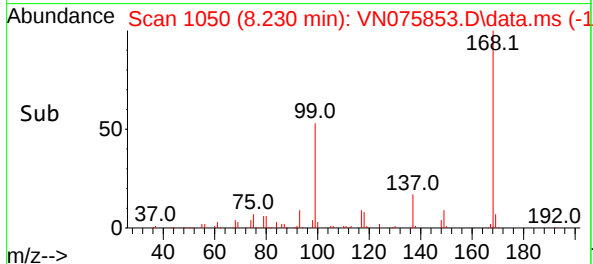


#31
Cyclohexane
Concen: 1.130 ug/l
RT: 8.230 min Scan# 1056
Delta R.T. -0.035 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

Instrument : MSVOA_N
ClientSampleId : COMP-SAMPLE-TANK-18-19-20-21-23

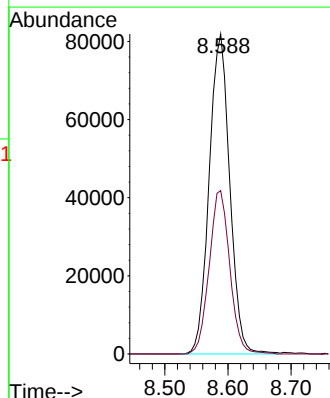
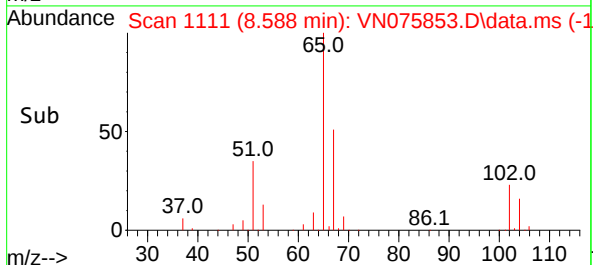
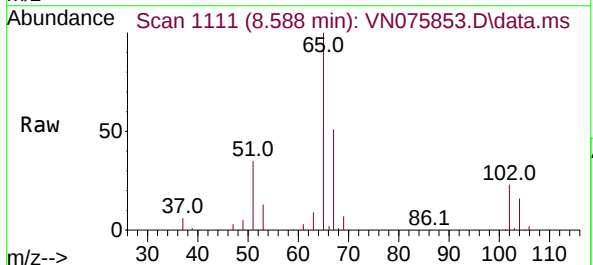


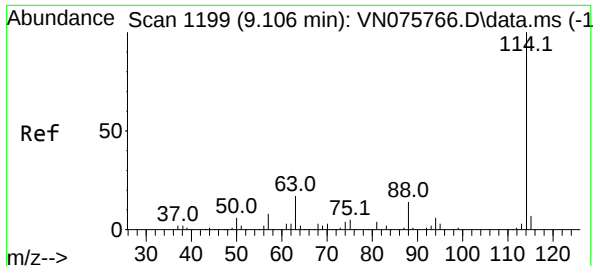
Tgt Ion: 56 Resp: 6158
Ion Ratio Lower Upper
56 100
69 167.1 24.7 37.1#
84 163.2 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 48.749 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

Tgt Ion: 65 Resp: 185415
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075853.D

Acq: 16 Dec 2022 17:26

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLE-TANK-18-19-20-21-23

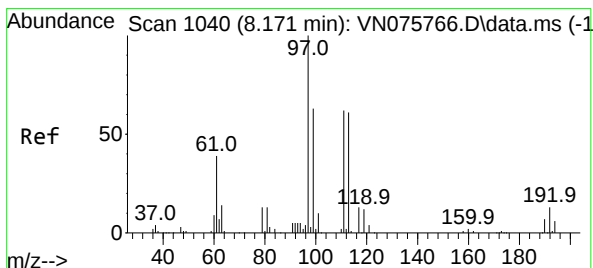
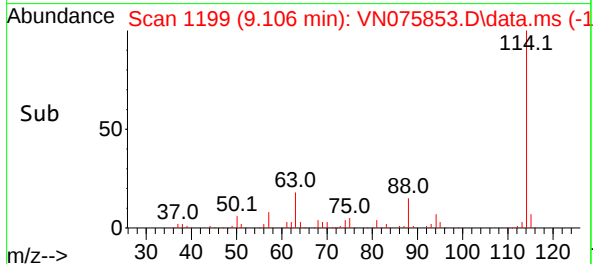
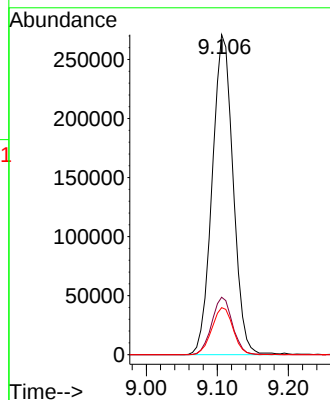
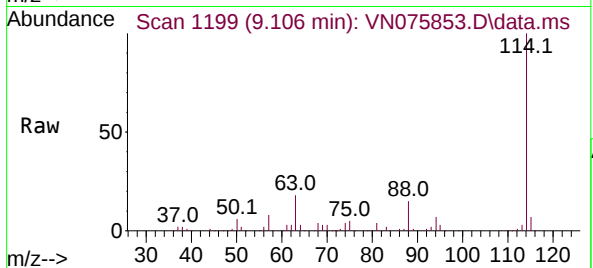
Tgt Ion:114 Resp: 553286

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.475 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075853.D

Acq: 16 Dec 2022 17:26

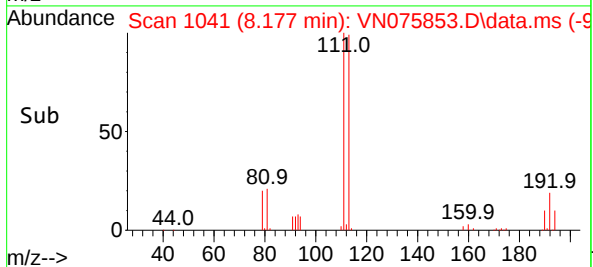
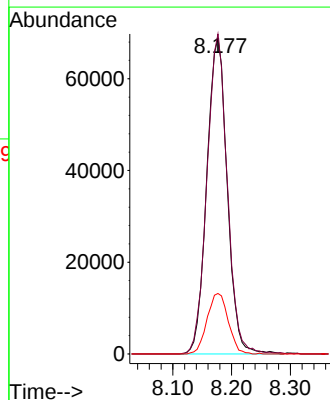
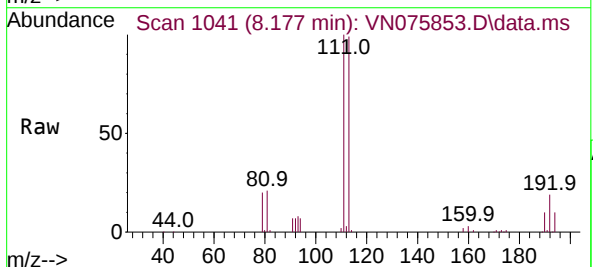
Tgt Ion:113 Resp: 166096

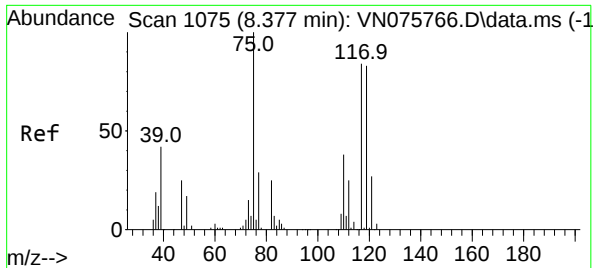
Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.2

192 19.8 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.599 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075853.D

Acq: 16 Dec 2022 17:26

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLE-TANK-18-19-20-21-23

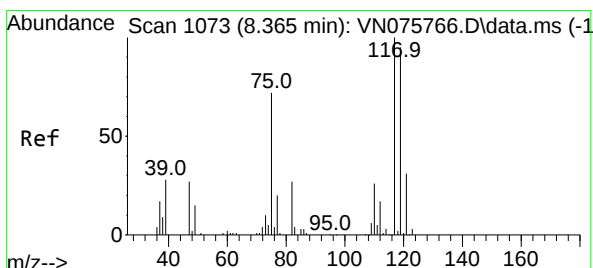
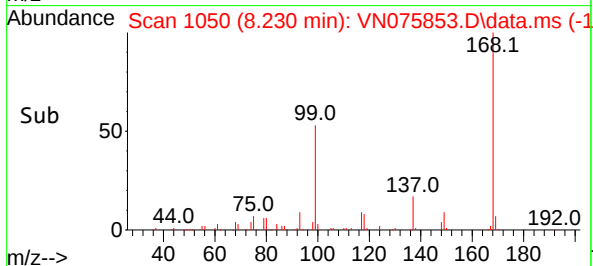
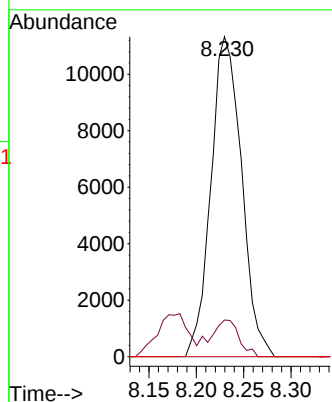
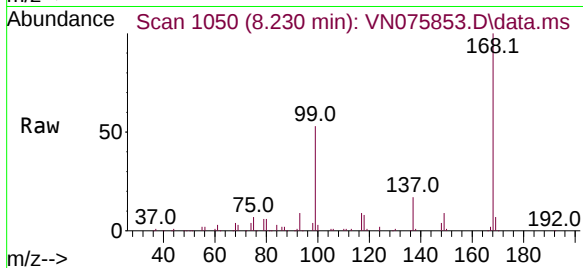
Tgt Ion: 75 Resp: 25484

Ion Ratio Lower Upper

75 100

110 8.9 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.688 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.129 min

Lab File: VN075853.D

Acq: 16 Dec 2022 17:26

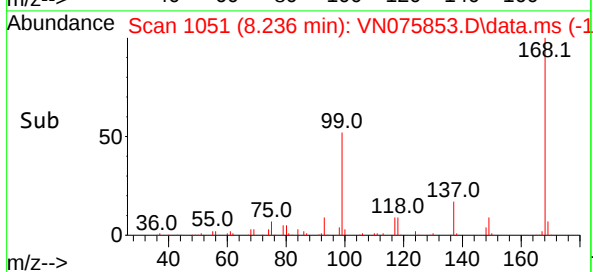
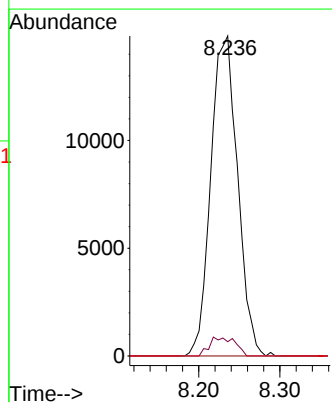
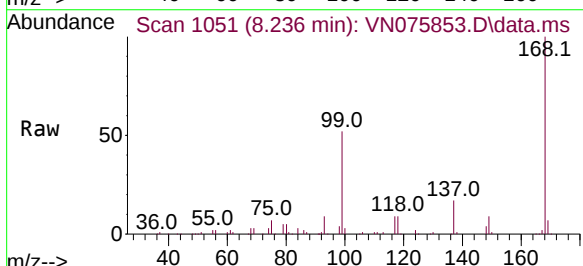
Tgt Ion: 117 Resp: 34072

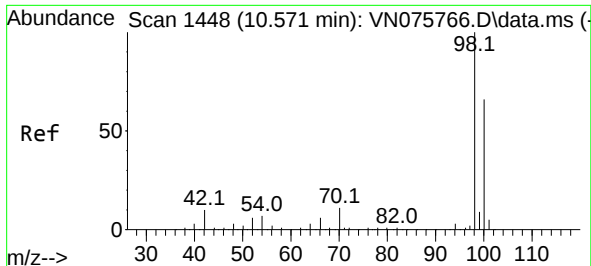
Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

121 0.0 24.5 36.7#

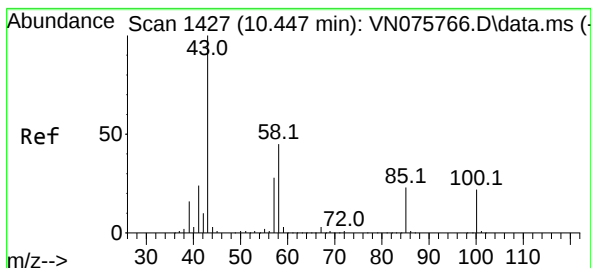
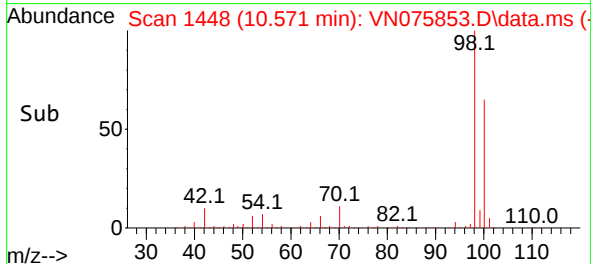
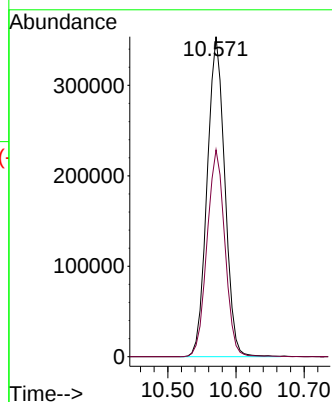
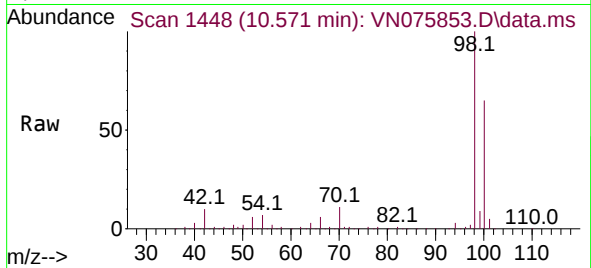




#50
Toluene-d8
Concen: 49.771 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

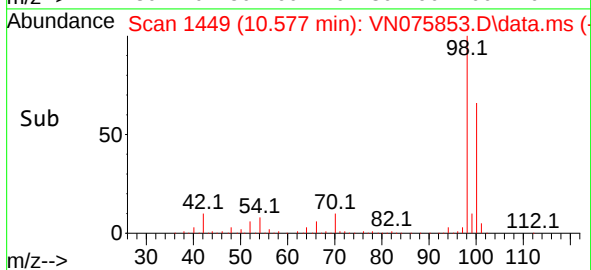
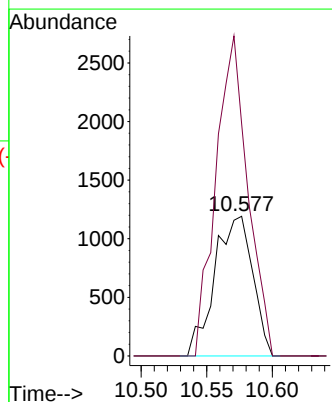
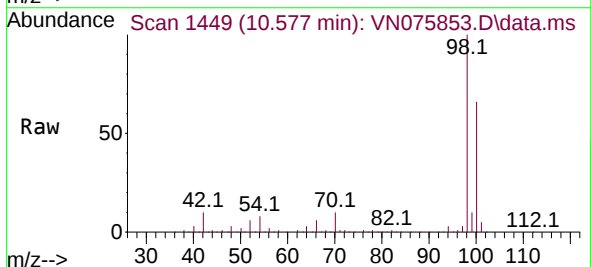
Instrument : MSVOA_N
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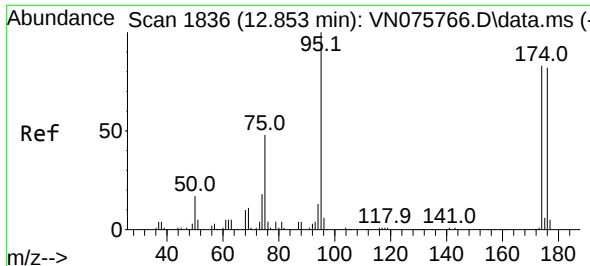
Tgt Ion: 98 Resp: 637621
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.659 ug/l
RT: 10.577 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

Tgt Ion: 43 Resp: 2404
Ion Ratio Lower Upper
43 100
58 192.7 35.5 53.3#

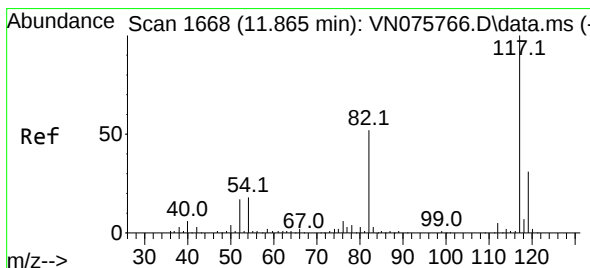
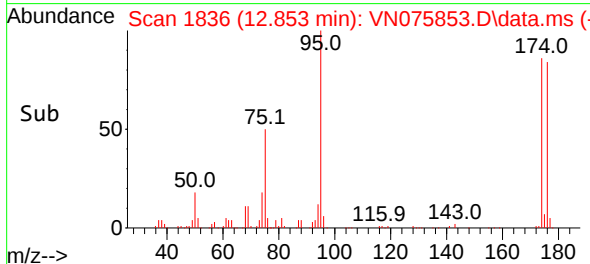
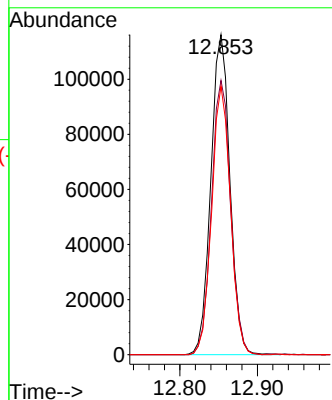
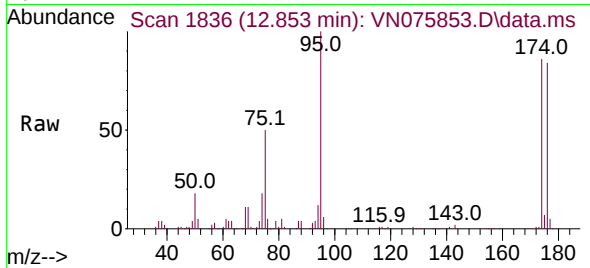




#62
4-Bromofluorobenzene
Concen: 46.931 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

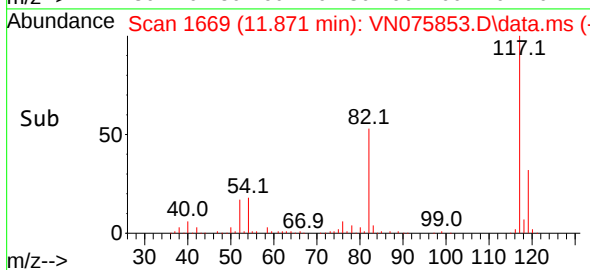
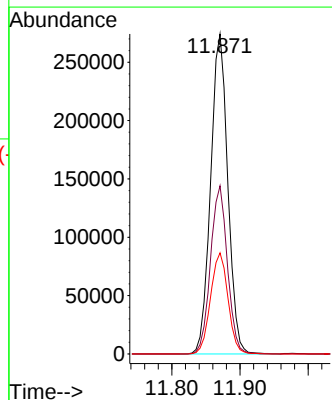
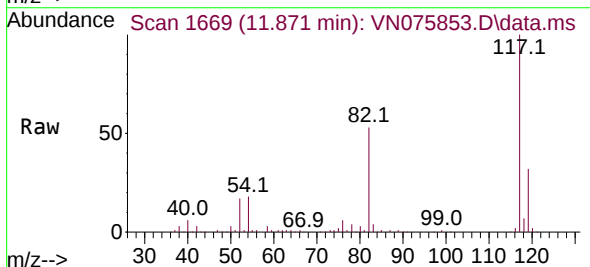
Instrument : MSVOA_N
ClientSampleId : COMP-SAMPLE-TANK-18-19-20-21-23

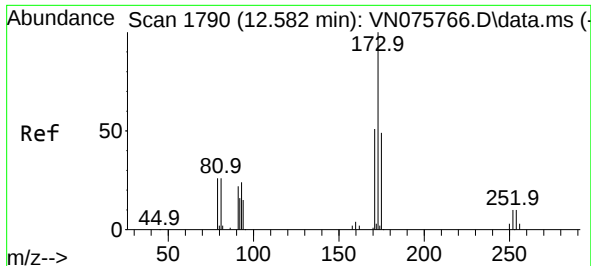
Tgt Ion: 95 Resp: 199133
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.6
176 82.5 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

Tgt Ion: 117 Resp: 480293
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 31.6 24.6 37.0

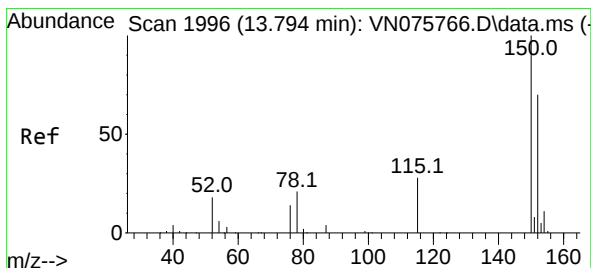
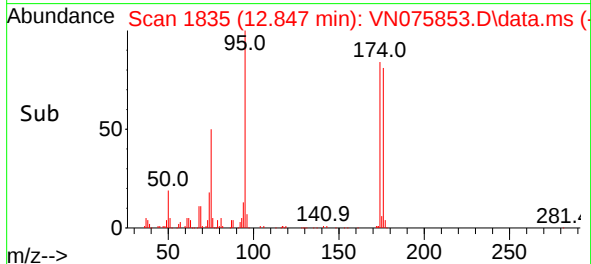
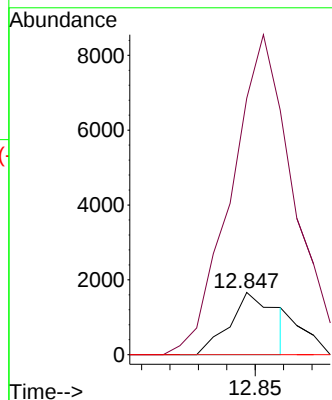
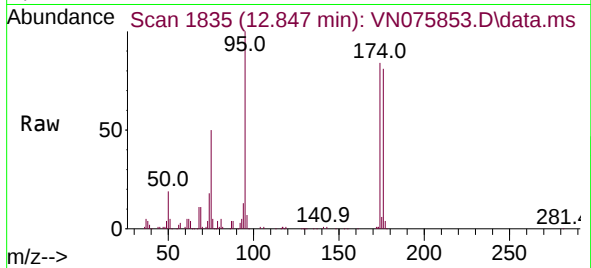




#71
Bromoform
Concen: 0.718 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

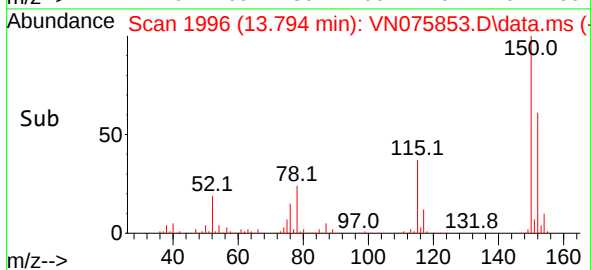
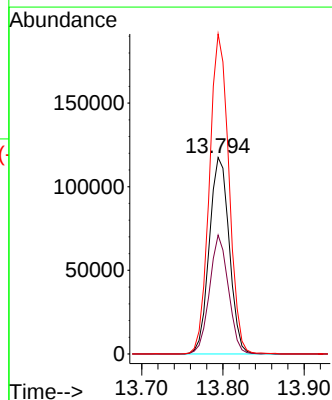
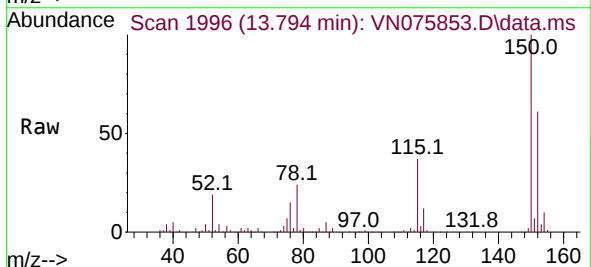
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-TANK-18-19-20-21-23

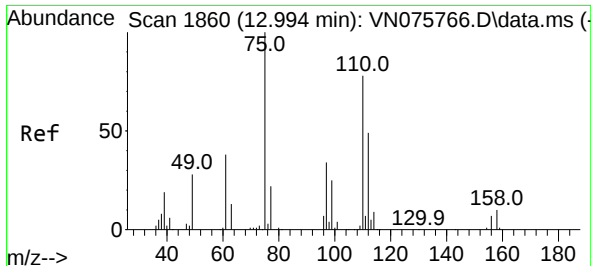
Tgt Ion:173 Resp: 1907
Ion Ratio Lower Upper
173 100
175 548.5 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

Tgt Ion:152 Resp: 200340
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.4
150 159.1 0.0 347.0

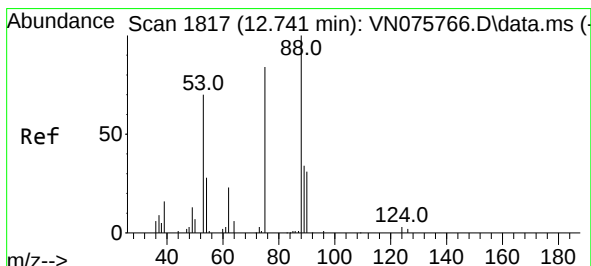
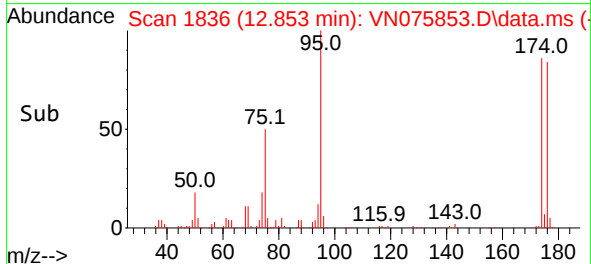
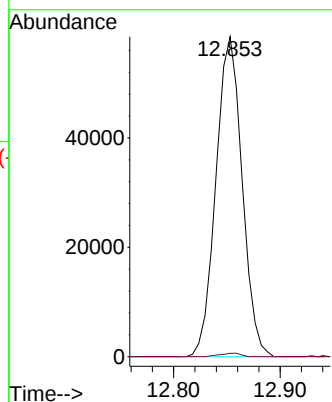
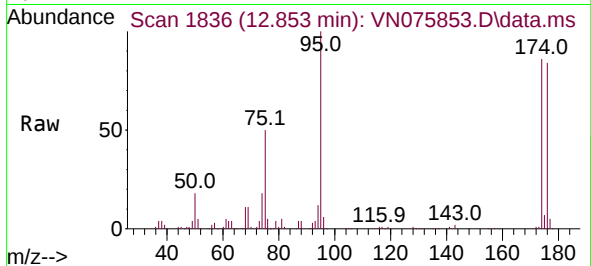




#76
1,2,3-Trichloropropane
Concen: 24.729 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

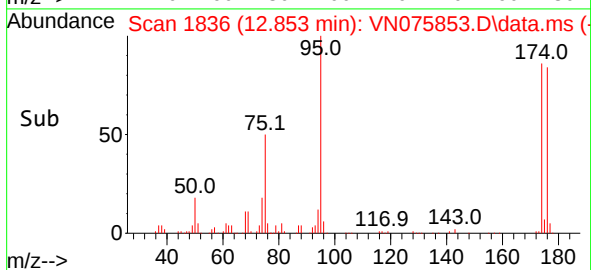
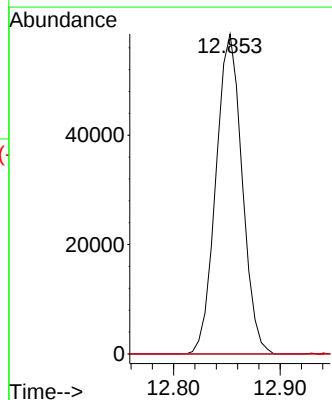
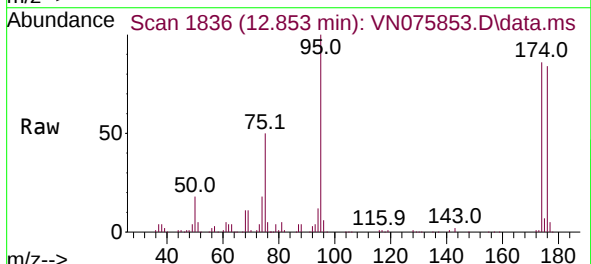
Instrument : MSVOA_N
ClientSampleId : COMP-SAMPLE-TANK-18-19-20-21-23

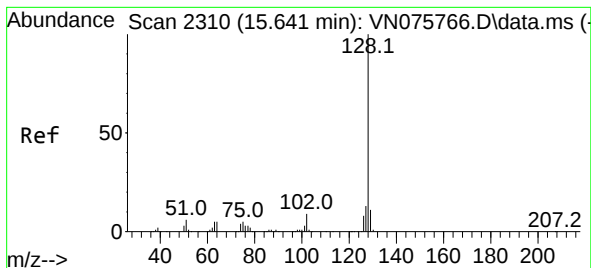
Tgt Ion: 75 Resp: 99863
Ion Ratio Lower Upper
75 100
77 0.9 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.010 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075853.D
Acq: 16 Dec 2022 17:26

Tgt Ion: 75 Resp: 99863
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 2.240 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN075853.D

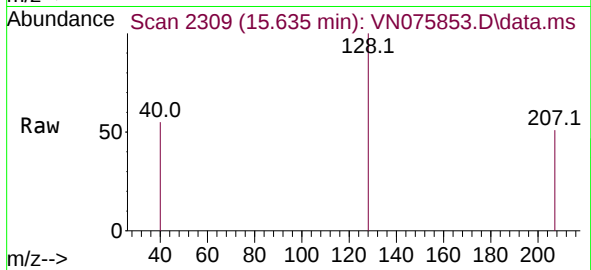
Acq: 16 Dec 2022 17:26

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLE-TANK-18-19-20-21-23



Tgt Ion:128 Resp: 711

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#

