

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076758.D
 Acq On : 21 Feb 2023 18:25
 Operator : JC\MD
 Sample : 01641-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2023-2-15

Quant Time: Feb 22 04:13:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

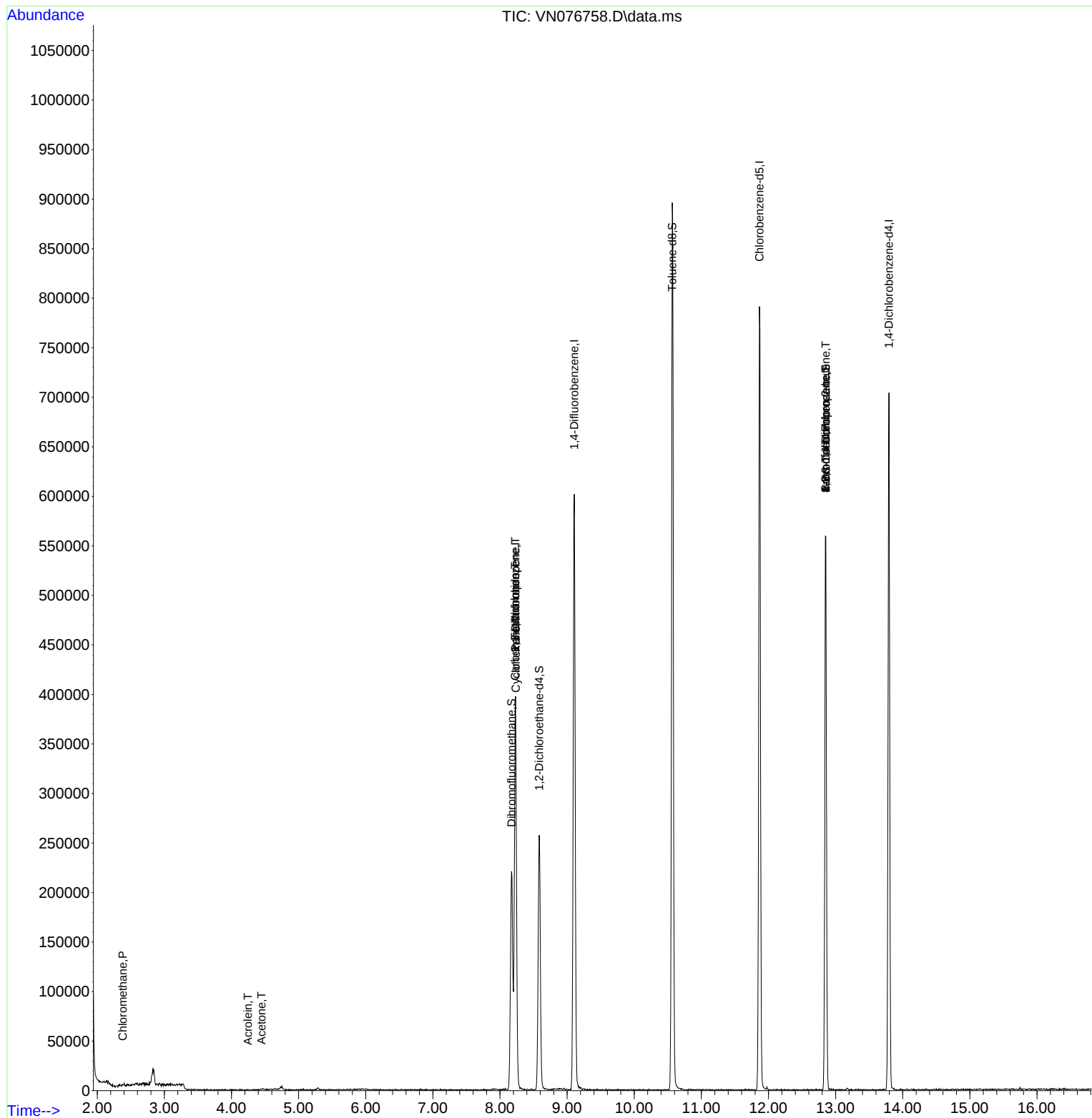
Internal Standards						
1) Pentafluorobenzene	8.231	168	278329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	497672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	437237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	173548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202918	52.798	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.600%	
35) Dibromofluoromethane	8.172	113	154708	47.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.940%	
50) Toluene-d8	10.566	98	611655	50.253	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.854	95	181623	45.054	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.378	50	985	0.255	ug/l #	83
13) Acrolein	4.243	56	154	0.202	ug/l #	14
16) Acetone	4.448	43	1804	1.051	ug/l #	42
31) Cyclohexane	8.236	56	7837	1.300	ug/l #	11
36) 1,1-Dichloropropene	8.231	75	25227	5.357	ug/l #	52
38) Carbon Tetrachloride	8.225	117	29289	6.166	ug/l #	15
71) Bromoform	12.848	173	1378	0.558	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	102484	29.209	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	102484	85.073	ug/l #	4

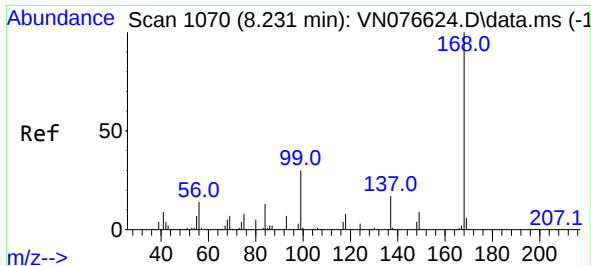
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
Data File : VN076758.D
Acq On : 21 Feb 2023 18:25
Operator : JC\MD
Sample : 01641-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB-2023-2-15

Quant Time: Feb 22 04:13:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

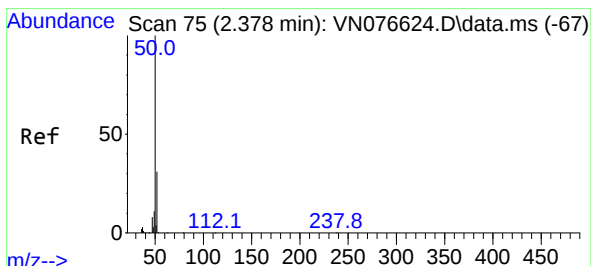
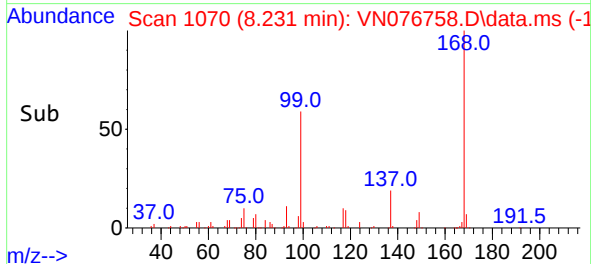
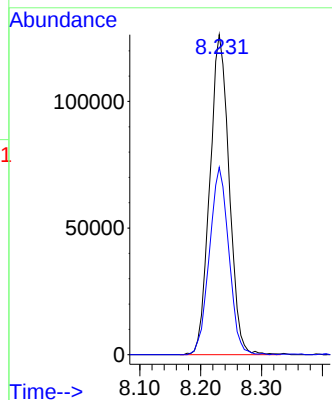
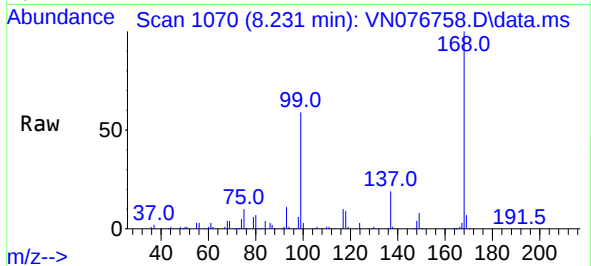




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

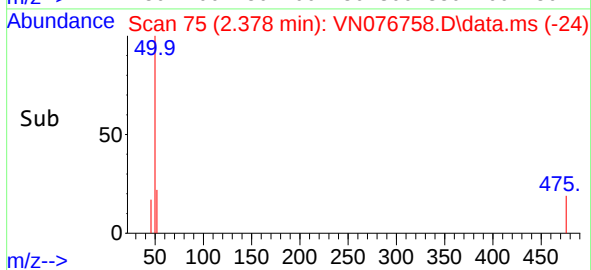
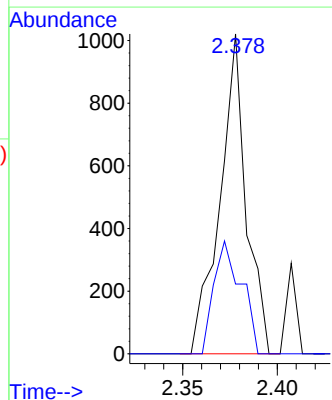
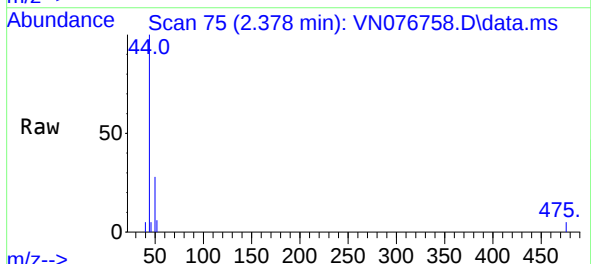
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-2-15

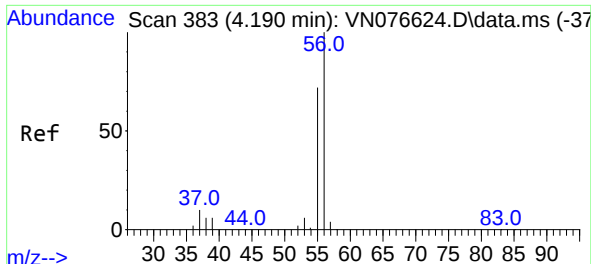
Tgt Ion:168 Resp: 278329
Ion Ratio Lower Upper
168 100
99 58.6 44.8 67.2



#3
Chloromethane
Concen: 0.255 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

Tgt Ion: 50 Resp: 985
Ion Ratio Lower Upper
50 100
52 21.8 24.7 37.1#

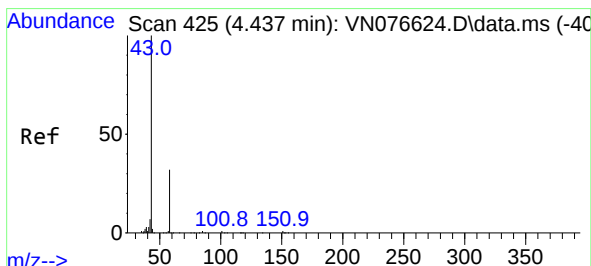
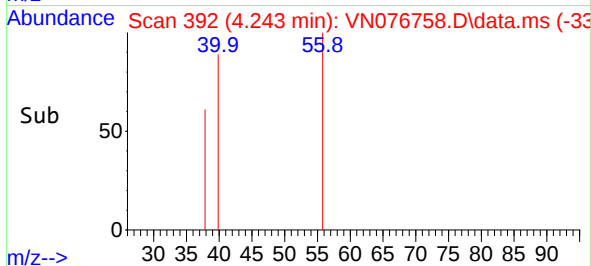
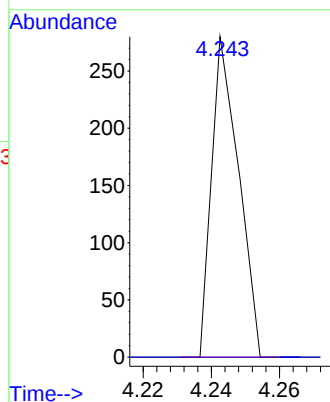
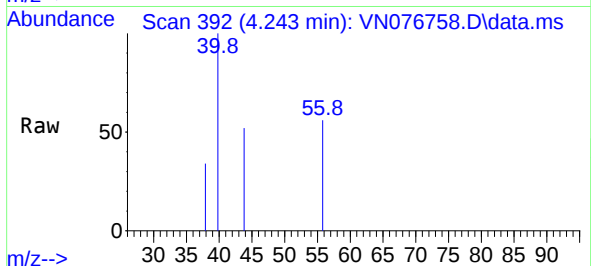




#13
Acrolein
Concen: 0.202 ug/l
RT: 4.243 min Scan# 392
Delta R.T. 0.053 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

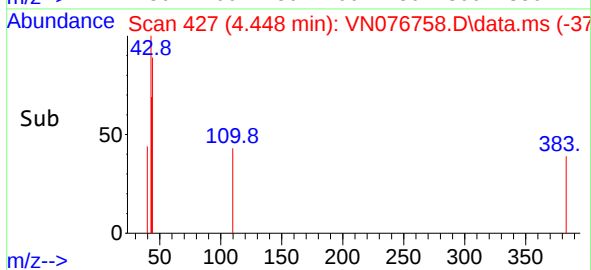
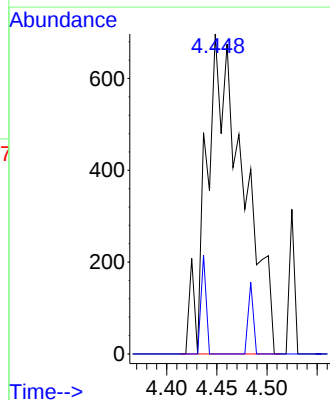
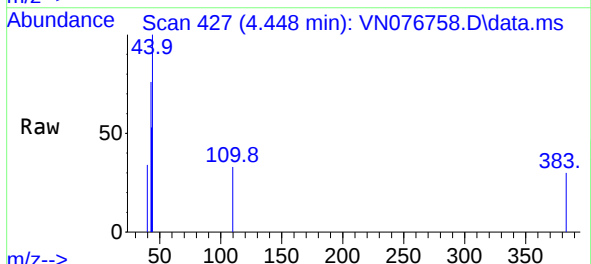
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-2-15

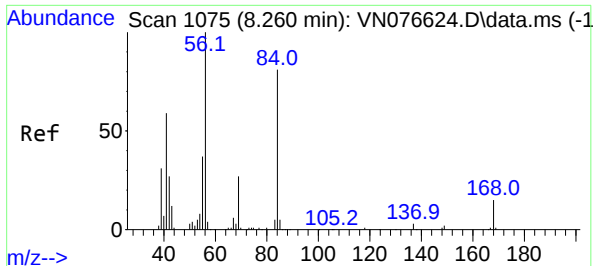
Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#



#16
Acetone
Concen: 1.051 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#





#31

Cyclohexane

Concen: 1.300 ug/l

RT: 8.236 min Scan# 1075

Delta R.T. -0.024 min

Lab File: VN076758.D

Acq: 21 Feb 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

TB-2023-2-15

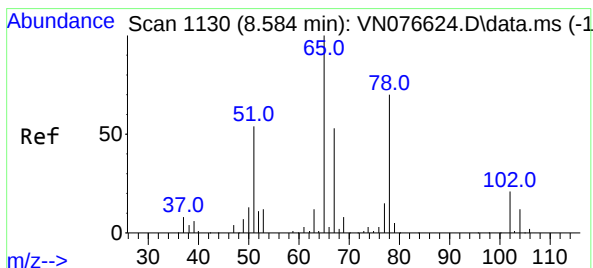
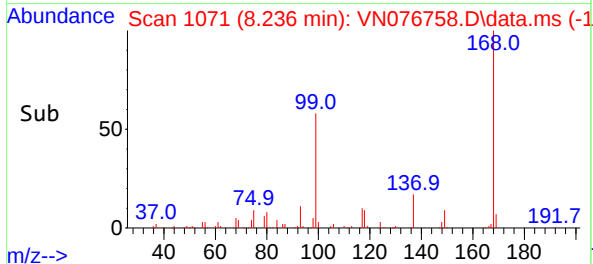
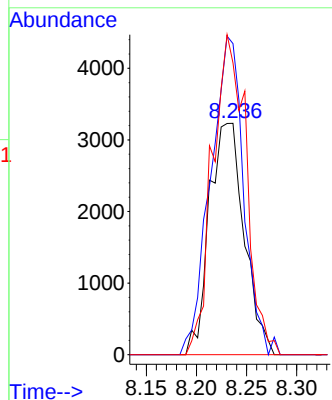
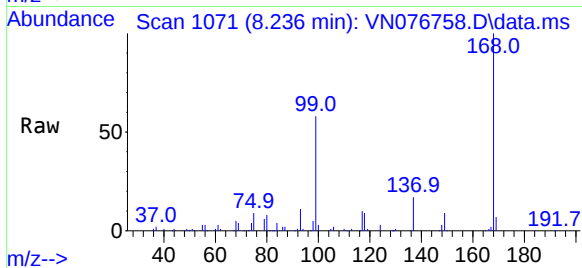
Tgt Ion: 56 Resp: 7837

Ion Ratio Lower Upper

56 100

69 134.4 21.6 32.4#

84 126.1 65.1 97.7#



#33

1,2-Dichloroethane-d4

Concen: 52.798 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076758.D

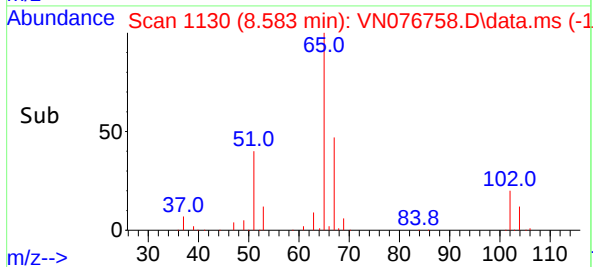
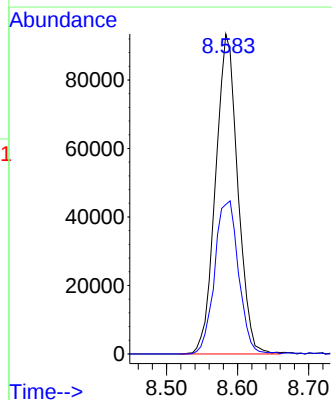
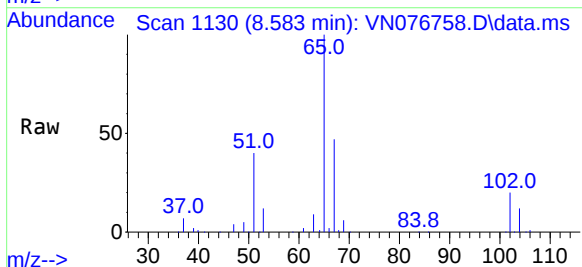
Acq: 21 Feb 2023 18:25

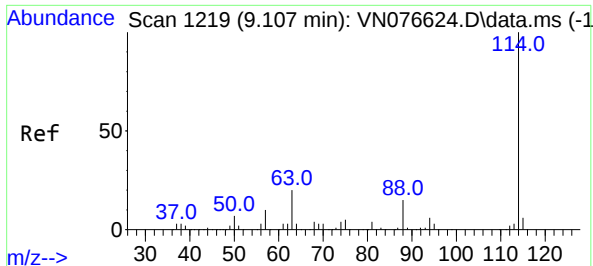
Tgt Ion: 65 Resp: 202918

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.6

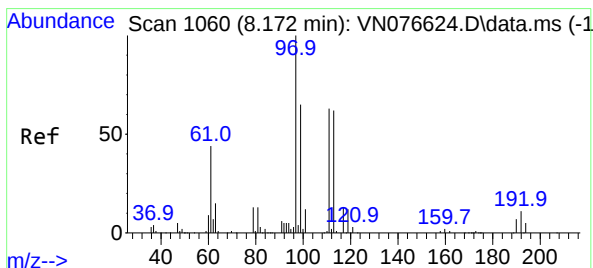
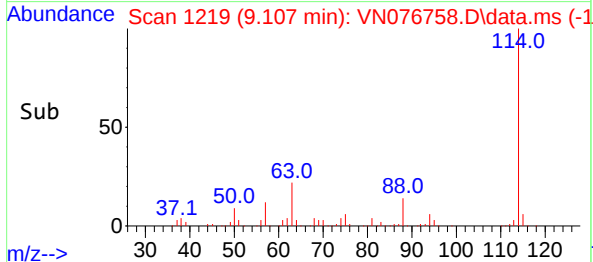
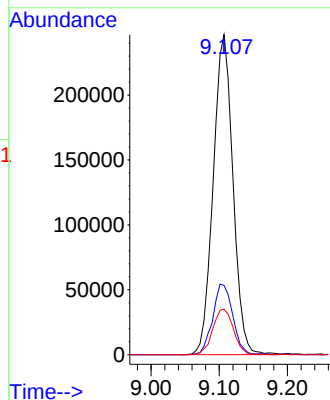
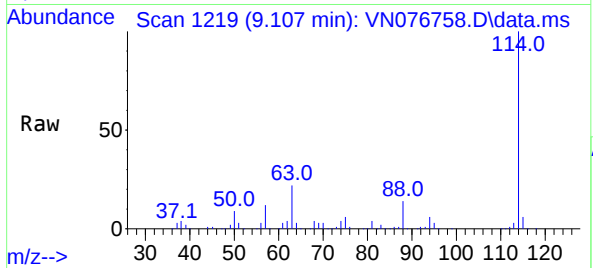




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

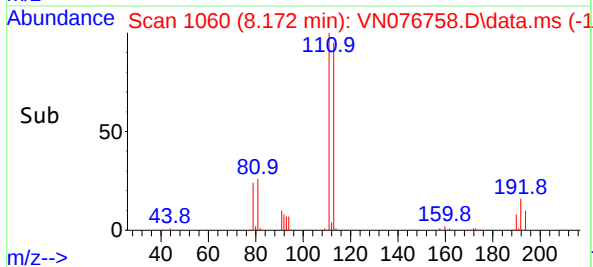
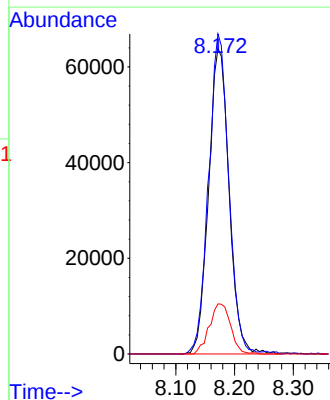
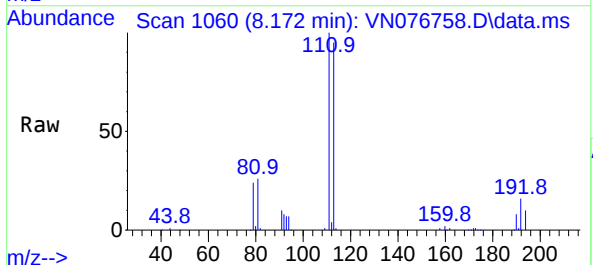
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-2-15

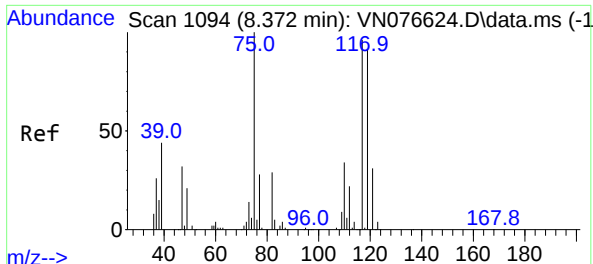
Tgt Ion:114 Resp: 497672
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.0
88 14.3 0.0 29.6



#35
Dibromofluoromethane
Concen: 47.469 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

Tgt Ion:113 Resp: 154708
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 17.0 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.357 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076758.D

Acq: 21 Feb 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

TB-2023-2-15

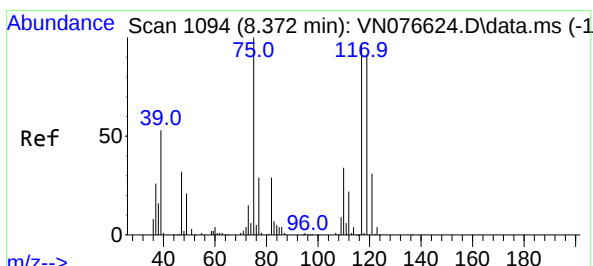
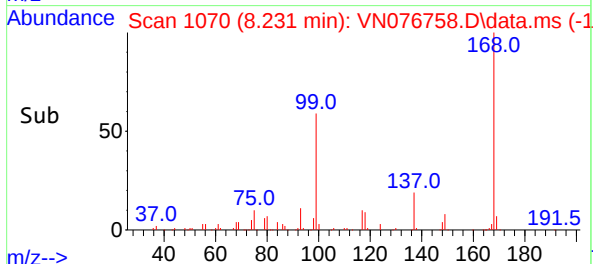
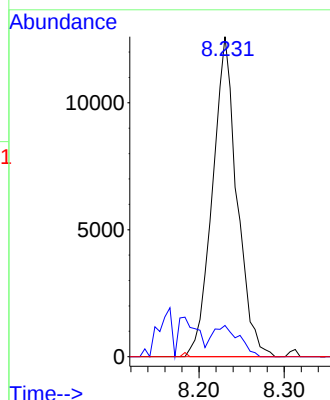
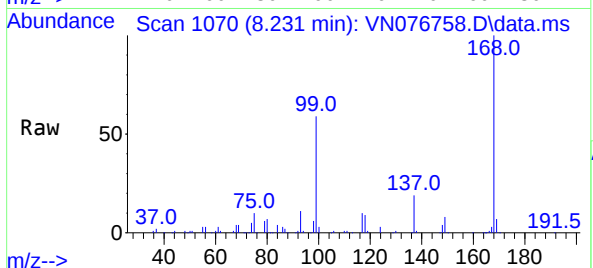
Tgt Ion: 75 Resp: 25227

Ion Ratio Lower Upper

75 100

110 10.7 17.5 52.5#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.166 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.147 min

Lab File: VN076758.D

Acq: 21 Feb 2023 18:25

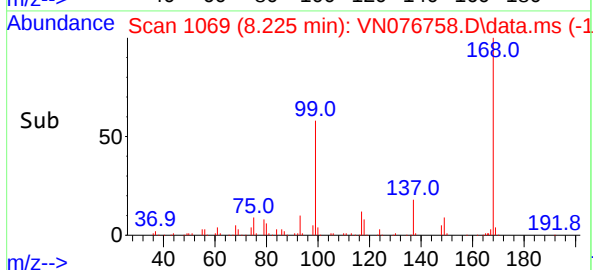
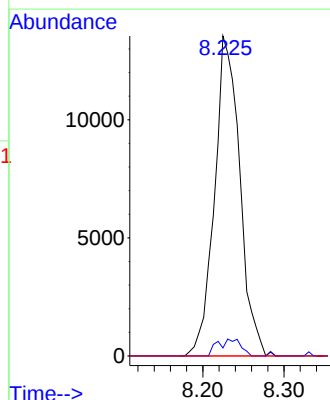
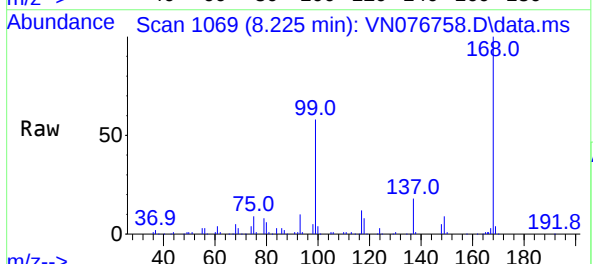
Tgt Ion: 117 Resp: 29289

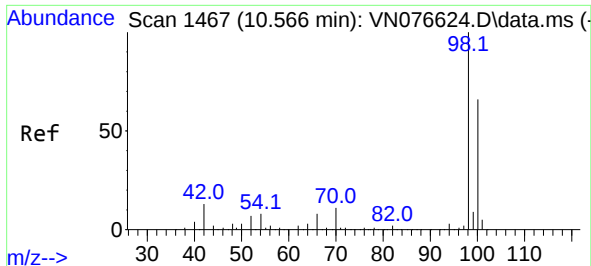
Ion Ratio Lower Upper

117 100

119 2.5 75.4 113.0#

121 0.0 26.0 39.0#

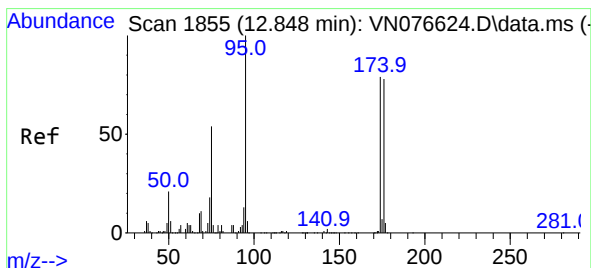
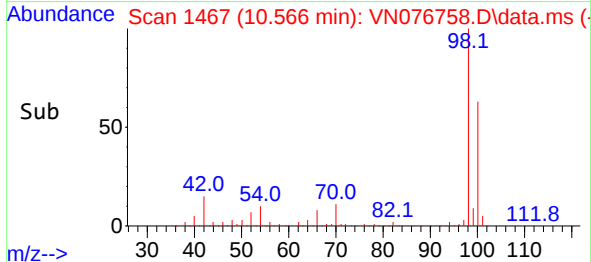
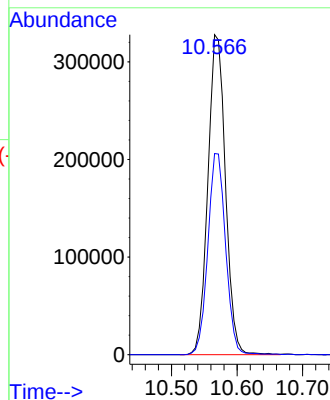
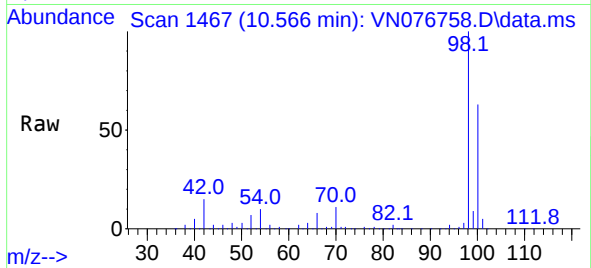




#50
Toluene-d8
Concen: 50.253 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

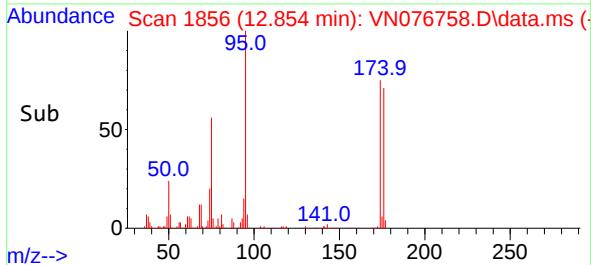
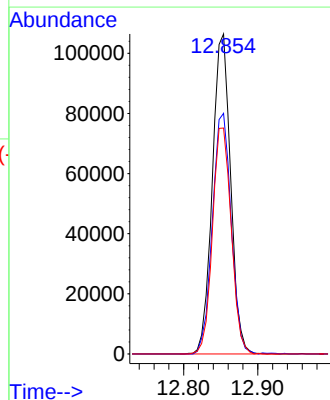
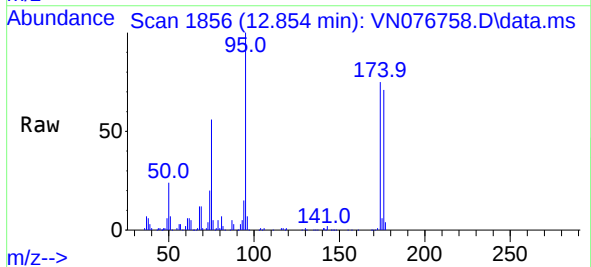
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-2-15

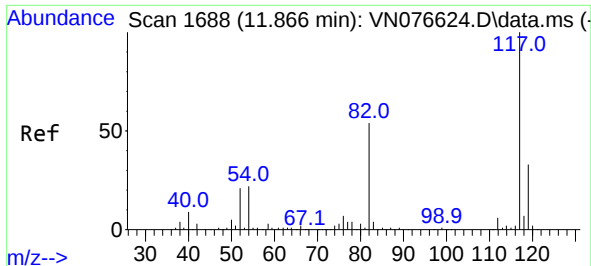
Tgt Ion: 98 Resp: 611655
Ion Ratio Lower Upper
98 100
100 63.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.054 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

Tgt Ion: 95 Resp: 181623
Ion Ratio Lower Upper
95 100
174 77.7 0.0 169.2
176 72.7 0.0 163.4

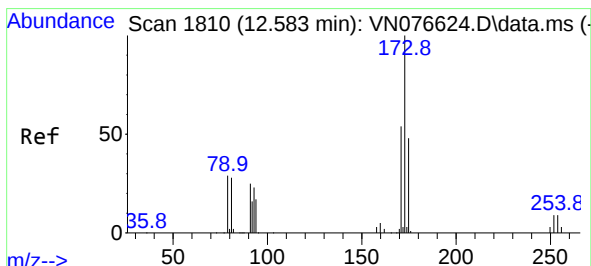
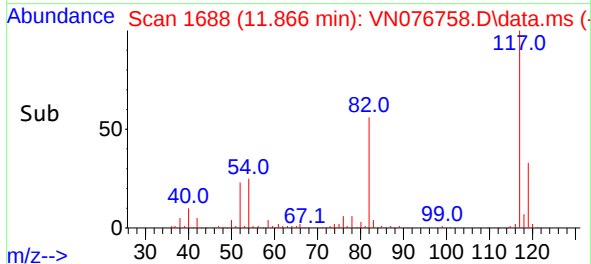
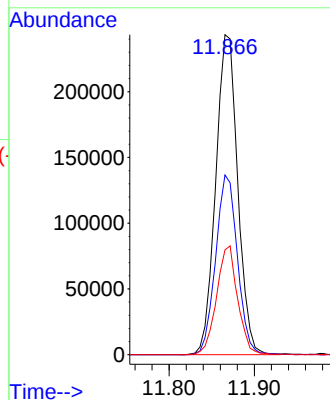
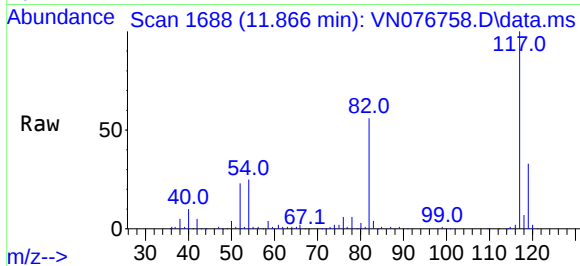




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

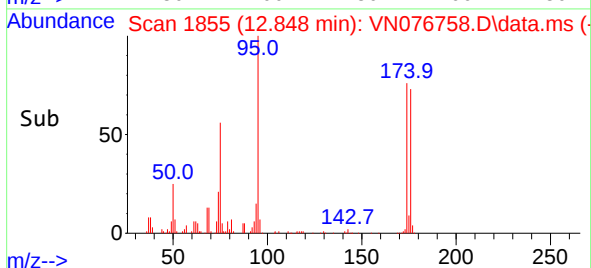
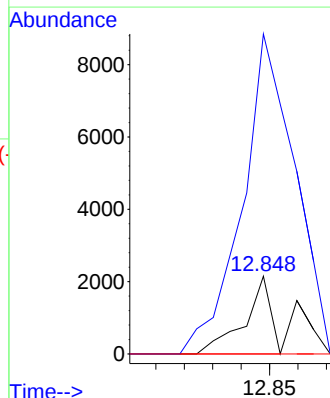
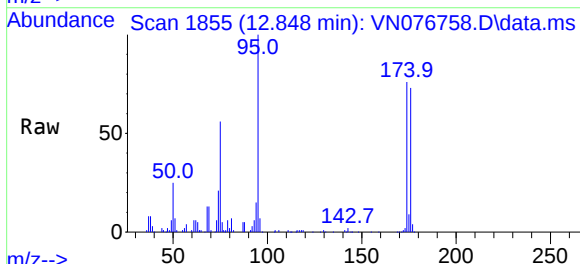
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-2-15

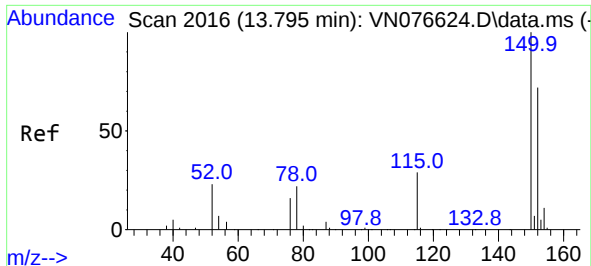
Tgt Ion:117 Resp: 437237
Ion Ratio Lower Upper
117 100
82 56.2 43.4 65.2
119 32.7 26.1 39.1



#71
Bromoform
Concen: 0.558 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.265 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

Tgt Ion:173 Resp: 1378
Ion Ratio Lower Upper
173 100
175 760.6 24.9 74.7#
254 0.0 0.1 0.1#

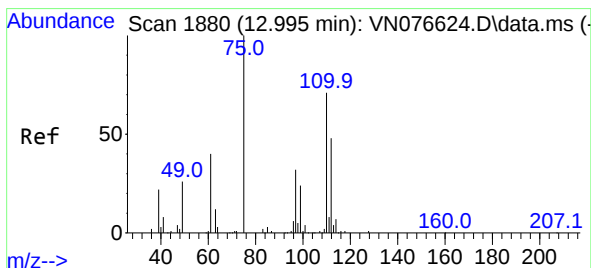
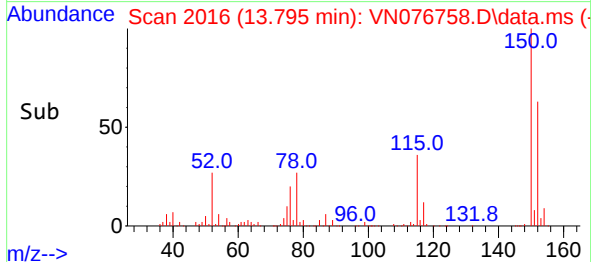
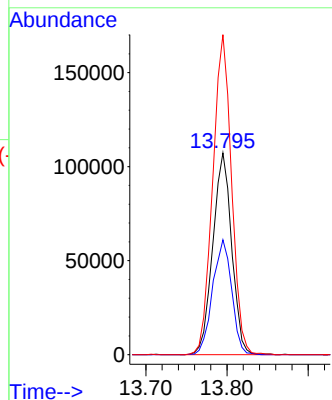
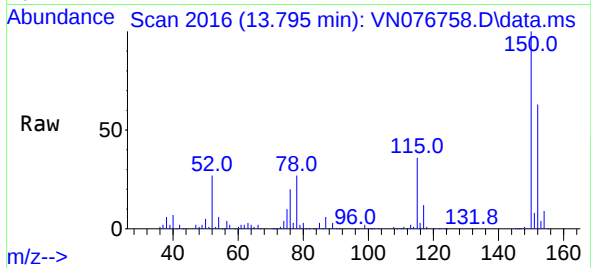




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

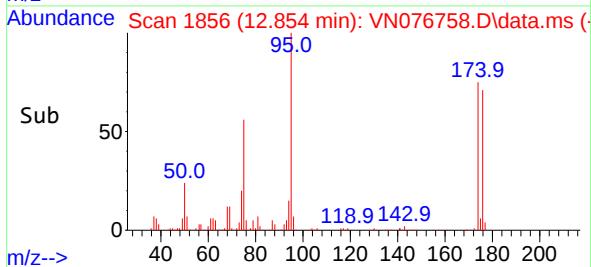
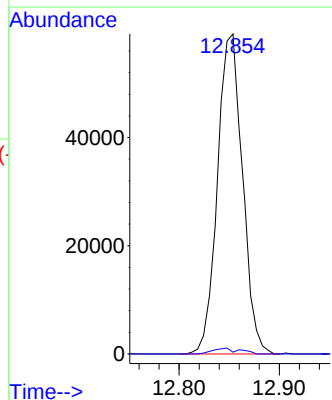
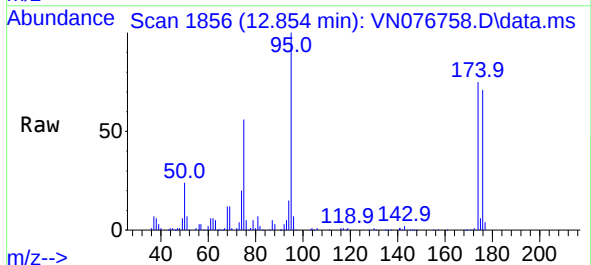
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-2-15

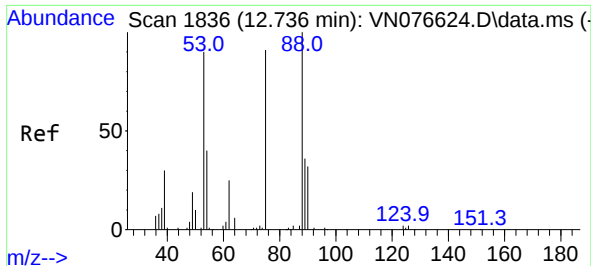
Tgt Ion:152 Resp: 173548
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.9
150 158.0 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 29.209 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076758.D
Acq: 21 Feb 2023 18:25

Tgt Ion: 75 Resp: 102484
Ion Ratio Lower Upper
75 100
77 1.9 93.1 279.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.073 ug/l
 RT: 12.854 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN076758.D
 Acq: 21 Feb 2023 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2023-2-15

Tgt Ion: 75 Resp: 102484
 Ion Ratio Lower Upper
 75 100
 53 0.0 92.1 138.1#
 89 0.0 37.5 56.3#

