

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076778.D
 Acq On : 22 Feb 2023 18:04
 Operator : JC\MD
 Sample : 01657-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2023-2-22

Quant Time: Feb 22 23:59:02 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)

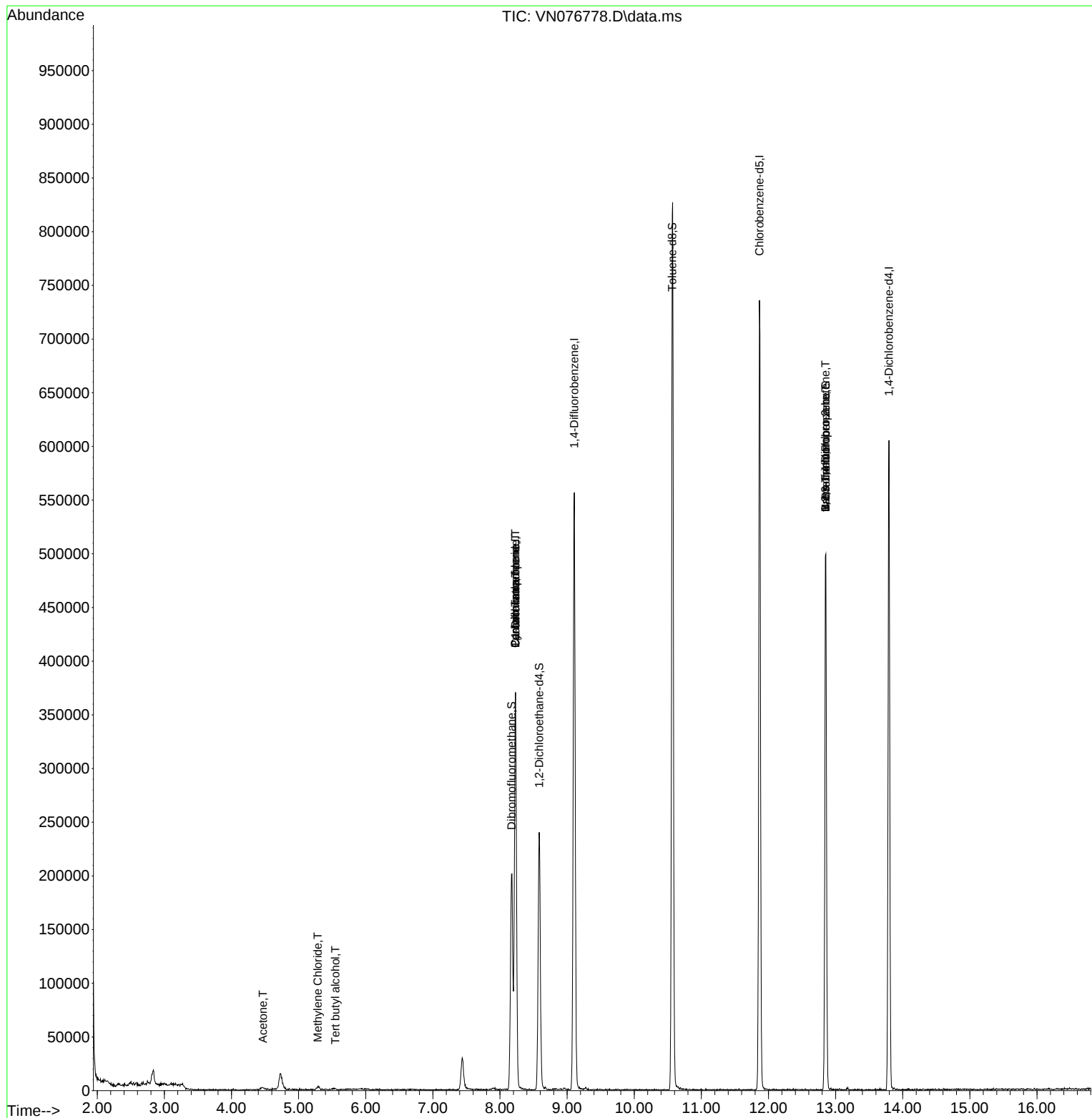
Internal Standards						
1) Pentafluorobenzene	8.231	168	263506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	462865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	394625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	148319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	183982	50.564	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.120%
35) Dibromofluoromethane	8.172	113	142873	47.134	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	10.566	98	561360	49.589	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.854	95	159377	42.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.548	59	310	0.645	ug/l #	71
16) Acetone	4.466	43	4184	2.574	ug/l #	82
20) Methylene Chloride	5.284	84	1332	0.391	ug/l #	53
31) Cyclohexane	8.231	56	7302	1.279	ug/l #	29
36) 1,1-Dichloropropene	8.231	75	22682	5.179	ug/l #	51
38) Carbon Tetrachloride	8.231	117	26935	6.097	ug/l #	20
71) Bromoform	12.848	173	2319	1.041	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	91648	30.564	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	91648	89.019	ug/l #	4

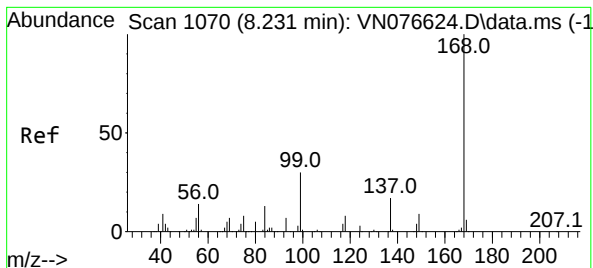
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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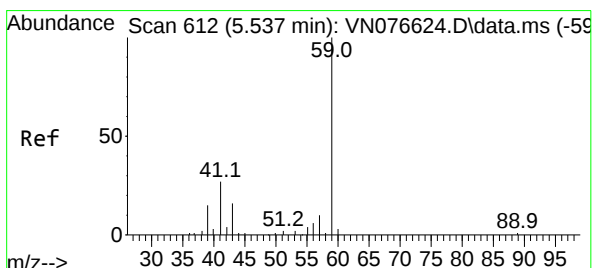
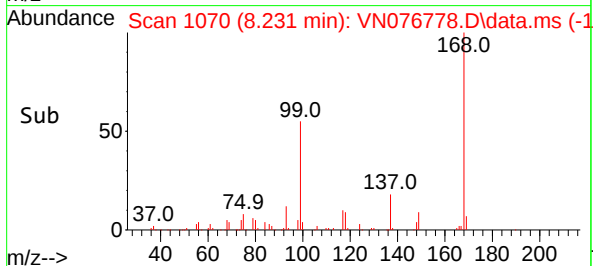
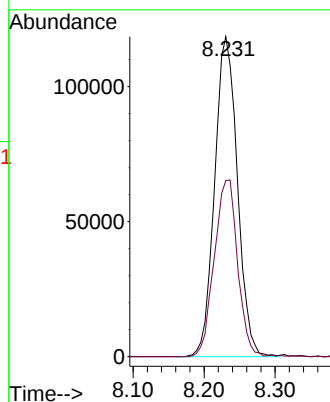
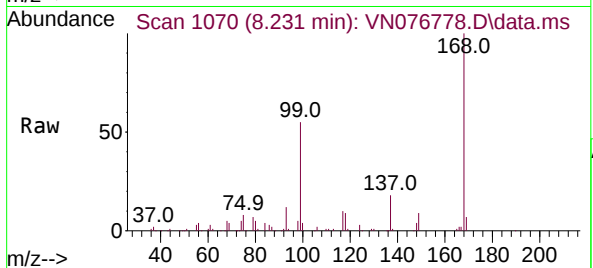




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

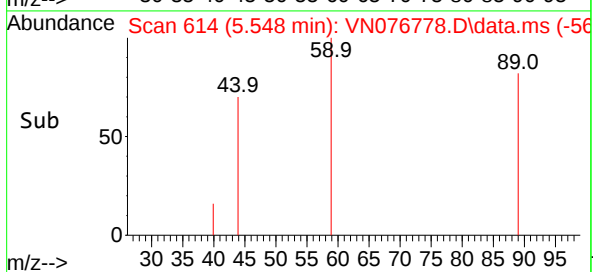
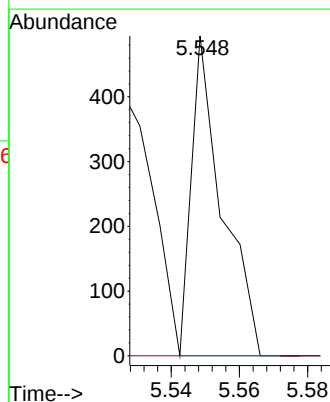
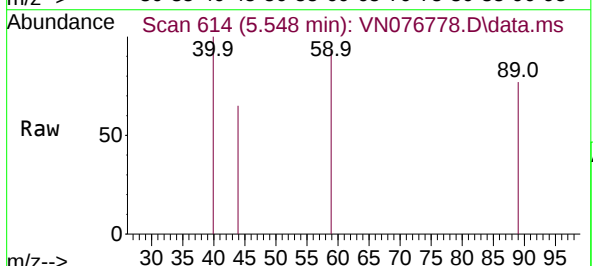
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MSVOA_N
ClientSampleId :
EB-2023-2-22

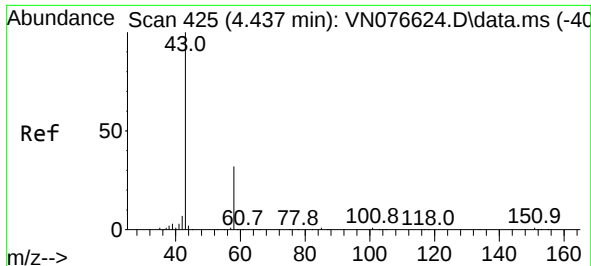
Tgt Ion:168 Resp: 263506
Ion Ratio Lower Upper
168 100
99 55.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 0.645 ug/l
RT: 5.548 min Scan# 614
Delta R.T. 0.011 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 59 Resp: 310
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

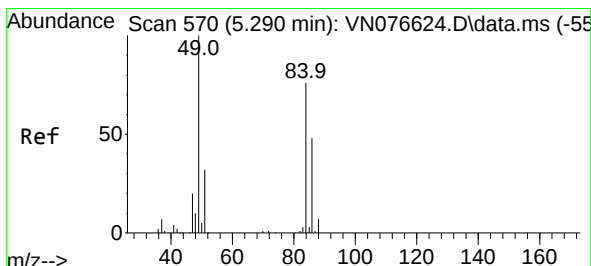
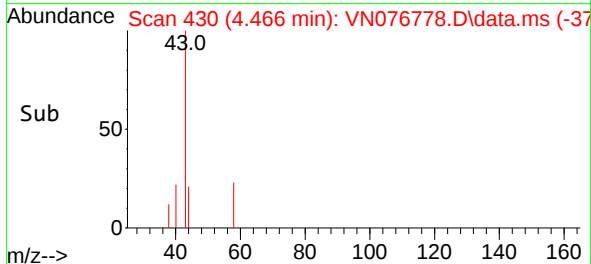
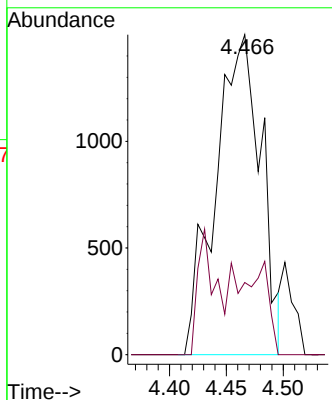
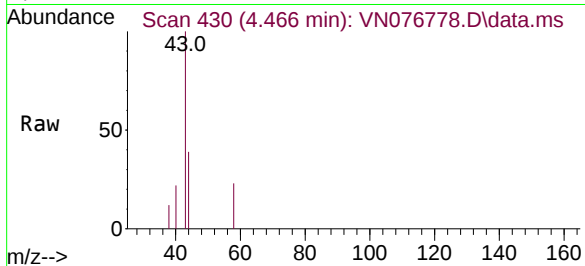




#16
Acetone
Concen: 2.574 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

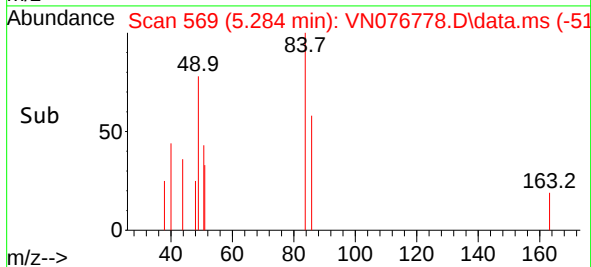
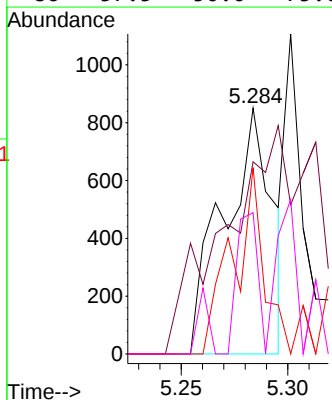
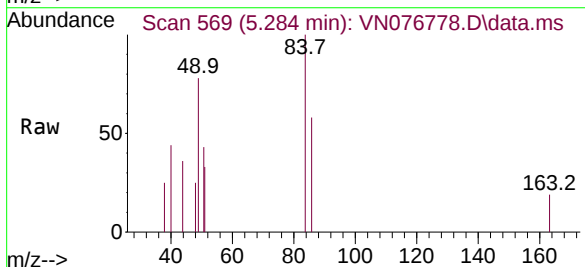
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MSVOA_N
ClientSampleId :
EB-2023-2-22

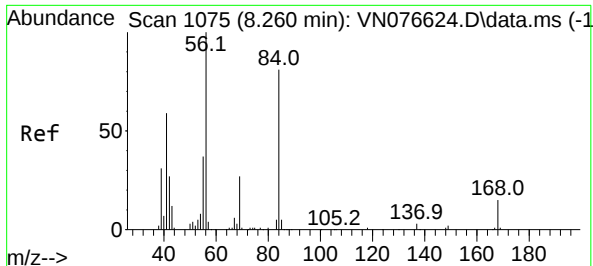
Tgt Ion: 43 Resp: 4184
Ion Ratio Lower Upper
43 100
58 22.5 25.9 38.9#



#20
Methylene Chloride
Concen: 0.391 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 84 Resp: 1332
Ion Ratio Lower Upper
84 100
49 56.1 104.9 157.3#
51 75.9 33.8 50.8#
86 57.5 50.0 75.0

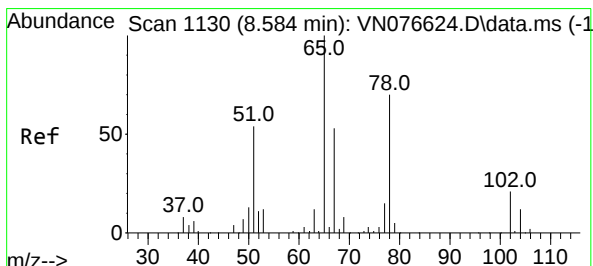
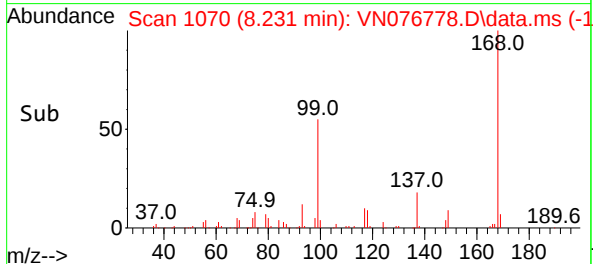
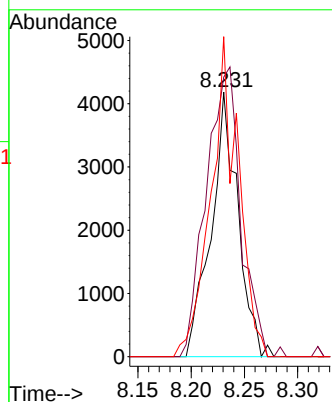
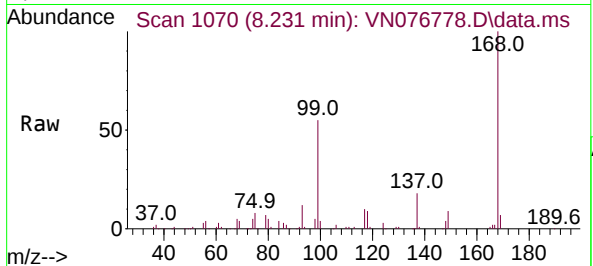




#31
Cyclohexane
Concen: 1.279 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.029 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

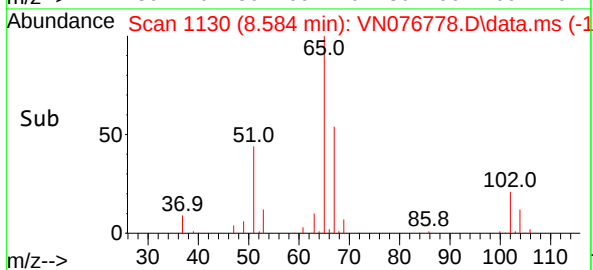
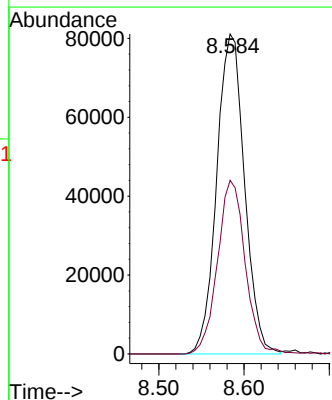
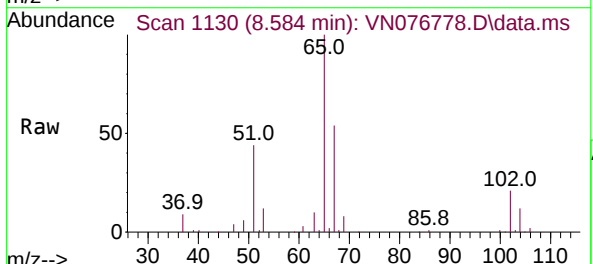
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-2-22

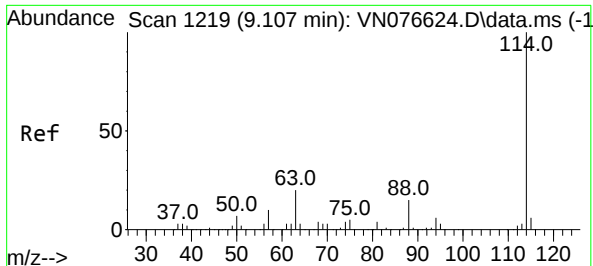
Tgt Ion: 56 Resp: 7302
Ion Ratio Lower Upper
56 100
69 105.6 21.6 32.4#
84 120.9 65.1 97.7#



#33
1,2-Dichloroethane-d4
Concen: 50.564 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 65 Resp: 183982
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076778.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

EB-2023-2-22

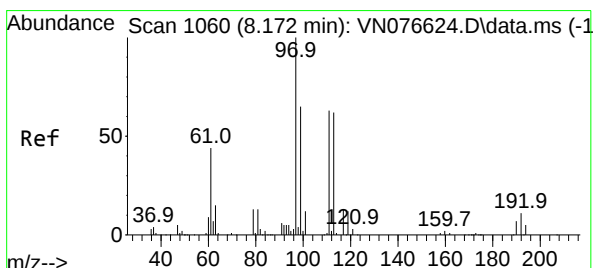
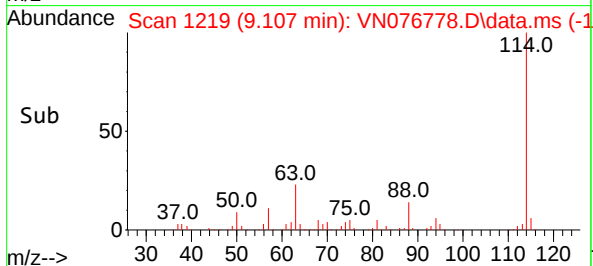
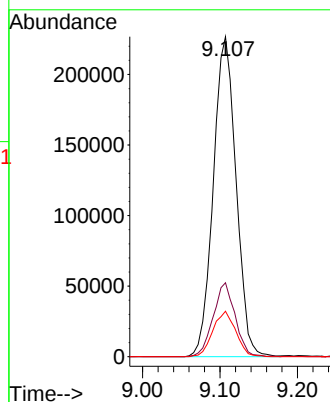
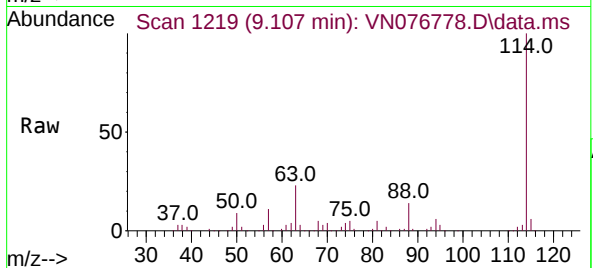
Tgt Ion:114 Resp: 462865

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 14.2 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.134 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076778.D

Acq: 22 Feb 2023 18:04

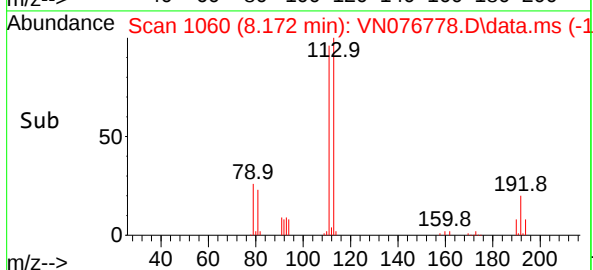
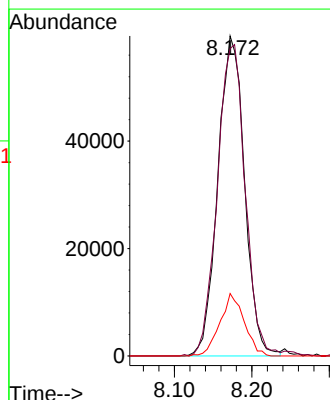
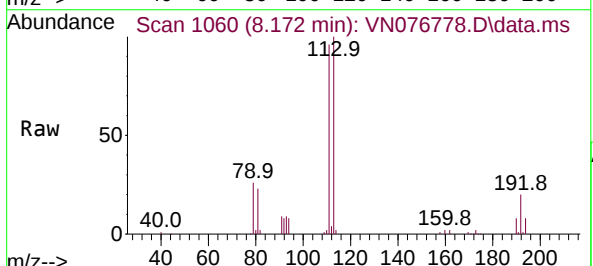
Tgt Ion:113 Resp: 142873

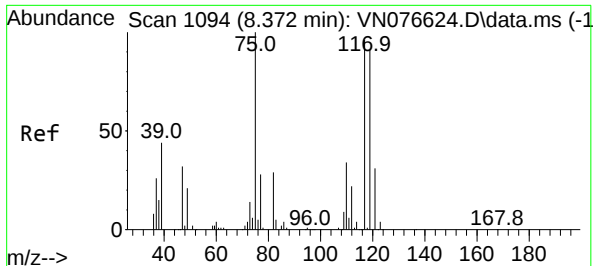
Ion Ratio Lower Upper

113 100

111 101.1 83.1 124.7

192 17.8 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.179 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076778.D

Acq: 22 Feb 2023 18:04

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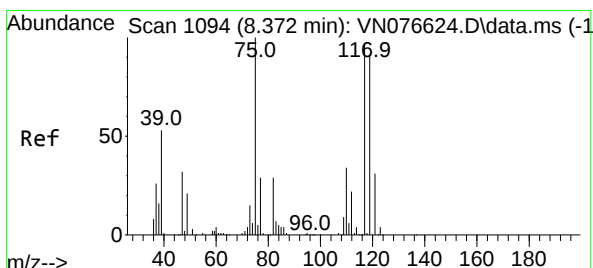
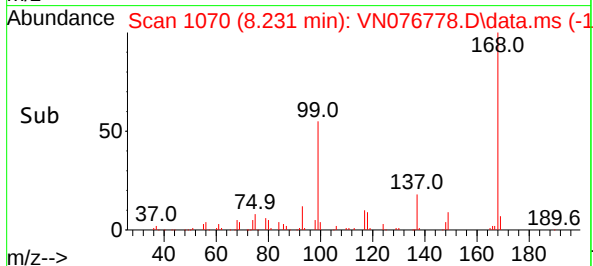
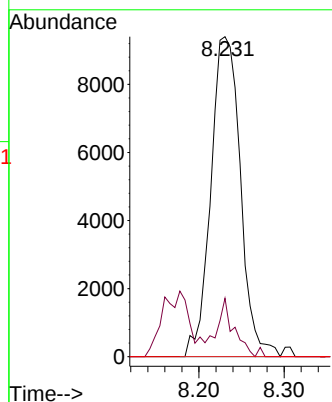
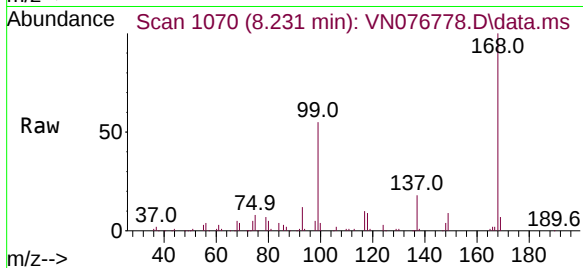
Tgt Ion: 75 Resp: 22682

Ion Ratio Lower Upper

75 100

110 10.3 17.5 52.5#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.097 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076778.D

Acq: 22 Feb 2023 18:04

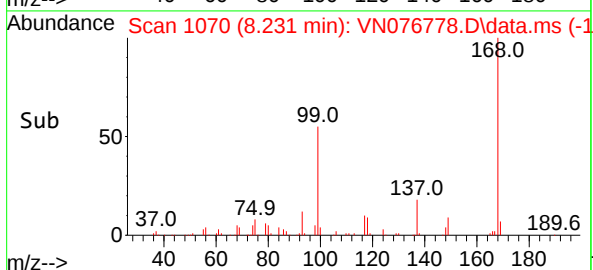
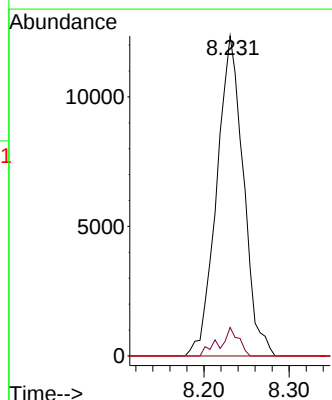
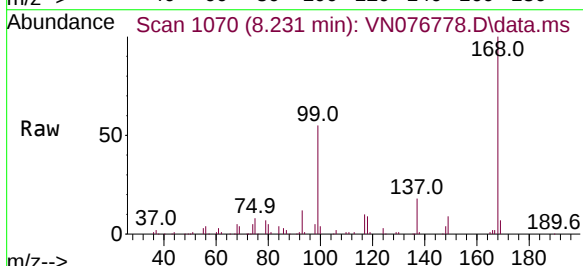
Tgt Ion: 117 Resp: 26935

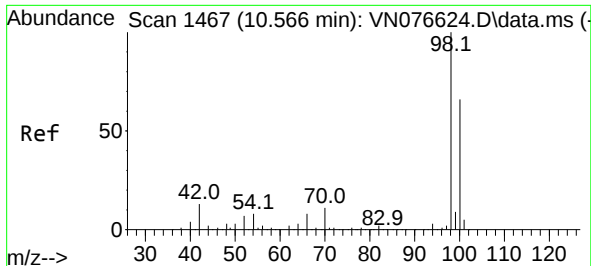
Ion Ratio Lower Upper

117 100

119 8.9 75.4 113.0#

121 0.0 26.0 39.0#

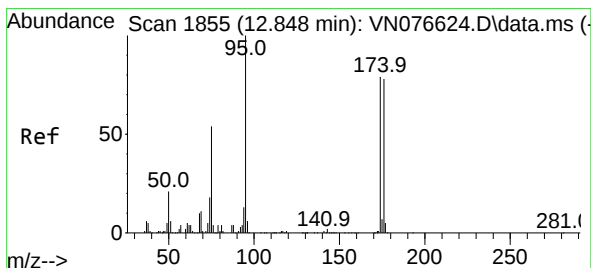
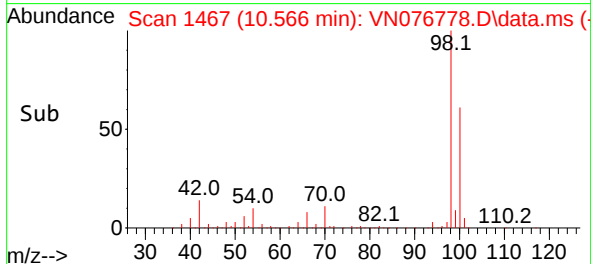
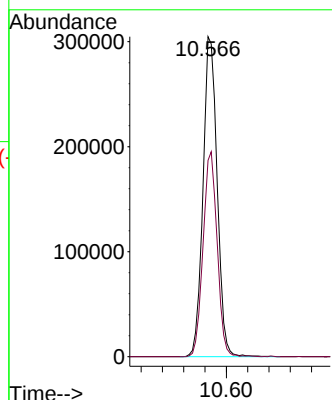
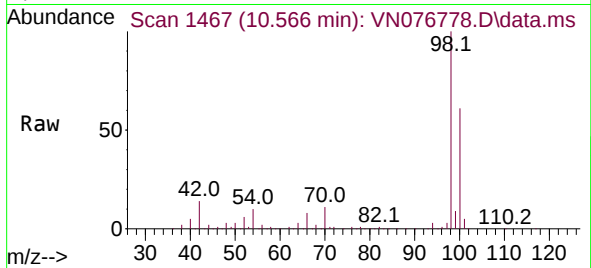




#50
Toluene-d8
Concen: 49.589 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

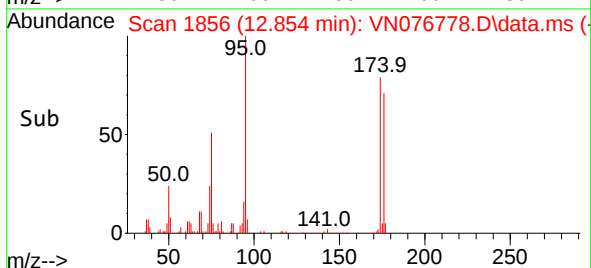
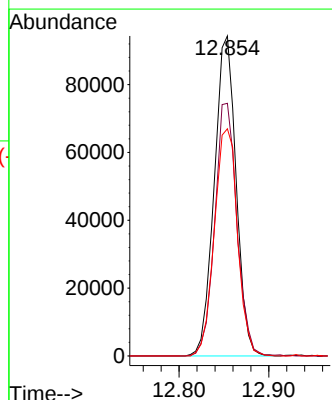
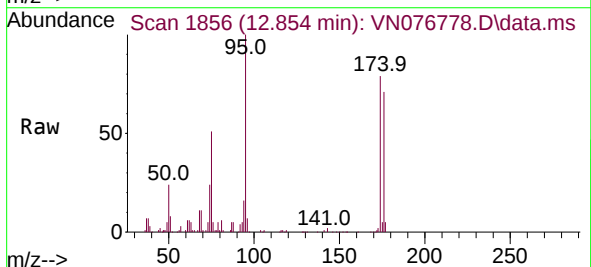
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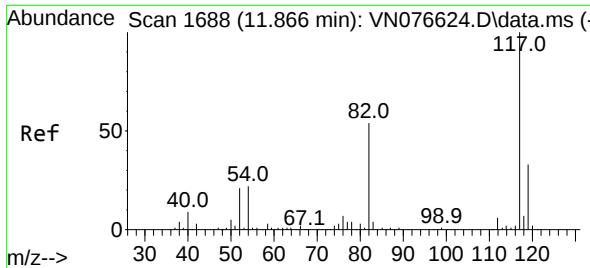
Tgt Ion: 98 Resp: 561360
Ion Ratio Lower Upper
98 100
100 63.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 42.508 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 95 Resp: 159377
Ion Ratio Lower Upper
95 100
174 80.0 0.0 169.2
176 75.3 0.0 163.4

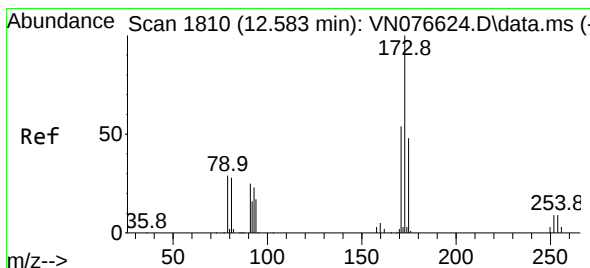
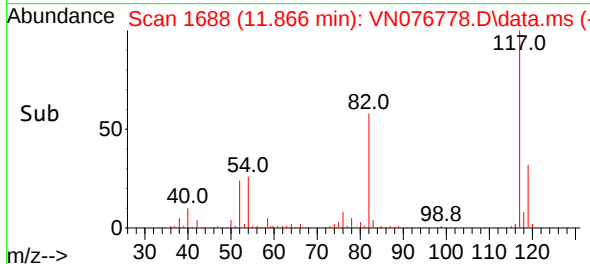
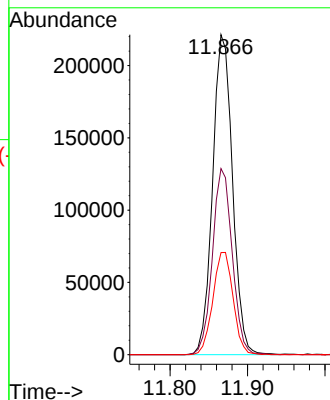
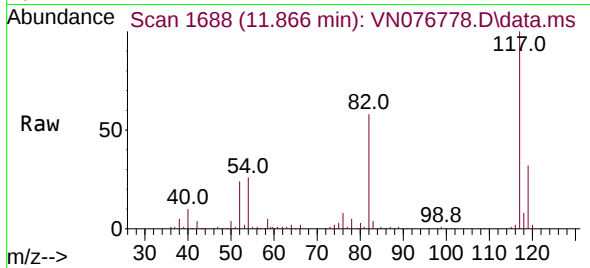




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

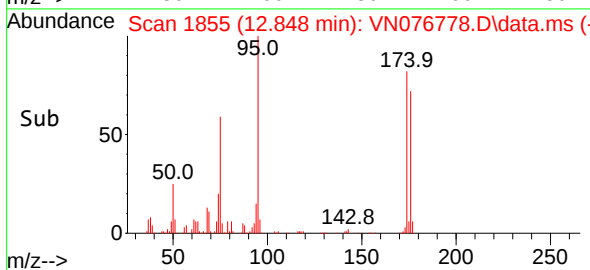
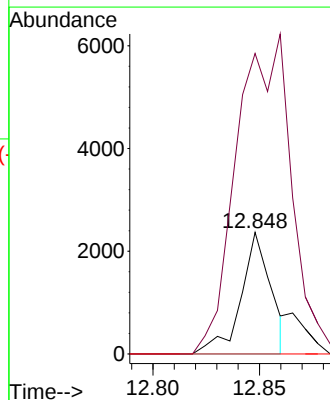
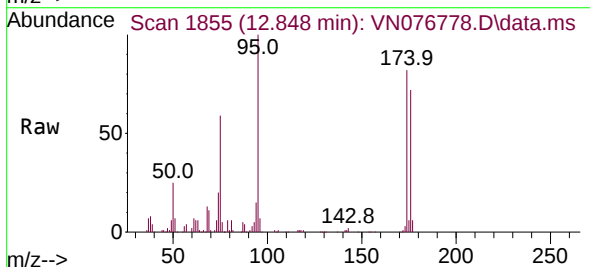
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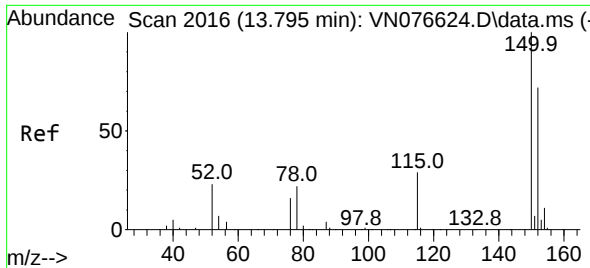
Tgt Ion:117 Resp: 394625
Ion Ratio Lower Upper
117 100
82 58.1 43.4 65.2
119 31.9 26.1 39.1



#71
Bromoform
Concen: 1.041 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.265 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

Tgt Ion:173 Resp: 2319
Ion Ratio Lower Upper
173 100
175 305.9 24.9 74.7#
254 0.0 0.1 0.1#

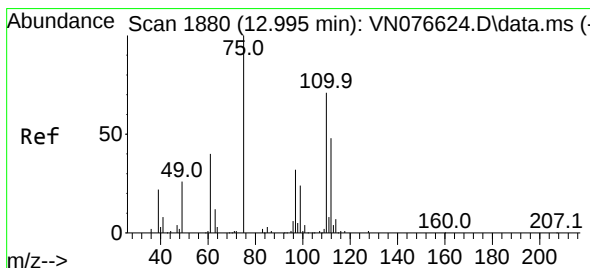
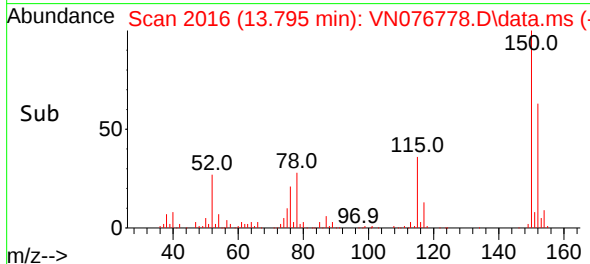
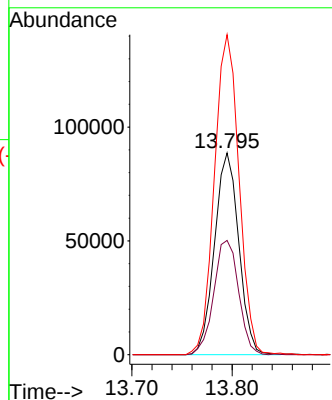
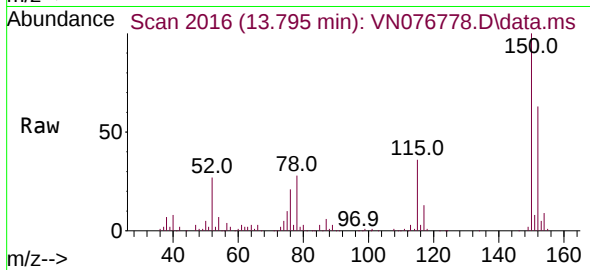




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN076778.D
 Acq: 22 Feb 2023 18:04

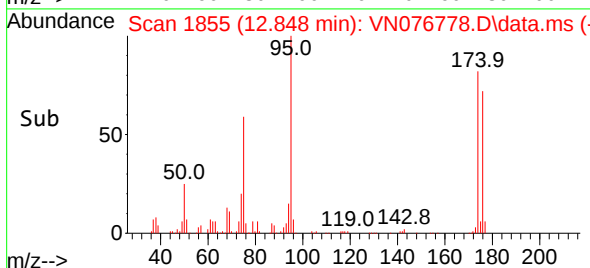
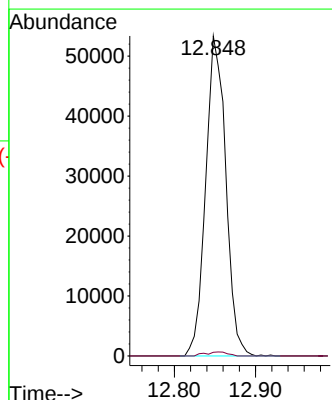
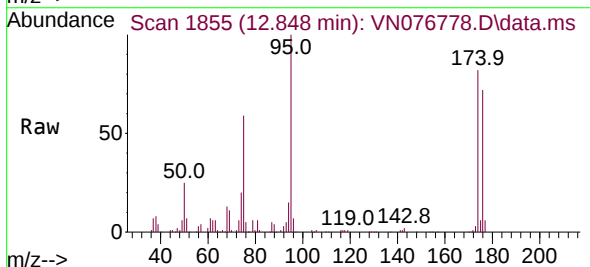
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2023-2-22

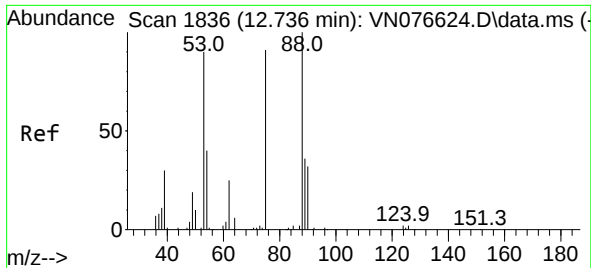
Tgt Ion:152 Resp: 148319
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.3 87.9
 150 161.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.564 ug/l
 RT: 12.848 min Scan# 1855
 Delta R.T. -0.147 min
 Lab File: VN076778.D
 Acq: 22 Feb 2023 18:04

Tgt Ion: 75 Resp: 91648
 Ion Ratio Lower Upper
 75 100
 77 1.4 93.1 279.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.019 ug/l
RT: 12.848 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN076778.D
Acq: 22 Feb 2023 18:04

Instrument :
MSVOA_N
ClientSampleId :
EB-2023-2-22

Tgt Ion: 75 Resp: 91648
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.2 37.5 56.3#

