

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076637.D
 Acq On : 13 Feb 2023 19:08
 Operator : JC\MD
 Sample : 01532-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-021023

Quant Time: Feb 14 05:26:20 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)

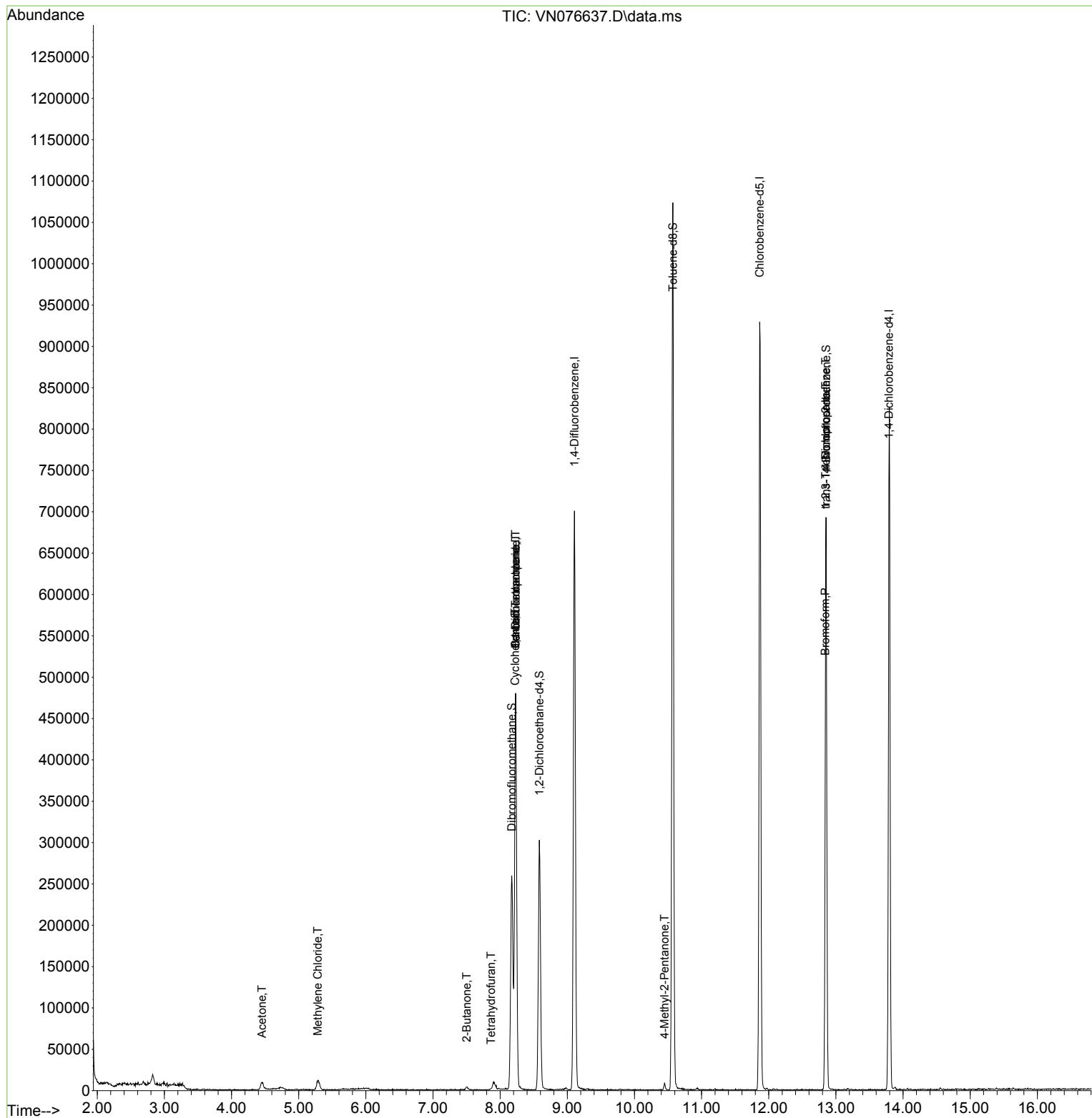
Internal Standards						
1) Pentafluorobenzene	8.231	168	331819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	596149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	532962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.789	152	213957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	232443	50.730	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.460%		
35) Dibromofluoromethane	8.172	113	190750	48.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.720%		
50) Toluene-d8	10.572	98	722088	49.526	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.854	95	221527	45.875	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.740%		
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	17836	8.715	ug/l	89
20) Methylene Chloride	5.284	84	8588	2.002	ug/l	98
25) 2-Butanone	7.501	43	5814	1.926	ug/l #	78
29) Tetrahydrofuran	7.866	42	695	0.352	ug/l #	89
31) Cyclohexane	8.225	56	9027	1.256	ug/l #	6
36) 1,1-Dichloropropene	8.231	75	30966	5.490	ug/l #	50
38) Carbon Tetrachloride	8.231	117	36240	6.369	ug/l #	17
51) 4-Methyl-2-Pentanone	10.448	43	4946	0.805	ug/l	93
71) Bromoform	12.842	173	1016	0.338	ug/l #	28
76) 1,2,3-Trichloropropane	12.848	75	122917	28.416	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	122917	82.764	ug/l #	4

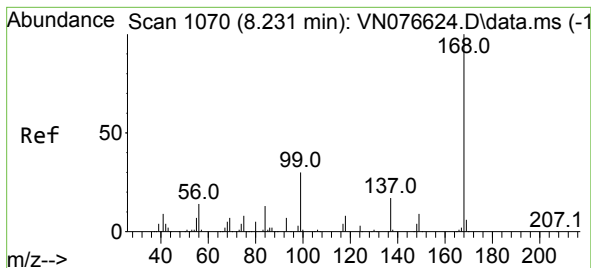
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
Data File : VN076637.D
Acq On : 13 Feb 2023 19:08
Operator : JC\MD
Sample : 01532-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EB-01-021023

Quant Time: Feb 14 05:26:20 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

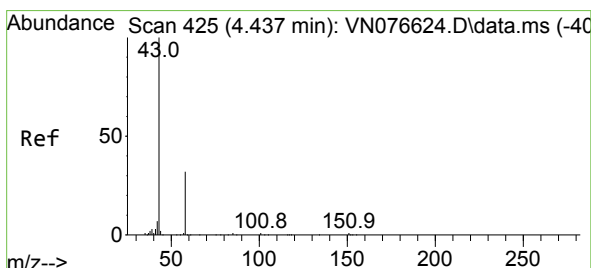
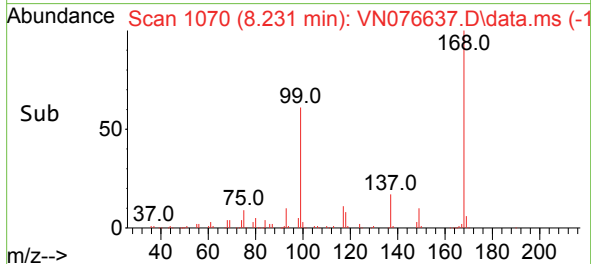
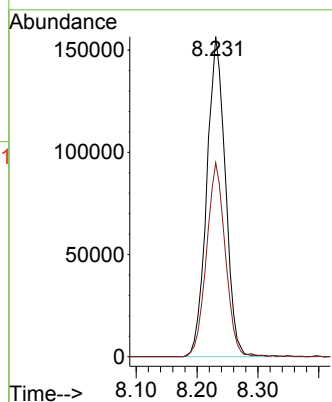
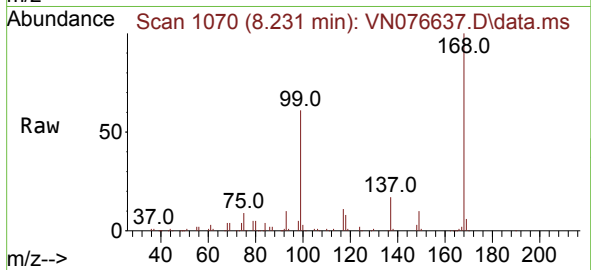




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

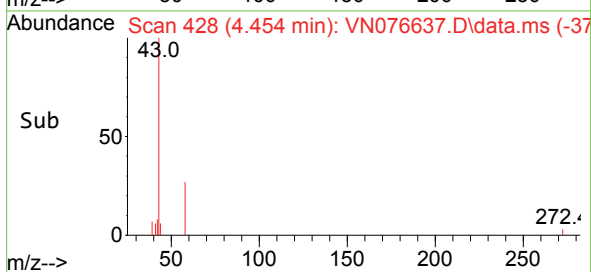
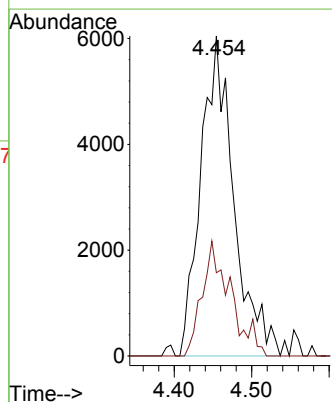
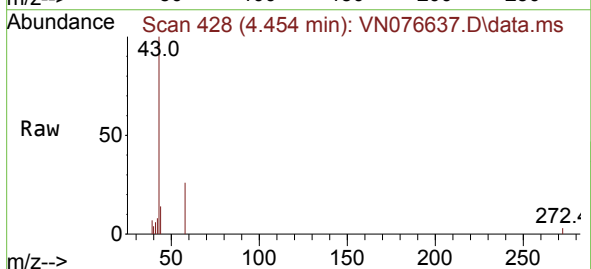
Instrument :
MSVOA_N
ClientSampleId :
EB-01-021023

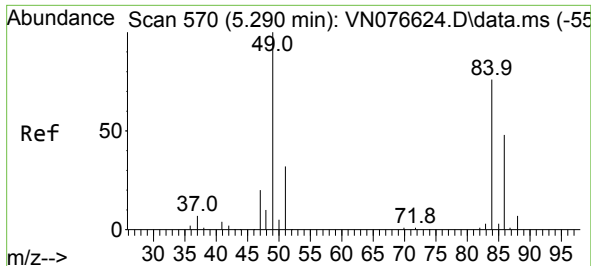
Tgt Ion:168 Resp: 331819
Ion Ratio Lower Upper
168 100
99 60.6 44.8 67.2



#16
Acetone
Concen: 8.715 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

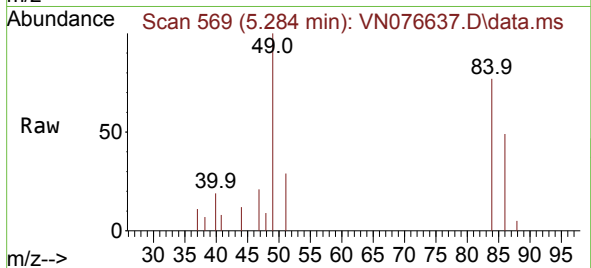
Tgt Ion: 43 Resp: 17836
Ion Ratio Lower Upper
43 100
58 26.0 25.9 38.9



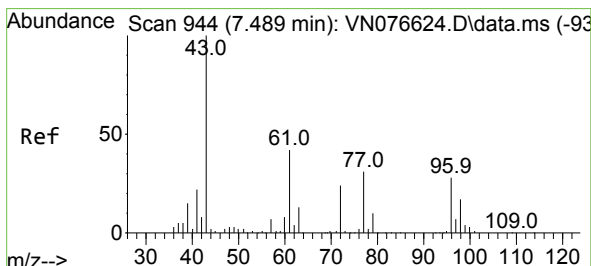
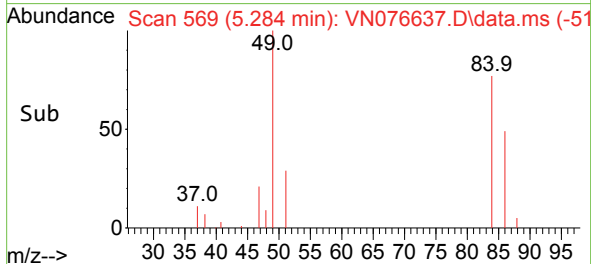
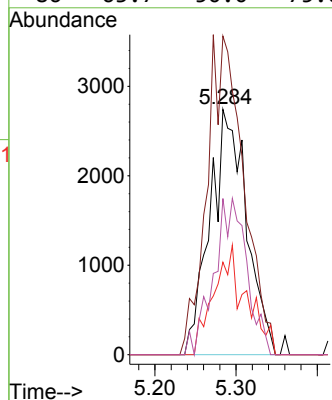


#20
Methylene Chloride
Concen: 2.002 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

Instrument :
MSVOA_N
ClientSampleId :
EB-01-021023

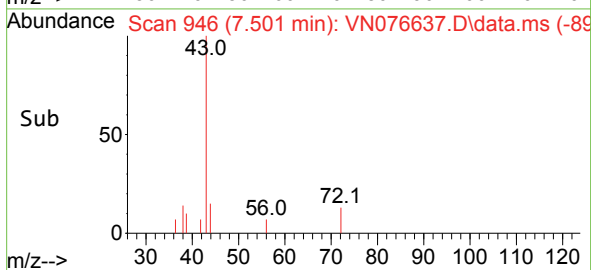
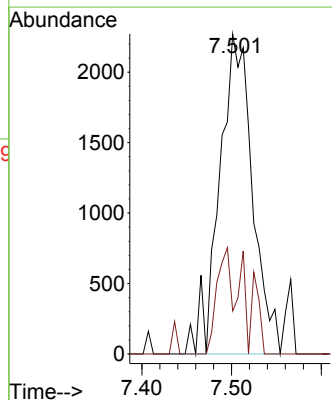
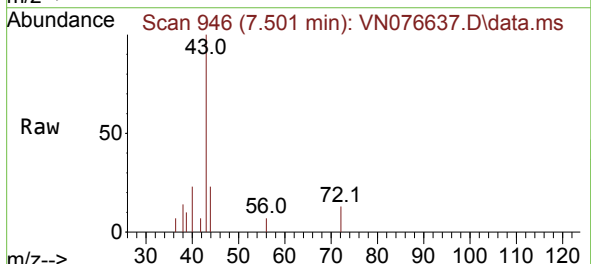


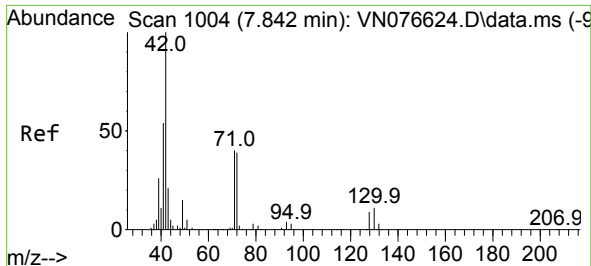
Tgt Ion:	84	Resp:	8588
Ion	Ratio	Lower	Upper
84	100		
49	129.9	104.9	157.3
51	37.7	33.8	50.8
86	63.7	50.0	75.0



#25
2-Butanone
Concen: 1.926 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

Tgt Ion:	43	Resp:	5814
Ion	Ratio	Lower	Upper
43	100		
72	13.5	19.4	29.2#

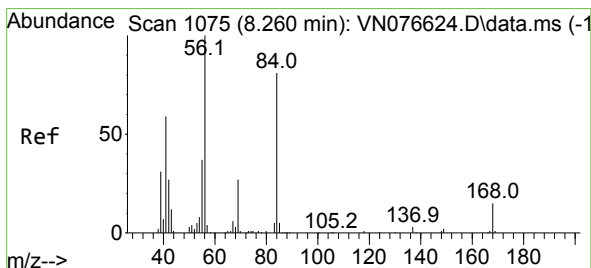
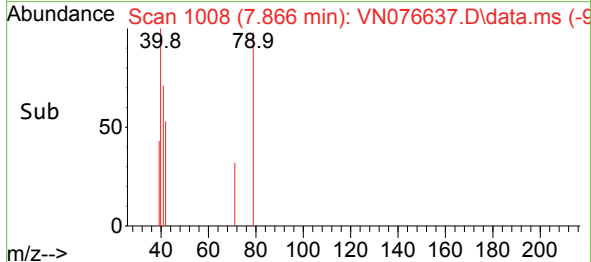
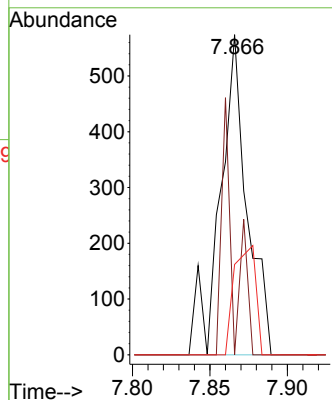
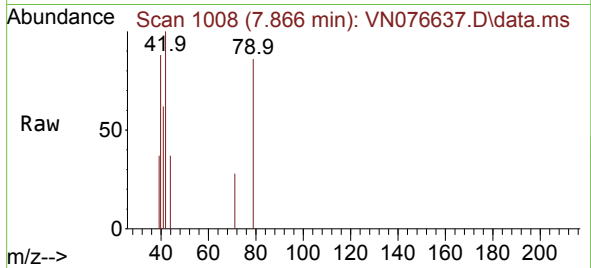




#29
Tetrahydrofuran
Concen: 0.352 ug/l
RT: 7.866 min Scan# 1008
Delta R.T. 0.023 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

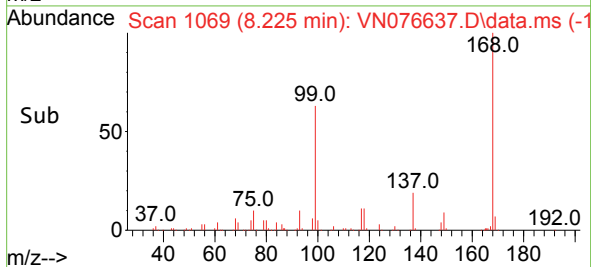
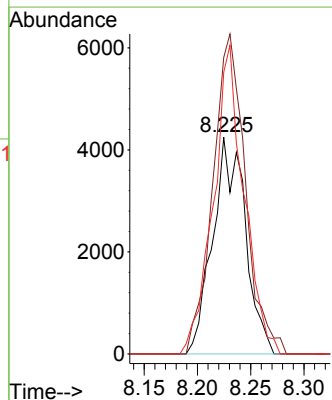
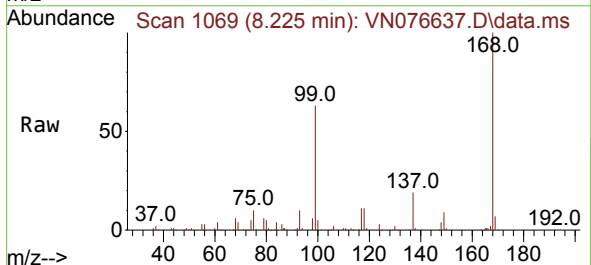
Instrument :
MSVOA_N
ClientSampleId :
EB-01-021023

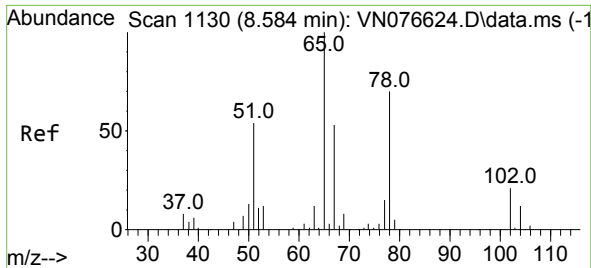
Tgt Ion: 42	Resp: 695
Ion Ratio	Lower Upper
42	100
72	35.7 31.5 47.3
71	27.2 29.8 44.8#



#31
Cyclohexane
Concen: 1.256 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

Tgt Ion: 56	Resp: 9027
Ion Ratio	Lower Upper
56	100
69	136.8 21.6 32.4#
84	129.9 65.1 97.7#





#33

1,2-Dichloroethane-d4

Concen: 50.730 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076637.D

Acq: 13 Feb 2023 19:08

Instrument :

MSVOA_N

ClientSampleId :

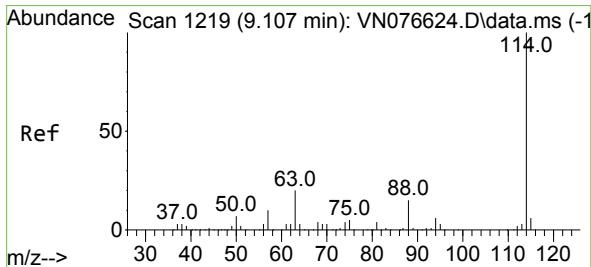
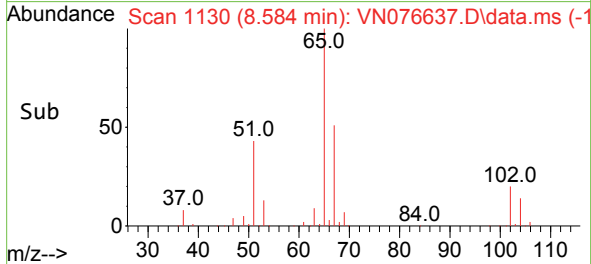
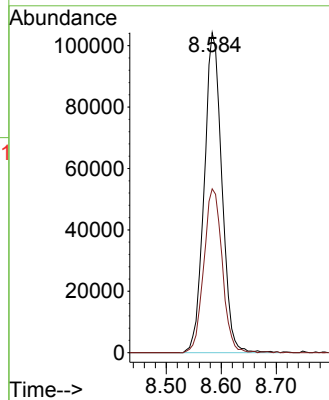
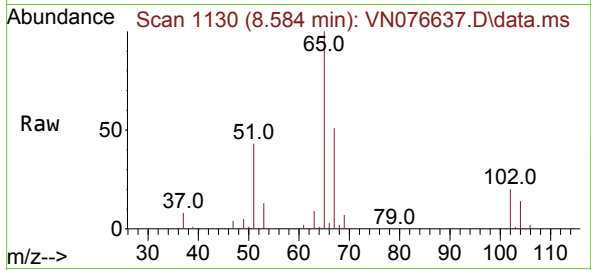
EB-01-021023

Tgt Ion: 65 Resp: 232443

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076637.D

Acq: 13 Feb 2023 19:08

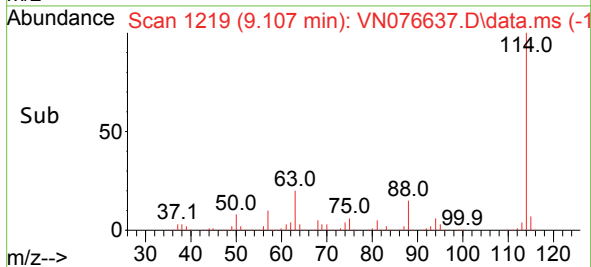
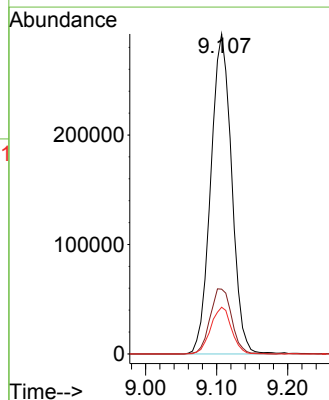
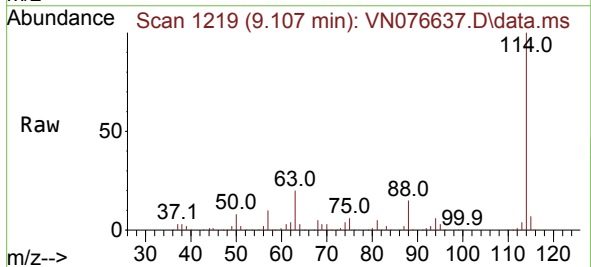
Tgt Ion: 114 Resp: 596149

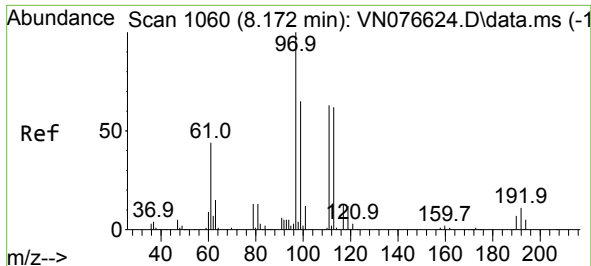
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 14.6 0.0 29.6

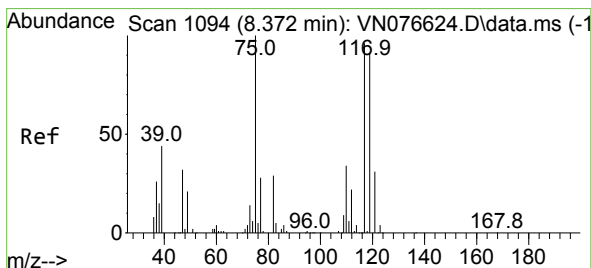
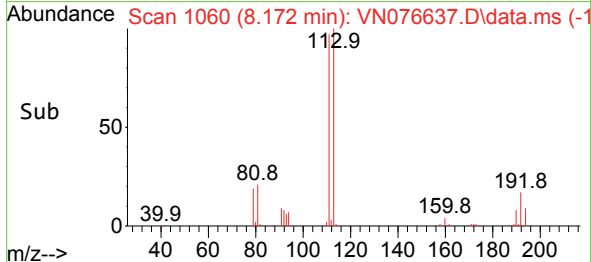
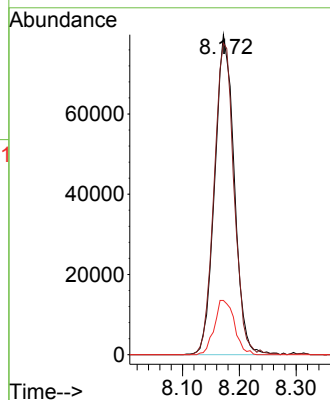
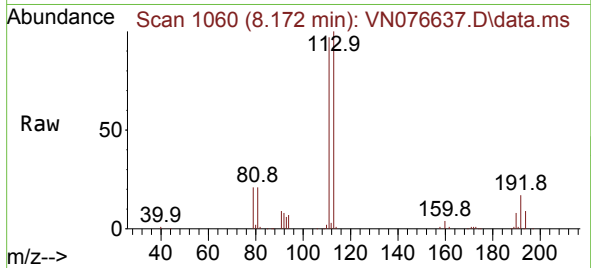




#35
Dibromofluoromethane
Concen: 48.859 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

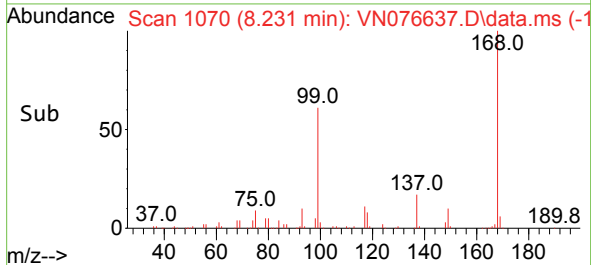
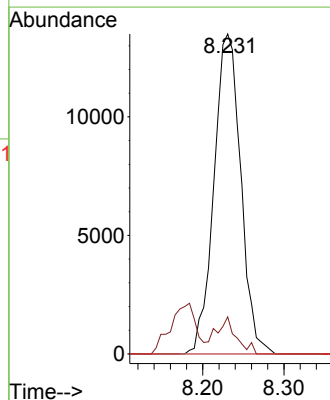
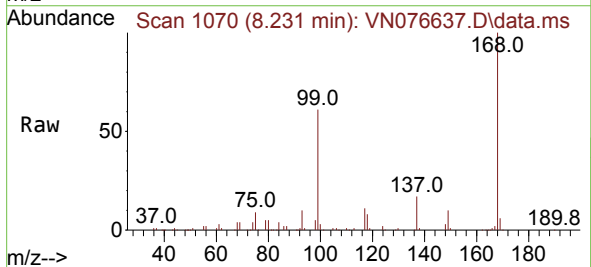
Instrument :
MSVOA_N
ClientSampleId :
EB-01-021023

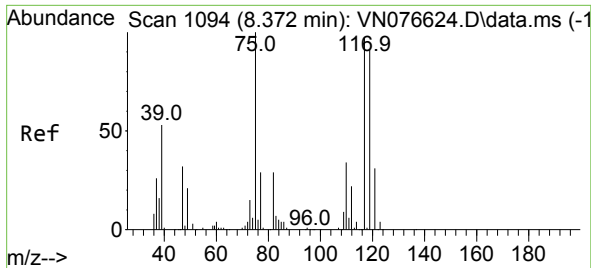
Tgt Ion: 113 Resp: 190750
Ion Ratio Lower Upper
113 100
111 99.2 83.1 124.7
192 17.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.490 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

Tgt Ion: 75 Resp: 30966
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.5 36.7#

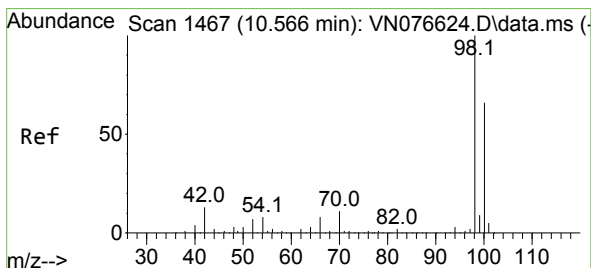
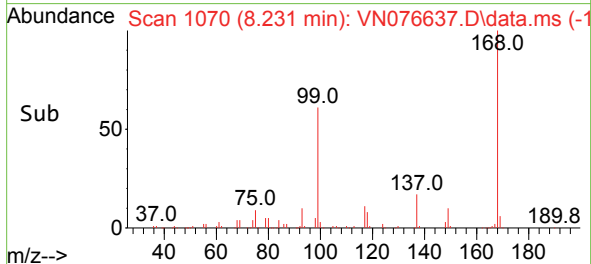
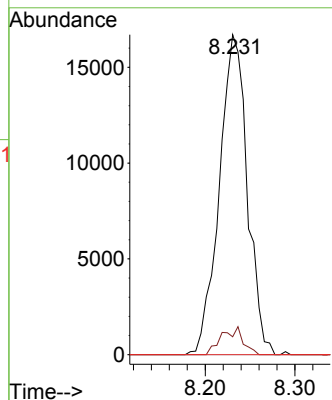
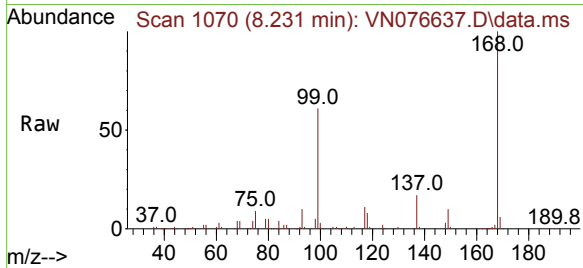




#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 8.231 min Scan# 1094
Delta R.T. -0.141 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

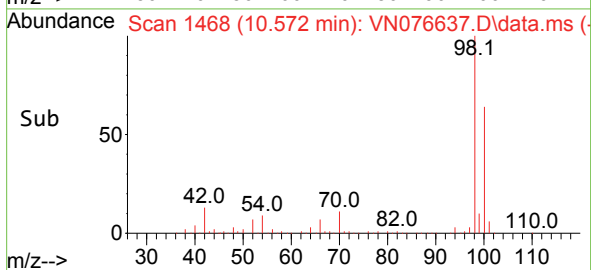
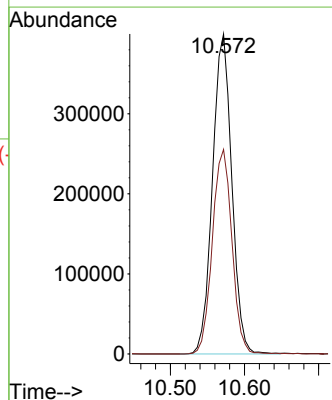
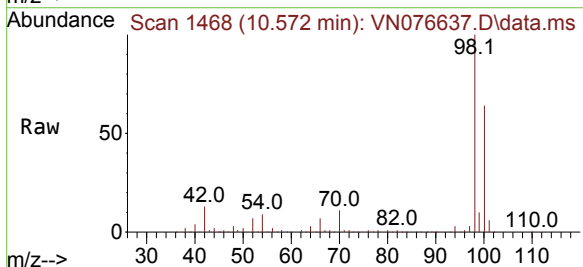
Instrument :
MSVOA_N
ClientSampleId :
EB-01-021023

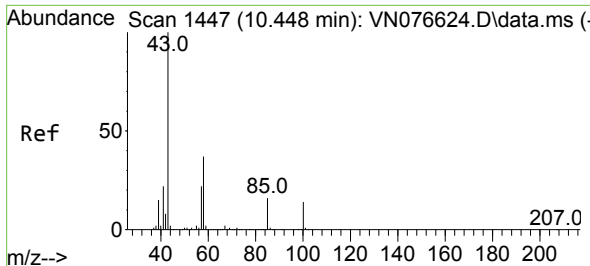
Tgt Ion:117 Resp: 36240
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.0#
121 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 49.526 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

Tgt Ion: 98 Resp: 722088
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 0.805 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN076637.D

Acq: 13 Feb 2023 19:08

Instrument :

MSVOA_N

ClientSampleId :

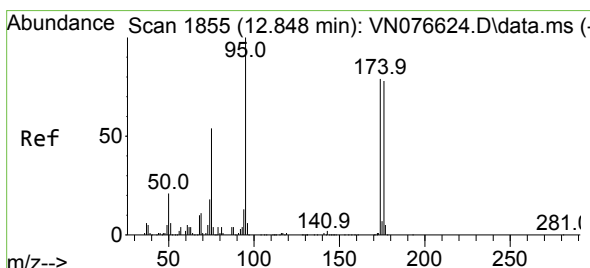
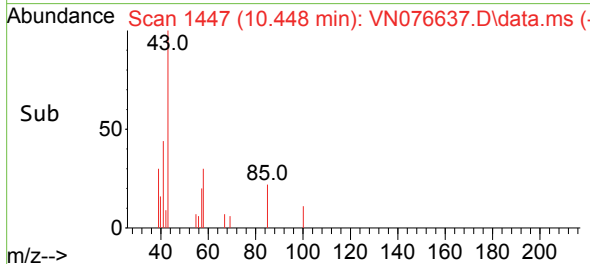
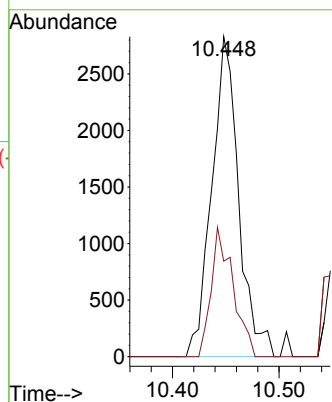
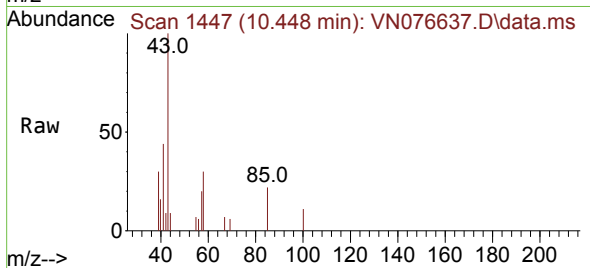
EB-01-021023

Tgt Ion: 43 Resp: 4946

Ion Ratio Lower Upper

43 100

58 32.9 29.5 44.3



#62

4-Bromofluorobenzene

Concen: 45.875 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076637.D

Acq: 13 Feb 2023 19:08

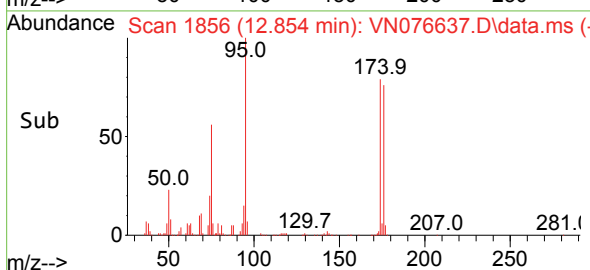
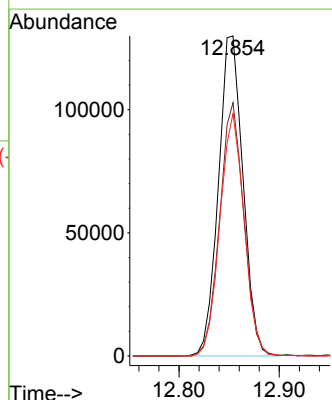
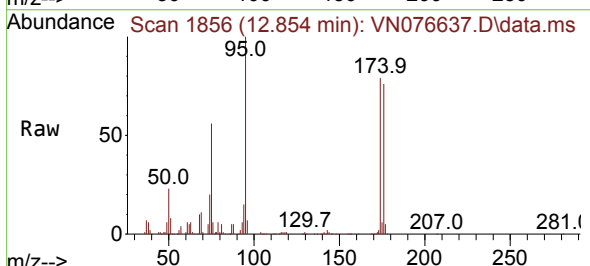
Tgt Ion: 95 Resp: 221527

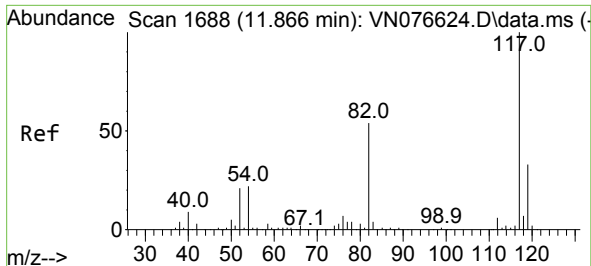
Ion Ratio Lower Upper

95 100

174 77.6 0.0 169.2

176 74.5 0.0 163.4

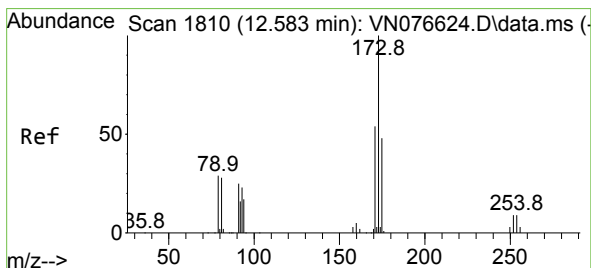
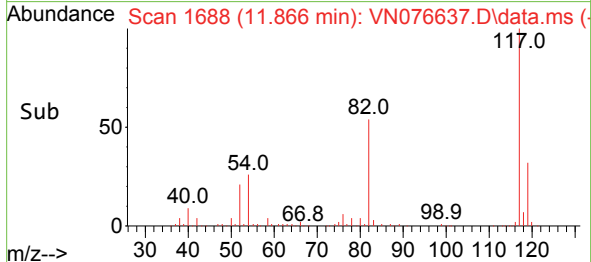
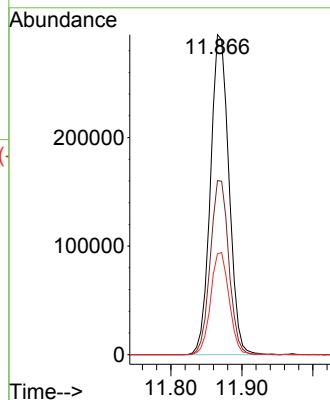
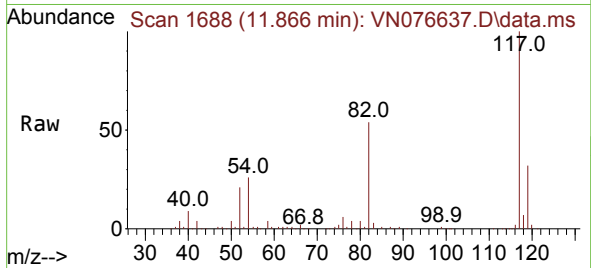




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

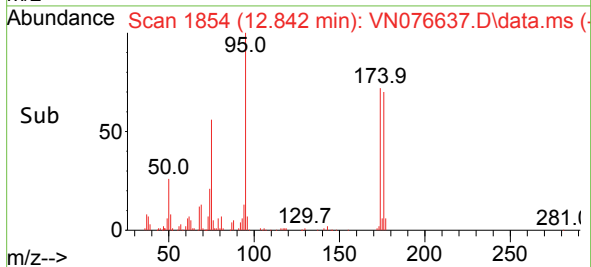
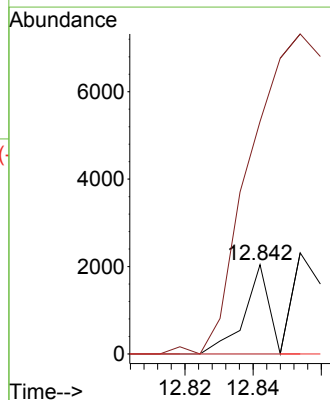
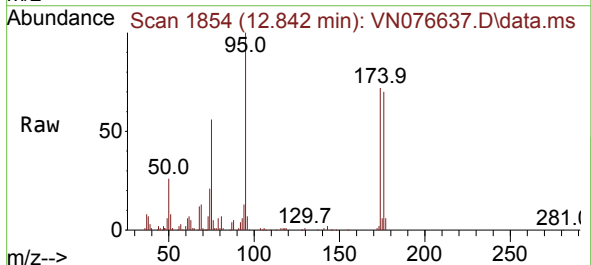
Instrument :
MSVOA_N
ClientSampleId :
EB-01-021023

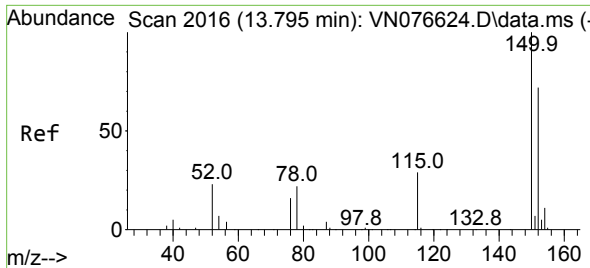
Tgt Ion:117 Resp: 532962
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.2
119 31.5 26.1 39.1



#71
Bromoform
Concen: 0.338 ug/l
RT: 12.842 min Scan# 1854
Delta R.T. 0.259 min
Lab File: VN076637.D
Acq: 13 Feb 2023 19:08

Tgt Ion:173 Resp: 1016
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7#
254 0.0 0.1 0.1#

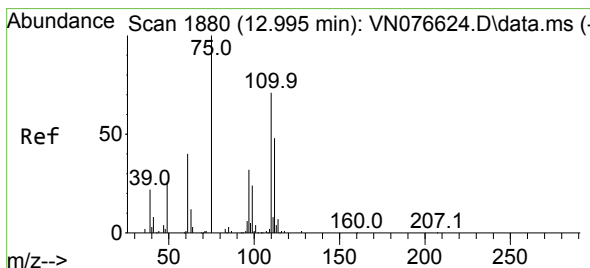
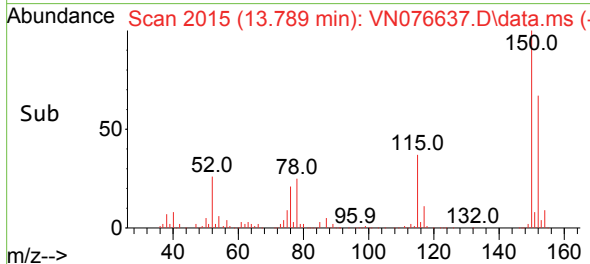
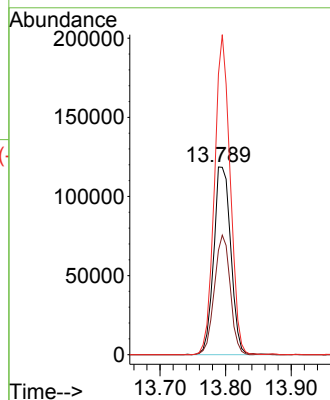
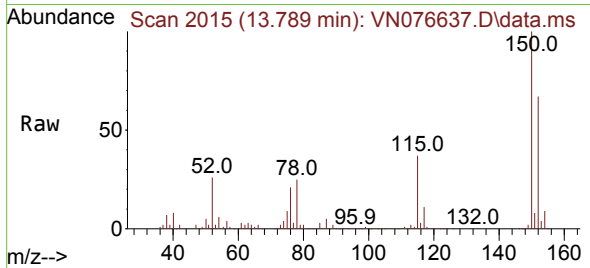




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.789 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN076637.D
 Acq: 13 Feb 2023 19:08

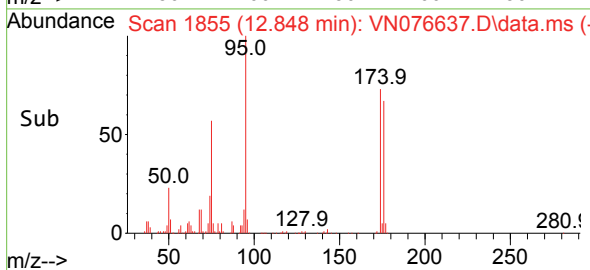
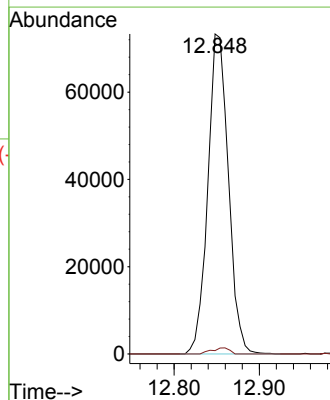
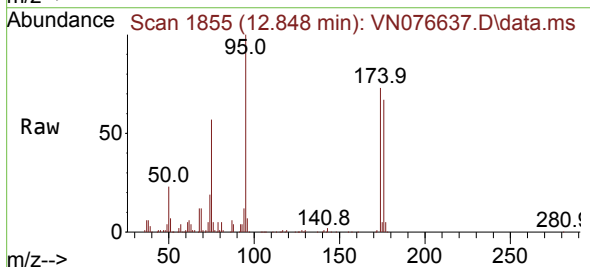
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-021023

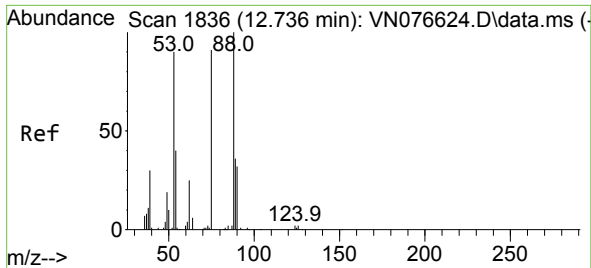
Tgt Ion:152 Resp: 213957
 Ion Ratio Lower Upper
 152 100
 115 59.2 29.3 87.9
 150 156.5 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 28.416 ug/l
 RT: 12.848 min Scan# 1855
 Delta R.T. -0.147 min
 Lab File: VN076637.D
 Acq: 13 Feb 2023 19:08

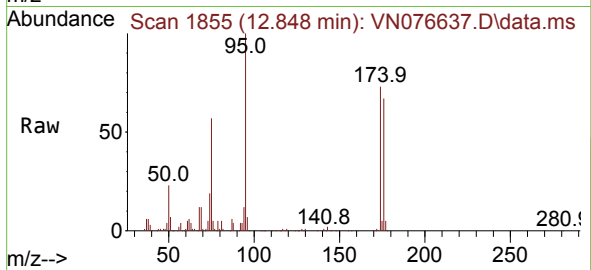
Tgt Ion: 75 Resp: 122917
 Ion Ratio Lower Upper
 75 100
 77 1.7 93.1 279.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.764 ug/l
 RT: 12.848 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN076637.D
 Acq: 13 Feb 2023 19:08

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-021023



Tgt Ion: 75 Resp: 122917
 Ion Ratio Lower Upper
 75 100
 53 0.1 92.1 138.1#
 89 0.0 37.5 56.3#

