

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077036.D
 Acq On : 17 Mar 2023 16:09
 Operator : JC\MD
 Sample : VN0317WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBL01

Quant Time: Mar 18 02:30:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	378095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	679396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	603785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	229088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	294147	48.705	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.400%
35) Dibromofluoromethane	8.172	113	216807	45.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.140%
50) Toluene-d8	10.572	98	838814	49.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.854	95	292270	48.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.340%

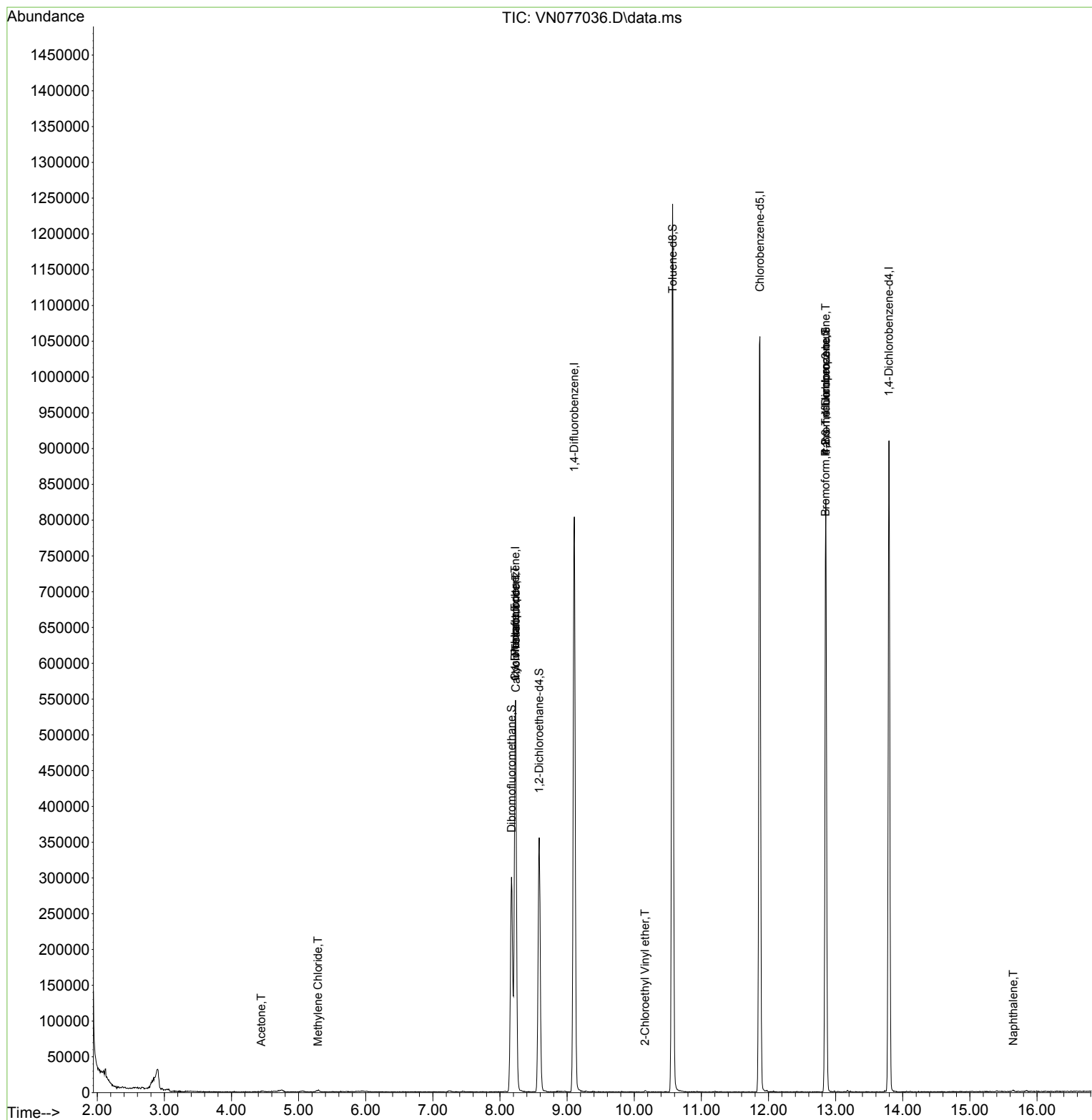
Target Compounds					Qvalue	
16) Acetone	4.443	43	763	0.284	ug/l #	43
20) Methylene Chloride	5.290	84	1952	0.334	ug/l #	49
31) Cyclohexane	8.225	56	9141	0.925	ug/l #	1
36) 1,1-Dichloropropene	8.225	75	35377	4.760	ug/l #	51
38) Carbon Tetrachloride	8.236	117	41936	5.793	ug/l #	16
58) 2-Chloroethyl Vinyl ether	10.160	63	947	0.278	ug/l	98
71) Bromoform	12.848	173	1365	0.392	ug/l #	28
76) 1,2,3-Trichloropropane	12.854	75	156352	26.386	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	156352	72.628	ug/l #	10
95) Naphthalene	15.648	128	2599	2.076	ug/l #	84

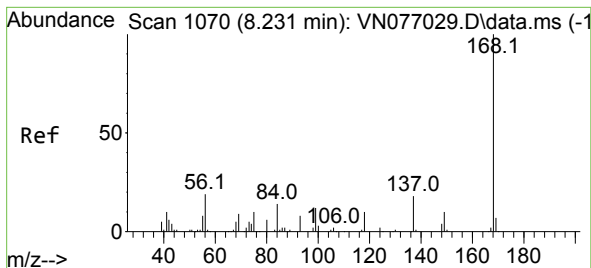
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
Data File : VN077036.D
Acq On : 17 Mar 2023 16:09
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Sample : VN0317WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBL01

Quant Time: Mar 18 02:30:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 18 02:17:37 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: VN077036.D

Acq: 17 Mar 2023 16:09

Instrument :

MSVOA_N

ClientSampleId :

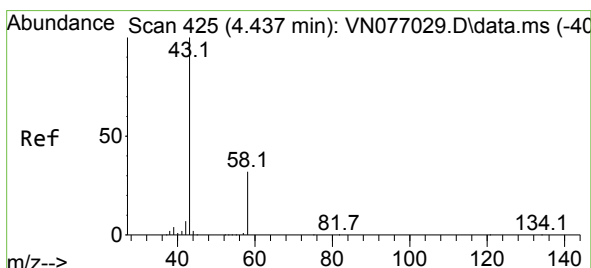
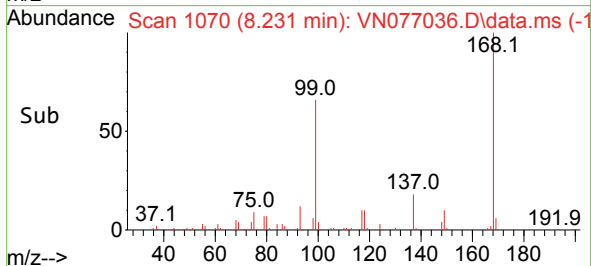
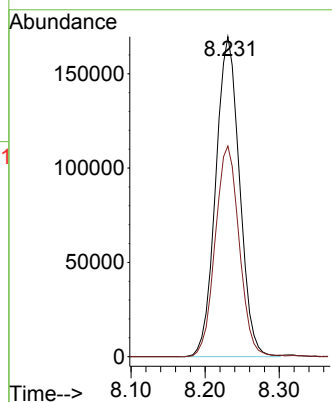
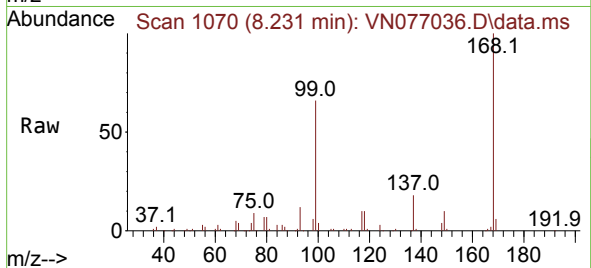
VN0317WBL01

Tgt Ion:168 Resp: 378095

Ion Ratio Lower Upper

168 100

99 65.8 53.9 80.9



#16

Acetone

Concen: 0.284 ug/l

RT: 4.443 min Scan# 426

Delta R.T. 0.006 min

Lab File: VN077036.D

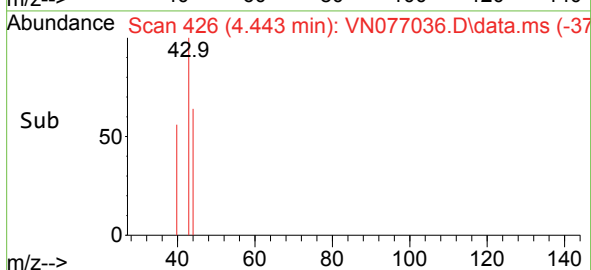
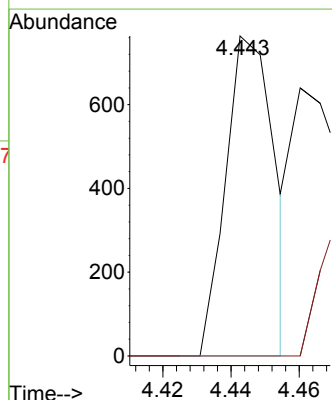
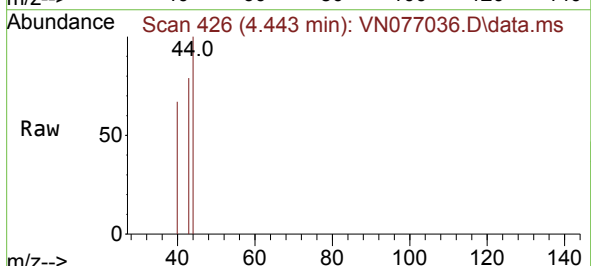
Acq: 17 Mar 2023 16:09

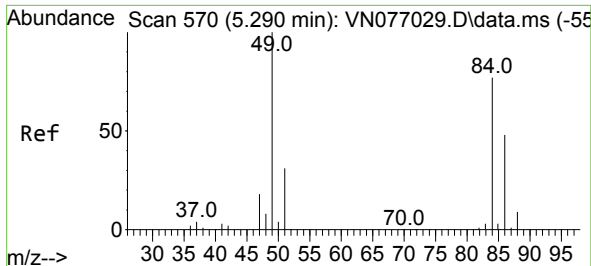
Tgt Ion: 43 Resp: 763

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.0#

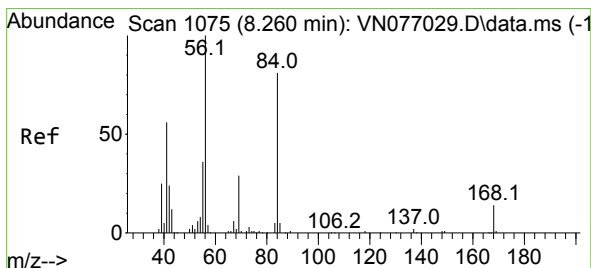
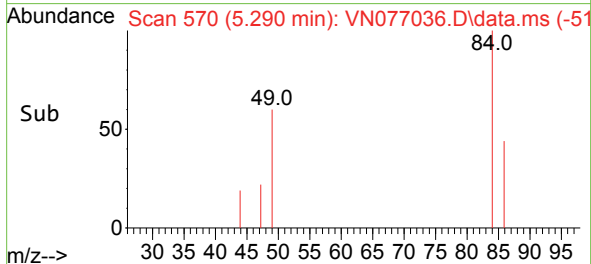
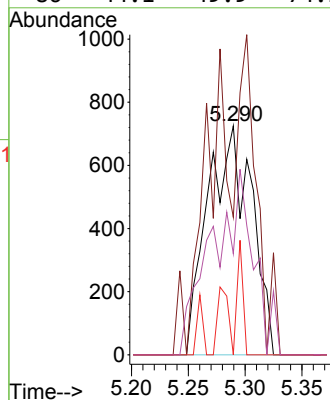
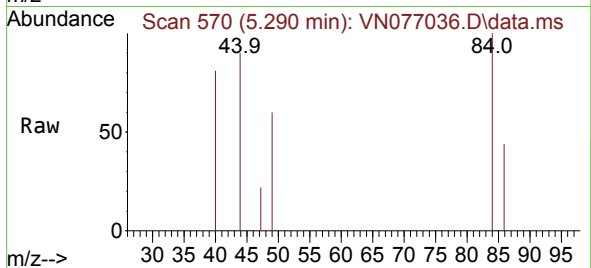




#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 5.290 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

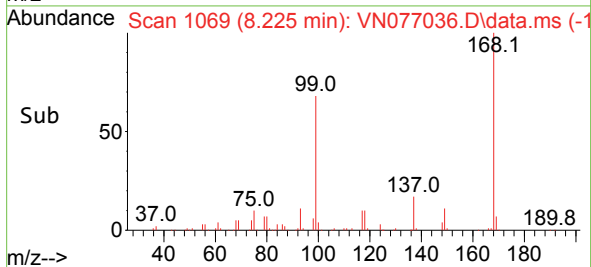
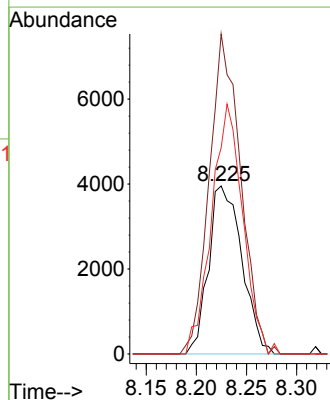
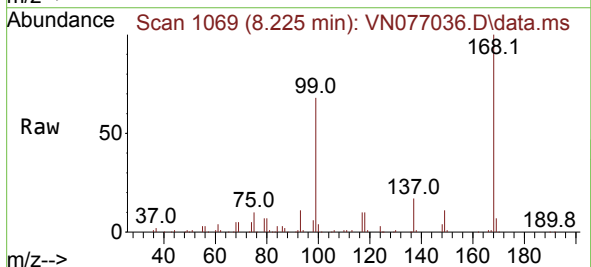
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBL01

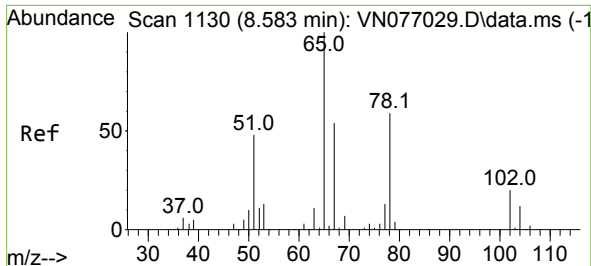
Tgt Ion:	84	Resp:	1952
Ion	Ratio	Lower	Upper
84	100		
49	60.1	103.8	155.6#
51	0.0	32.3	48.5#
86	44.1	49.9	74.9#



#31
Cyclohexane
Concen: 0.925 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

Tgt Ion:	56	Resp:	9141
Ion	Ratio	Lower	Upper
56	100		
69	190.5	22.8	34.2#
84	122.8	64.7	97.1#





#33

1,2-Dichloroethane-d4

Concen: 48.705 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077036.D

Acq: 17 Mar 2023 16:09

Instrument :

MSVOA_N

ClientSampleId :

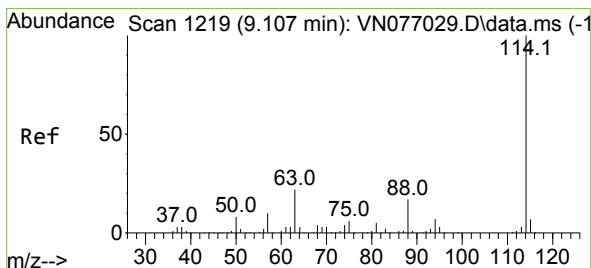
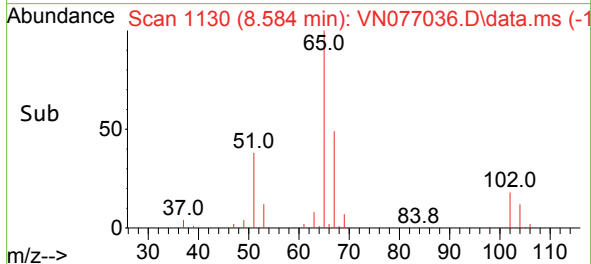
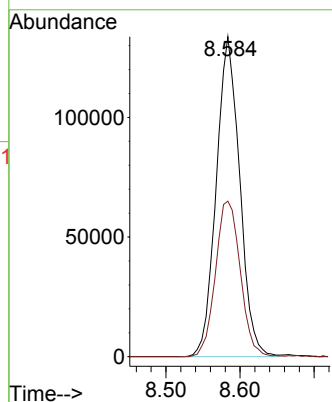
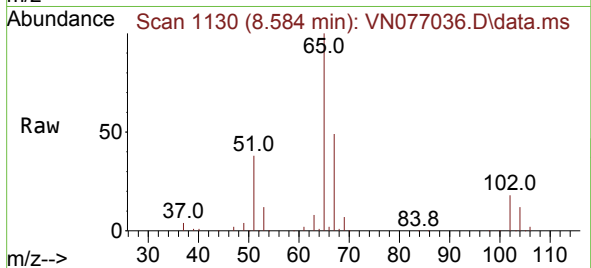
VN0317WBL01

Tgt Ion: 65 Resp: 294147

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077036.D

Acq: 17 Mar 2023 16:09

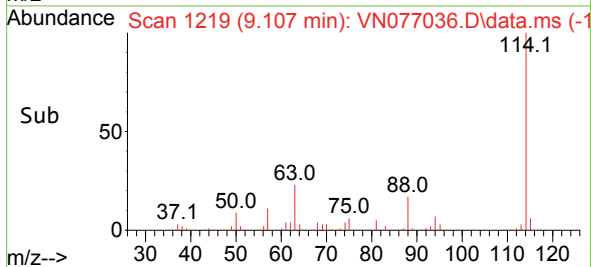
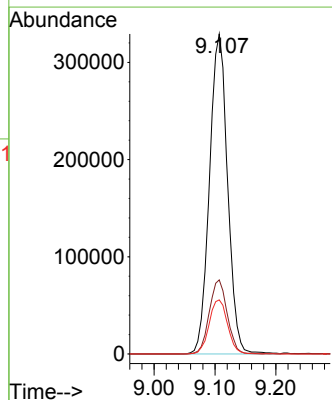
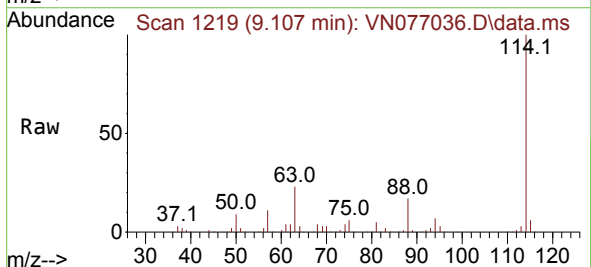
Tgt Ion: 114 Resp: 679396

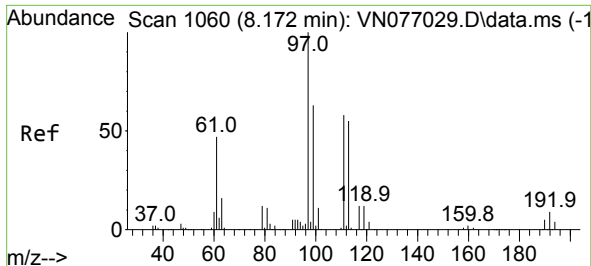
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 16.9 0.0 33.8

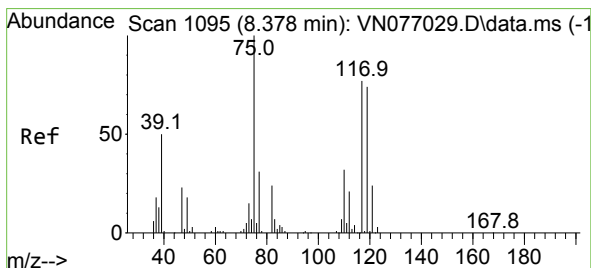
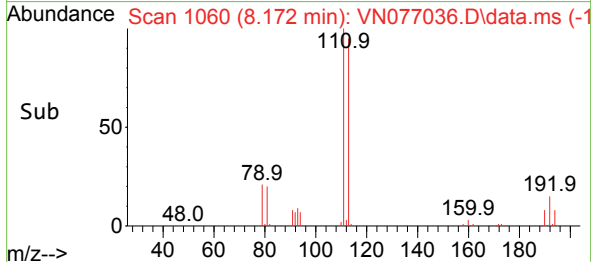
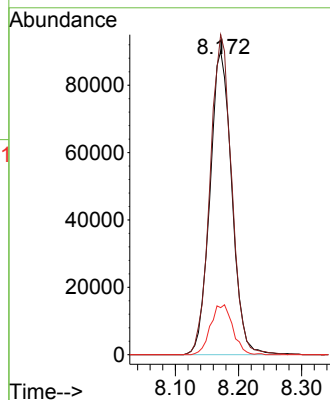
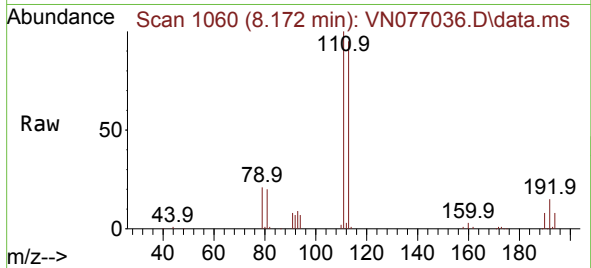




#35
Dibromofluoromethane
Concen: 45.568 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

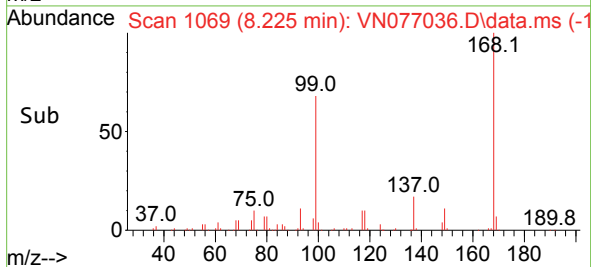
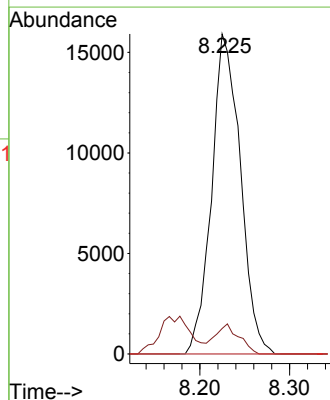
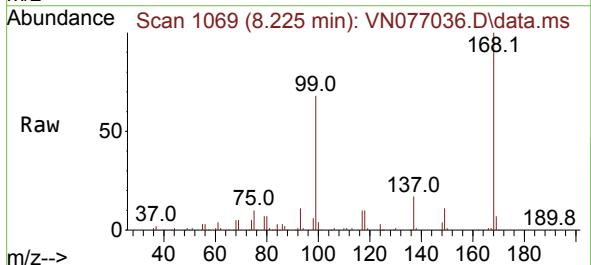
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBL01

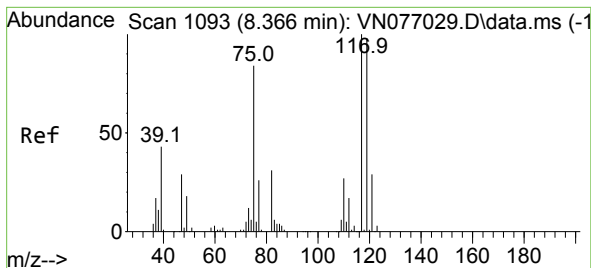
Tgt Ion:113 Resp: 216807
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 16.7 13.0 19.6



#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

Tgt Ion: 75 Resp: 35377
Ion Ratio Lower Upper
75 100
110 7.7 15.9 47.7#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.793 ug/l

RT: 8.236 min Scan# 1093

Delta R.T. -0.129 min

Lab File: VN077036.D

Acq: 17 Mar 2023 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBL01

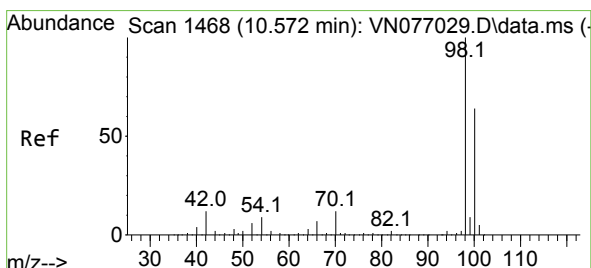
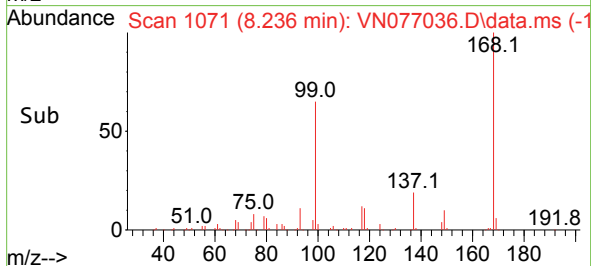
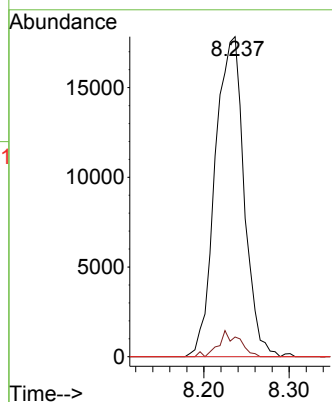
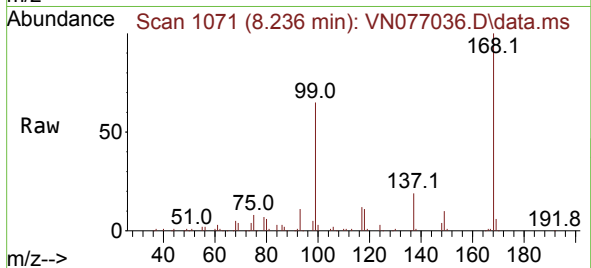
Tgt Ion:117 Resp: 41936

Ion Ratio Lower Upper

117 100

119 6.1 78.2 117.2#

121 0.0 23.2 34.8#



#50

Toluene-d8

Concen: 49.354 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077036.D

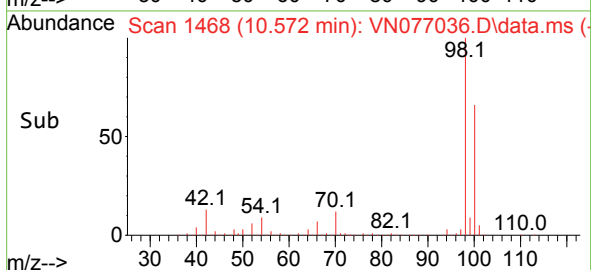
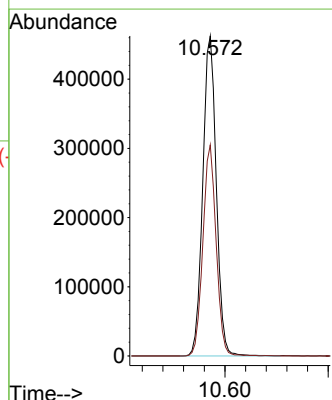
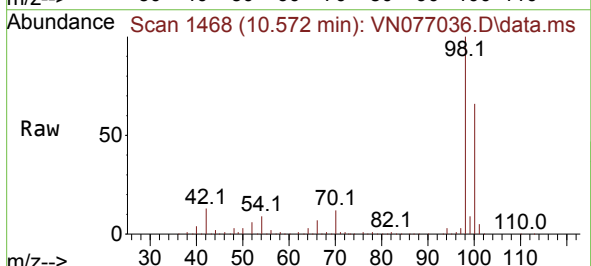
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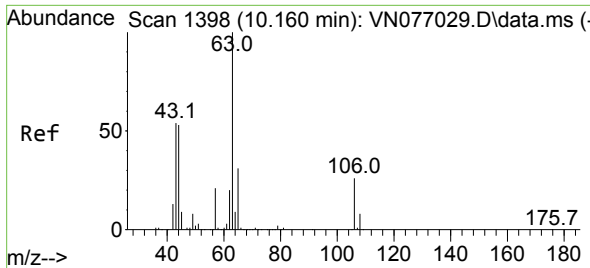
Tgt Ion: 98 Resp: 838814

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4

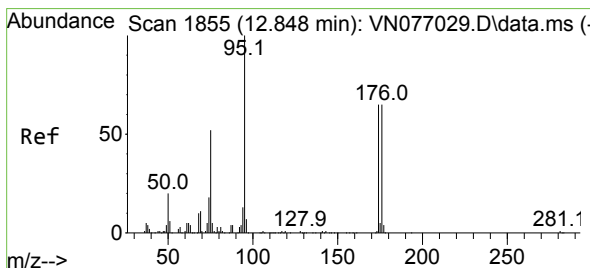
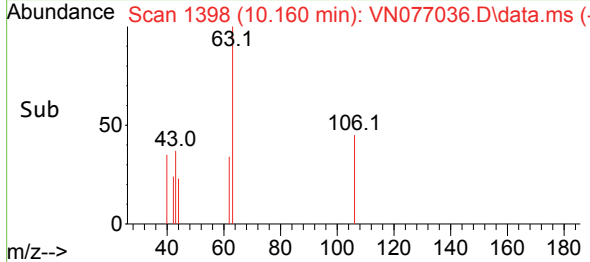
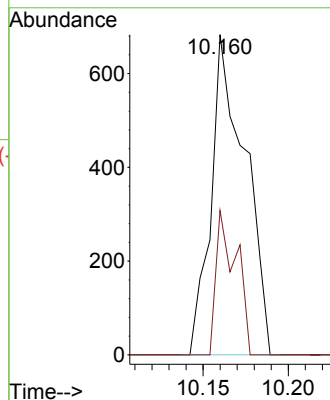
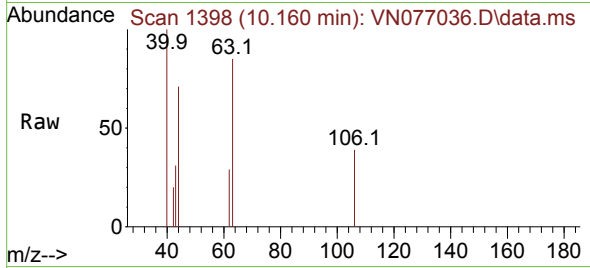




#58
2-Chloroethyl Vinyl ether
Concen: 0.278 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

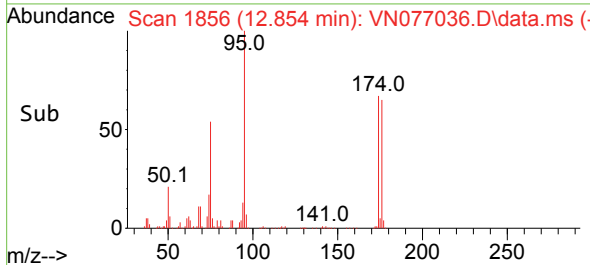
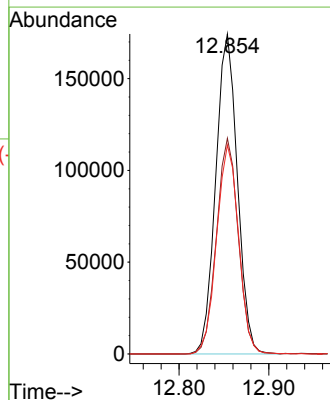
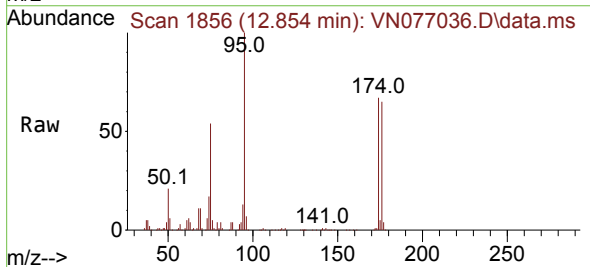
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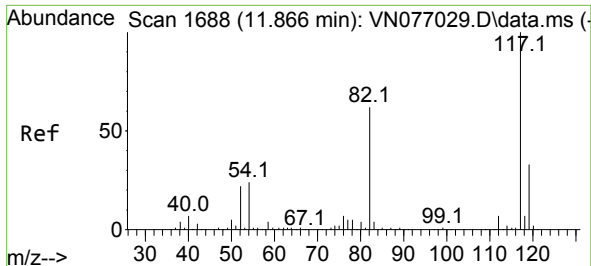
Tgt Ion: 63 Resp: 947
Ion Ratio Lower Upper
63 100
106 26.8 20.6 31.0



#62
4-Bromofluorobenzene
Concen: 48.665 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

Tgt Ion: 95 Resp: 292270
Ion Ratio Lower Upper
95 100
174 67.8 0.0 136.6
176 66.4 0.0 130.0

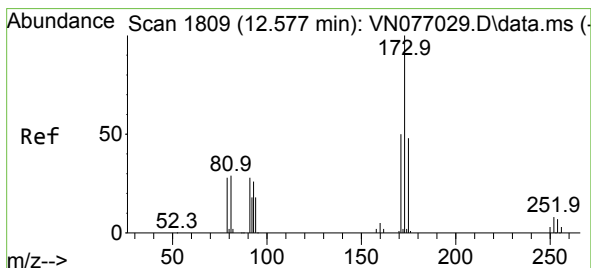
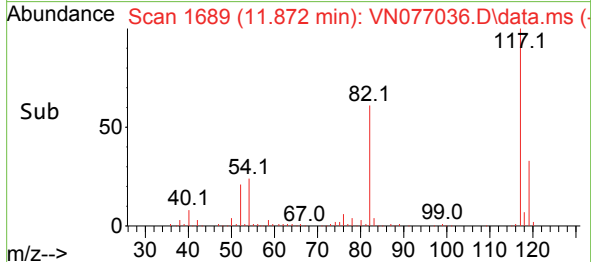
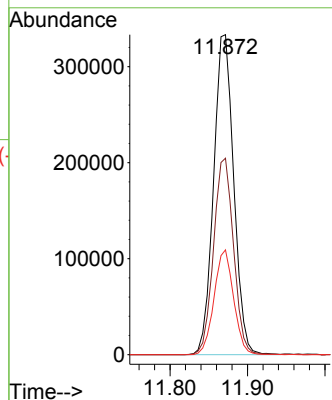
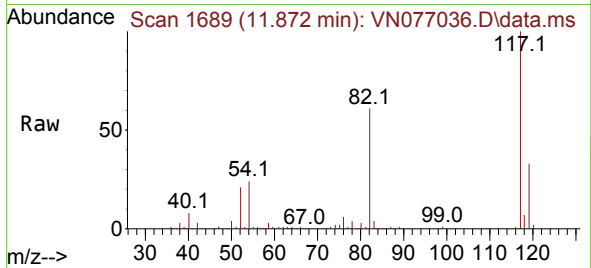




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

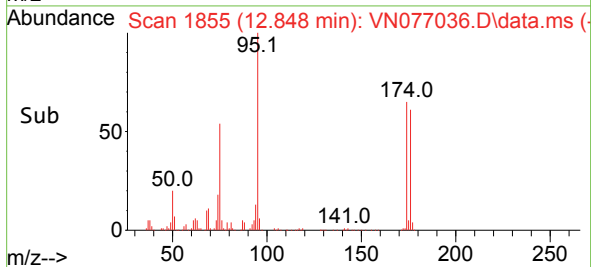
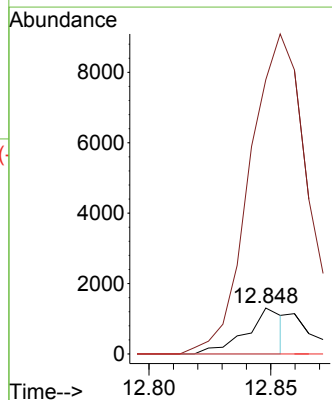
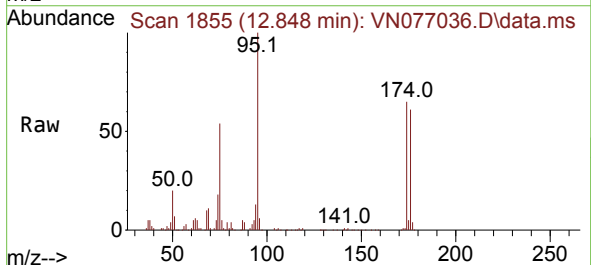
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBL01

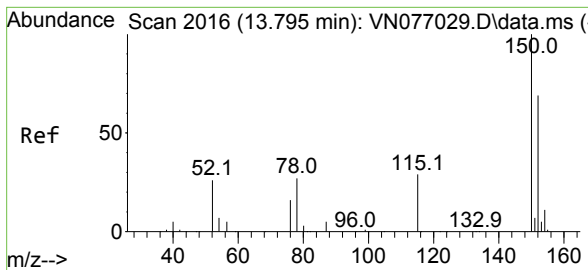
Tgt Ion:117 Resp: 603785
Ion Ratio Lower Upper
117 100
82 61.4 49.4 74.0
119 32.7 26.5 39.7



#71
Bromoform
Concen: 0.392 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.271 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

Tgt Ion:173 Resp: 1365
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.1 0.1#

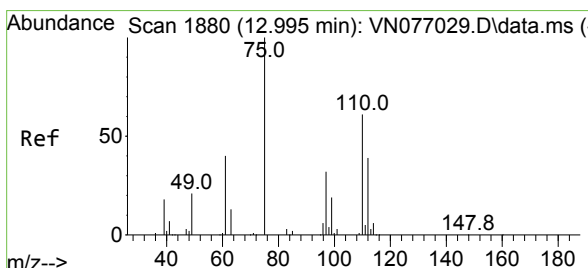
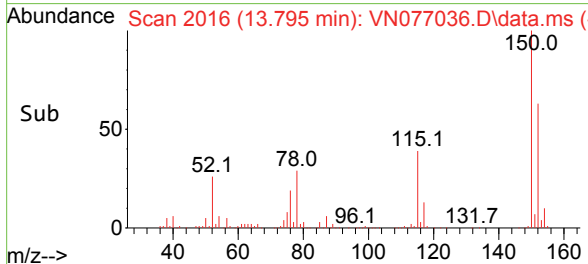
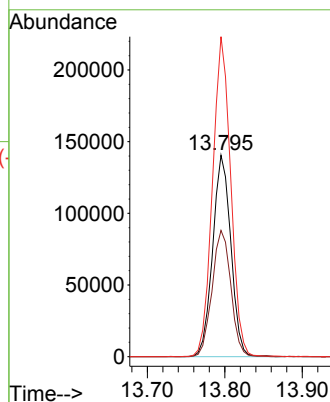
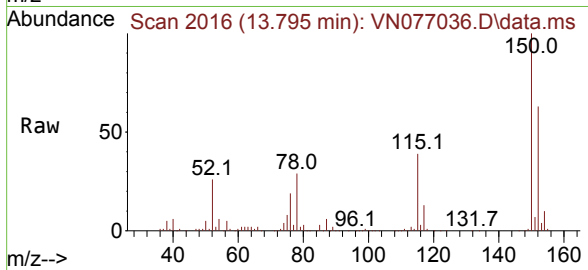




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN077036.D
 Acq: 17 Mar 2023 16:09

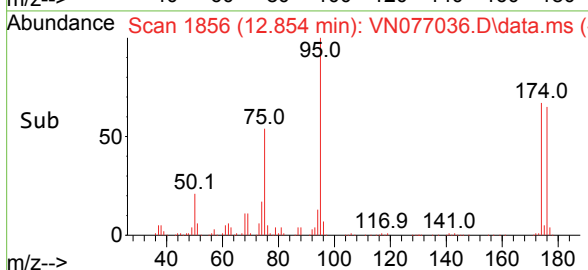
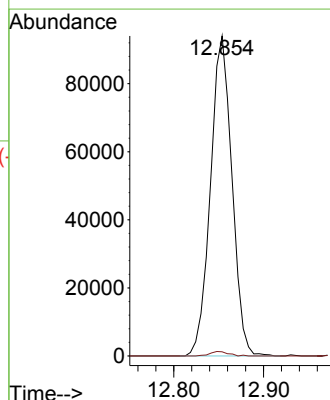
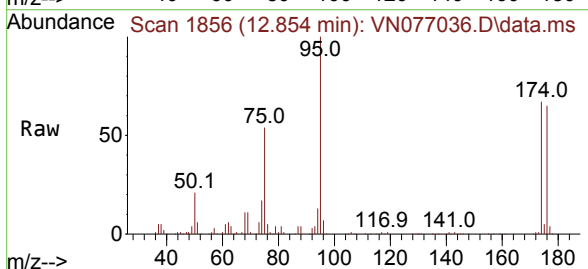
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBL01

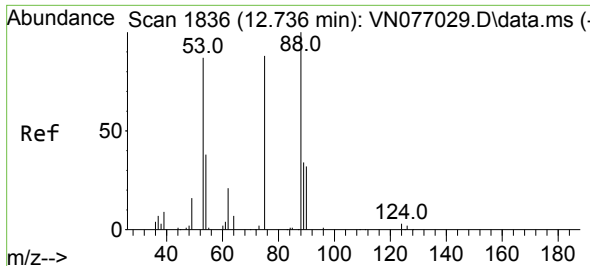
Tgt Ion:152 Resp: 229088
 Ion Ratio Lower Upper
 152 100
 115 64.5 31.9 95.7
 150 158.7 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 26.386 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN077036.D
 Acq: 17 Mar 2023 16:09

Tgt Ion: 75 Resp: 156352
 Ion Ratio Lower Upper
 75 100
 77 1.2 107.3 322.0#

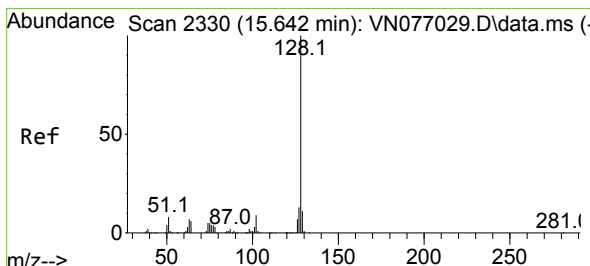
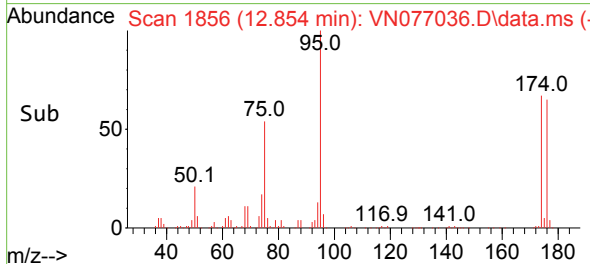
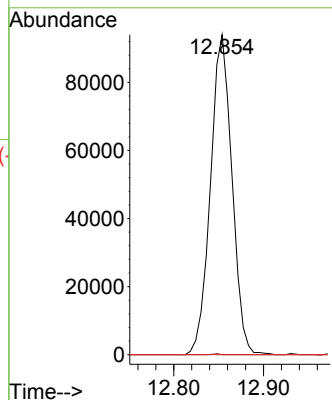
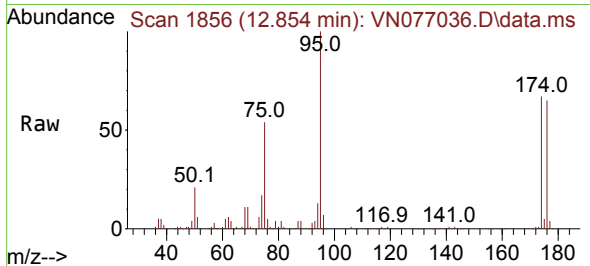




#81
trans-1,4-Dichloro-2-butene
Concen: 72.628 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBL01

Tgt Ion: 75 Resp: 156352
Ion Ratio Lower Upper
75 100
53 0.1 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 2.076 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

Tgt Ion: 128 Resp: 2599
Ion Ratio Lower Upper
128 100
127 8.1 10.0 15.0#
129 2.5 8.6 13.0#

