

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077084.D
 Acq On : 21 Mar 2023 11:53
 Operator : JC\MD
 Sample : VN0321WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBL01

Quant Time: Mar 21 23:13:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

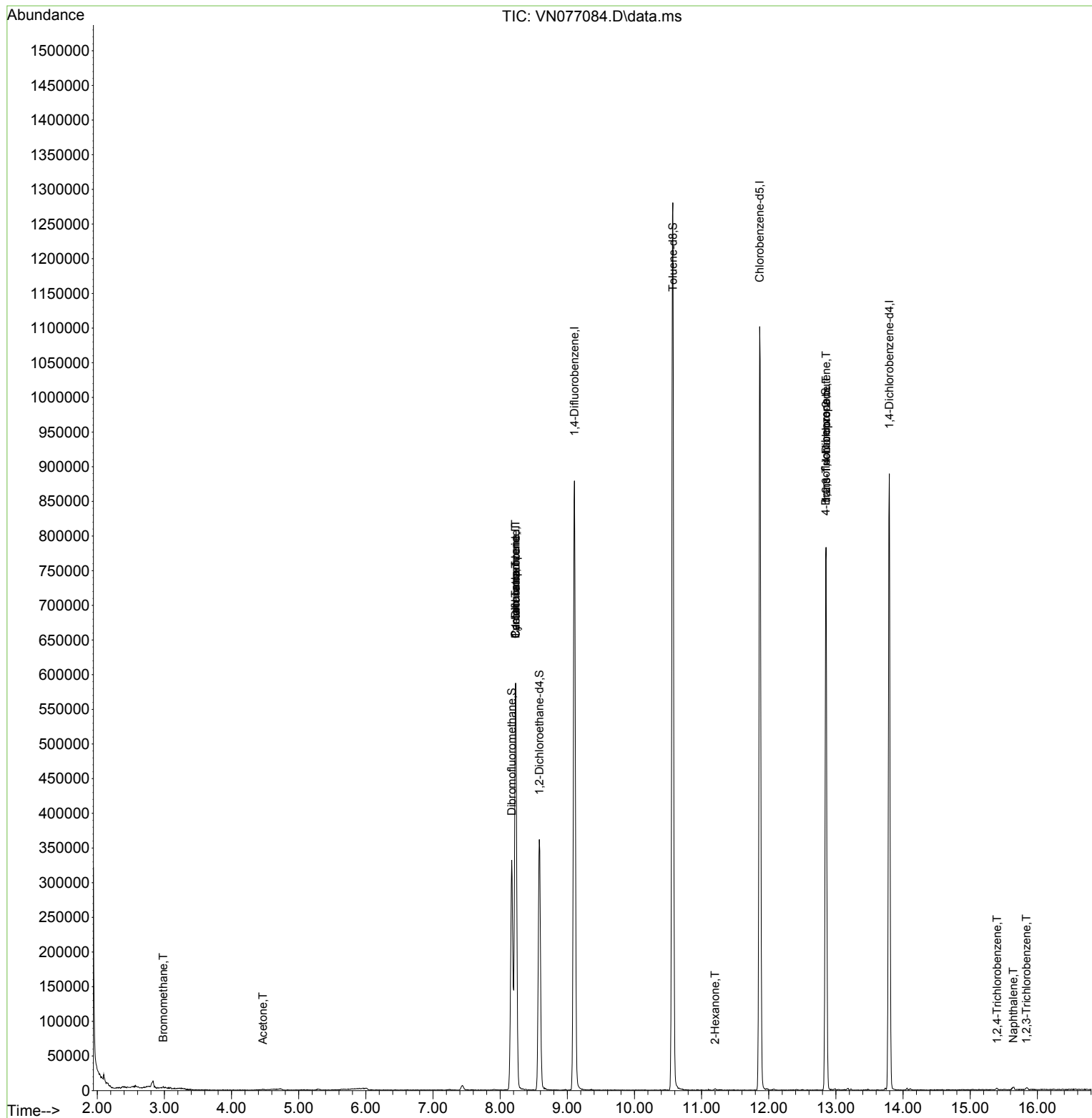
Internal Standards						
1) Pentafluorobenzene	8.231	168	412905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	747375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	638359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	230585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	303620	46.035	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.060%		
35) Dibromofluoromethane	8.172	113	236545	45.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.380%		
50) Toluene-d8	10.572	98	885373	47.355	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.720%		
62) 4-Bromofluorobenzene	12.848	95	280706	42.488	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.980%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.984	94	1344	0.443	ug/l	99
16) Acetone	4.466	43	1259	0.428	ug/l #	43
31) Cyclohexane	8.231	56	10767	0.998	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	38276	4.682	ug/l #	52
38) Carbon Tetrachloride	8.231	117	45579	5.724	ug/l #	16
59) 2-Hexanone	11.201	43	1636	0.265	ug/l	81
76) 1,2,3-Trichloropropane	12.854	75	147406	24.714	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	147406	68.028	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.401	180	1298	0.329	ug/l	84
95) Naphthalene	15.642	128	4546	2.197	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.836	180	1377	0.348	ug/l	94

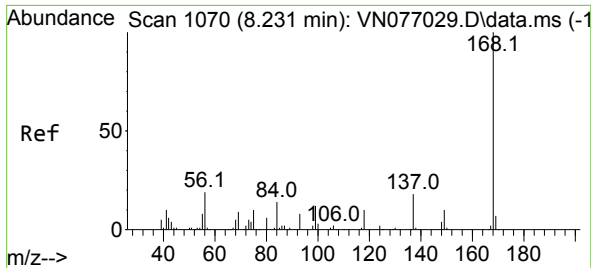
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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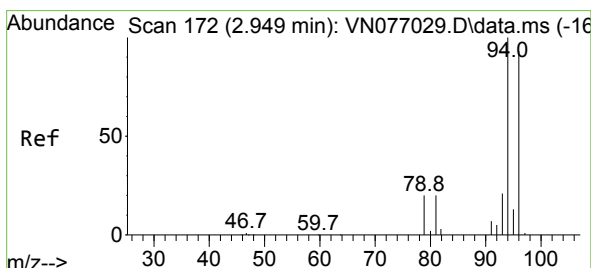
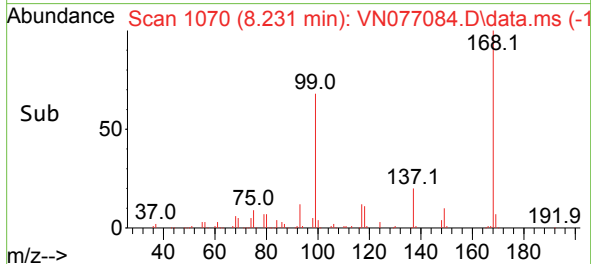
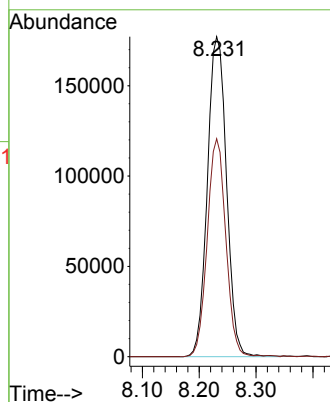
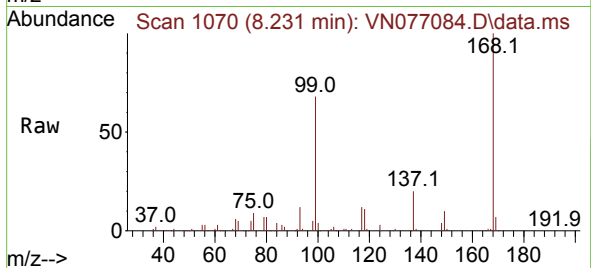




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

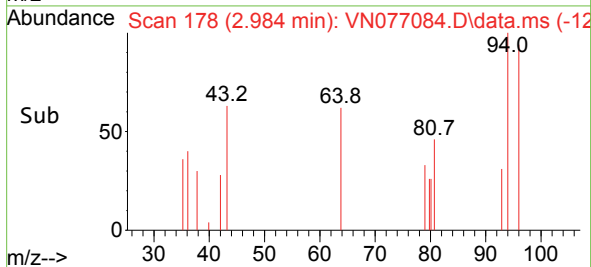
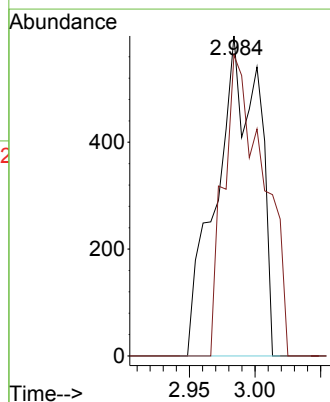
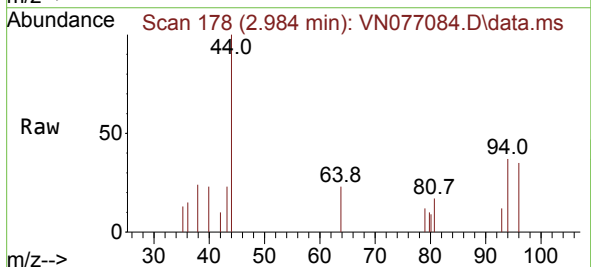
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

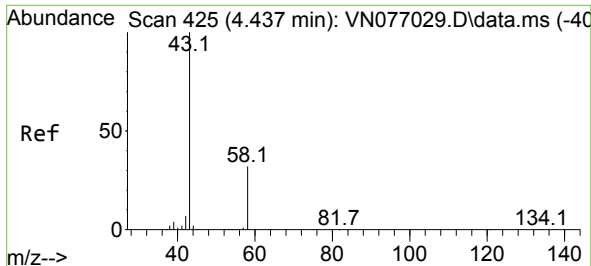
Tgt Ion:168 Resp: 412905
Ion Ratio Lower Upper
168 100
99 68.1 53.9 80.9



#5
Bromomethane
Concen: 0.443 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.035 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 94 Resp: 1344
Ion Ratio Lower Upper
94 100
96 94.0 74.1 111.1

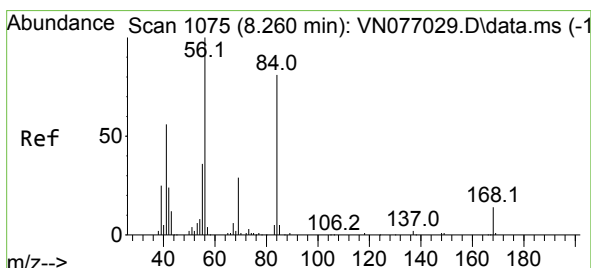
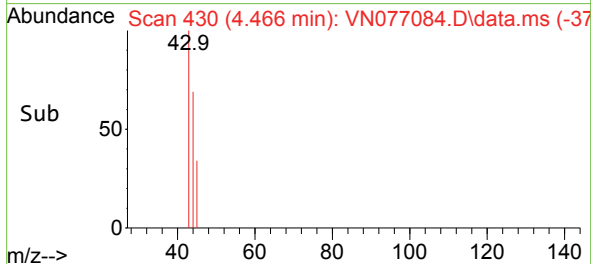
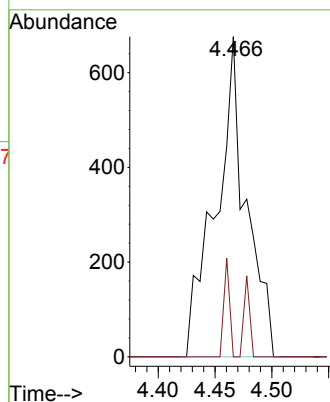
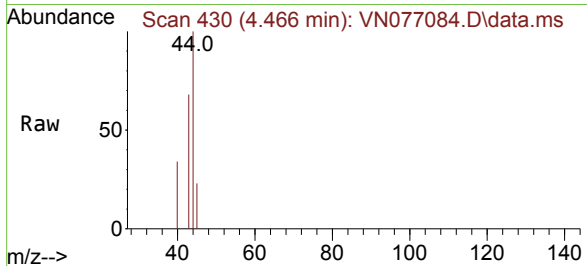




#16
Acetone
Concen: 0.428 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

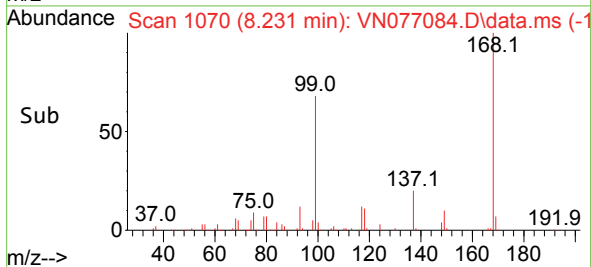
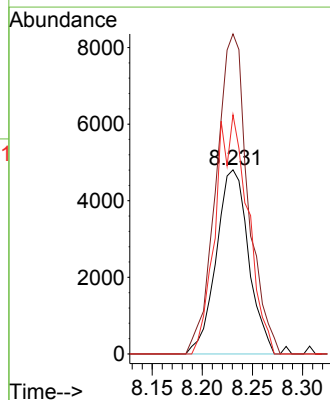
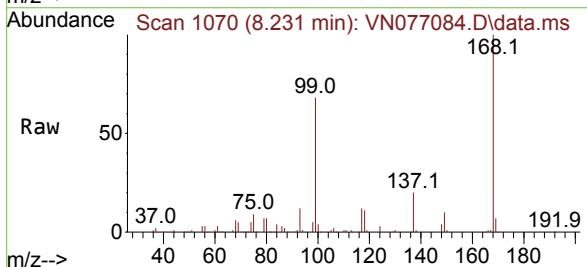
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

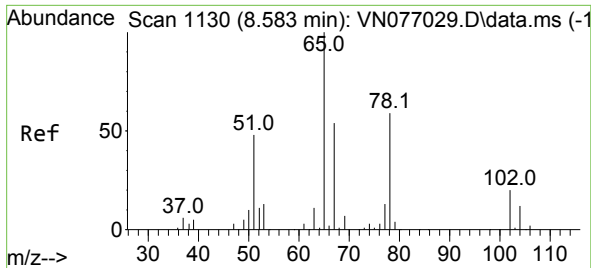
Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



#31
Cyclohexane
Concen: 0.998 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 56 Resp: 10767
Ion Ratio Lower Upper
56 100
69 173.8 22.8 34.2#
84 130.0 64.7 97.1#

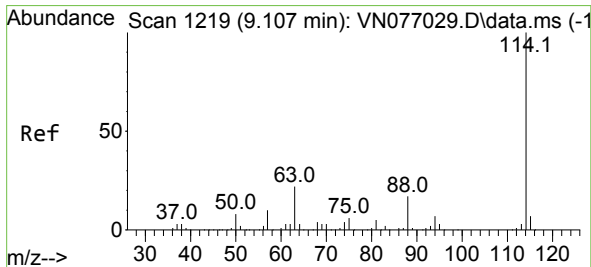
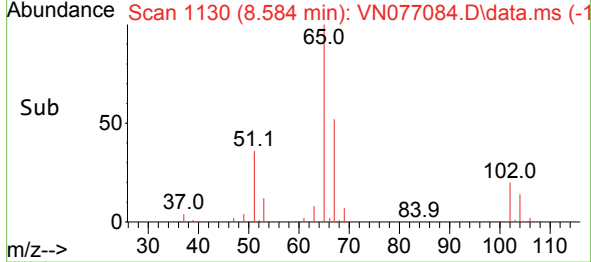
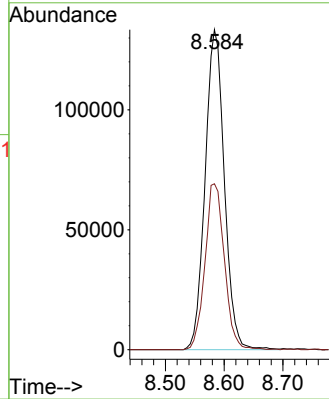
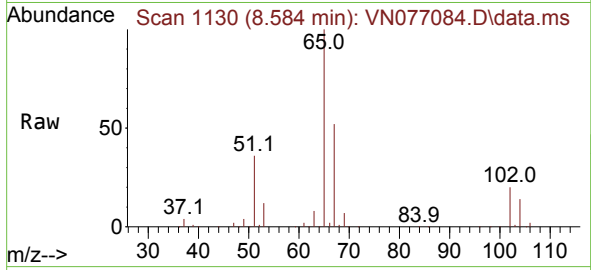




#33
1,2-Dichloroethane-d4
Concen: 46.035 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

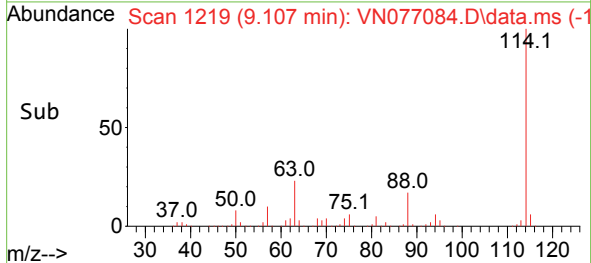
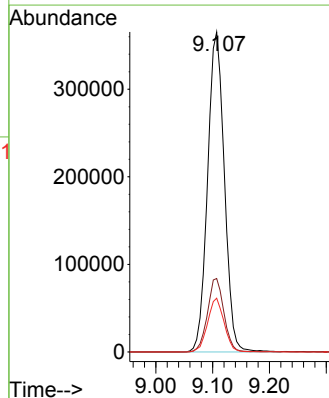
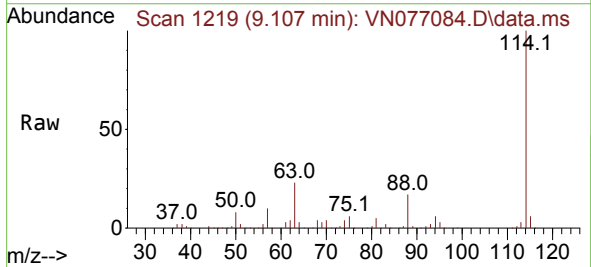
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

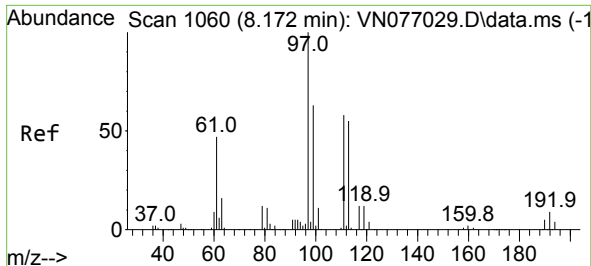
Tgt Ion: 65 Resp: 303620
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 114 Resp: 747375
Ion Ratio Lower Upper
114 100
63 23.0 0.0 44.6
88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 45.194 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077084.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBL01

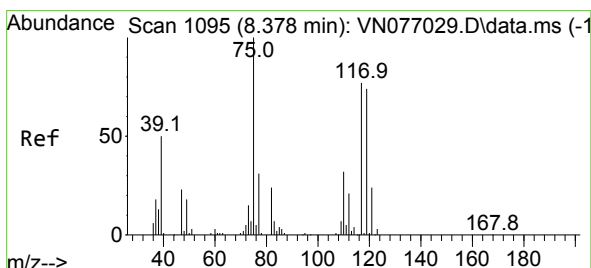
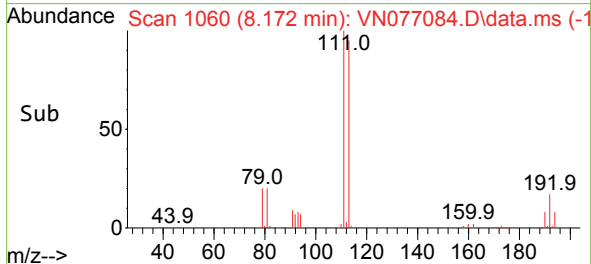
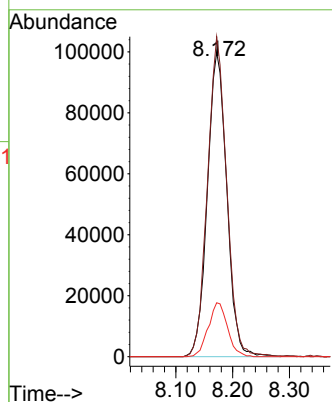
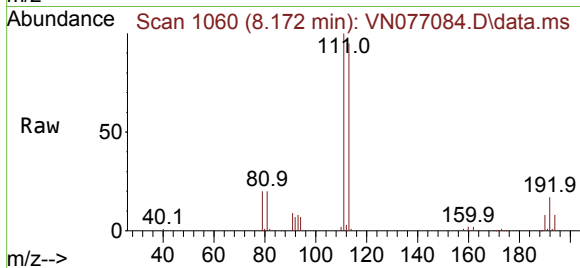
Tgt Ion:113 Resp: 236545

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 17.6 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.682 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN077084.D

Acq: 21 Mar 2023 11:53

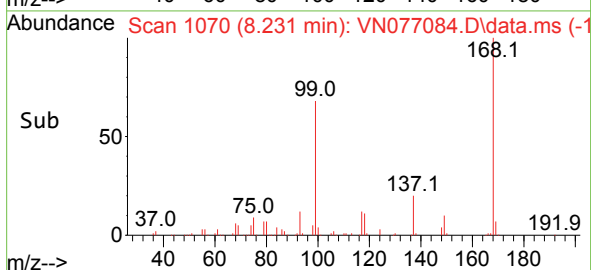
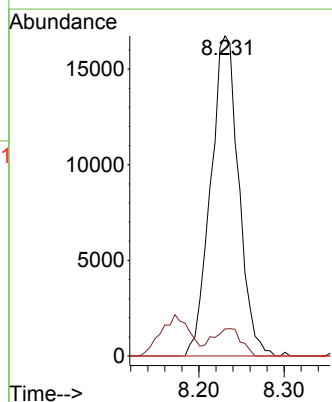
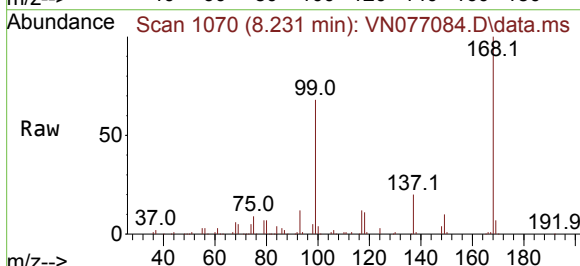
Tgt Ion: 75 Resp: 38276

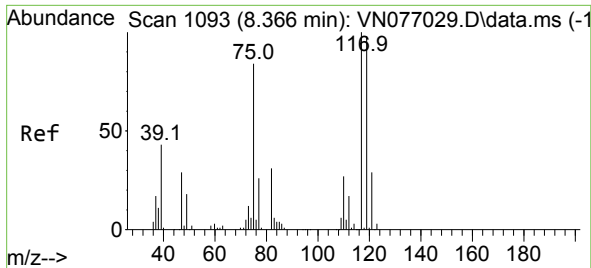
Ion Ratio Lower Upper

75 100

110 8.9 15.9 47.7#

77 0.0 24.3 36.5#

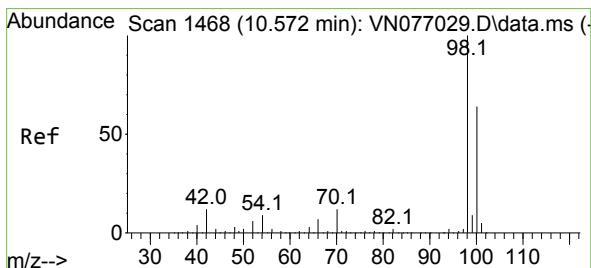
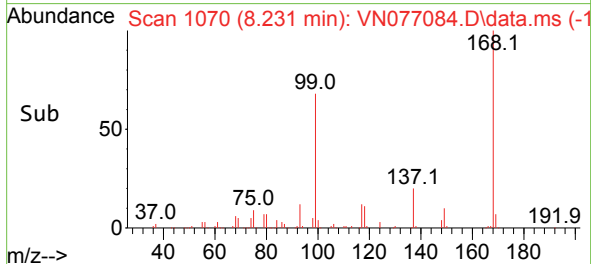
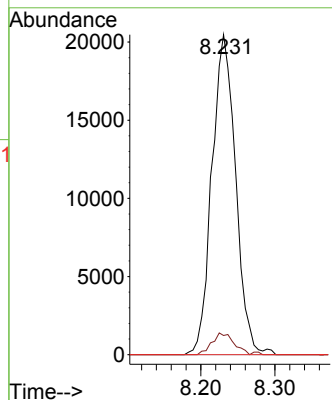
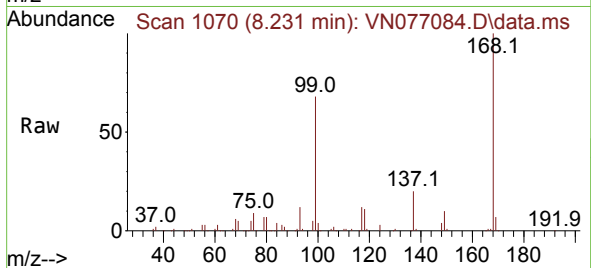




#38
Carbon Tetrachloride
Concen: 5.724 ug/l
RT: 8.231 min Scan# 1093
Delta R.T. -0.135 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

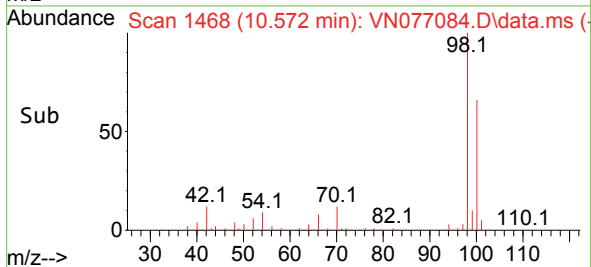
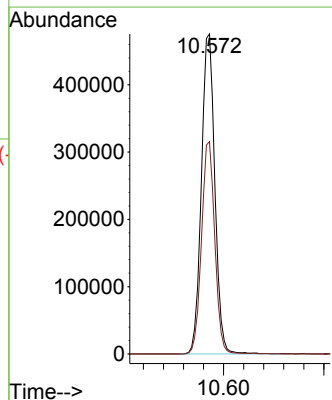
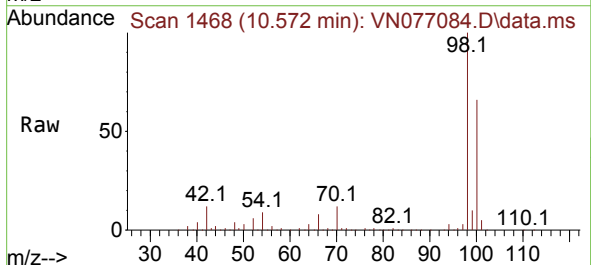
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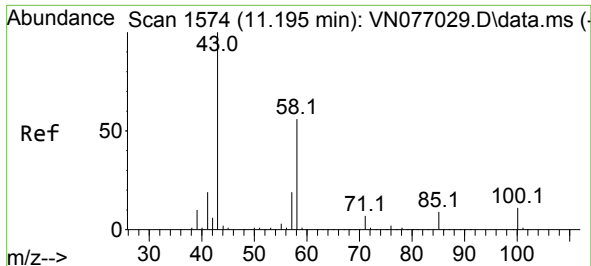
Tgt Ion:117 Resp: 45579
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 23.2 34.8#



#50
Toluene-d8
Concen: 47.355 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 98 Resp: 885373
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4

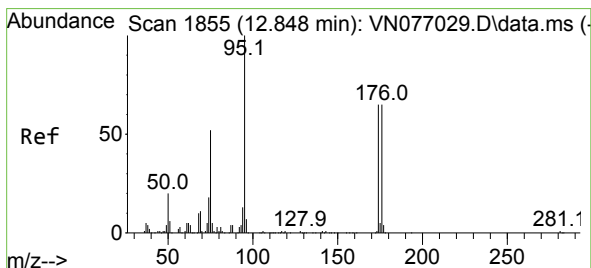
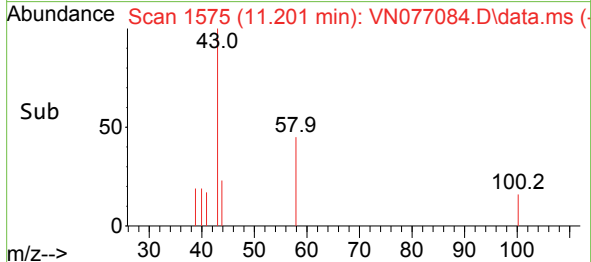
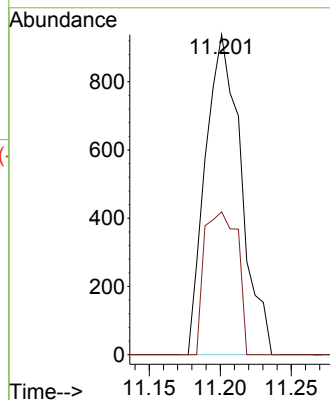
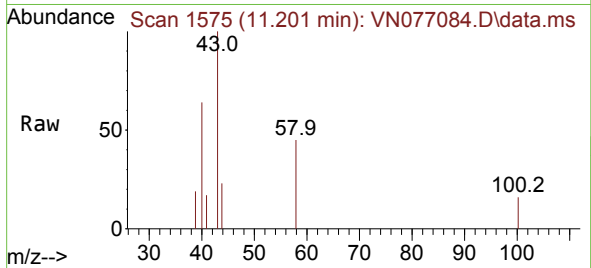




#59
2-Hexanone
Concen: 0.265 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

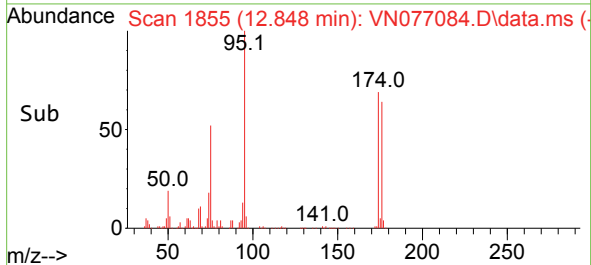
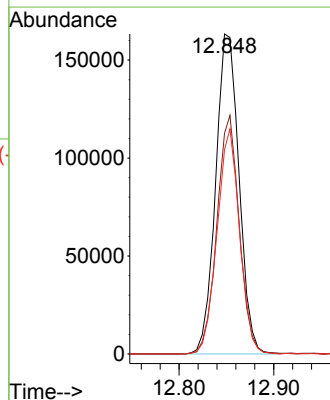
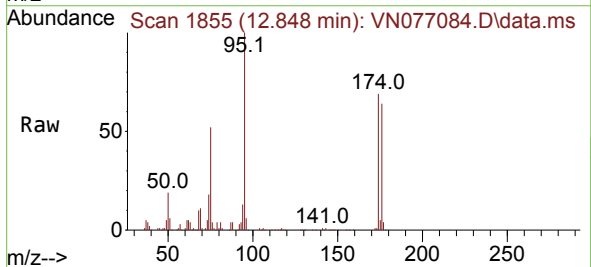
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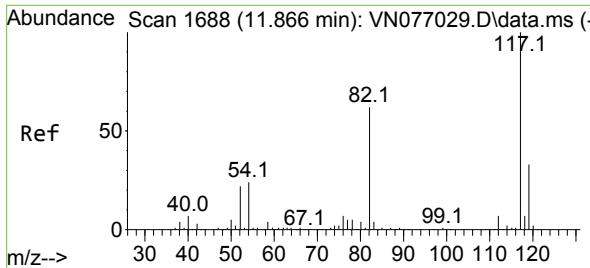
Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
58 41.6 27.7 83.1



#62
4-Bromofluorobenzene
Concen: 42.488 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 95 Resp: 280706
Ion Ratio Lower Upper
95 100
174 71.2 0.0 136.6
176 67.6 0.0 130.0

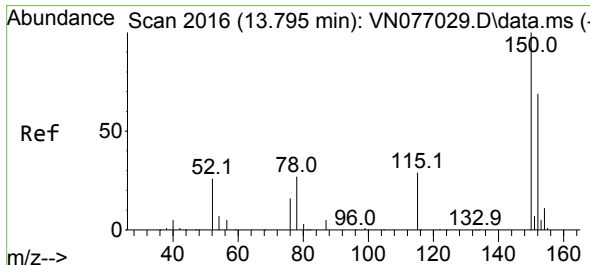
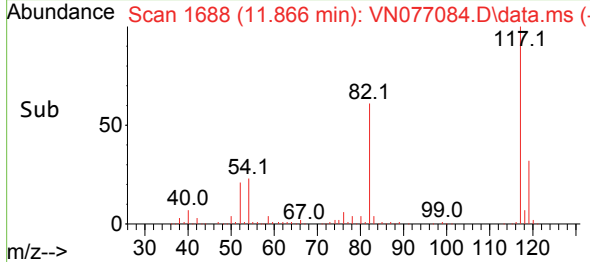
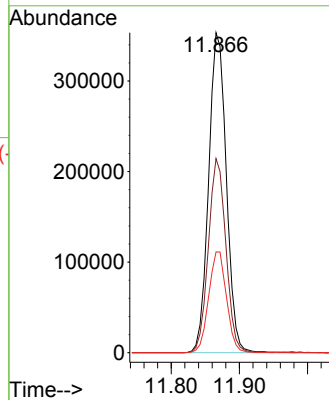
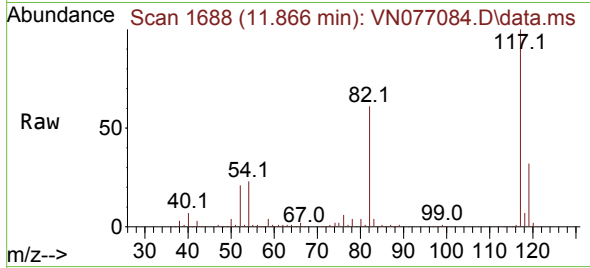




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

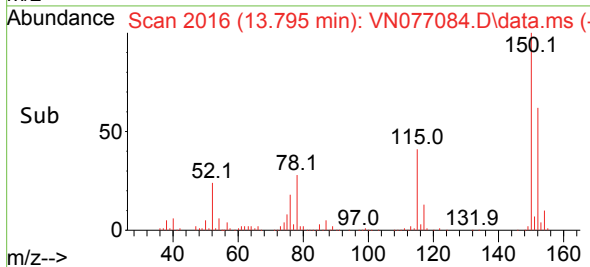
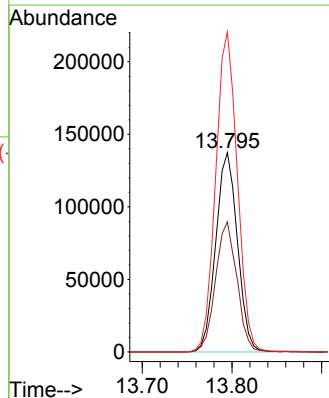
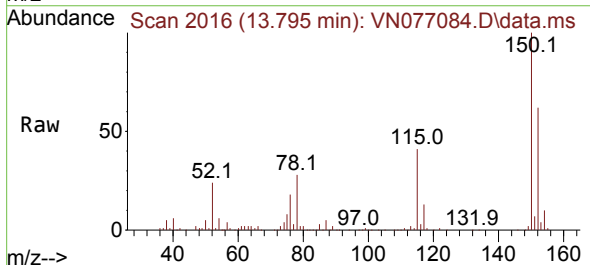
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

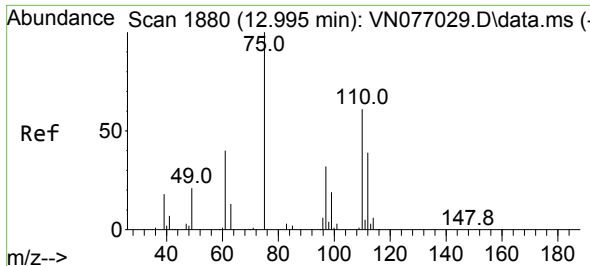
Tgt Ion:117 Resp: 638359
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.0
119 31.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion:152 Resp: 230585
Ion Ratio Lower Upper
152 100
115 64.5 31.9 95.7
150 160.4 0.0 348.0

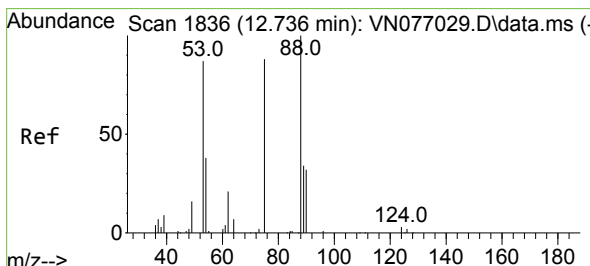
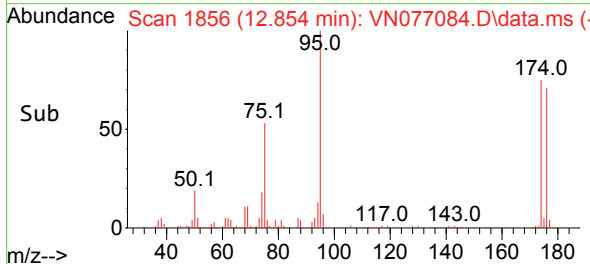
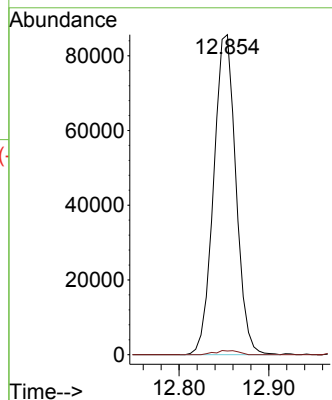
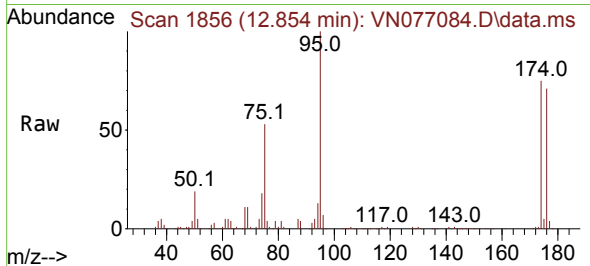




#76
1,2,3-Trichloropropane
Concen: 24.714 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

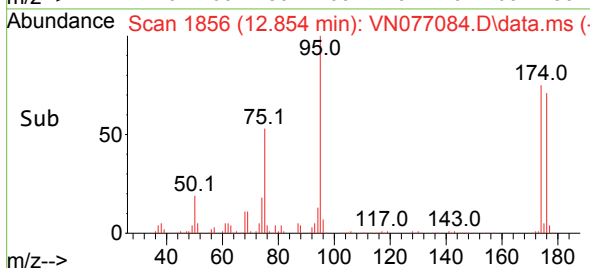
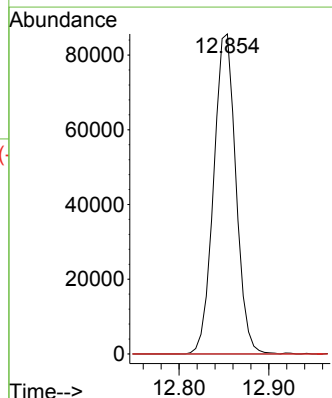
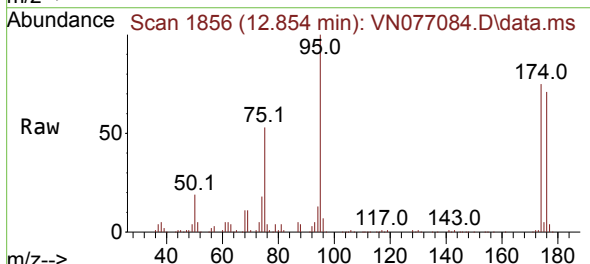
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

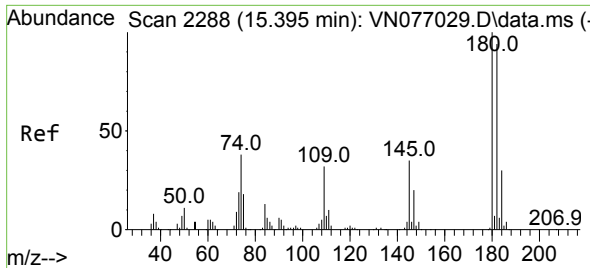
Tgt Ion: 75 Resp: 147406
Ion Ratio Lower Upper
75 100
77 1.4 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.028 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 75 Resp: 147406
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.0 34.2 51.4#

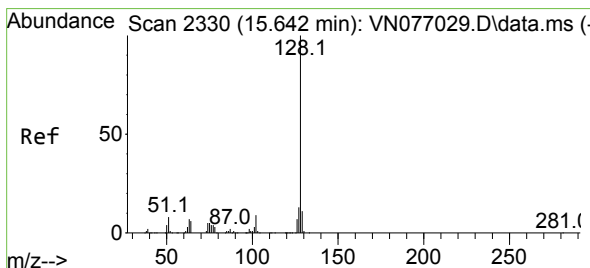
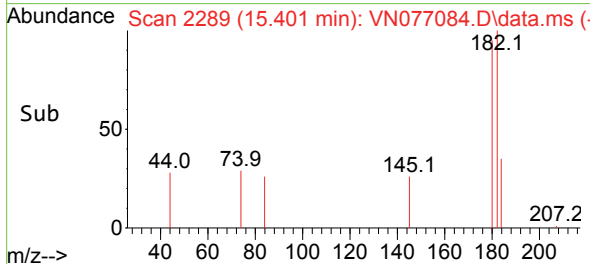
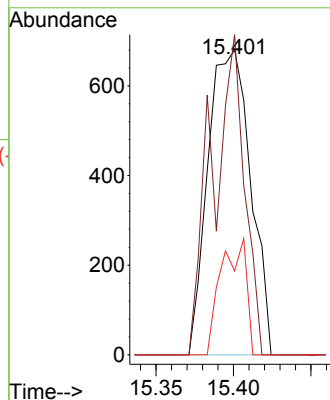
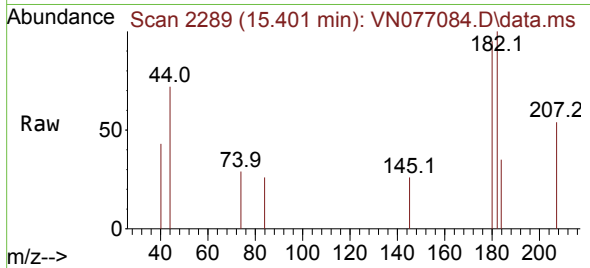




#93
1,2,4-Trichlorobenzene
Concen: 0.329 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

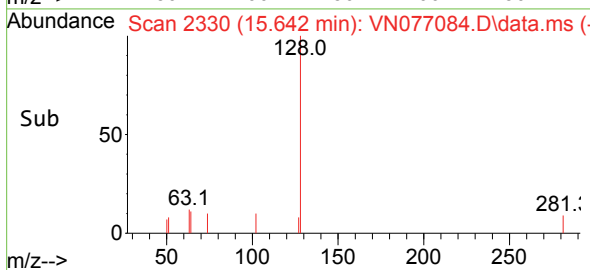
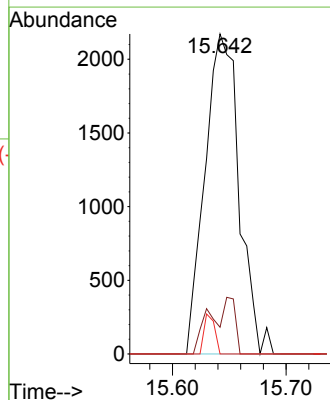
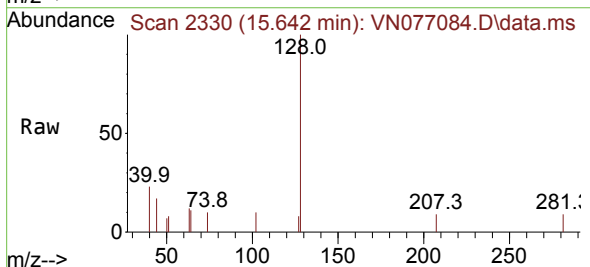
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

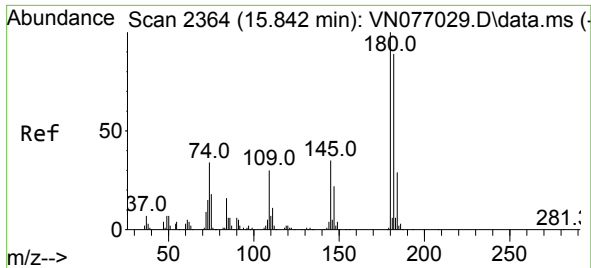
Tgt Ion:180 Resp: 1298
Ion Ratio Lower Upper
180 100
182 80.0 47.3 141.9
145 22.6 16.9 50.7



#95
Naphthalene
Concen: 2.197 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion:128 Resp: 4546
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 3.8 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.348 ug/l
 RT: 15.836 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN077084.D
 Acq: 21 Mar 2023 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBL01

Tgt Ion:180	Resp:	1377
Ion Ratio	Lower	Upper
180	100	
182	97.2	47.4 142.2
145	26.1	17.9 53.8

