

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077109.D
 Acq On : 22 Mar 2023 15:47
 Operator : JC\MD
 Sample : 01849-07 10X
 Misc : 10.92 g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 22 23:25:06 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)

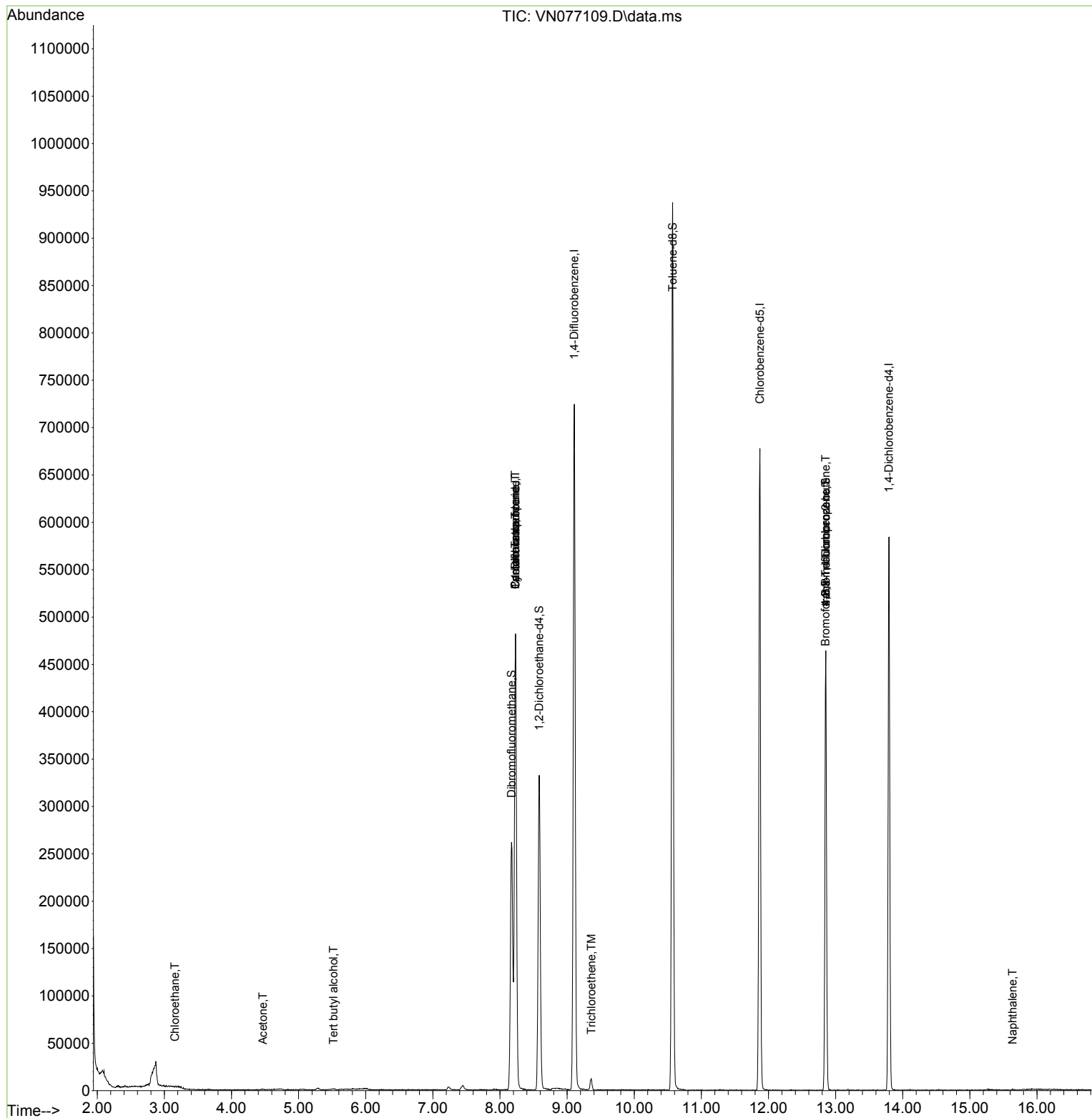
Internal Standards						
1) Pentafluorobenzene	8.231	168	315058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	578159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	359531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	139572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	274212	54.488	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.980%	
35) Dibromofluoromethane	8.172	113	192167	47.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.920%	
50) Toluene-d8	10.572	98	609910	42.170	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 84.340%#	
62) 4-Bromofluorobenzene	12.854	95	152204	29.781	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 59.560%#	
Target Compounds						
					Qvalue	
6) Chloroethane	3.160	64	503	0.232	ug/l #	42
11) Tert butyl alcohol	5.519	59	798	1.088	ug/l #	72
16) Acetone	4.466	43	908	0.405	ug/l #	43
31) Cyclohexane	8.231	56	9608	1.167	ug/l #	5
36) 1,1-Dichloropropene	8.231	75	33188	5.248	ug/l #	46
38) Carbon Tetrachloride	8.231	117	37308	6.057	ug/l #	15
44) Trichloroethene	9.360	130	3944	0.895	ug/l	76
71) Bromoform	12.848	173	1188	0.573	ug/l #	28
76) 1,2,3-Trichloropropane	12.854	75	87158	24.142	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	87158	66.452	ug/l #	10
95) Naphthalene	15.636	128	434	1.957	ug/l #	70

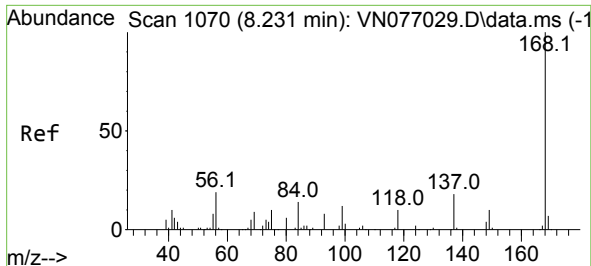
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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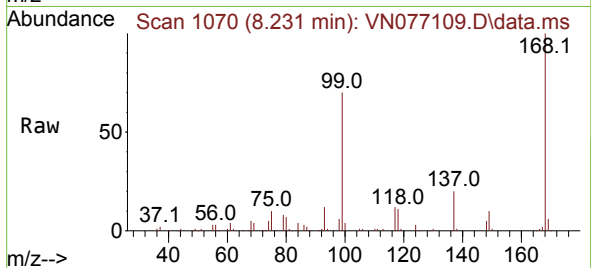
Quant Time: Mar 22 23:25:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
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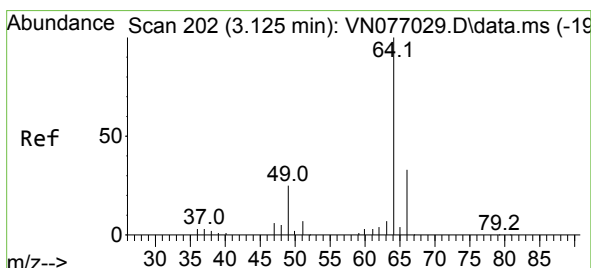
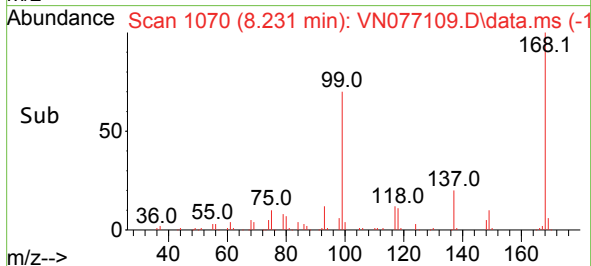
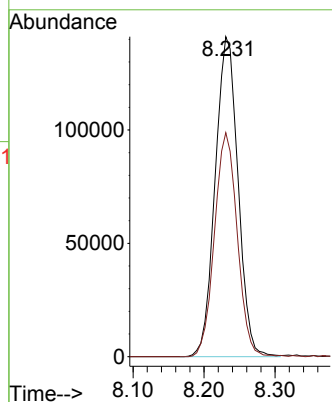


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

Instrument :
MSVOA_N
ClientSampleId :

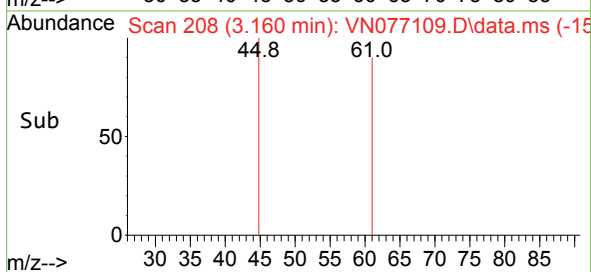
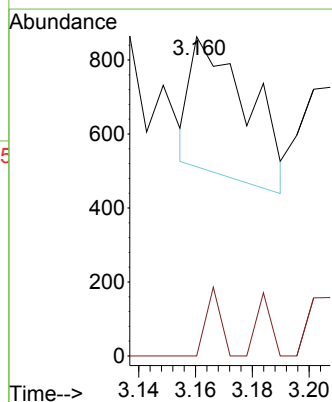
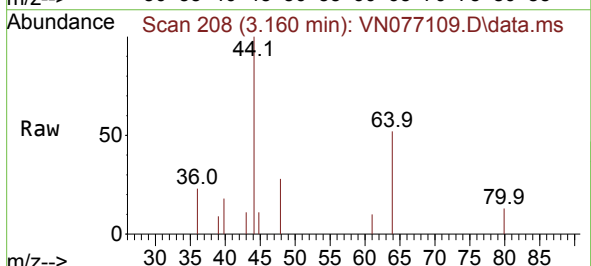


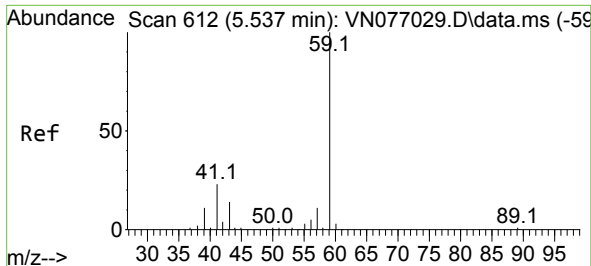
Tgt Ion:168 Resp: 315058
Ion Ratio Lower Upper
168 100
99 70.0 53.9 80.9



#6
Chloroethane
Concen: 0.232 ug/l
RT: 3.160 min Scan# 208
Delta R.T. 0.035 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

Tgt Ion: 64 Resp: 503
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#

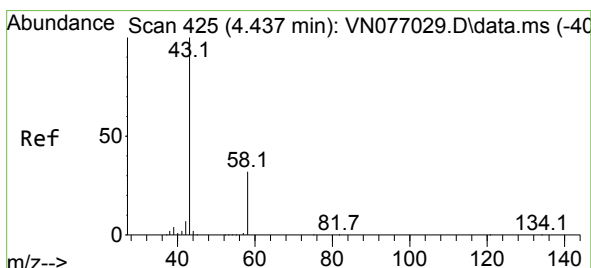
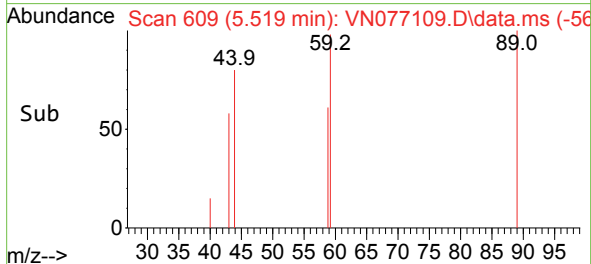
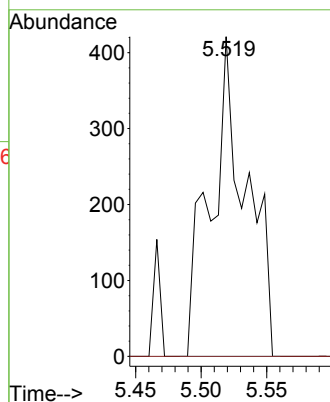
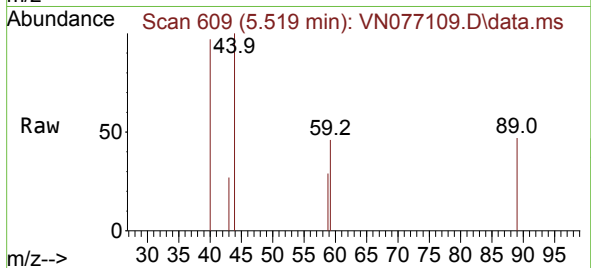




#11
Tert butyl alcohol
Concen: 1.088 ug/l
RT: 5.519 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

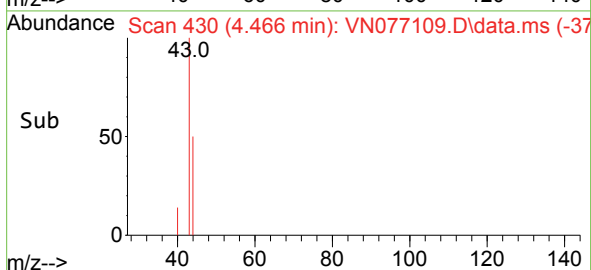
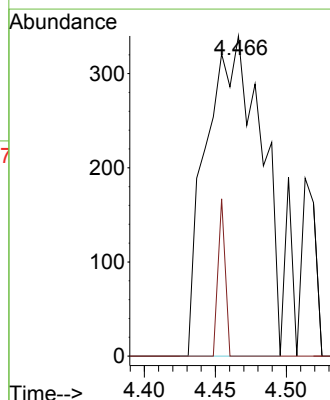
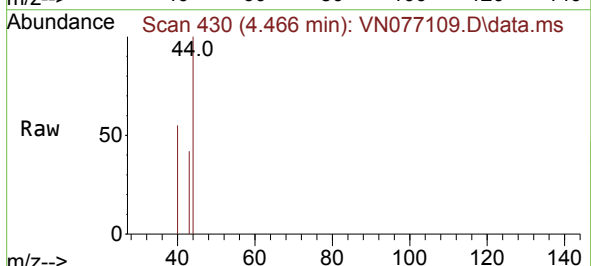
Instrument :
MSVOA_N
ClientSampleId :

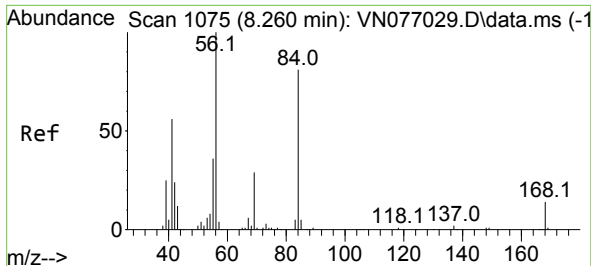
Tgt Ion: 59 Resp: 798
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 0.405 ug/l
RT: 4.466 min Scan# 430
Delta R.T. 0.029 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

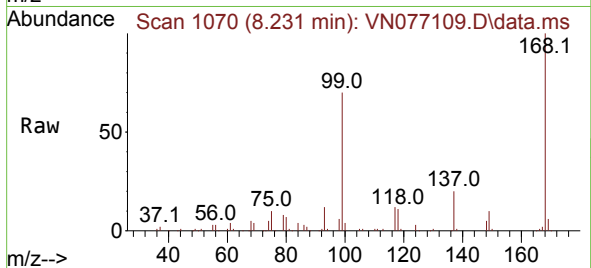
Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



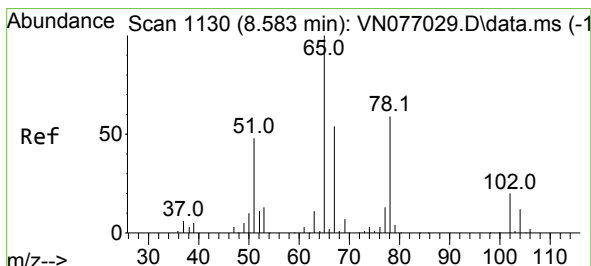
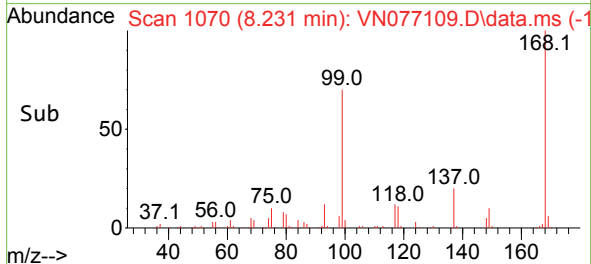
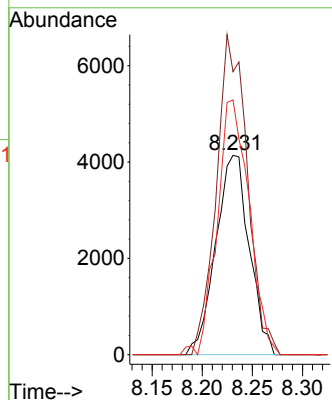


#31
Cyclohexane
Concen: 1.167 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.029 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

Instrument :
MSVOA_N
ClientSampleId :

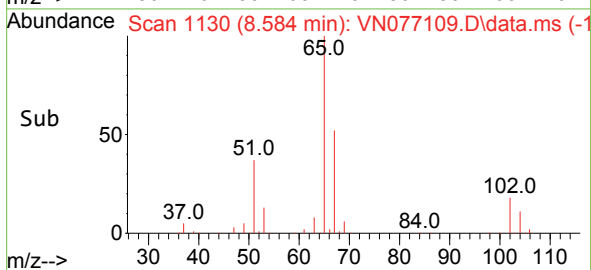
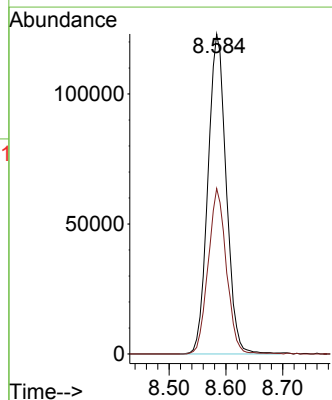
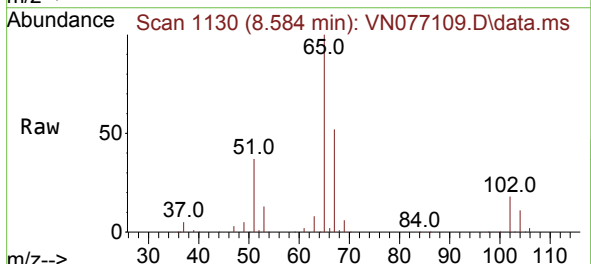


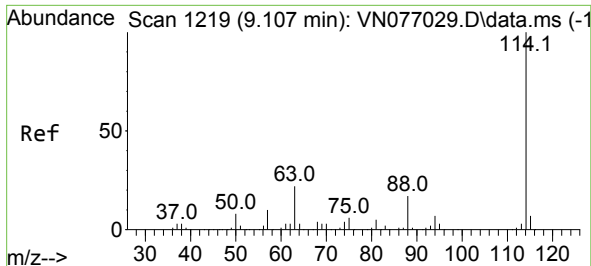
Tgt Ion: 56 Resp: 9608
Ion Ratio Lower Upper
56 100
69 141.9 22.8 34.2#
84 127.7 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 54.488 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

Tgt Ion: 65 Resp: 274212
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077109.D

Acq: 22 Mar 2023 15:47

Instrument :

MSVOA_N

ClientSampleId :

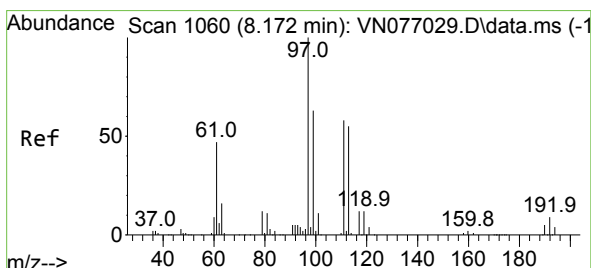
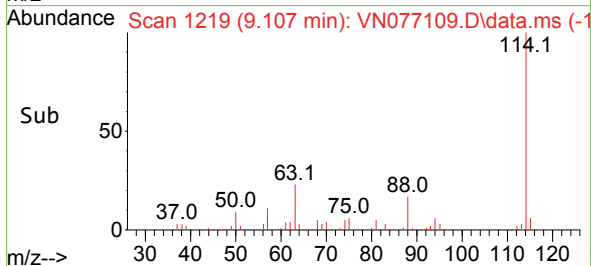
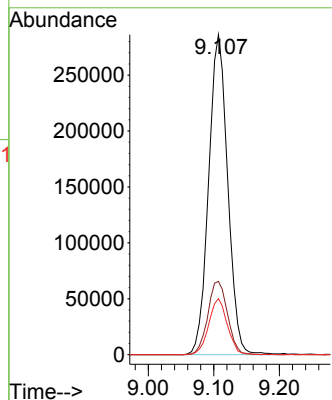
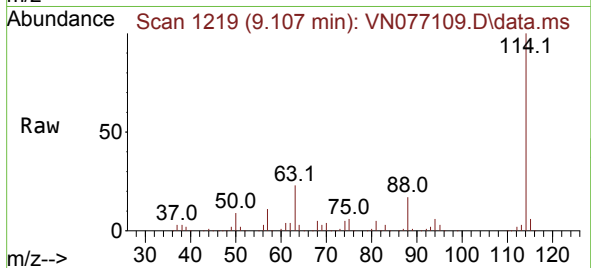
Tgt Ion:114 Resp: 578159

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 17.5 0.0 33.8



#35

Dibromofluoromethane

Concen: 47.461 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077109.D

Acq: 22 Mar 2023 15:47

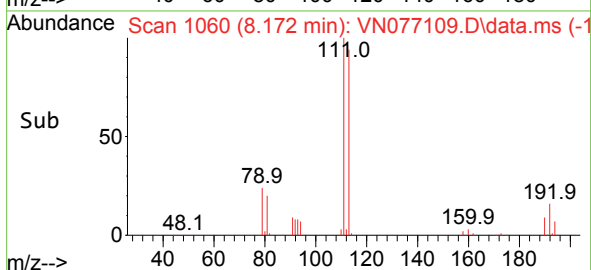
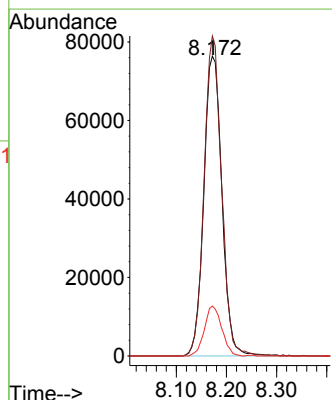
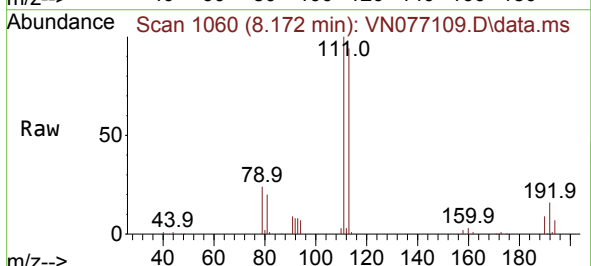
Tgt Ion:113 Resp: 192167

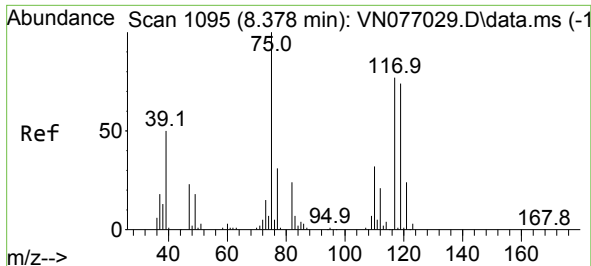
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 15.9 13.0 19.6

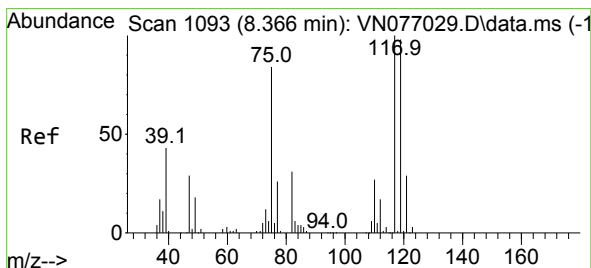
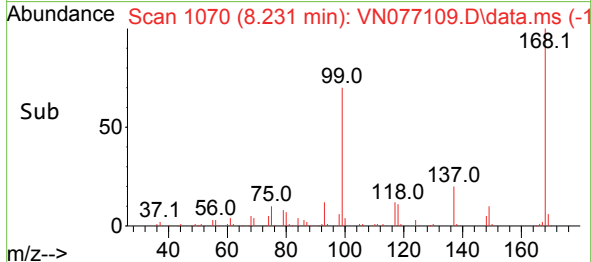
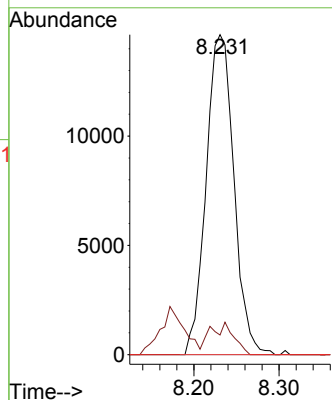
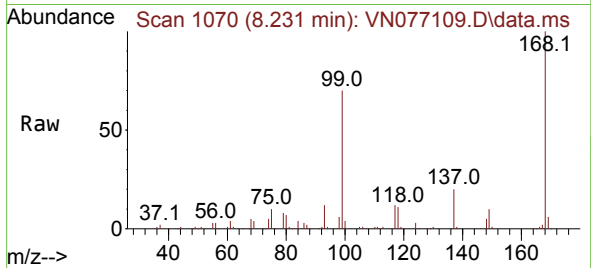




#36
1,1-Dichloropropene
Concen: 5.248 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

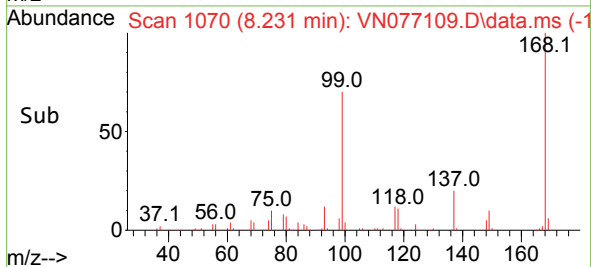
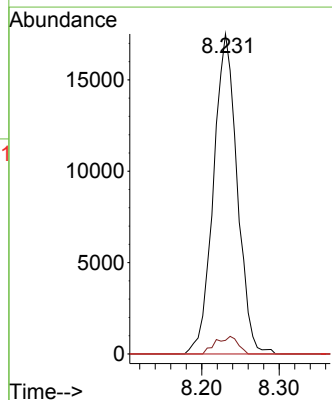
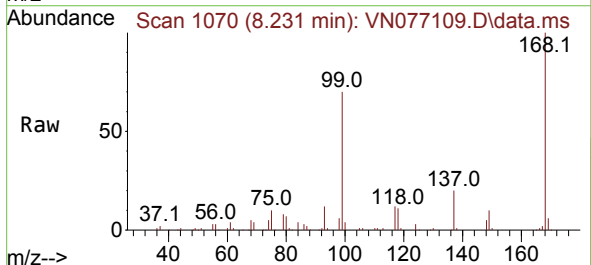
Instrument :
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ClientSampleId :

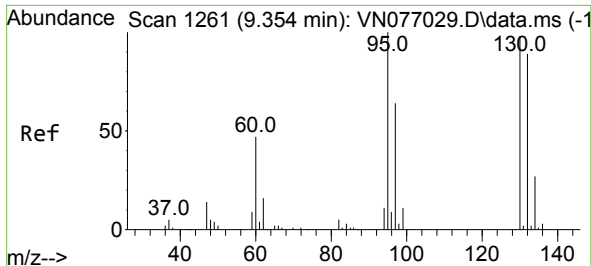
Tgt Ion: 75 Resp: 33188
Ion Ratio Lower Upper
75 100
110 3.2 15.9 47.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.057 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

Tgt Ion: 117 Resp: 37308
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 23.2 34.8#

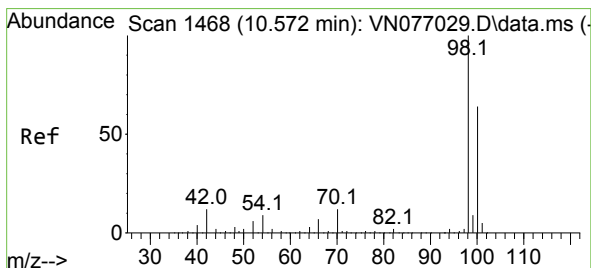
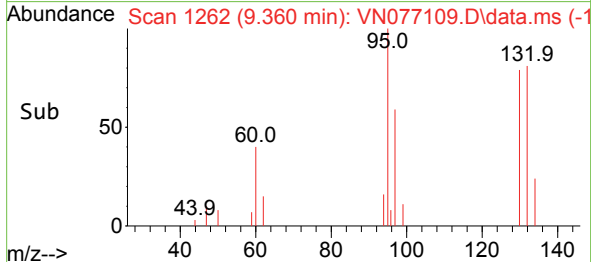
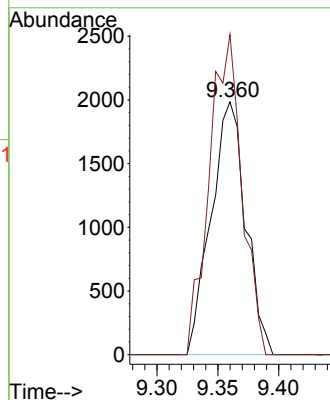
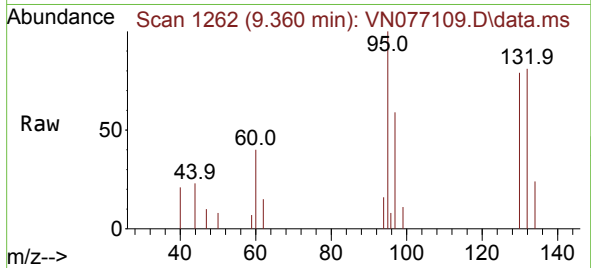




#44
Trichloroethene
Concen: 0.895 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

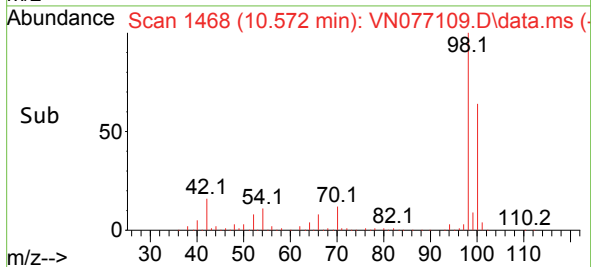
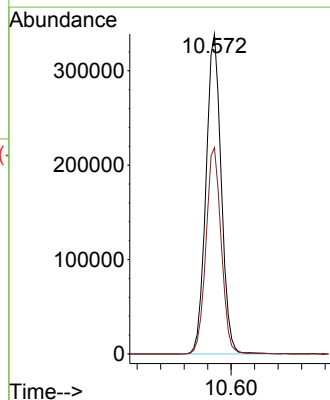
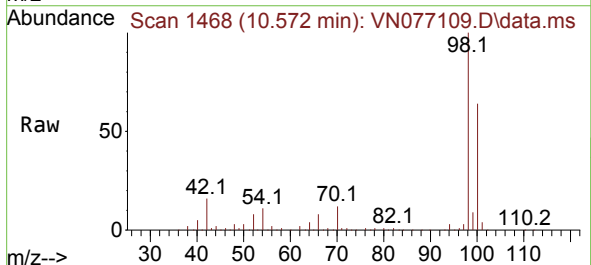
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ClientSampleId :

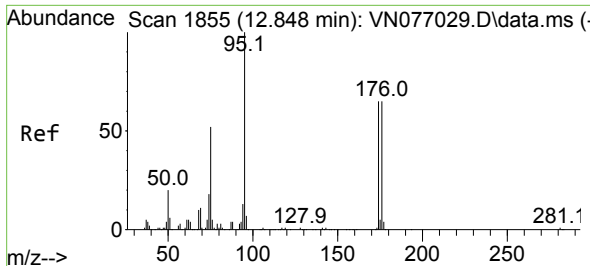
Tgt Ion:130 Resp: 3944
Ion Ratio Lower Upper
130 100
95 126.6 0.0 204.4



#50
Toluene-d8
Concen: 42.170 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

Tgt Ion: 98 Resp: 609910
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4

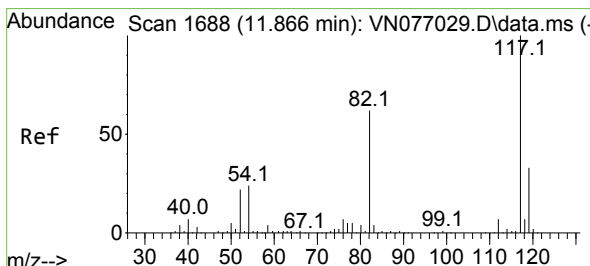
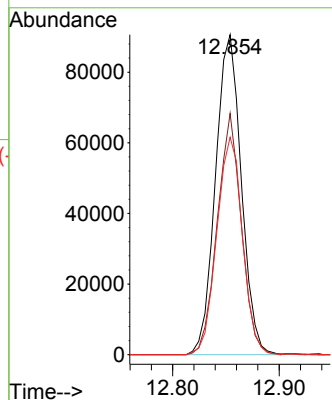
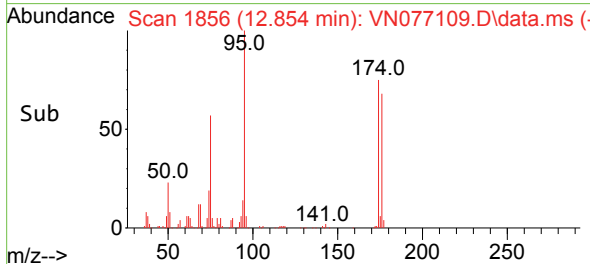
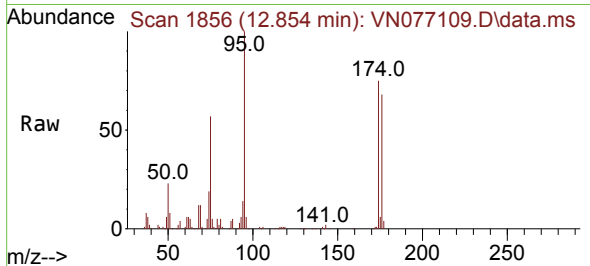




#62
4-Bromofluorobenzene
Concen: 29.781 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

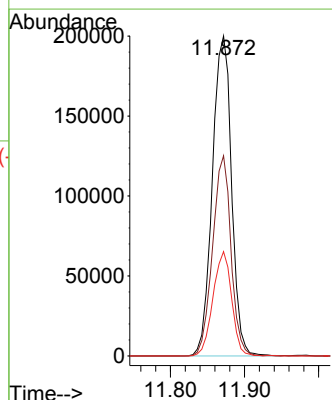
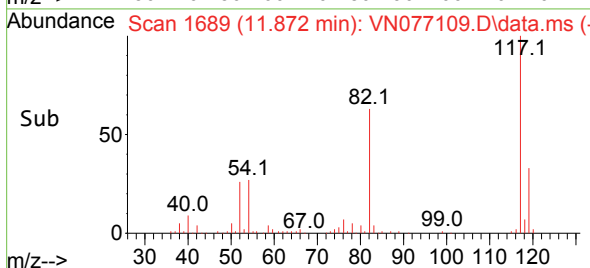
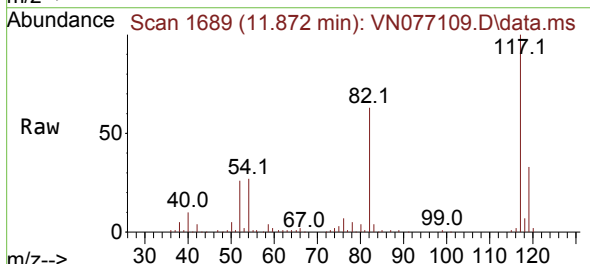
Instrument :
MSVOA_N
ClientSampleId :

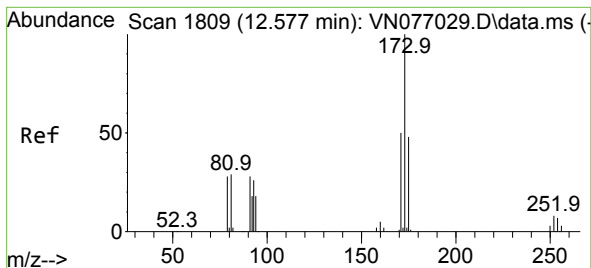
Tgt Ion: 95 Resp: 152204
Ion Ratio Lower Upper
95 100
174 70.4 0.0 136.6
176 67.5 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

Tgt Ion: 117 Resp: 359531
Ion Ratio Lower Upper
117 100
82 62.6 49.4 74.0
119 32.6 26.5 39.7





#71

Bromoform

Concen: 0.573 ug/l

RT: 12.848 min Scan# 1809

Delta R.T. 0.271 min

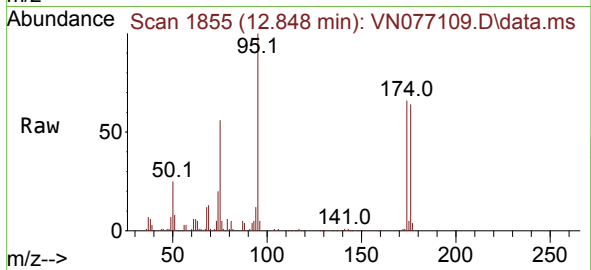
Lab File: VN077109.D

Acq: 22 Mar 2023 15:47

Instrument :

MSVOA_N

ClientSampleId :



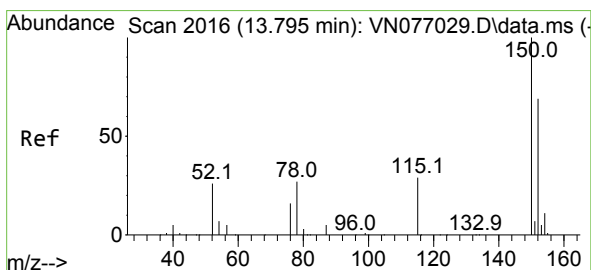
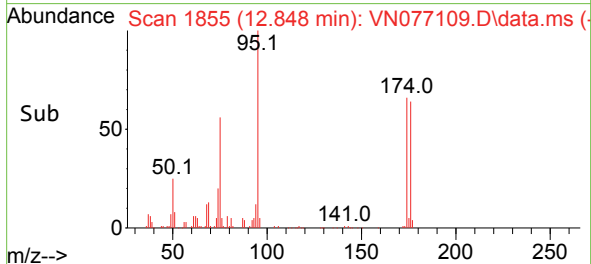
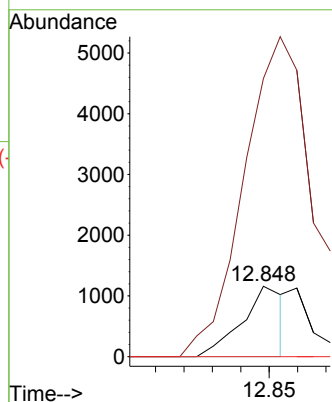
Tgt Ion:173 Resp: 1188

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# 2016

Delta R.T. -0.000 min

Lab File: VN077109.D

Acq: 22 Mar 2023 15:47

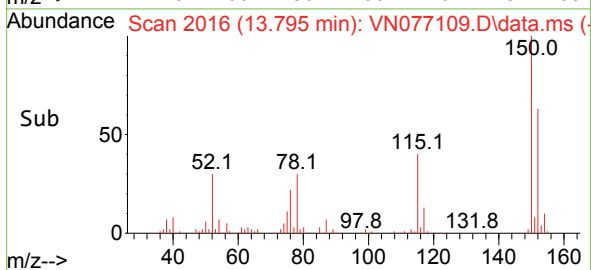
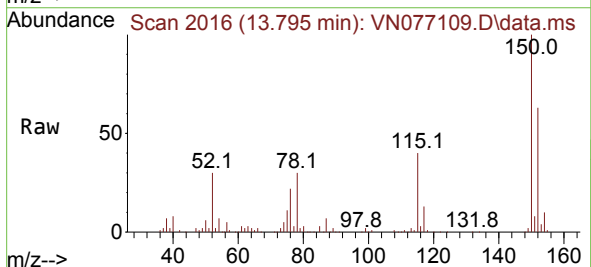
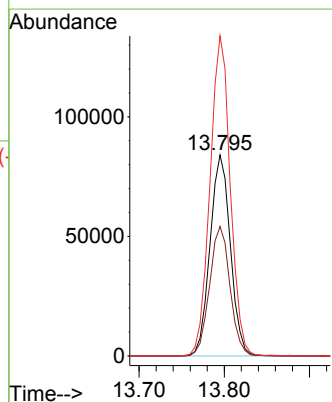
Tgt Ion:152 Resp: 139572

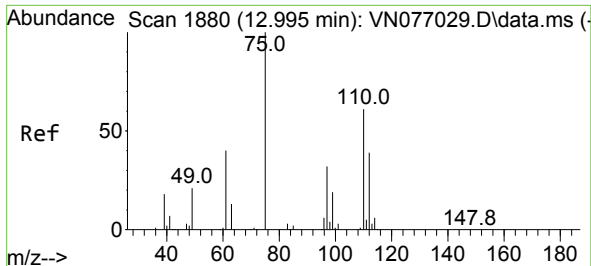
Ion Ratio Lower Upper

152 100

115 64.7 31.9 95.7

150 158.5 0.0 348.0

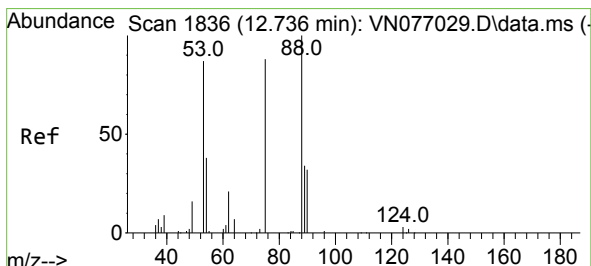
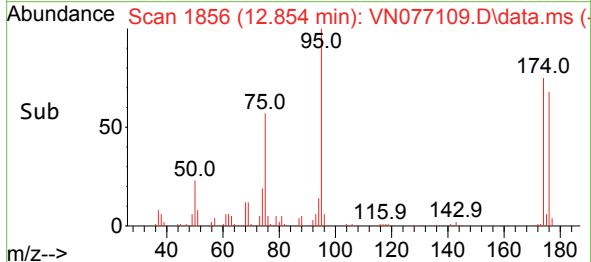
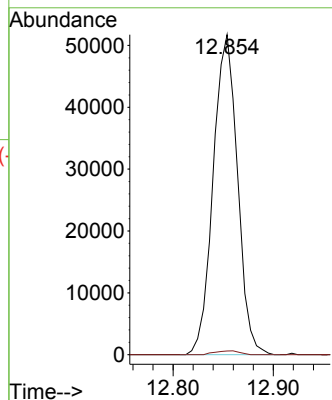
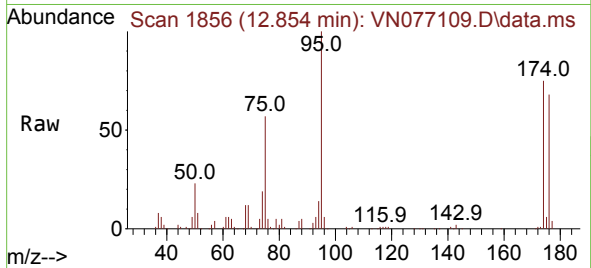




#76
1,2,3-Trichloropropane
Concen: 24.142 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

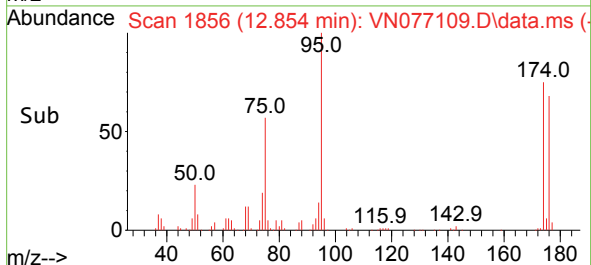
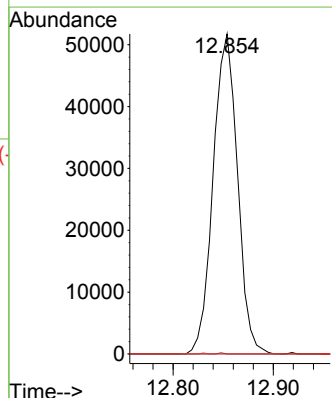
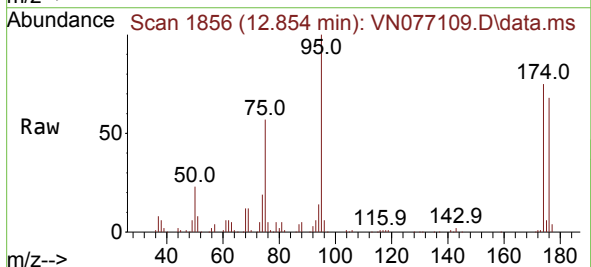
Instrument :
MSVOA_N
ClientSampleId :

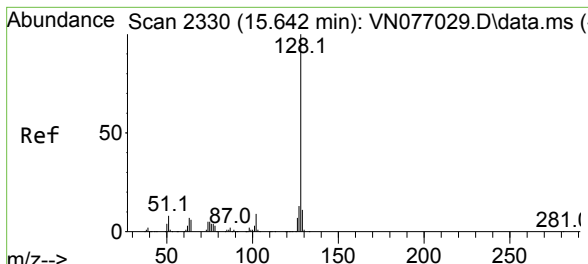
Tgt Ion: 75 Resp: 87158
Ion Ratio Lower Upper
75 100
77 1.2 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.452 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077109.D
Acq: 22 Mar 2023 15:47

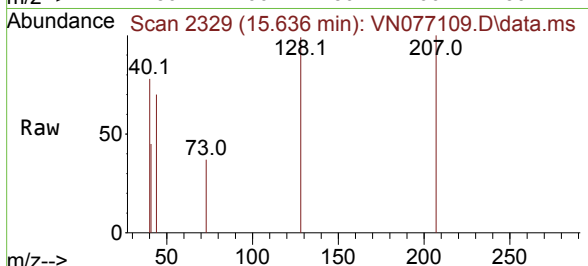
Tgt Ion: 75 Resp: 87158
Ion Ratio Lower Upper
75 100
53 0.1 80.8 121.2#
89 0.0 34.2 51.4#





#95
 Naphthalene
 Concen: 1.957 ug/l
 RT: 15.636 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN077109.D
 Acq: 22 Mar 2023 15:47

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 434

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.6	13.0#

