

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077050.D
 Acq On : 17 Mar 2023 22:13
 Operator : JC\MD
 Sample : 01941-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT163S1-20230313

Quant Time: Mar 18 02:36:52 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

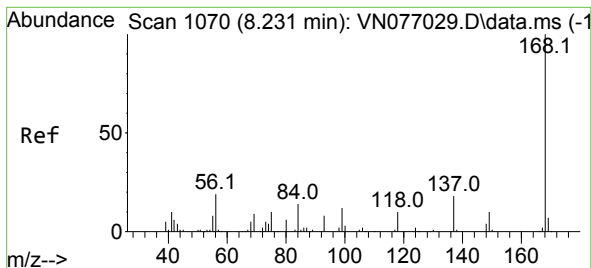
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	342614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	635270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	561213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	212577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	277079	50.630	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.260%		
35) Dibromofluoromethane	8.172	113	210167	47.240	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.480%		
50) Toluene-d8	10.572	98	776745	48.877	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.760%		
62) 4-Bromofluorobenzene	12.854	95	253074	45.066	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.140%		
Target Compounds						
					Qvalue	
16) Acetone	4.484	43	1193	0.489	ug/l #	43
31) Cyclohexane	8.236	56	8851	0.988	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	32627	4.695	ug/l #	52
38) Carbon Tetrachloride	8.231	117	39238	5.797	ug/l #	15
44) Trichloroethene	9.354	130	4455	0.920	ug/l	93
51) 4-Methyl-2-Pentanone	10.572	43	3057	0.423	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	139100	25.297	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	139100	69.633	ug/l #	10
95) Naphthalene	15.642	128	639	1.955	ug/l #	70

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
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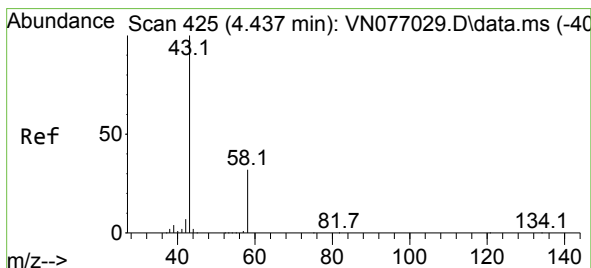
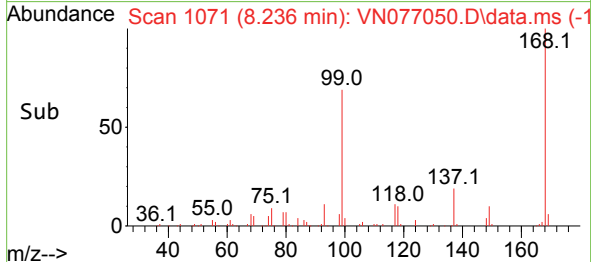
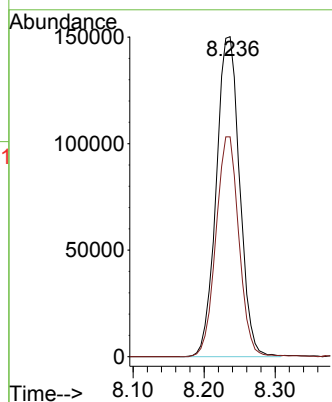
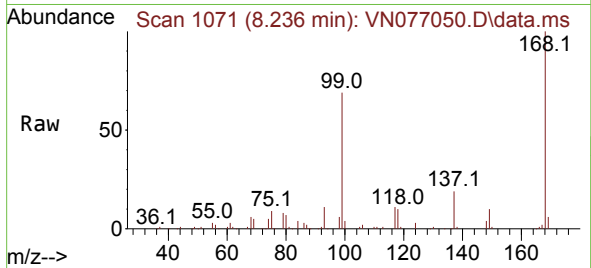




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN077050.D
Acq: 17 Mar 2023 22:13

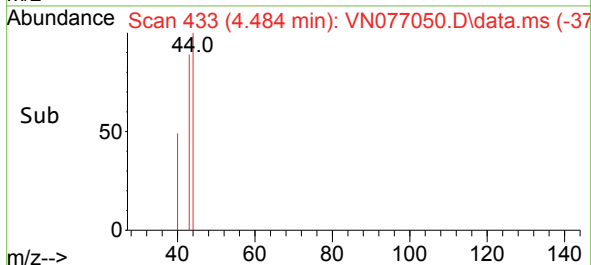
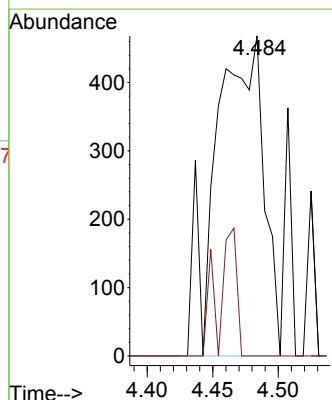
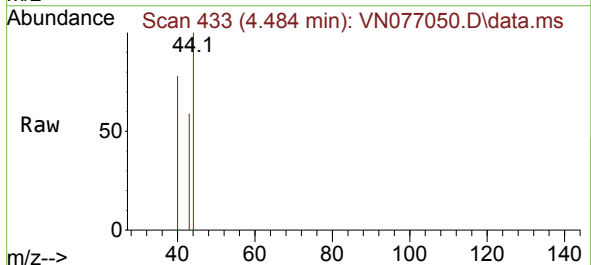
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MSVOA_N
ClientSampleId :
TT163S1-20230313

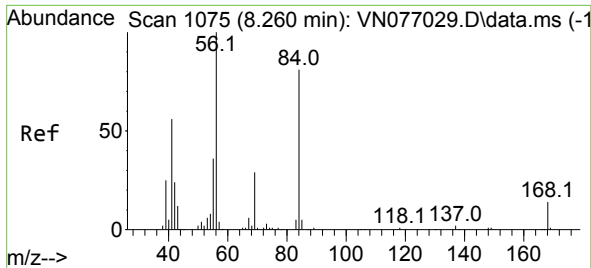
Tgt Ion:168 Resp: 342614
Ion Ratio Lower Upper
168 100
99 68.7 53.9 80.9



#16
Acetone
Concen: 0.489 ug/l
RT: 4.484 min Scan# 433
Delta R.T. 0.047 min
Lab File: VN077050.D
Acq: 17 Mar 2023 22:13

Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#

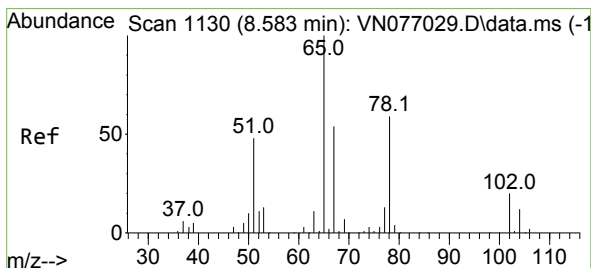
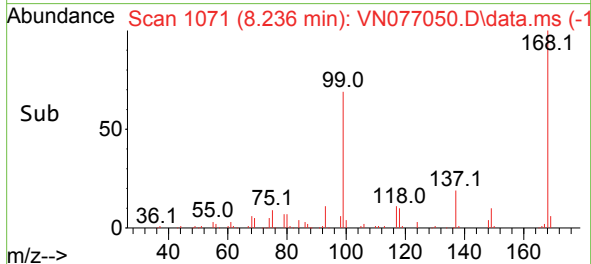
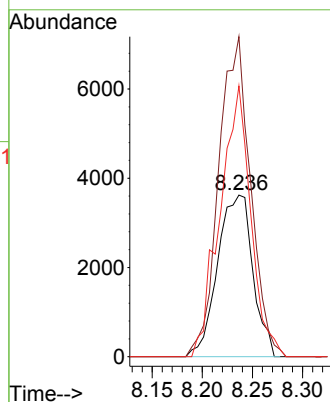
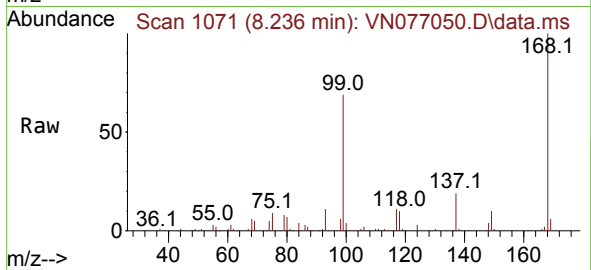




#31
Cyclohexane
Concen: 0.988 ug/l
RT: 8.236 min Scan# 1075
Delta R.T. -0.024 min
Lab File: VN077050.D
Acq: 17 Mar 2023 22:13

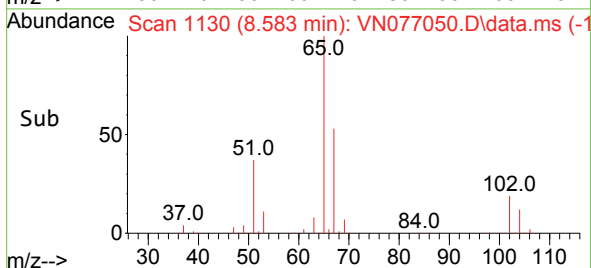
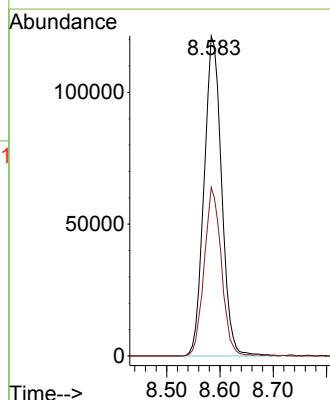
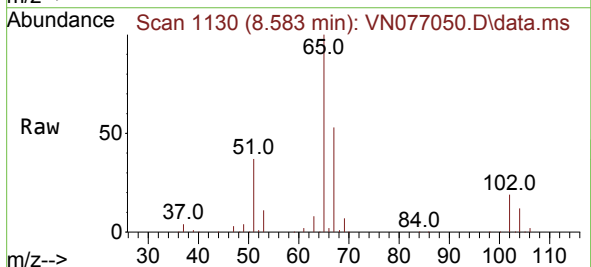
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20230313

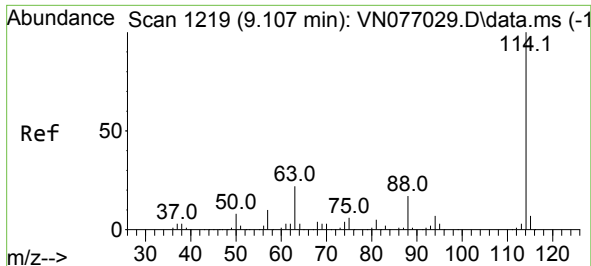
Tgt Ion: 56 Resp: 8851
Ion Ratio Lower Upper
56 100
69 198.0 22.8 34.2#
84 167.6 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 50.630 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077050.D
Acq: 17 Mar 2023 22:13

Tgt Ion: 65 Resp: 277079
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2

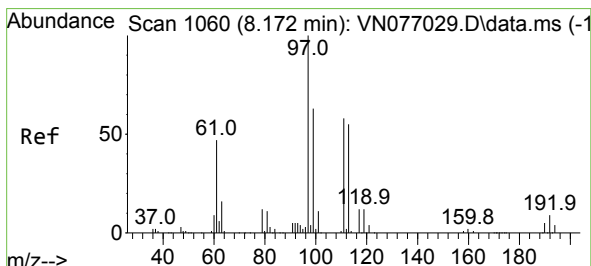
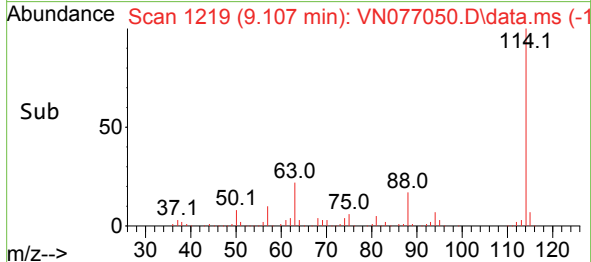
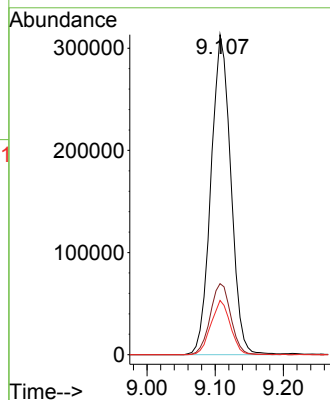
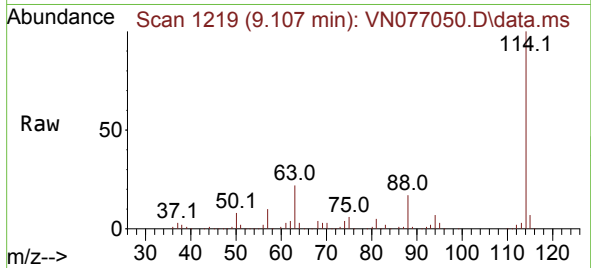




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077050.D
Acq: 17 Mar 2023 22:13

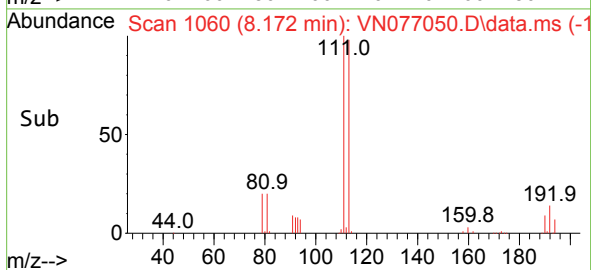
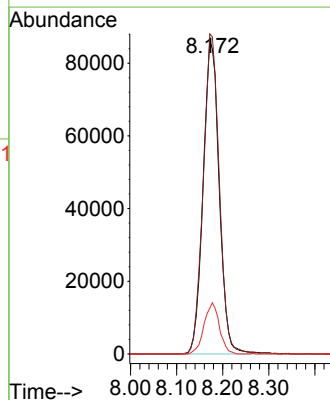
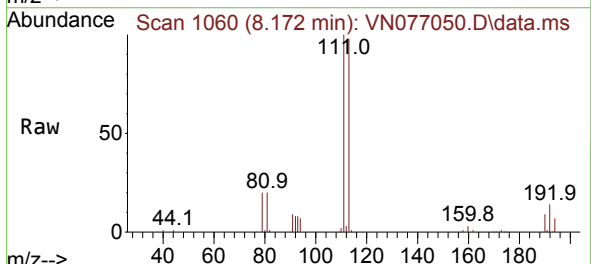
Instrument :
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ClientSampleId :
TT163S1-20230313

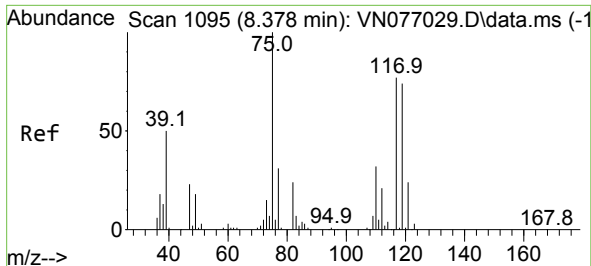
Tgt Ion:114 Resp: 635270
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.6
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 47.240 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077050.D
Acq: 17 Mar 2023 22:13

Tgt Ion:113 Resp: 210167
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 15.6 13.0 19.6

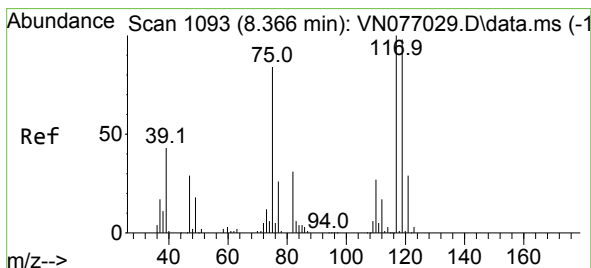
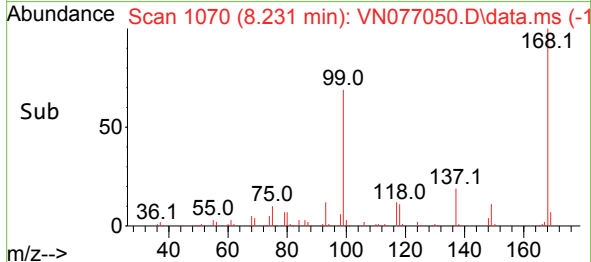
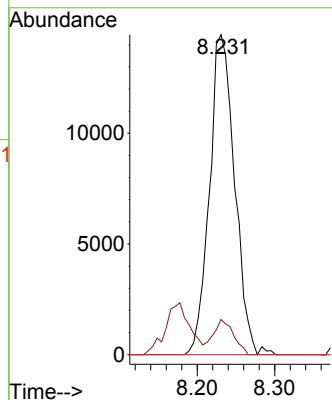
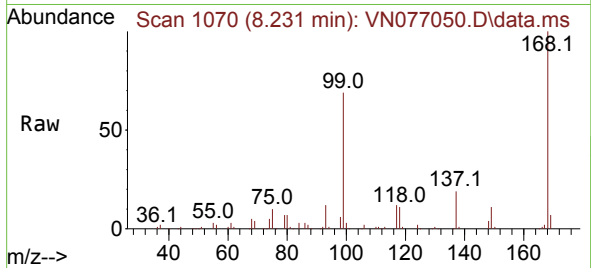




#36
 1,1-Dichloropropene
 Concen: 4.695 ug/l
 RT: 8.231 min Scan# 1070
 Delta R.T. -0.147 min
 Lab File: VN077050.D
 Acq: 17 Mar 2023 22:13

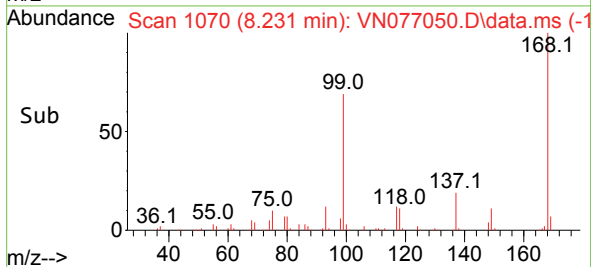
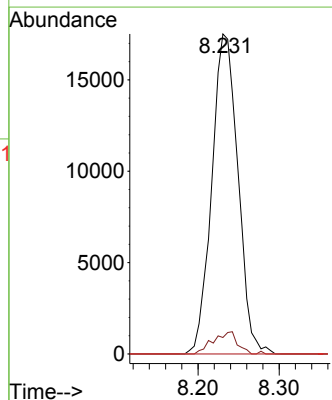
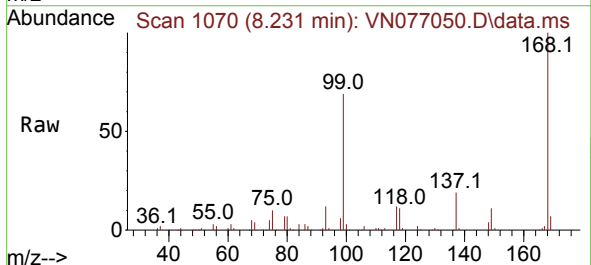
Instrument :
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 ClientSampleId :
 TT163S1-20230313

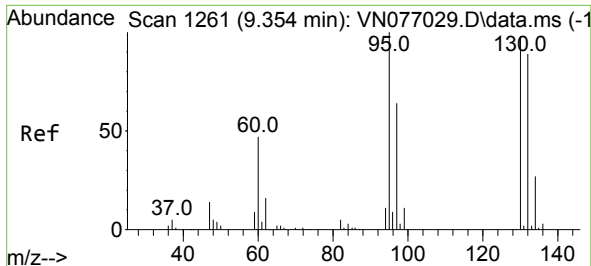
Tgt Ion: 75 Resp: 32627
 Ion Ratio Lower Upper
 75 100
 110 9.0 15.9 47.7#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.797 ug/l
 RT: 8.231 min Scan# 1070
 Delta R.T. -0.135 min
 Lab File: VN077050.D
 Acq: 17 Mar 2023 22:13

Tgt Ion: 117 Resp: 39238
 Ion Ratio Lower Upper
 117 100
 119 5.2 78.2 117.2#
 121 0.0 23.2 34.8#

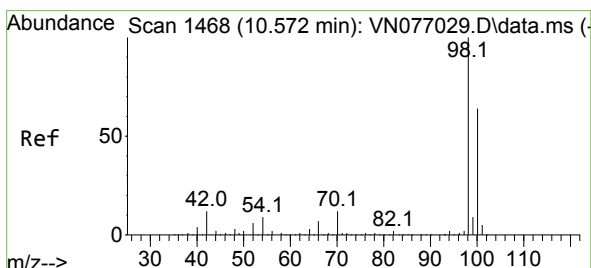
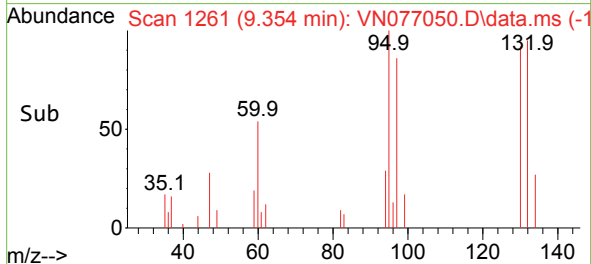
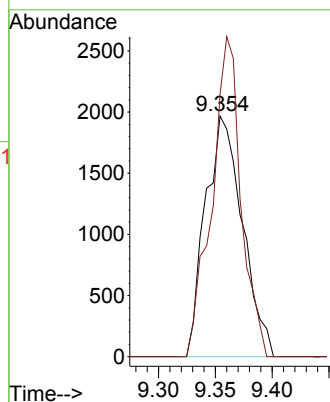
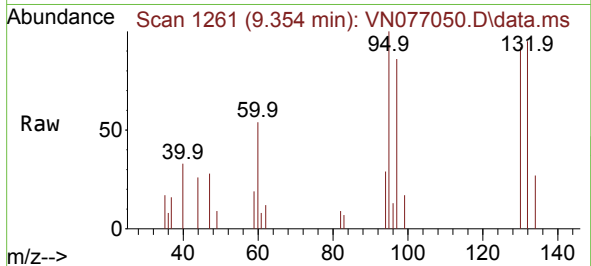




#44
Trichloroethene
Concen: 0.920 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077050.D
Acq: 17 Mar 2023 22:13

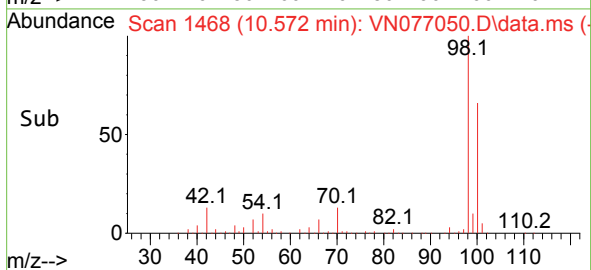
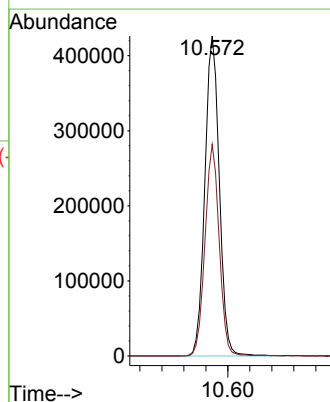
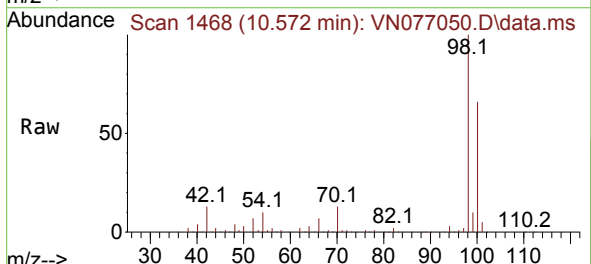
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ClientSampleId :
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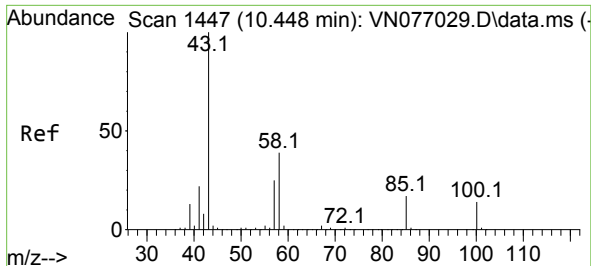
Tgt Ion:130 Resp: 4455
Ion Ratio Lower Upper
130 100
95 109.0 0.0 204.4



#50
Toluene-d8
Concen: 48.877 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077050.D
Acq: 17 Mar 2023 22:13

Tgt Ion: 98 Resp: 776745
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 0.423 ug/l

RT: 10.572 min Scan# 1447

Delta R.T. 0.124 min

Lab File: VN077050.D

Acq: 17 Mar 2023 22:13

Instrument :

MSVOA_N

ClientSampleId :

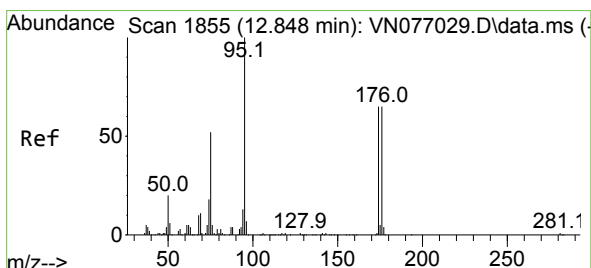
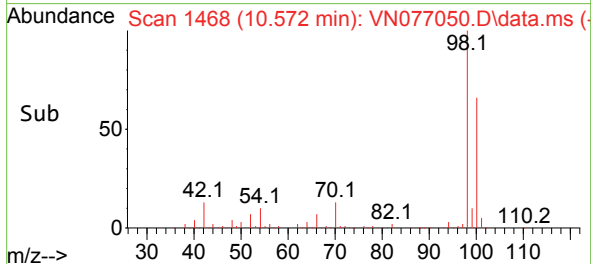
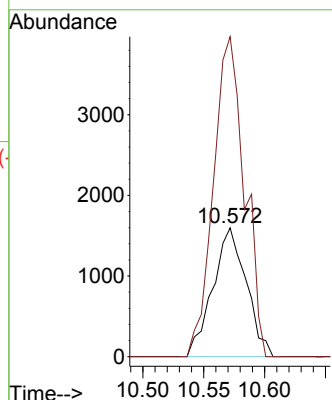
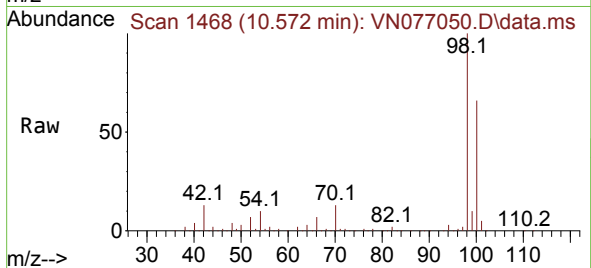
TT163S1-20230313

Tgt Ion: 43 Resp: 3057

Ion Ratio Lower Upper

43 100

58 231.1 31.1 46.7#



#62

4-Bromofluorobenzene

Concen: 45.066 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077050.D

Acq: 17 Mar 2023 22:13

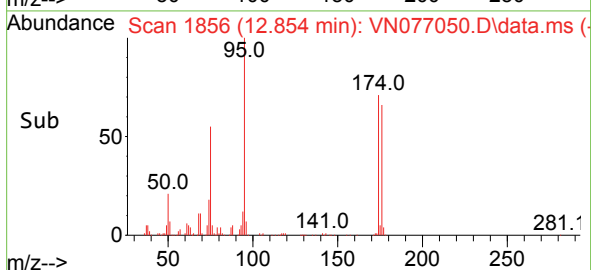
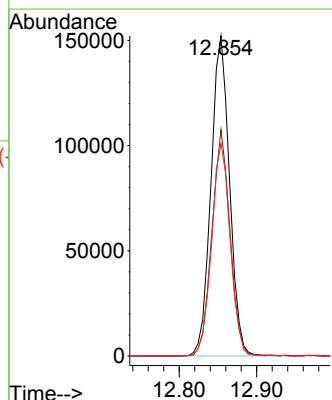
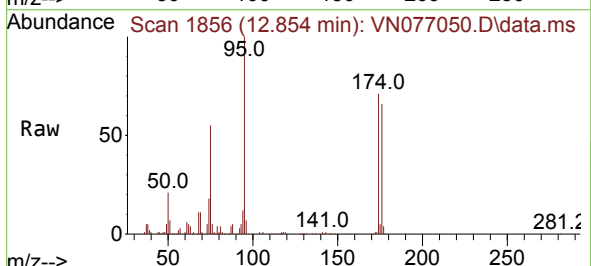
Tgt Ion: 95 Resp: 253074

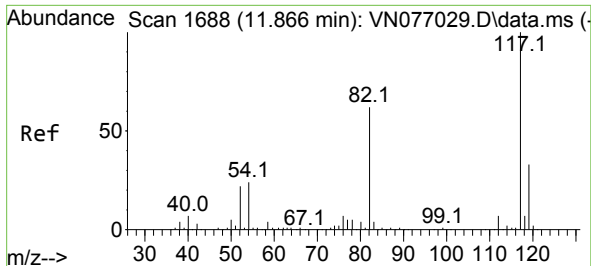
Ion Ratio Lower Upper

95 100

174 69.1 0.0 136.6

176 66.3 0.0 130.0

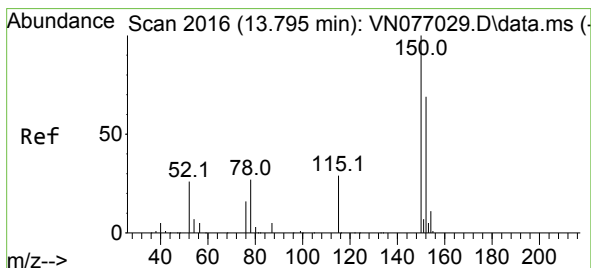
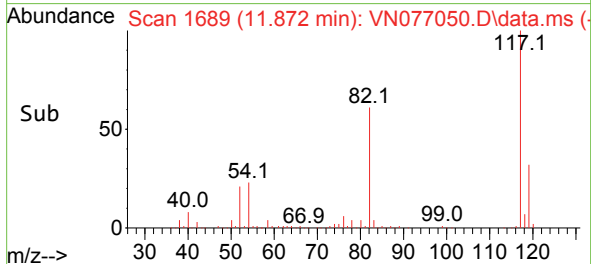
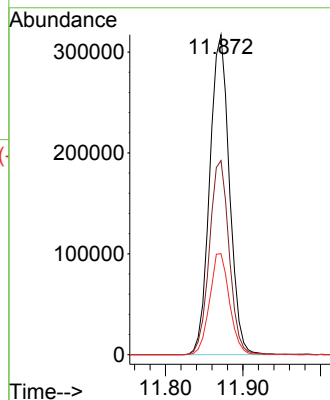
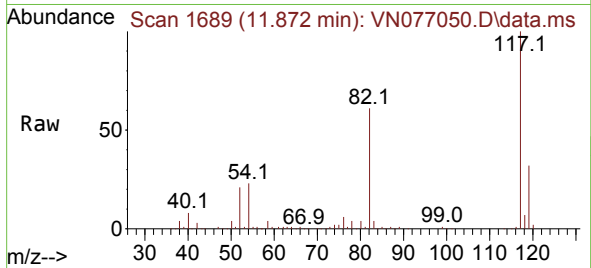




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077050.D
Acq: 17 Mar 2023 22:13

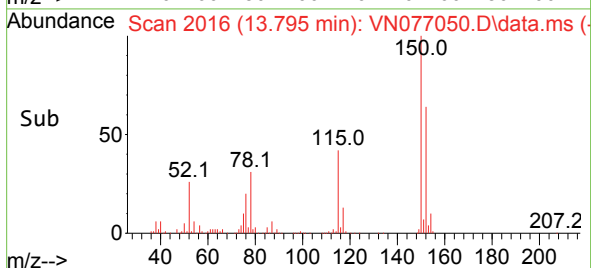
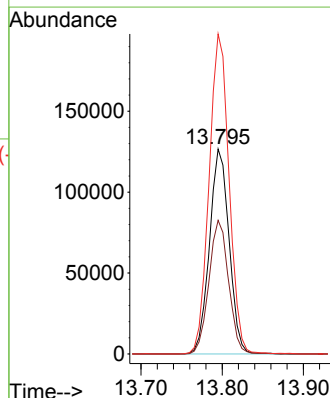
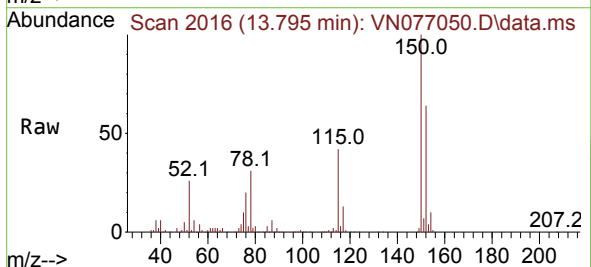
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20230313

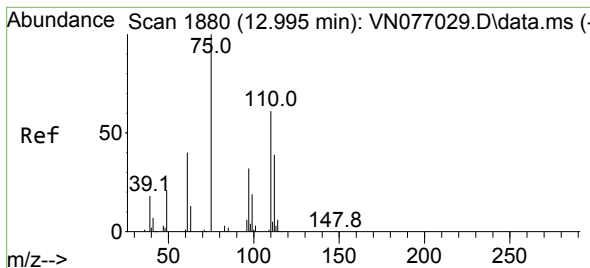
Tgt Ion:117 Resp: 561213
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.0
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077050.D
Acq: 17 Mar 2023 22:13

Tgt Ion:152 Resp: 212577
Ion Ratio Lower Upper
152 100
115 65.4 31.9 95.7
150 158.7 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 25.297 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077050.D

Acq: 17 Mar 2023 22:13

Instrument :

MSVOA_N

ClientSampleId :

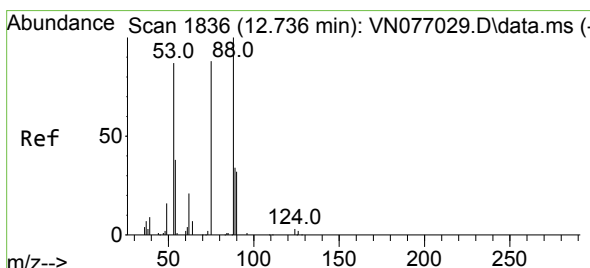
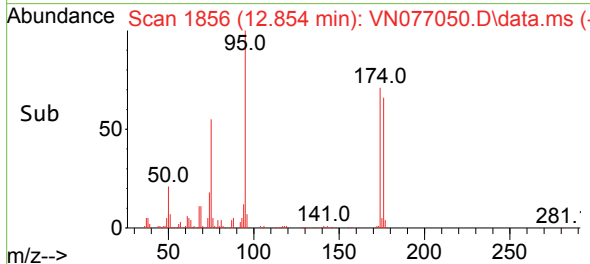
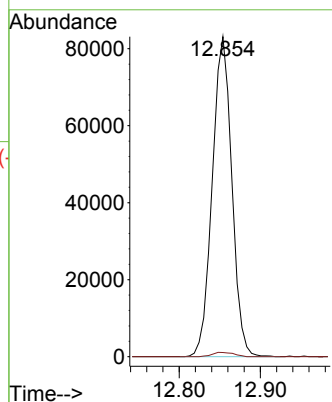
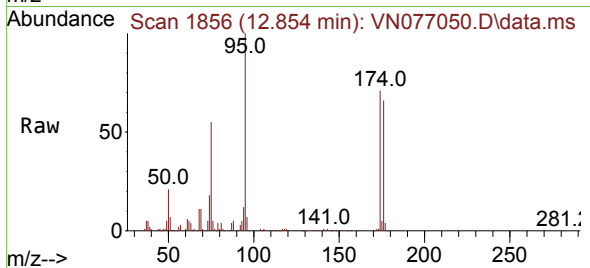
TT163S1-20230313

Tgt Ion: 75 Resp: 139100

Ion Ratio Lower Upper

75 100

77 1.5 107.3 322.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.633 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.118 min

Lab File: VN077050.D

Acq: 17 Mar 2023 22:13

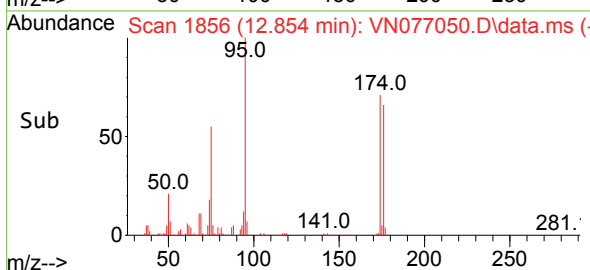
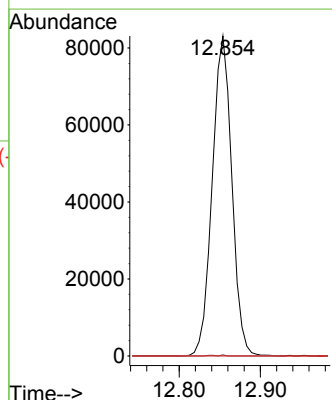
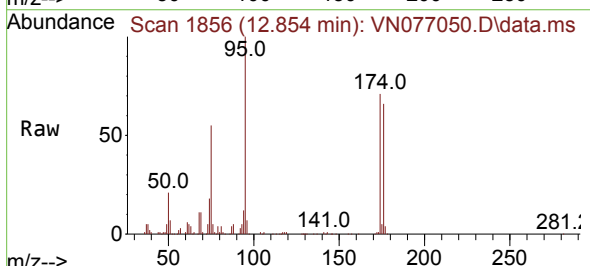
Tgt Ion: 75 Resp: 139100

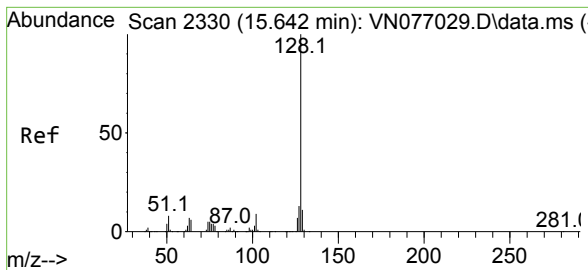
Ion Ratio Lower Upper

75 100

53 0.1 80.8 121.2#

89 0.0 34.2 51.4#





#95
 Naphthalene
 Concen: 1.955 ug/l
 RT: 15.642 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077050.D
 Acq: 17 Mar 2023 22:13

Instrument :
 MSVOA_N
 ClientSampleId :
 TT163S1-20230313

Tgt Ion:	128	Resp:	639
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.6	13.0#

