

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038849.D
 Acq On : 16 Nov 2023 19:45
 Operator : JC/MD
 Sample : 05357-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT163S1-20231108

Quant Time: Nov 16 23:07:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

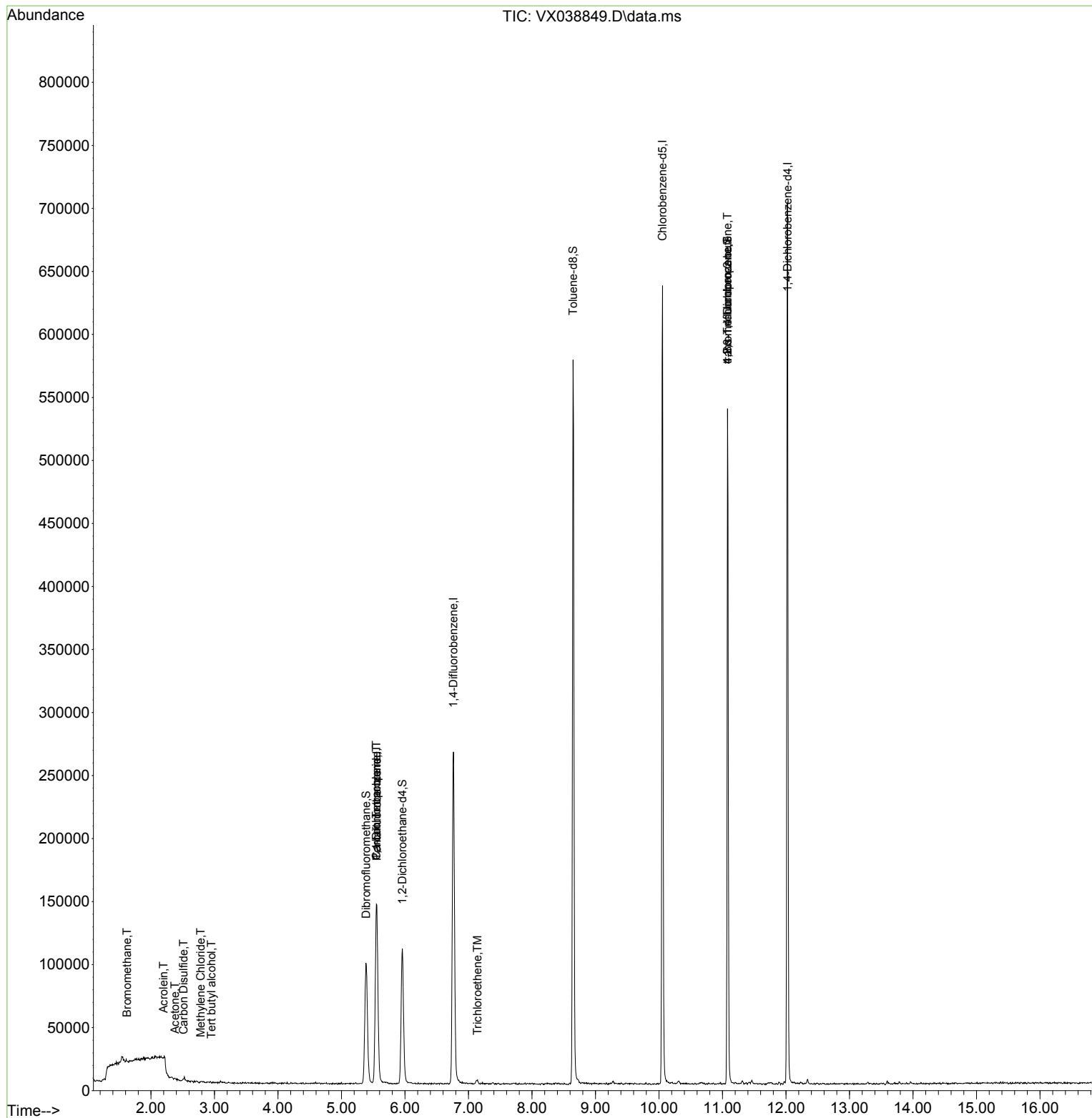
Internal Standards						
1) Pentafluorobenzene	5.556	168	132022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98538	46.320	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.640%		
35) Dibromofluoromethane	5.385	113	85642	43.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.600%		
50) Toluene-d8	8.647	98	346451	46.311	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.620%		
62) 4-Bromofluorobenzene	11.079	95	151099	50.456	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.920%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	248	0.310	ug/l #	29
11) Tert butyl alcohol	2.953	59	344	0.581	ug/l #	27
13) Acrolein	2.197	56	261	0.834	ug/l #	1
16) Acetone	2.380	43	1007	0.889	ug/l #	83
17) Carbon Disulfide	2.514	76	1280	0.251	ug/l #	92
20) Methylene Chloride	2.782	84	615	0.301	ug/l #	57
36) 1,1-Dichloropropene	5.550	75	11907	4.249	ug/l #	53
38) Carbon Tetrachloride	5.550	117	14277	5.512	ug/l #	15
44) Trichloroethene	7.141	130	1200	0.595	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	77551	21.582	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	77551	47.871	ug/l #	5

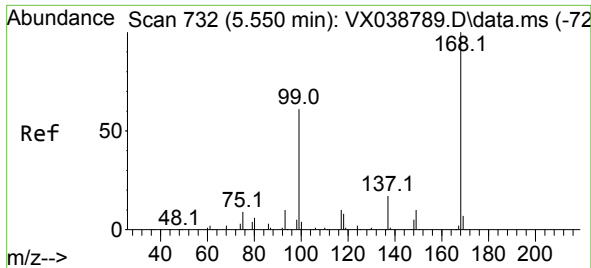
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX038849.D

Acq: 16 Nov 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

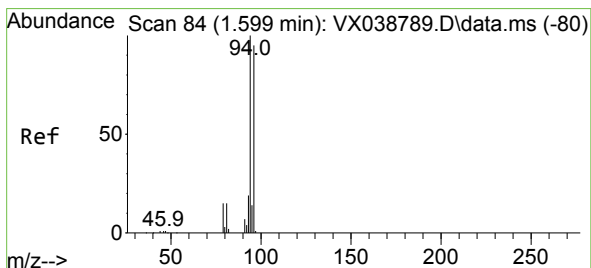
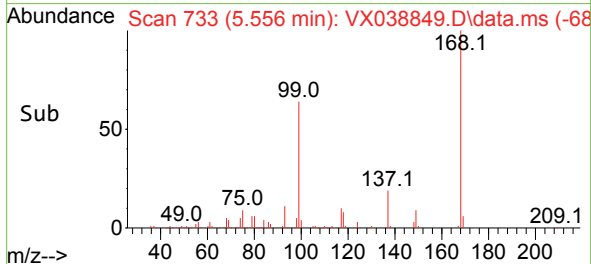
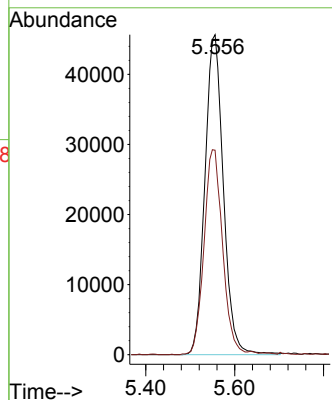
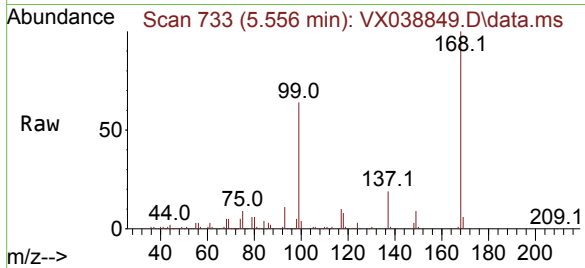
TT163S1-20231108

Tgt Ion:168 Resp: 132022

Ion Ratio Lower Upper

168 100

99 63.9 56.6 85.0



#5

Bromomethane

Concen: 0.310 ug/l

RT: 1.624 min Scan# 88

Delta R.T. 0.025 min

Lab File: VX038849.D

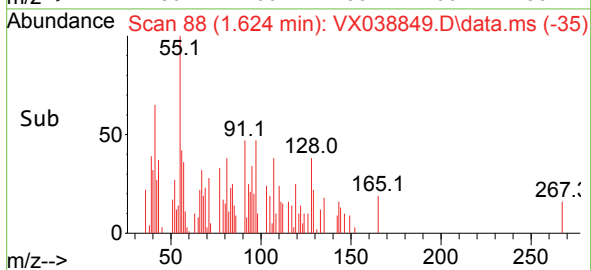
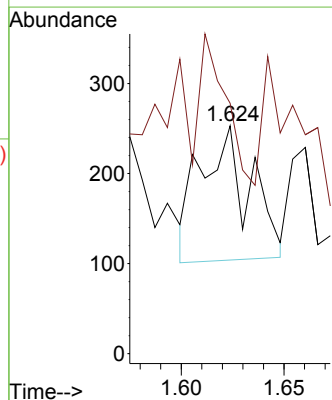
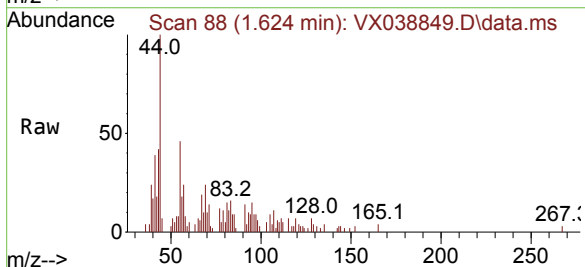
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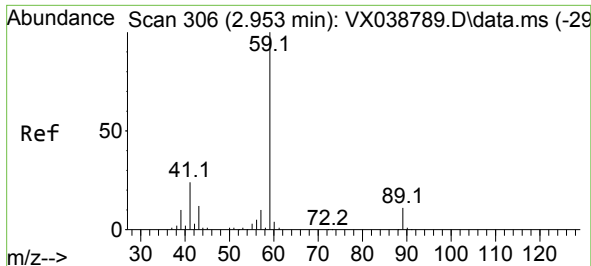
Tgt Ion: 94 Resp: 248

Ion Ratio Lower Upper

94 100

96 25.4 74.6 111.8#

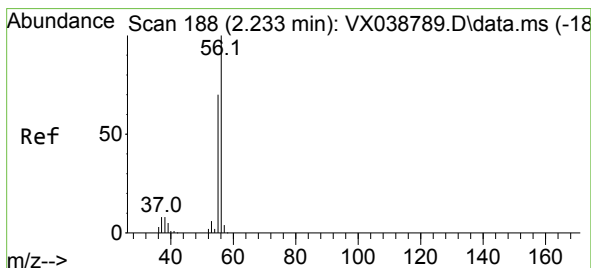
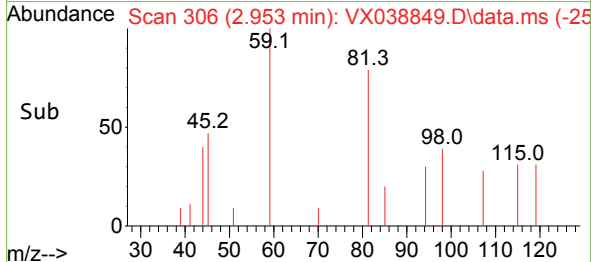
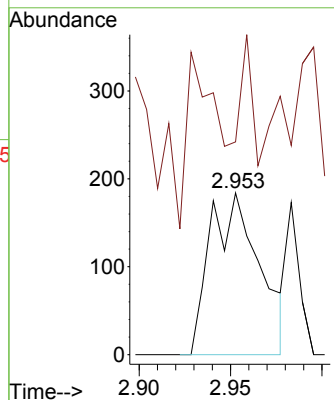
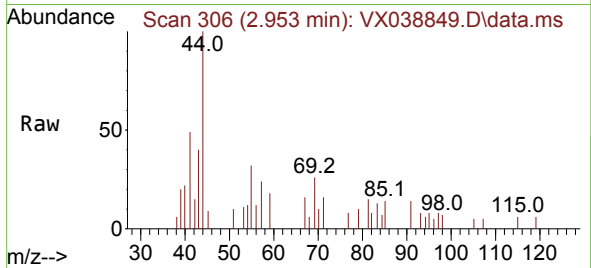




#11
Tert butyl alcohol
Concen: 0.581 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

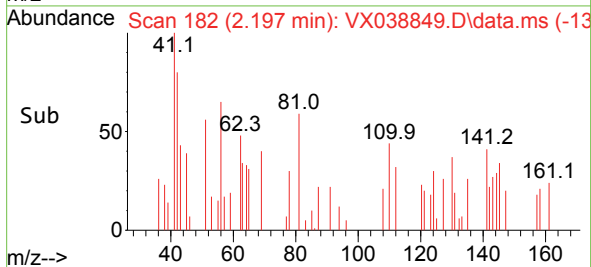
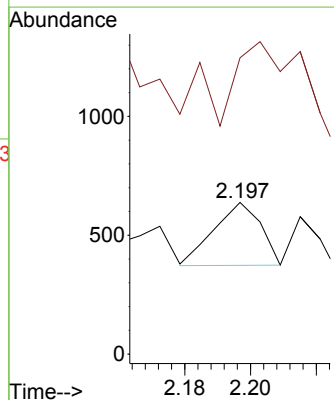
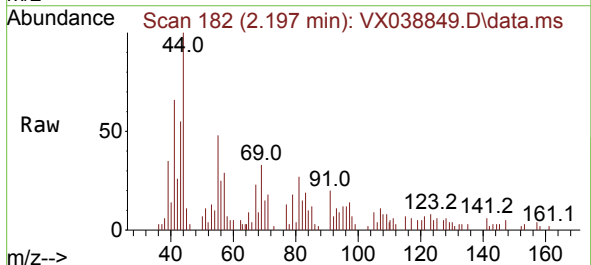
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ClientSampleId :
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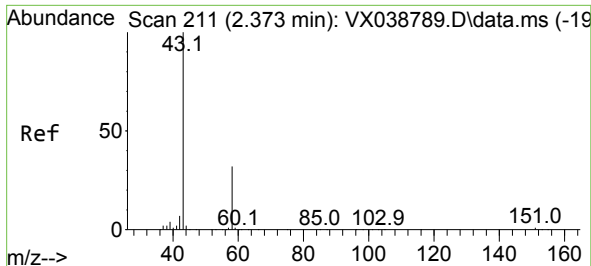
Tgt Ion: 59 Resp: 344
Ion Ratio Lower Upper
59 100
57 32.8 6.0 9.0#



#13
Acrolein
Concen: 0.834 ug/l
RT: 2.197 min Scan# 182
Delta R.T. -0.036 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

Tgt Ion: 56 Resp: 261
Ion Ratio Lower Upper
56 100
55 544.4 57.1 85.7#

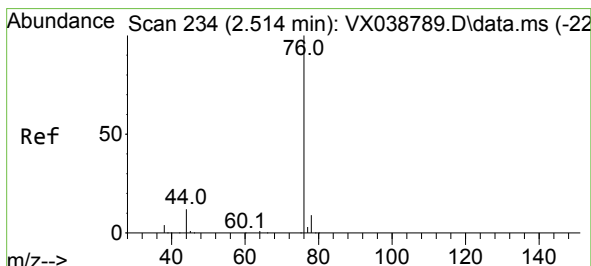
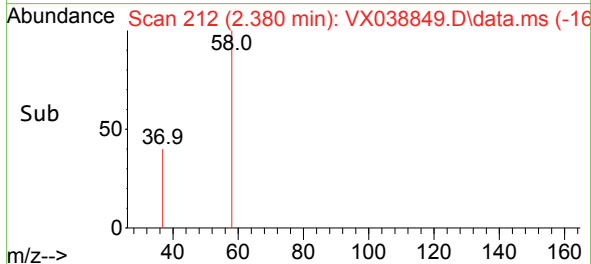
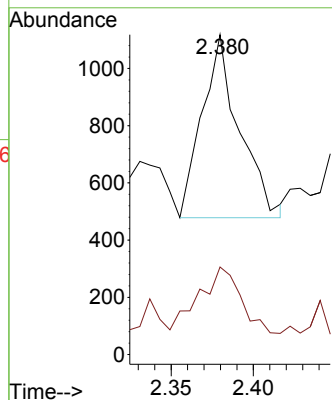
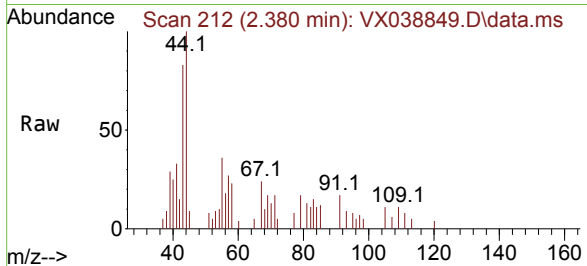




#16
Acetone
Concen: 0.889 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

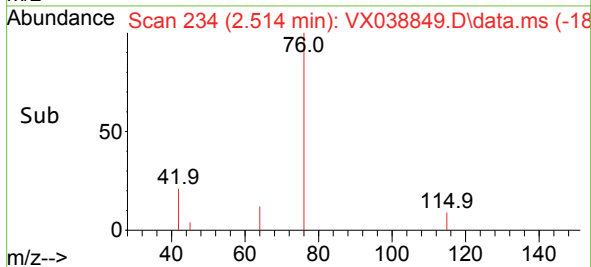
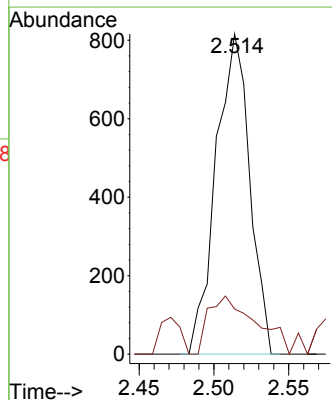
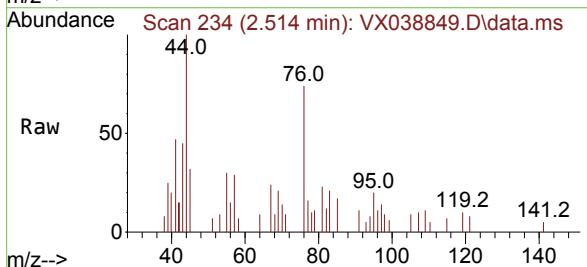
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20231108

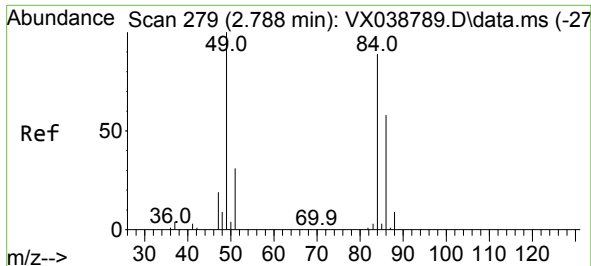
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 36.3 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

Tgt Ion: 76 Resp: 1280
Ion Ratio Lower Upper
76 100
78 5.8 7.0 10.6#

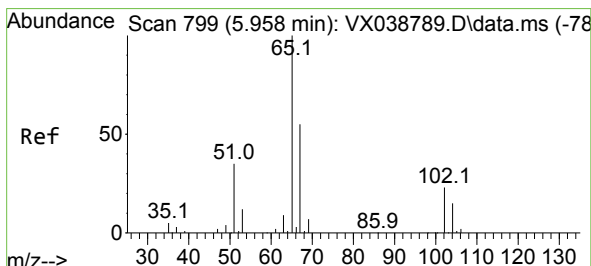
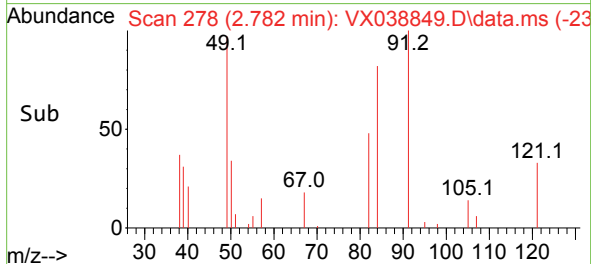
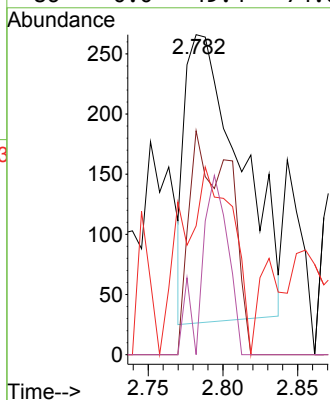
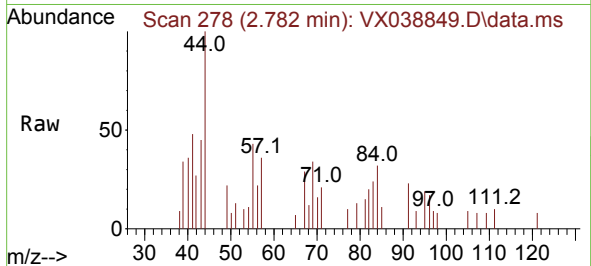




#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

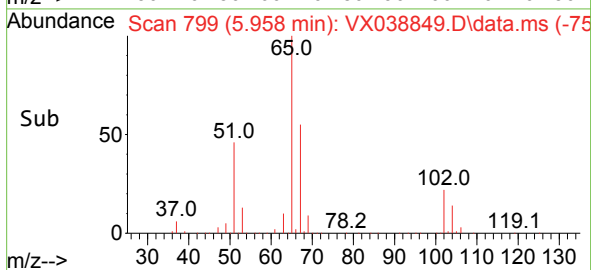
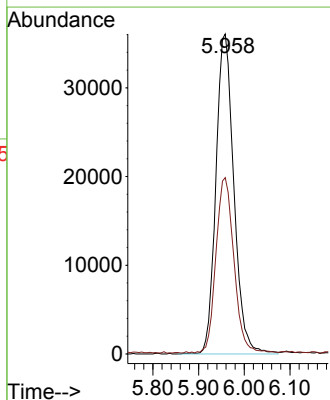
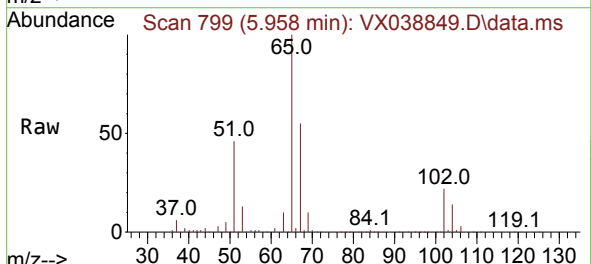
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20231108

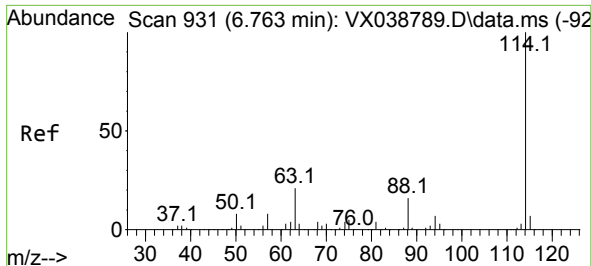
Tgt Ion: 84 Resp: 615
Ion Ratio Lower Upper
84 100
49 93.0 103.6 155.4#
51 27.5 33.8 50.6#
86 0.0 49.4 74.0#



#33
1,2-Dichloroethane-d4
Concen: 46.320 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

Tgt Ion: 65 Resp: 98538
Ion Ratio Lower Upper
65 100
67 54.8 0.0 100.2

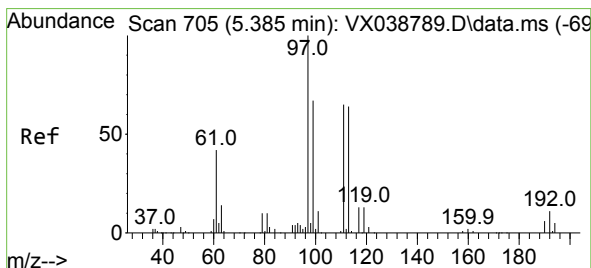
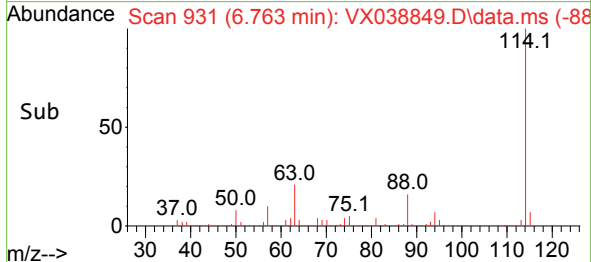
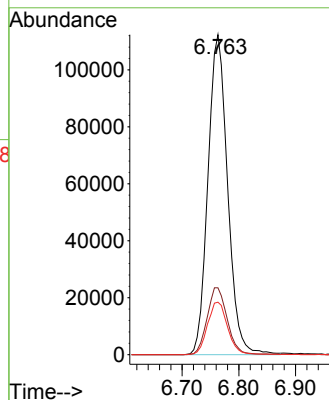
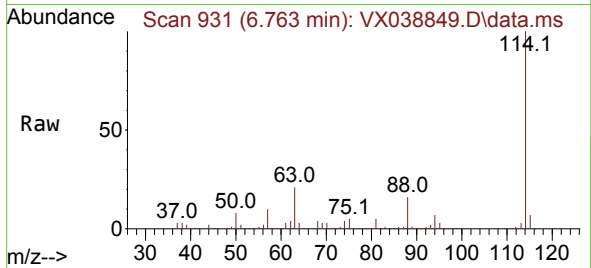




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

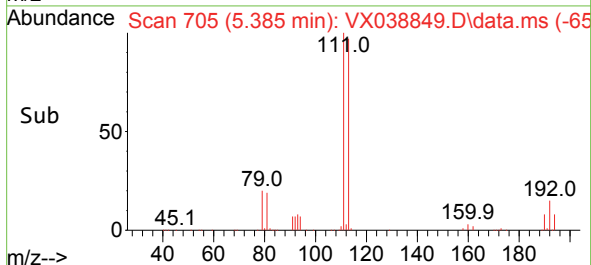
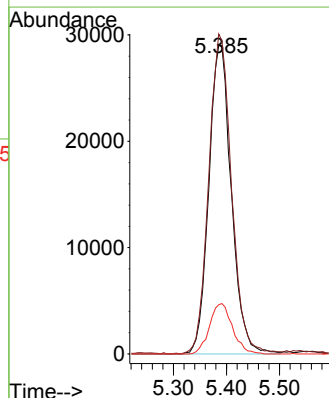
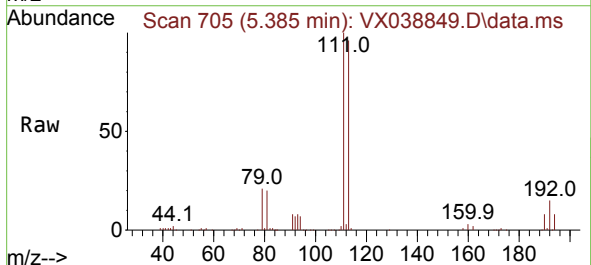
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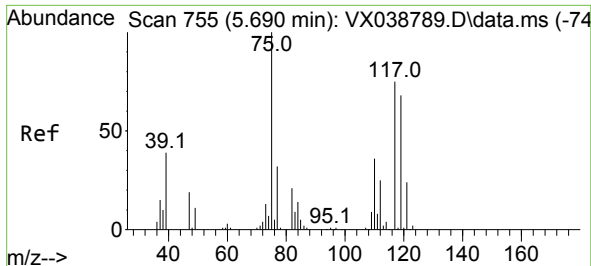
Tgt Ion:114 Resp: 270727
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.801 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

Tgt Ion:113 Resp: 85642
Ion Ratio Lower Upper
113 100
111 105.2 82.9 124.3
192 16.6 13.3 19.9

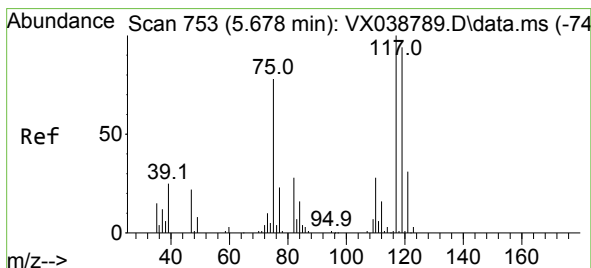
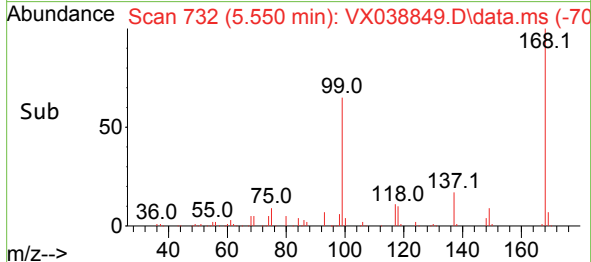
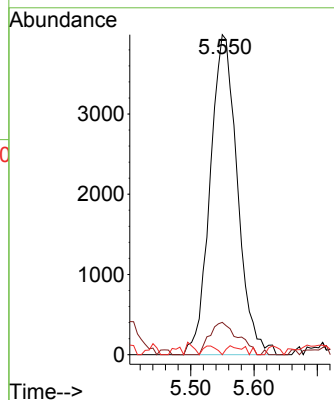
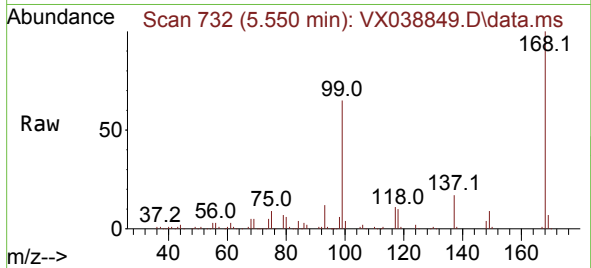




#36
1,1-Dichloropropene
Concen: 4.249 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

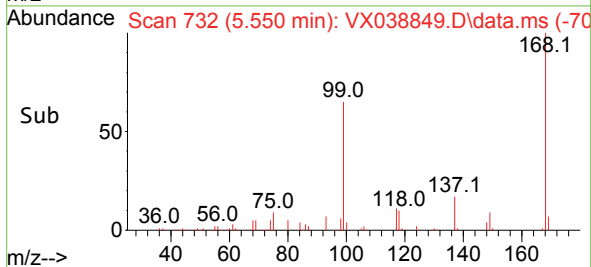
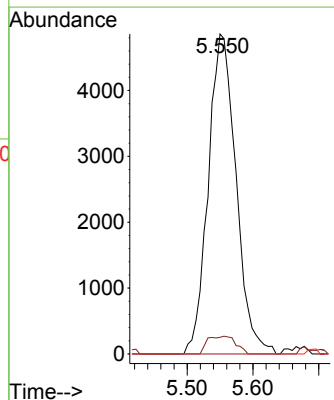
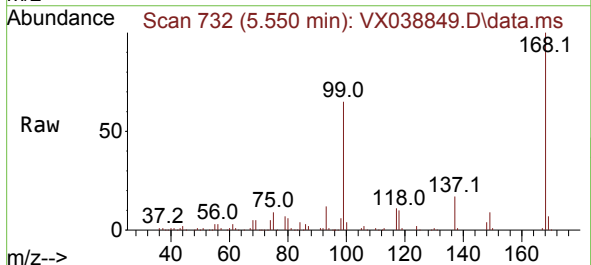
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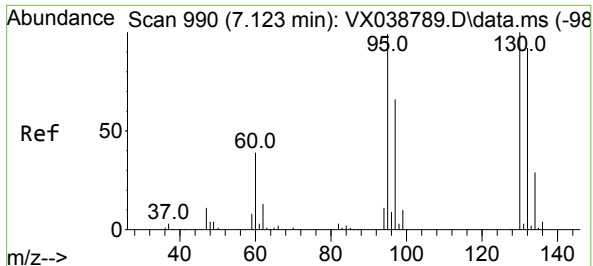
Tgt Ion: 75 Resp: 11907
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 1.9 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

Tgt Ion: 117 Resp: 14277
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

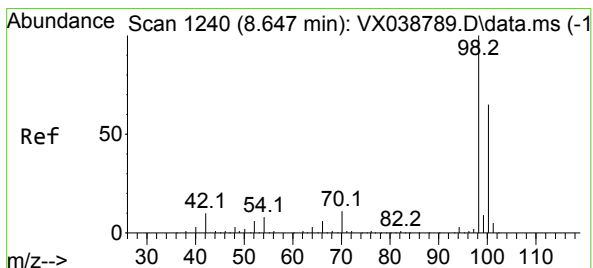
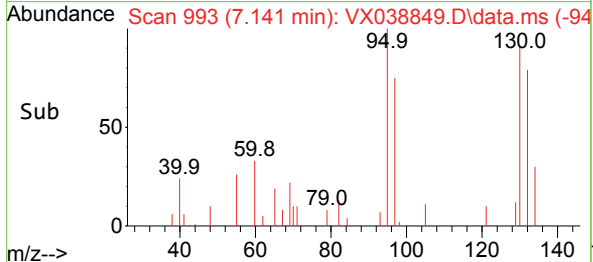
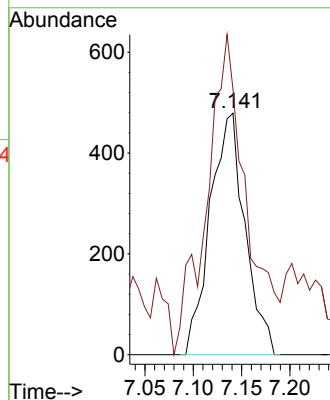
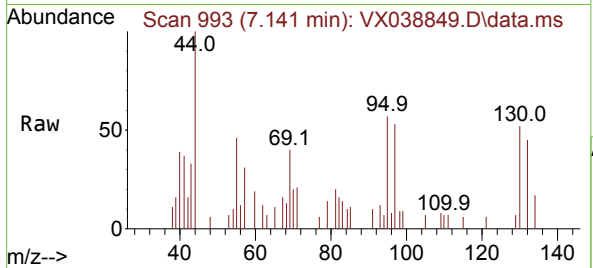




#44
Trichloroethene
Concen: 0.595 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.018 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

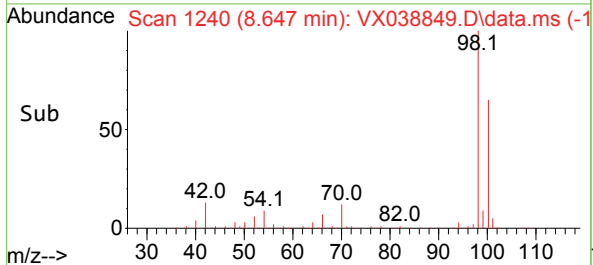
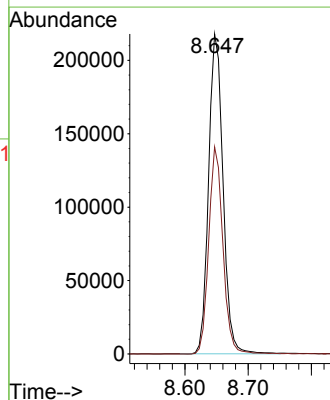
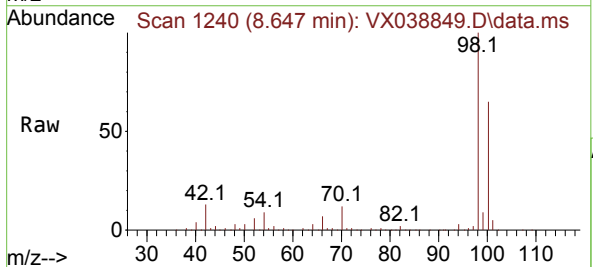
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20231108

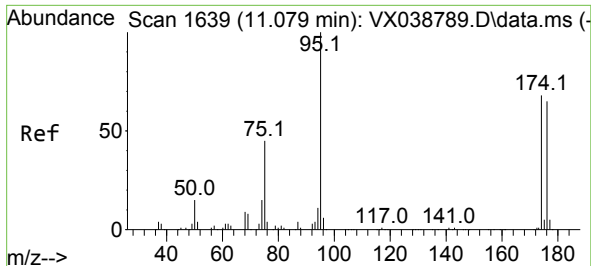
Tgt Ion:130 Resp: 1200
Ion Ratio Lower Upper
130 100
95 98.5 0.0 204.4



#50
Toluene-d8
Concen: 46.311 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

Tgt Ion: 98 Resp: 346451
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

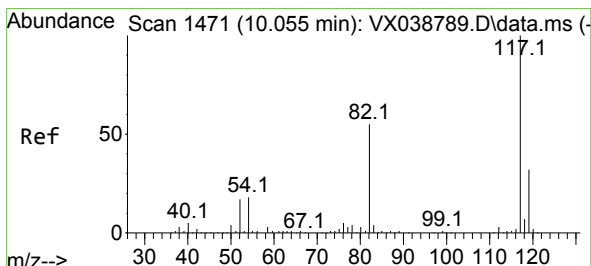
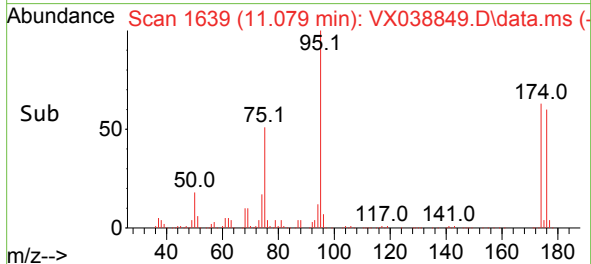
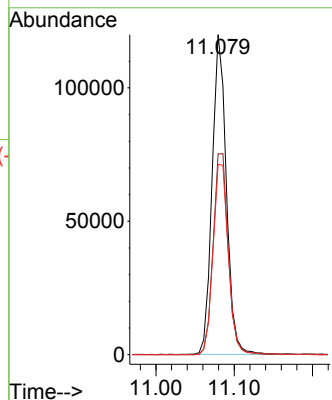
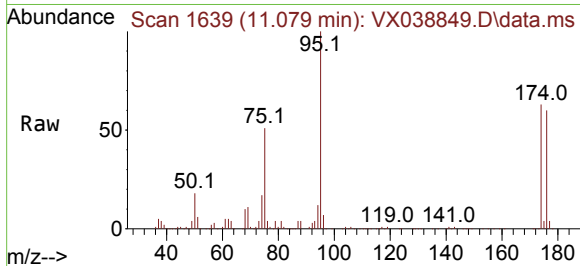




#62
4-Bromofluorobenzene
Concen: 50.456 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

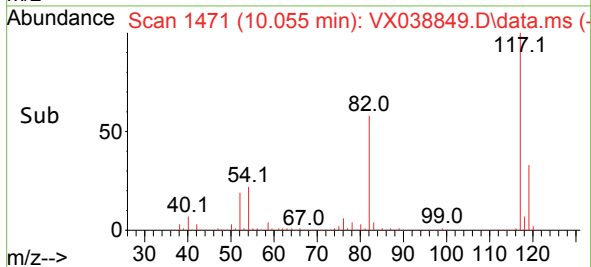
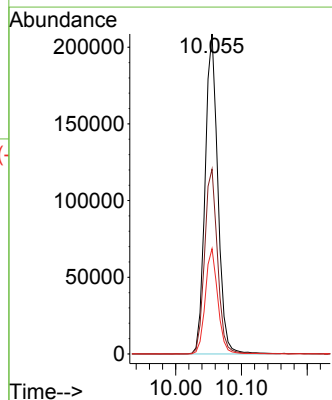
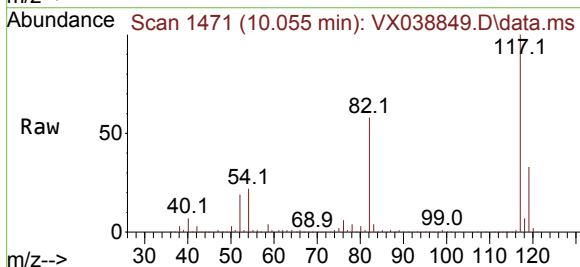
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20231108

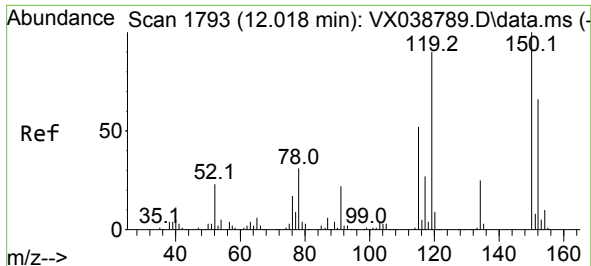
Tgt Ion: 95 Resp: 151099
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 64.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038849.D
Acq: 16 Nov 2023 19:45

Tgt Ion: 117 Resp: 281398
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.9 25.5 38.3

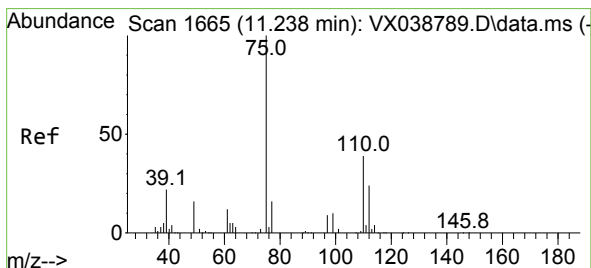
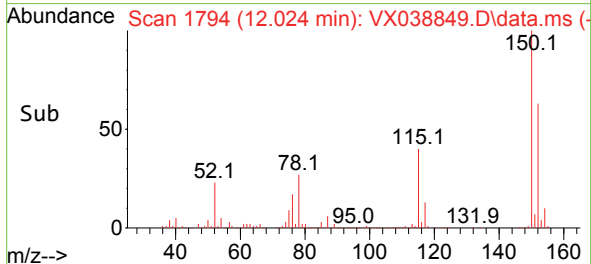
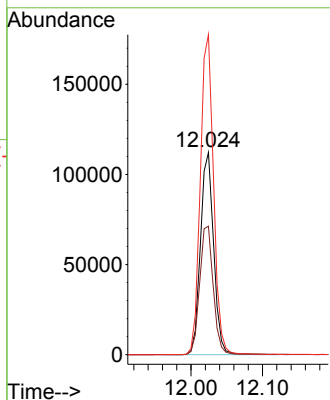
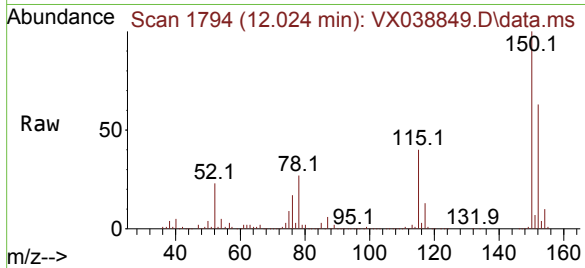




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038849.D
 Acq: 16 Nov 2023 19:45

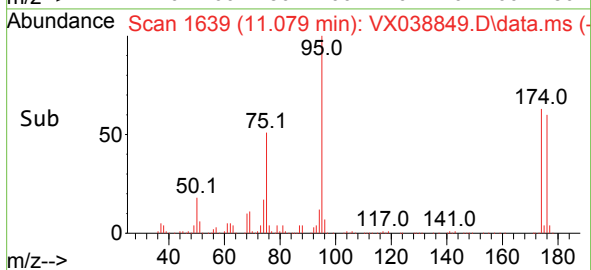
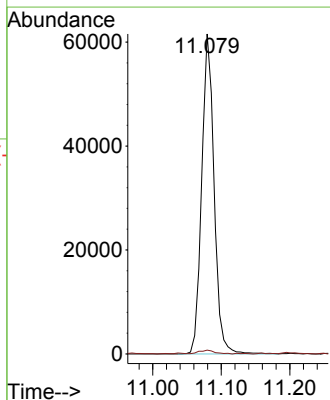
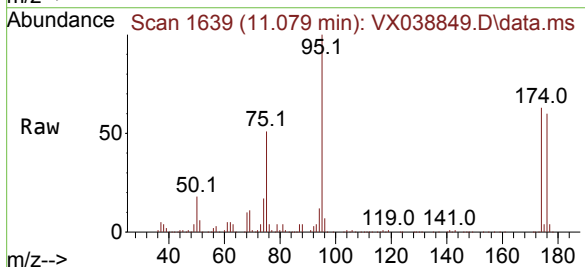
Instrument :
 MSVOA_X
 ClientSampleId :
 TT163S1-20231108

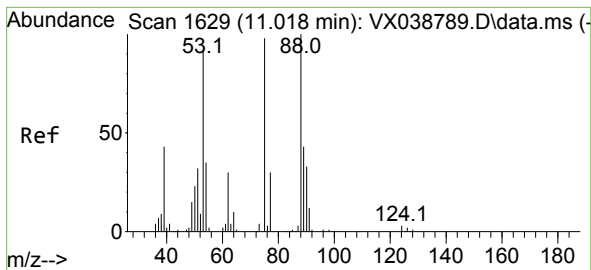
Tgt Ion:152 Resp: 144021
 Ion Ratio Lower Upper
 152 100
 115 65.6 43.3 129.9
 150 158.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.582 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038849.D
 Acq: 16 Nov 2023 19:45

Tgt Ion: 75 Resp: 77551
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.871 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038849.D
 Acq: 16 Nov 2023 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 TT163S1-20231108

Tgt Ion: 75 Resp: 77551
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#

