

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039005.D
 Acq On : 22 Nov 2023 16:09
 Operator : JC/MD
 Sample : 05407-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-20231114

Quant Time: Nov 23 01:34:51 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)

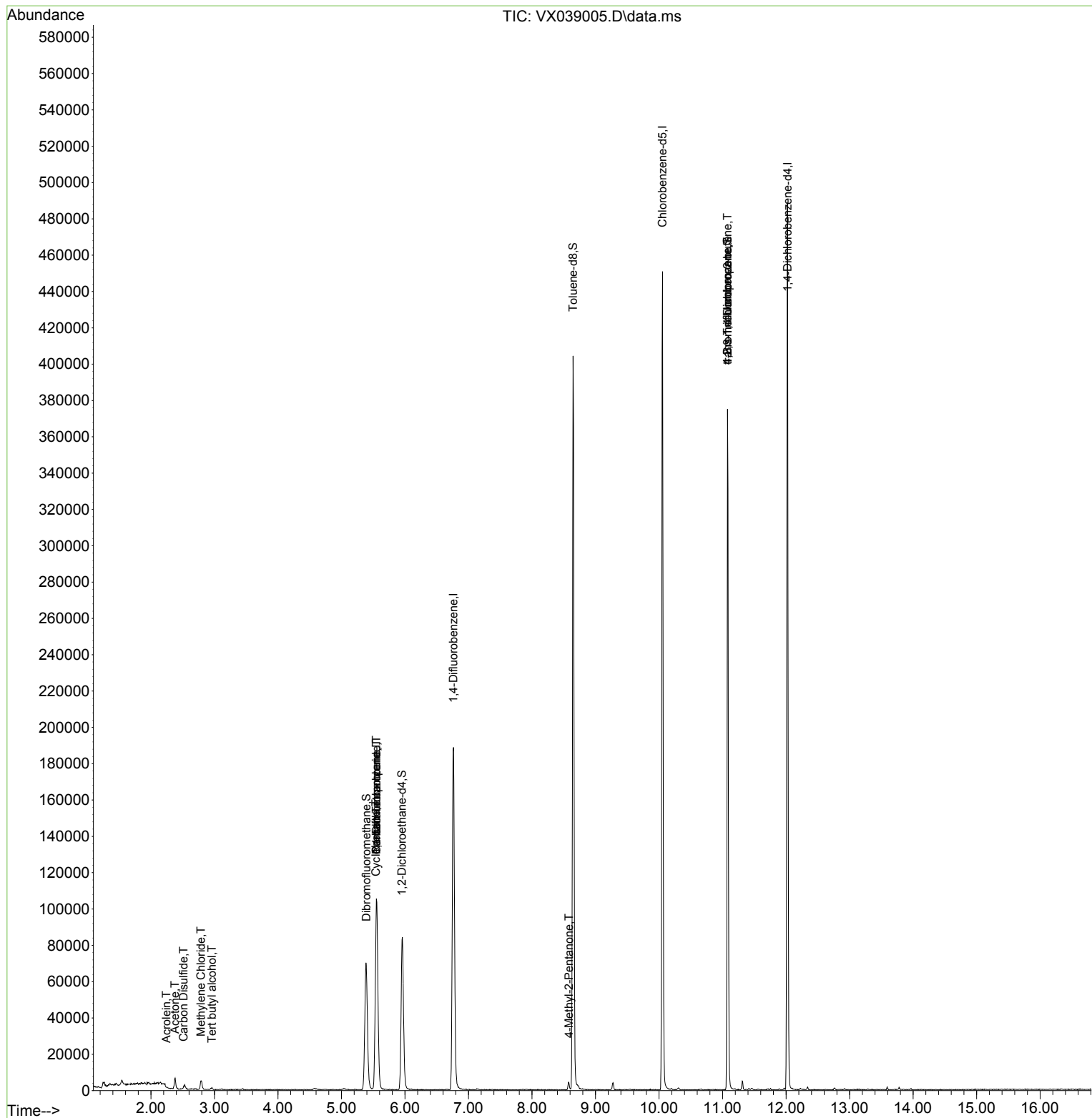
Internal Standards						
1) Pentafluorobenzene	5.550	168	91805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77885	52.650	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.300%			
35) Dibromofluoromethane	5.391	113	60915	45.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.020%			
50) Toluene-d8	8.647	98	242773	46.882	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.760%			
62) 4-Bromofluorobenzene	11.079	95	101805	49.112	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.220%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	847	2.059	ug/l #	90
13) Acrolein	2.239	56	175	0.804	ug/l	86
16) Acetone	2.380	43	6564	8.335	ug/l	97
17) Carbon Disulfide	2.514	76	859	0.242	ug/l #	76
20) Methylene Chloride	2.788	84	2224	1.567	ug/l	94
31) Cyclohexane	5.544	56	2667	1.263	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	8622	4.445	ug/l #	46
38) Carbon Tetrachloride	5.550	117	10187	5.682	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	2676	1.037	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	56307	23.573	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56307	52.288	ug/l #	5

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

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Data File : VX039005.D
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Operator : JC/MD
Sample : 05407-09RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231114

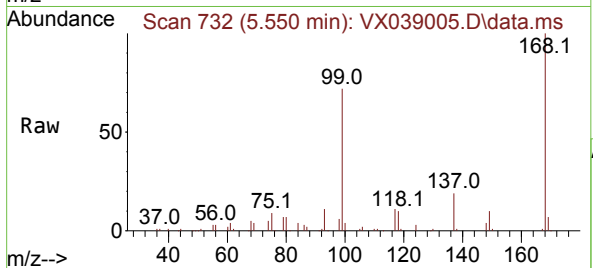
Quant Time: Nov 23 01:34:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



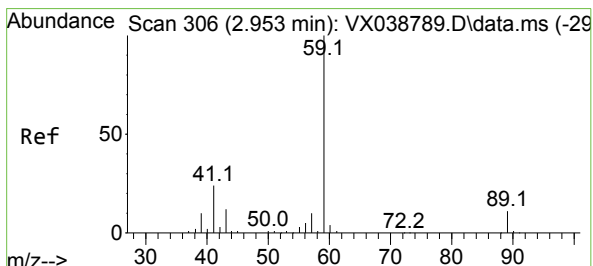
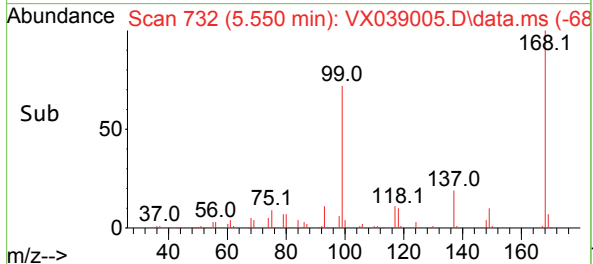
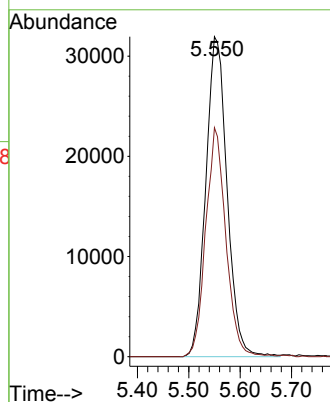


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231114

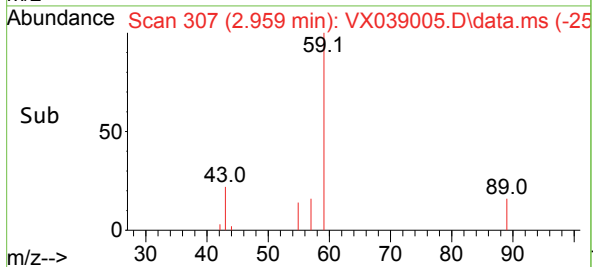
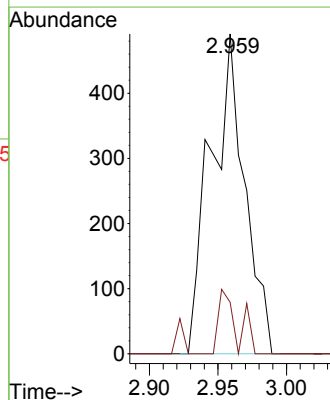
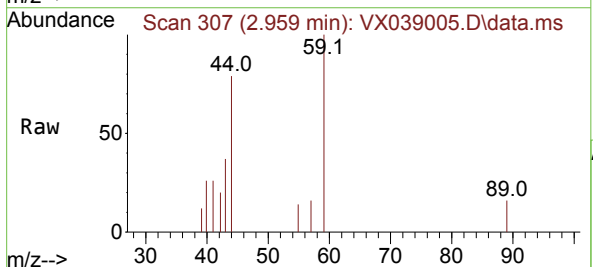


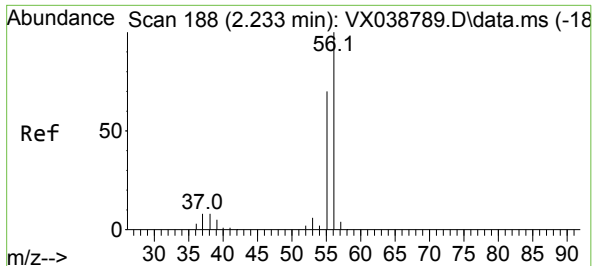
Tgt Ion:168 Resp: 91805
Ion Ratio Lower Upper
168 100
99 71.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.059 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

Tgt Ion: 59 Resp: 847
Ion Ratio Lower Upper
59 100
57 11.0 6.0 9.0#

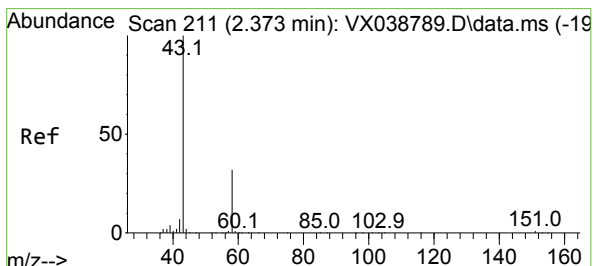
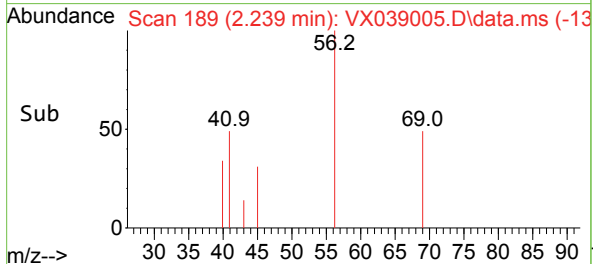
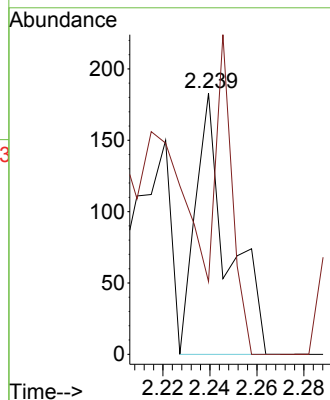
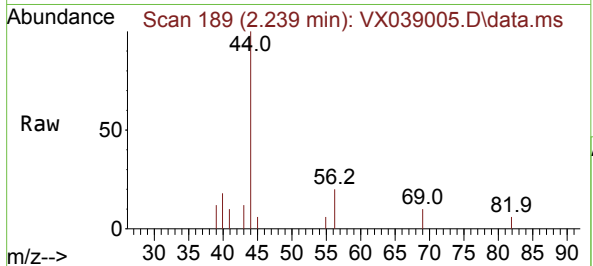




#13
Acrolein
Concen: 0.804 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

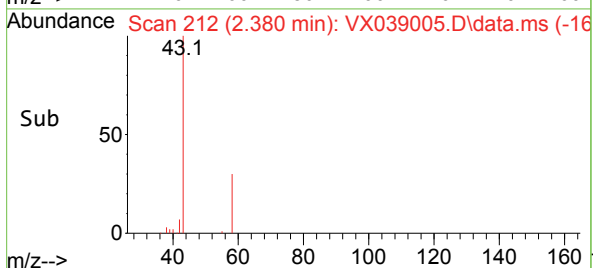
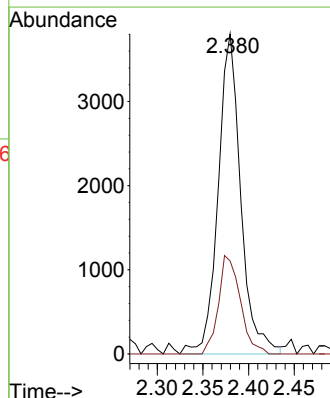
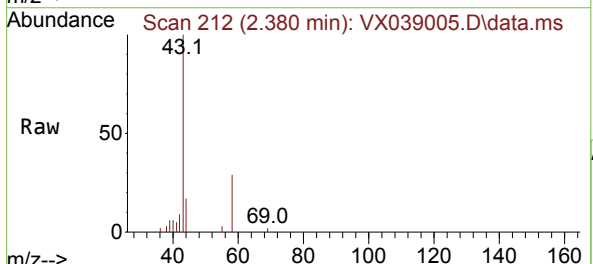
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231114

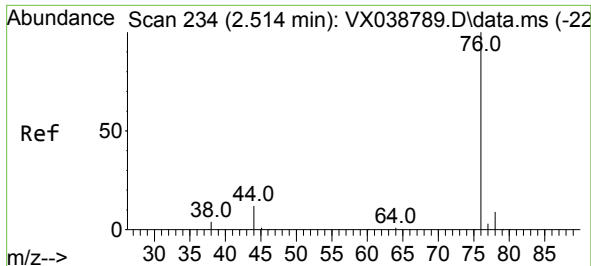
Tgt Ion: 56 Resp: 175
Ion Ratio Lower Upper
56 100
55 60.0 57.1 85.7



#16
Acetone
Concen: 8.335 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

Tgt Ion: 43 Resp: 6564
Ion Ratio Lower Upper
43 100
58 29.1 21.9 32.9





#17

Carbon Disulfide

Concen: 0.242 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039005.D

Acq: 22 Nov 2023 16:09

Instrument :

MSVOA_X

ClientSampleId :

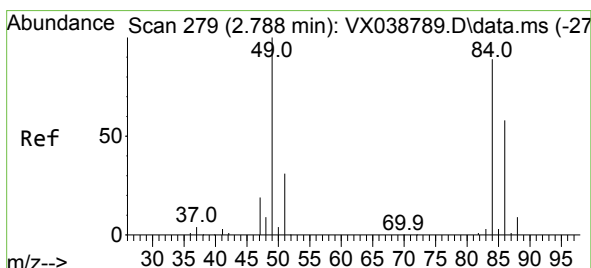
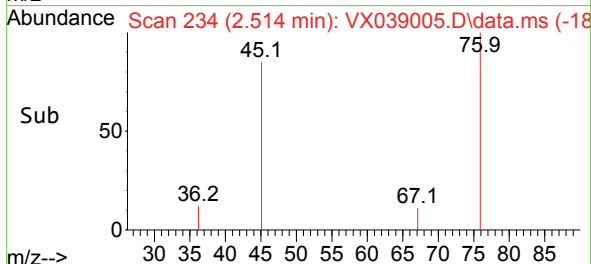
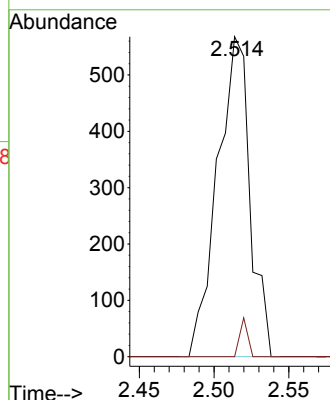
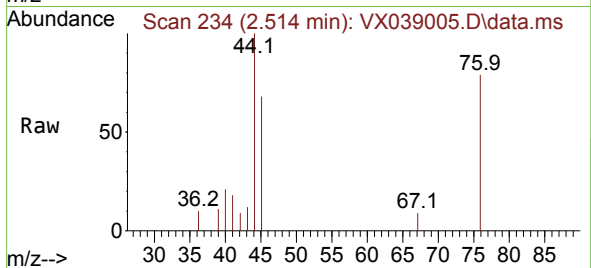
FB-01-20231114

Tgt Ion: 76 Resp: 859

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 1.567 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039005.D

Acq: 22 Nov 2023 16:09

Tgt Ion: 84 Resp: 2224

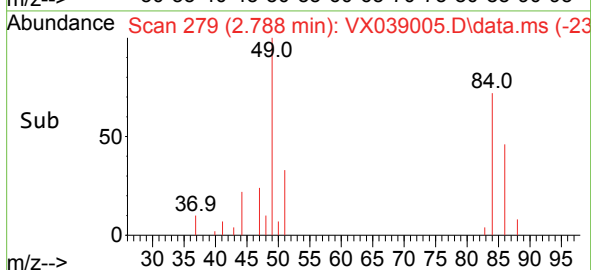
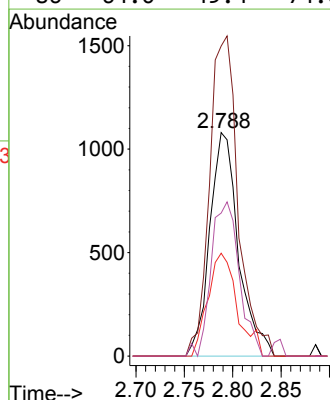
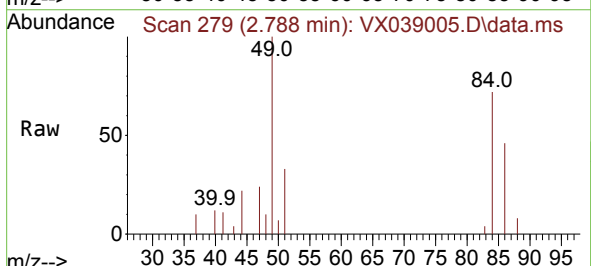
Ion Ratio Lower Upper

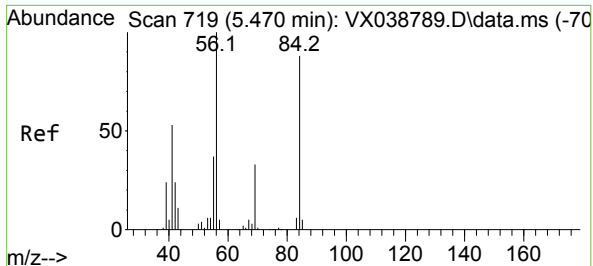
84 100

49 138.7 103.6 155.4

51 46.0 33.8 50.6

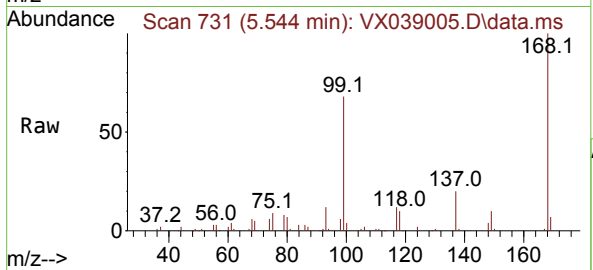
86 64.0 49.4 74.0



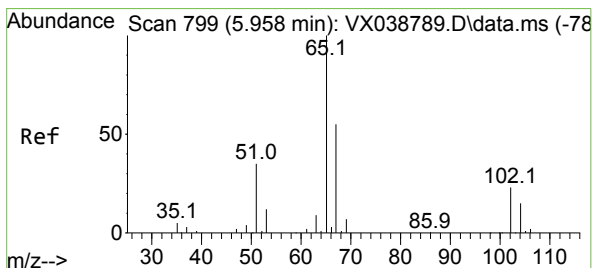
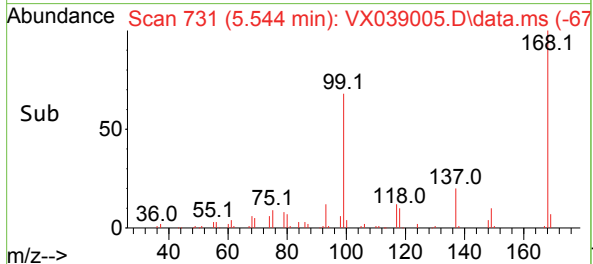
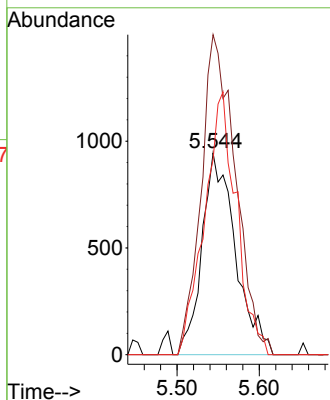


#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231114

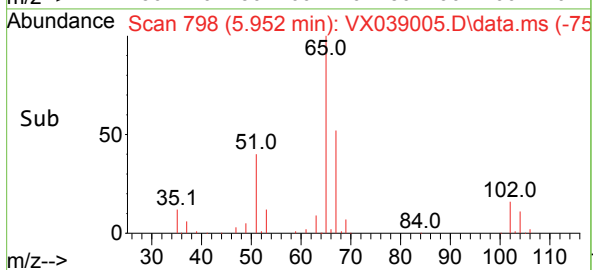
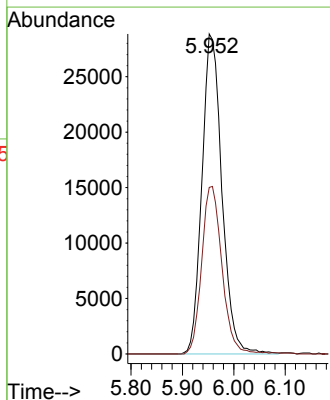
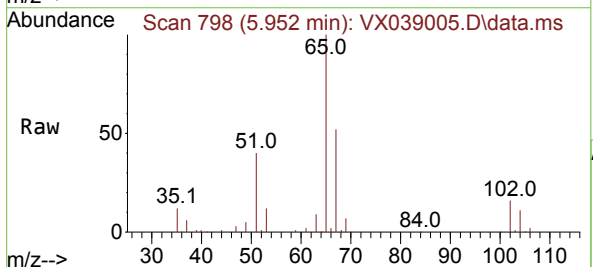


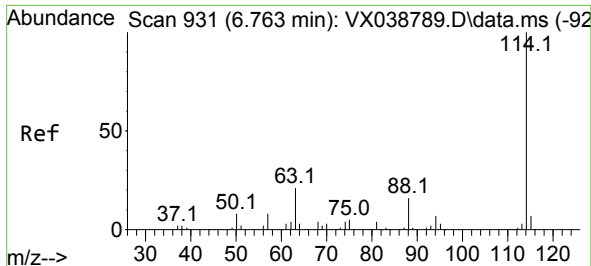
Tgt Ion: 56 Resp: 2667
Ion Ratio Lower Upper
56 100
69 158.6 23.4 35.2#
84 96.6 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 52.650 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

Tgt Ion: 65 Resp: 77885
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

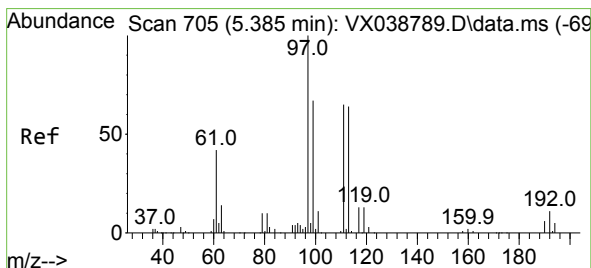
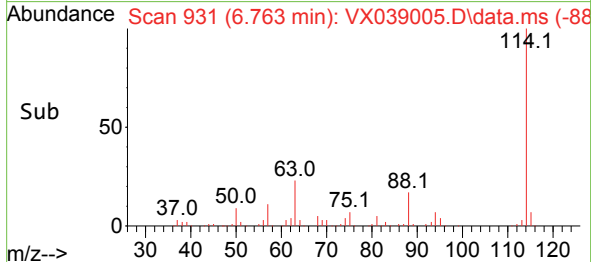
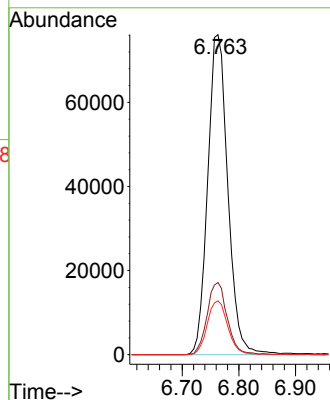
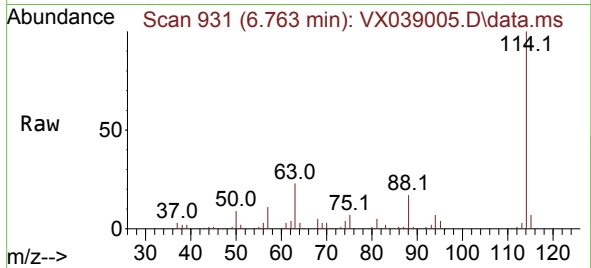




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

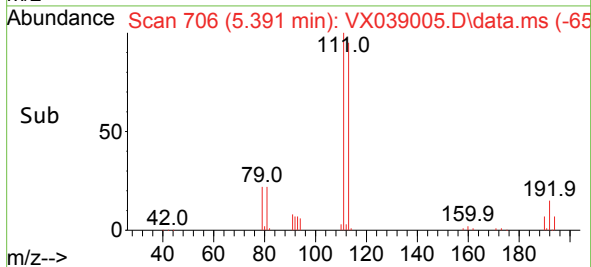
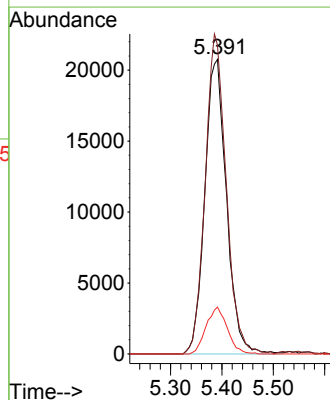
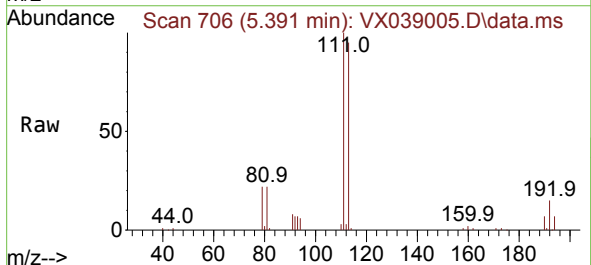
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231114

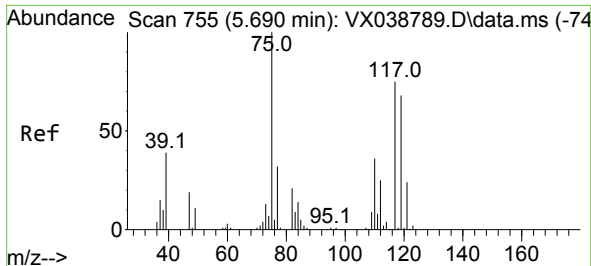
Tgt Ion:114 Resp: 187400
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.007 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

Tgt Ion:113 Resp: 60915
Ion Ratio Lower Upper
113 100
111 104.9 82.9 124.3
192 15.6 13.3 19.9

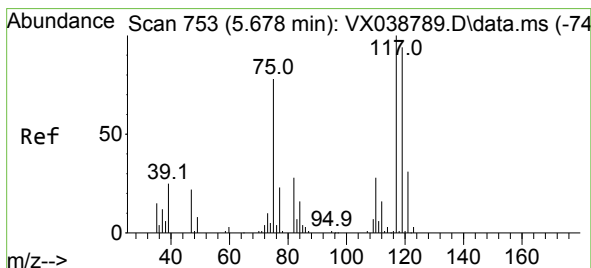
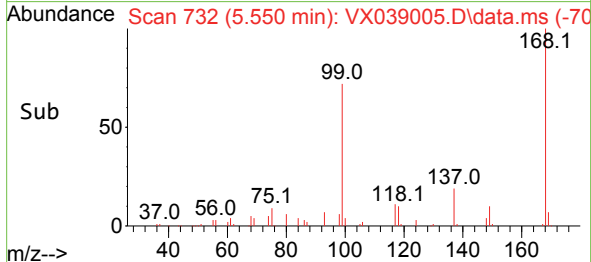
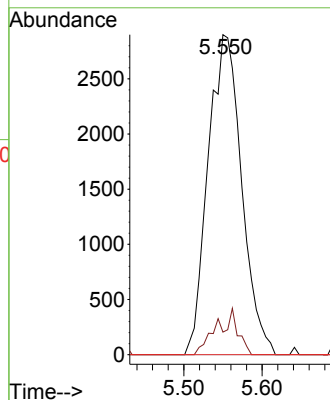
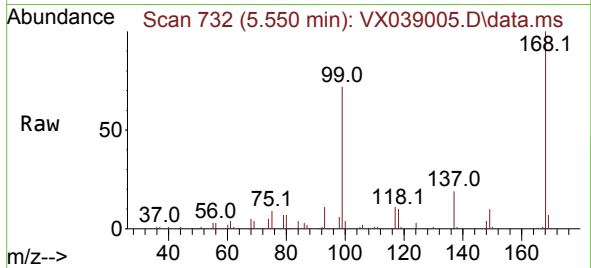




#36
1,1-Dichloropropene
Concen: 4.445 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

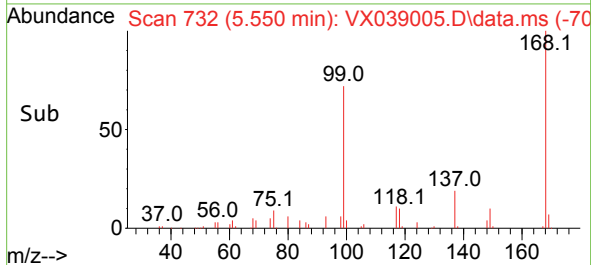
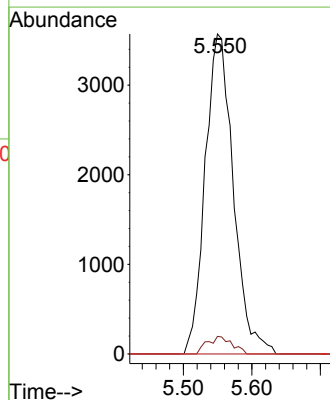
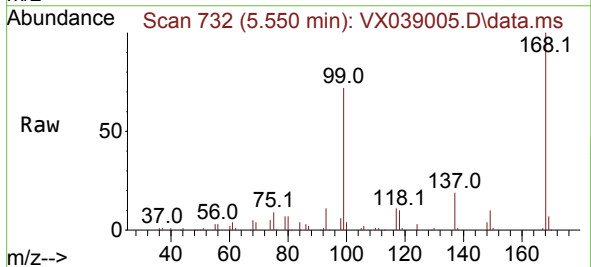
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FB-01-20231114

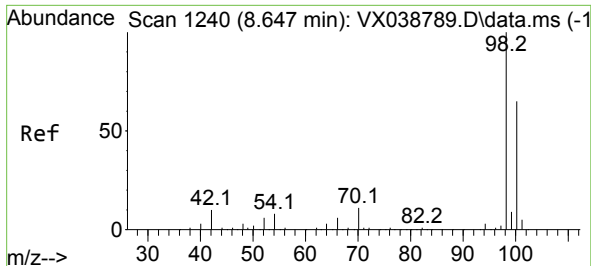
Tgt Ion: 75 Resp: 8622
Ion Ratio Lower Upper
75 100
110 4.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.682 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

Tgt Ion: 117 Resp: 10187
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

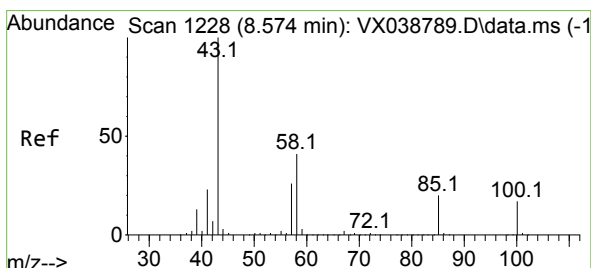
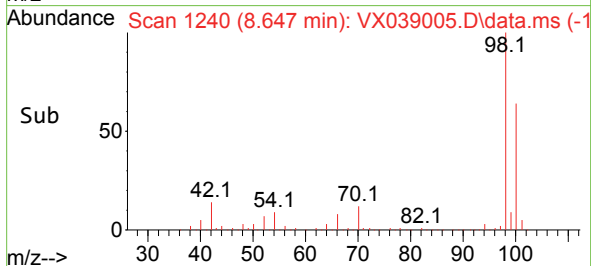
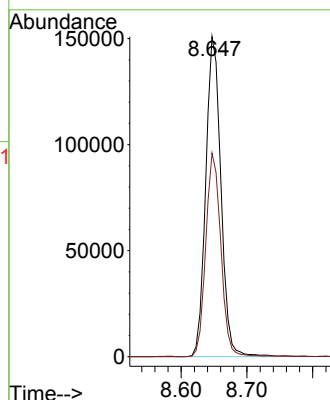
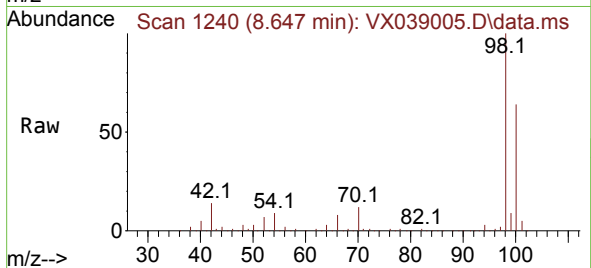




#50
Toluene-d8
Concen: 46.882 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

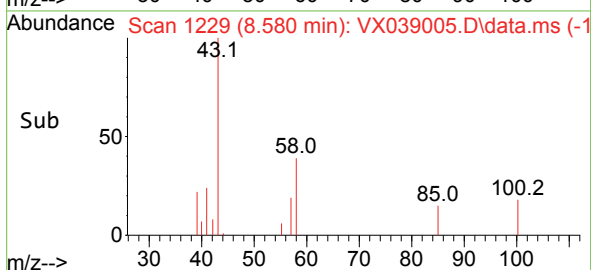
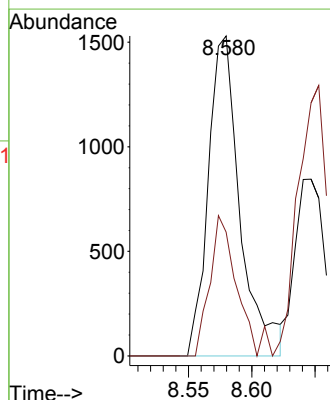
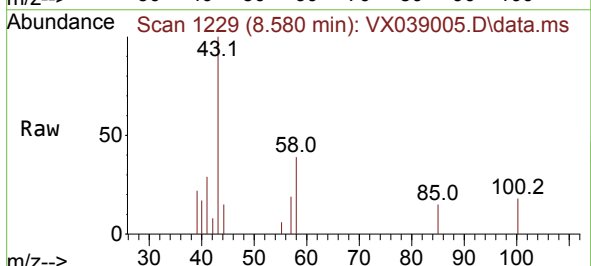
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231114

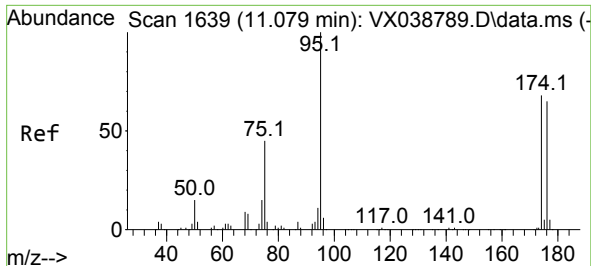
Tgt Ion: 98 Resp: 242773
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.037 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

Tgt Ion: 43 Resp: 2676
Ion Ratio Lower Upper
43 100
58 35.7 30.4 45.6

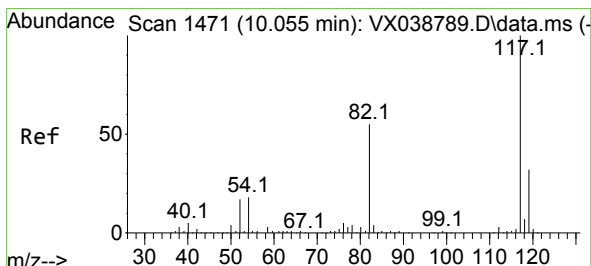
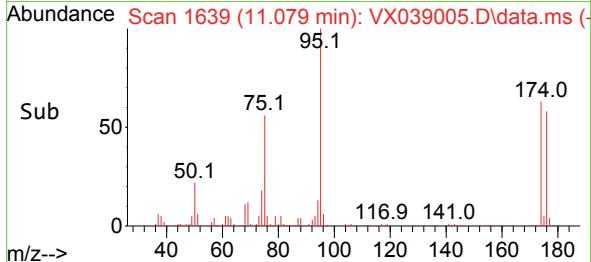
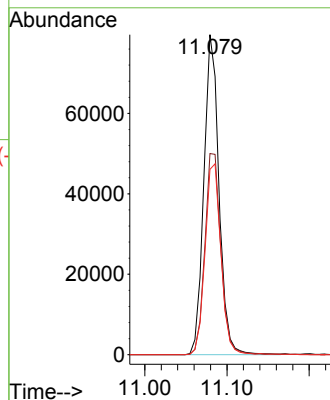
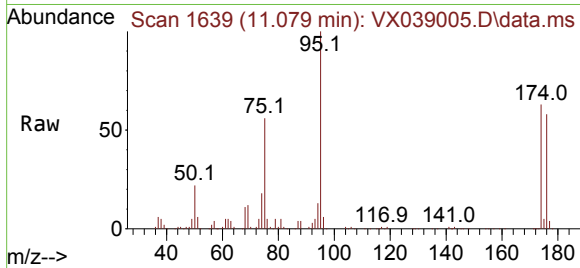




#62
4-Bromofluorobenzene
Concen: 49.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

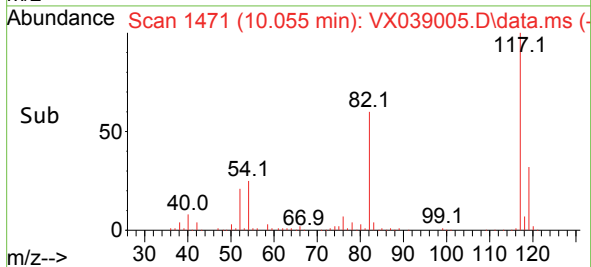
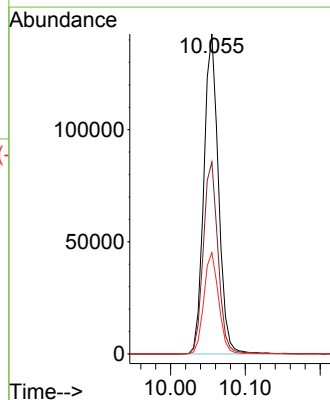
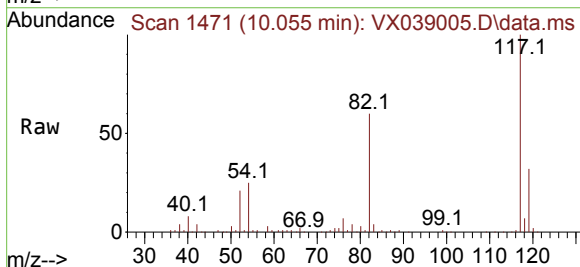
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231114

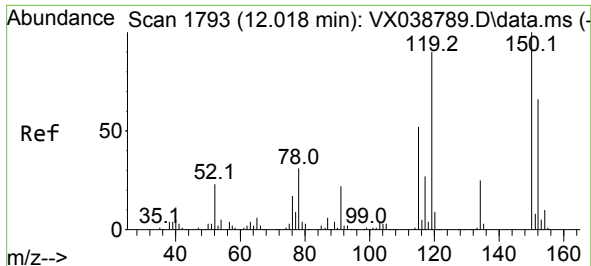
Tgt Ion: 95 Resp: 101805
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.6
176 62.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

Tgt Ion: 117 Resp: 193504
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 31.7 25.5 38.3

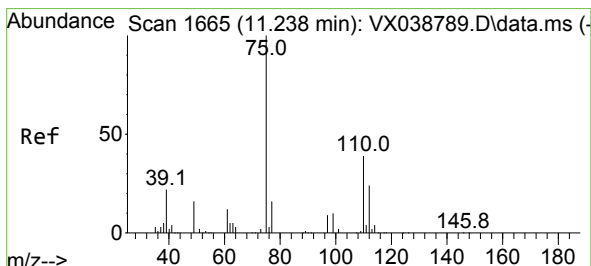
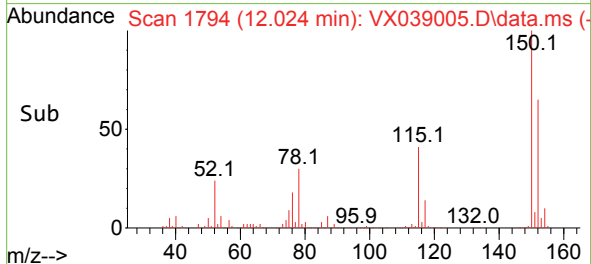
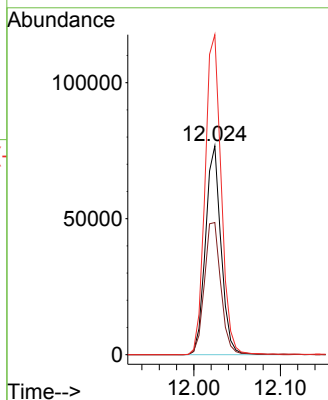
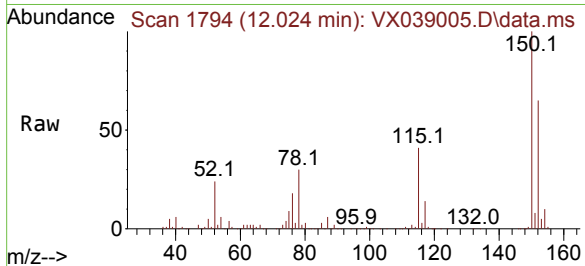




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

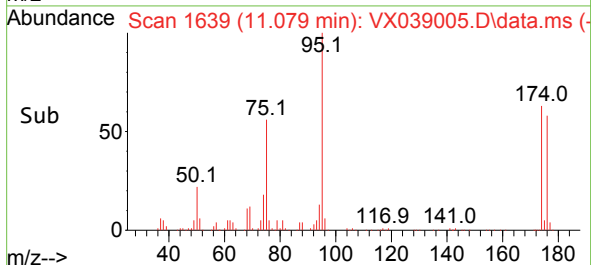
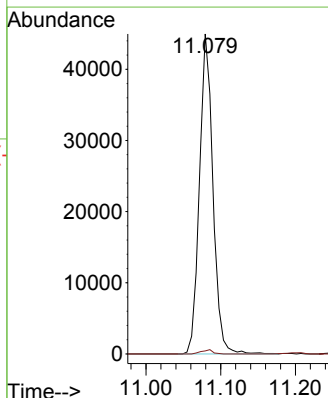
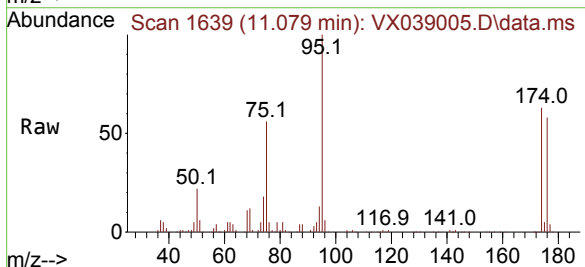
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231114

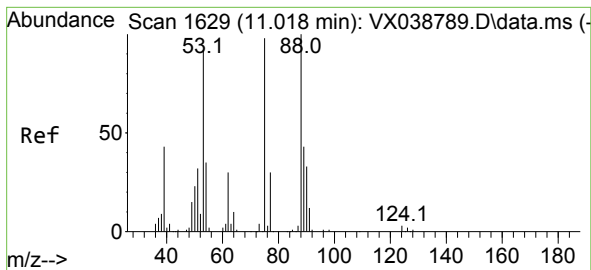
Tgt Ion:152 Resp: 95736
Ion Ratio Lower Upper
152 100
115 67.0 43.3 129.9
150 158.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.573 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039005.D
Acq: 22 Nov 2023 16:09

Tgt Ion: 75 Resp: 56307
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.288 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039005.D
 Acq: 22 Nov 2023 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-20231114

Tgt Ion: 75 Resp: 56307
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

