

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035015.D
 Acq On : 11 Apr 2023 17:30
 Operator : JC/MD
 Sample : 02272-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-040623

Quant Time: Apr 12 05:52:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

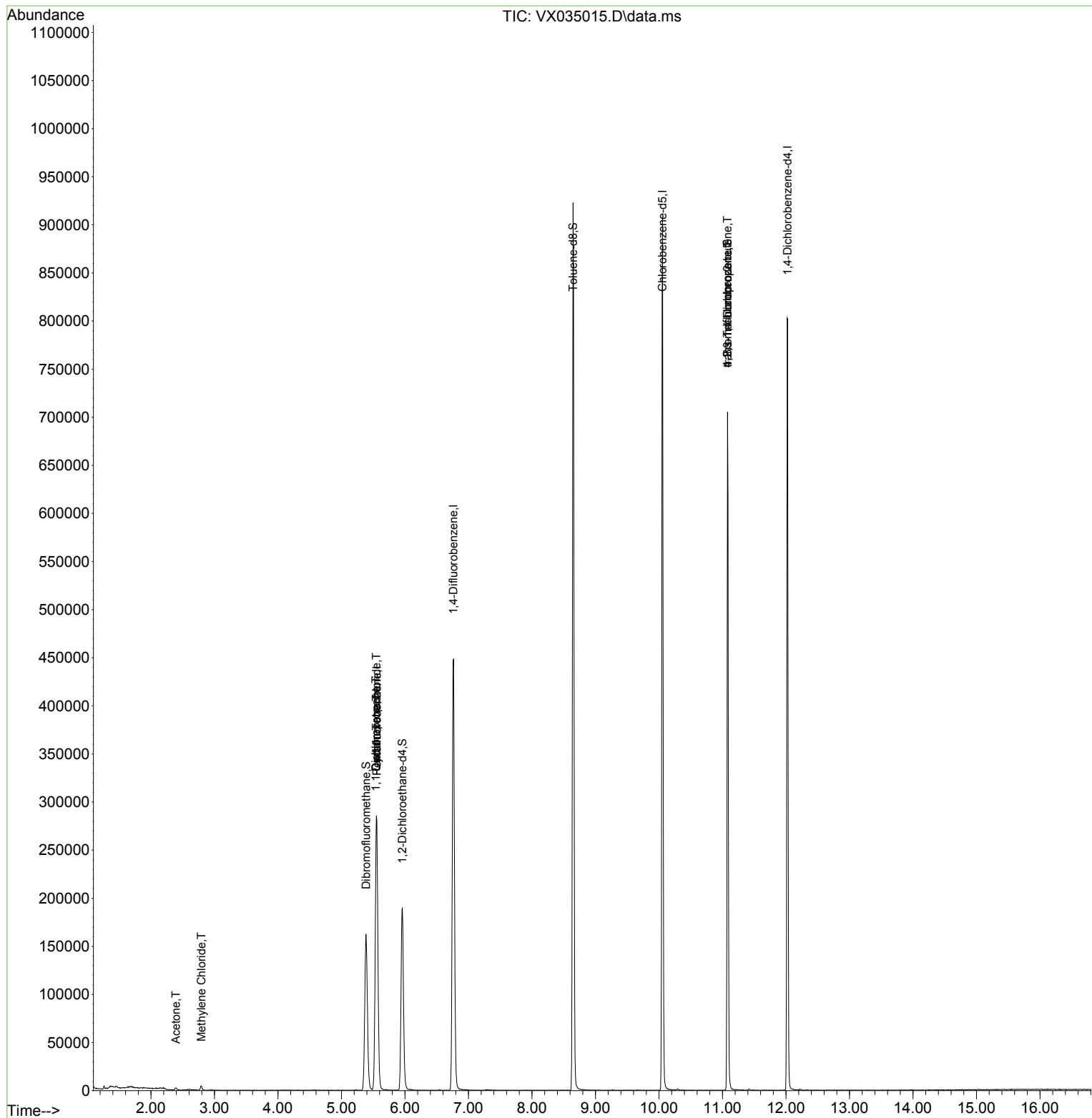
Internal Standards						
1) Pentafluorobenzene	5.556	168	261068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	449499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	190350	47.675	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.360%		
35) Dibromofluoromethane	5.385	113	141291	47.523	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.040%		
50) Toluene-d8	8.647	98	538205	49.045	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.079	95	194702	45.849	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.700%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	3021	1.863	ug/l #	87
20) Methylene Chloride	2.794	84	1912	0.597	ug/l #	90
31) Cyclohexane	5.550	56	6066	1.248	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	21768	4.942	ug/l #	51
38) Carbon Tetrachloride	5.550	117	27565	6.638	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	102128	30.237	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	102128	90.618	ug/l #	8

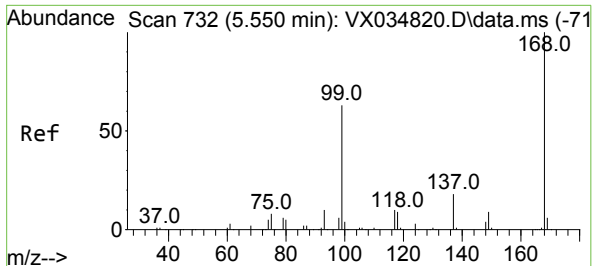
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

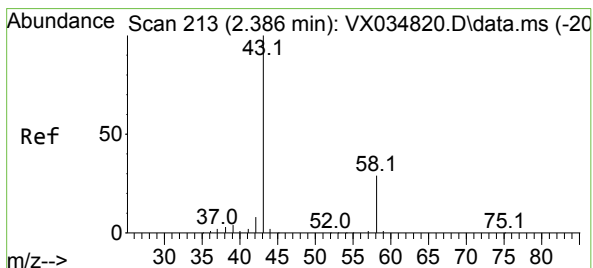
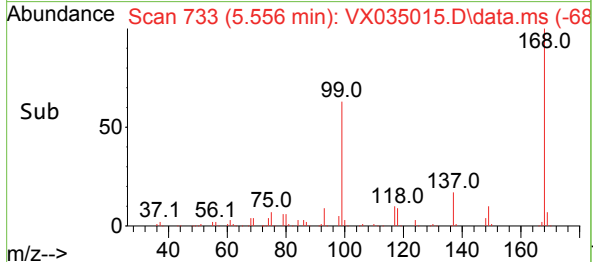
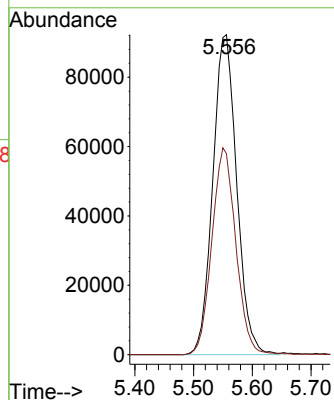
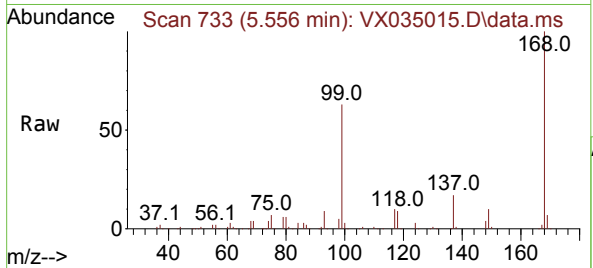




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

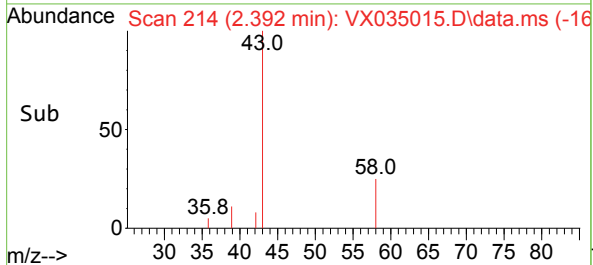
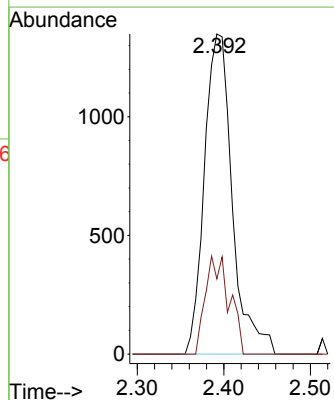
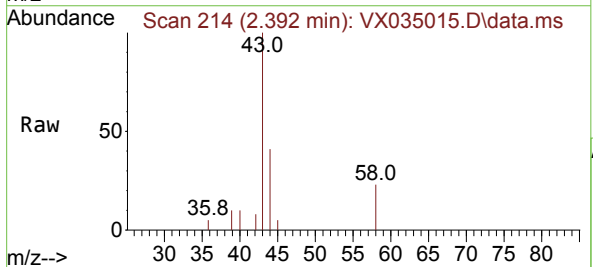
Instrument :
MSVOA_X
ClientSampleId :
FB-040623

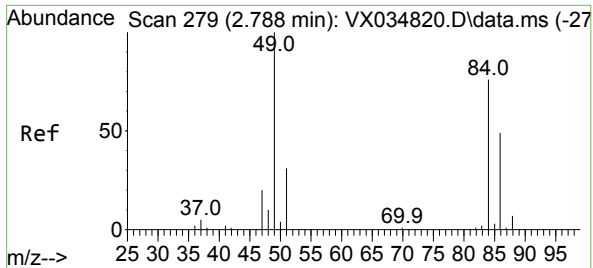
Tgt Ion:168 Resp: 261068
Ion Ratio Lower Upper
168 100
99 62.8 45.7 68.5



#16
Acetone
Concen: 1.863 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

Tgt Ion: 43 Resp: 3021
Ion Ratio Lower Upper
43 100
58 23.5 24.7 37.1#

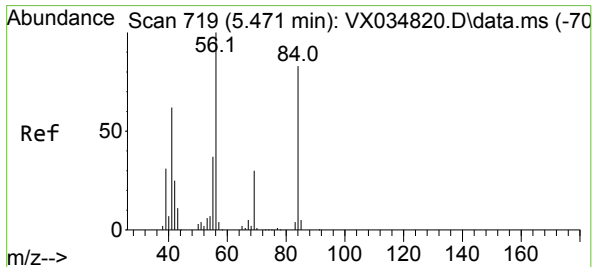
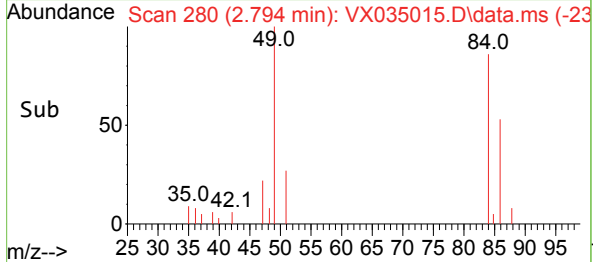
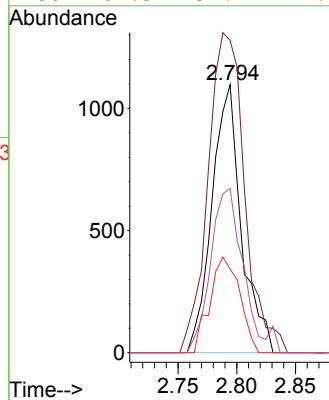
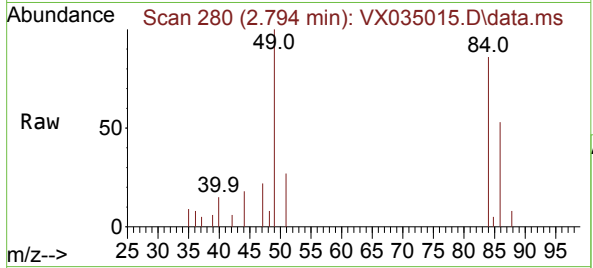




#20
Methylene Chloride
Concen: 0.597 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

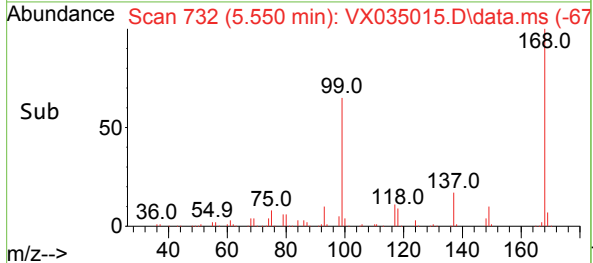
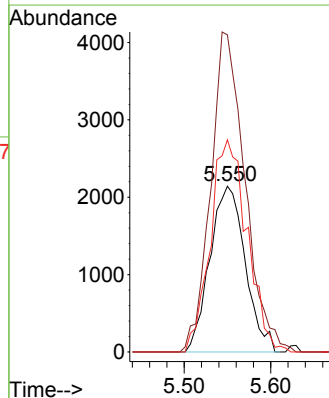
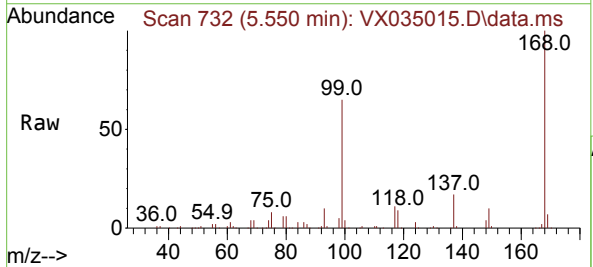
Instrument :
MSVOA_X
ClientSampleId :
FB-040623

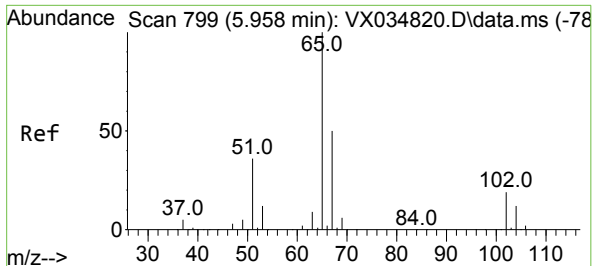
Tgt Ion:	84	Resp:	1912
Ion	Ratio	Lower	Upper
84	100		
49	116.5	103.8	155.8
51	31.2	31.8	47.8#
86	61.3	51.4	77.2



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

Tgt Ion:	56	Resp:	6066
Ion	Ratio	Lower	Upper
56	100		
69	191.4	23.7	35.5#
84	128.1	68.5	102.7#

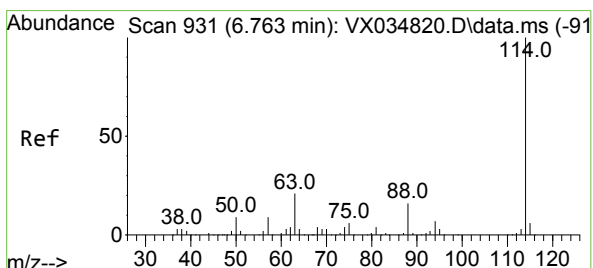
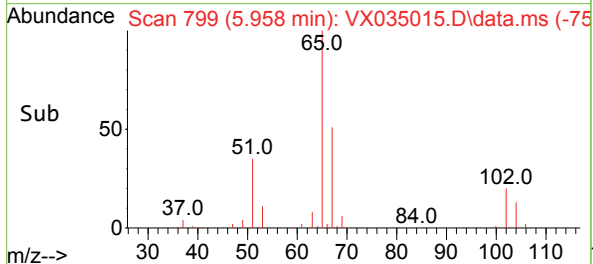
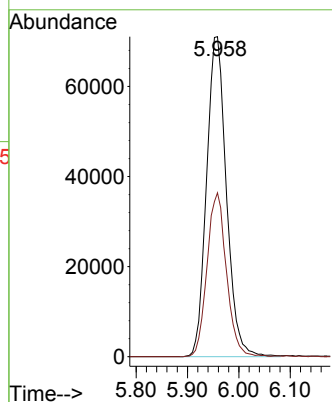
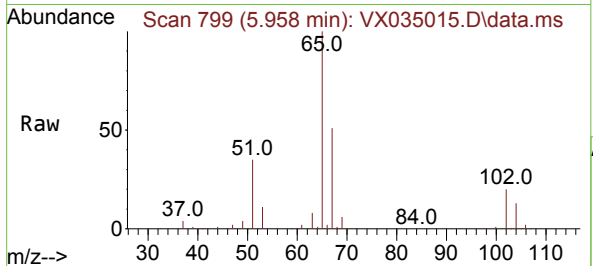




#33
1,2-Dichloroethane-d4
Concen: 47.675 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

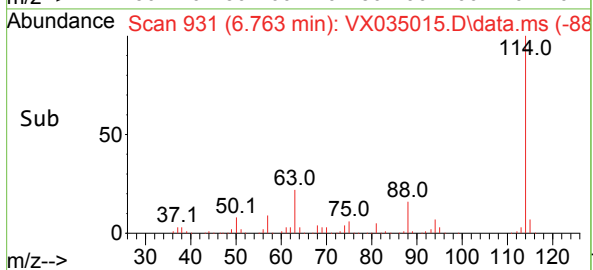
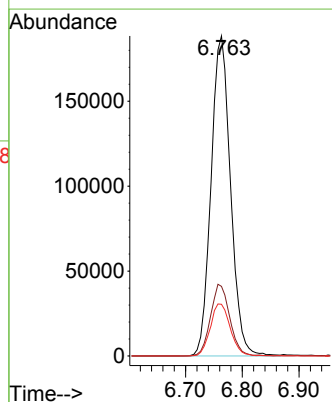
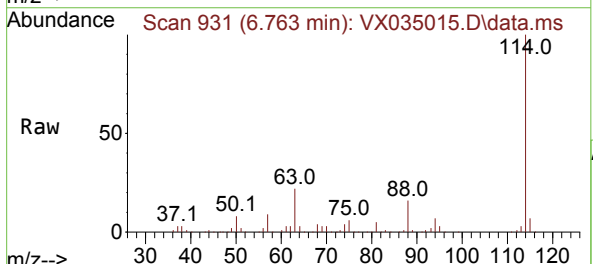
Instrument :
MSVOA_X
ClientSampleId :
FB-040623

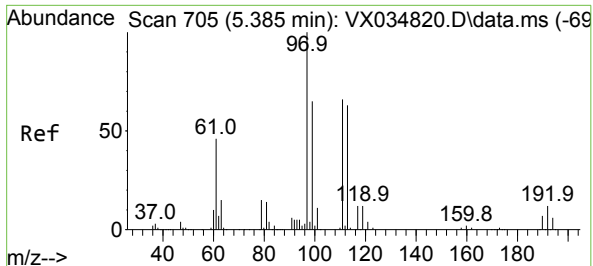
Tgt Ion: 65 Resp: 190350
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

Tgt Ion: 114 Resp: 449499
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.2
88 16.2 0.0 33.2

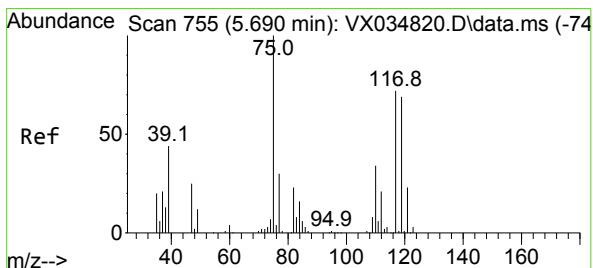
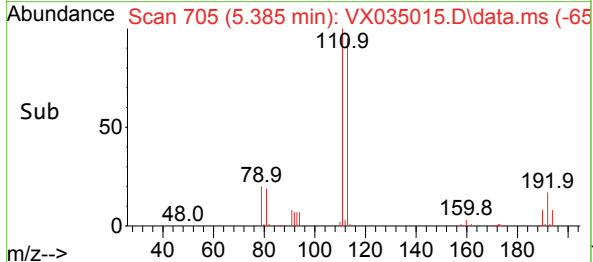
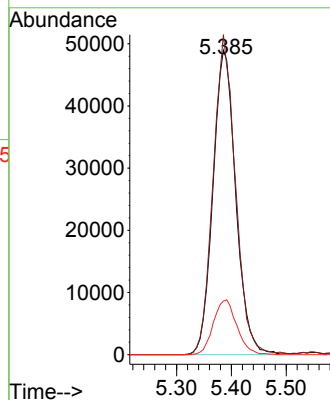
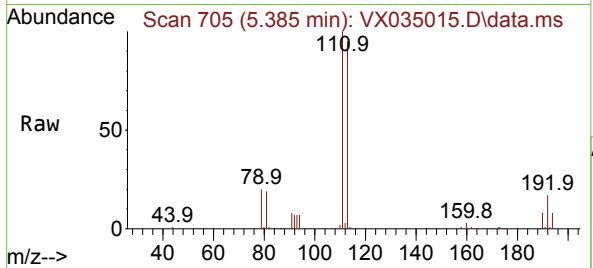




#35
Dibromofluoromethane
Concen: 47.523 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

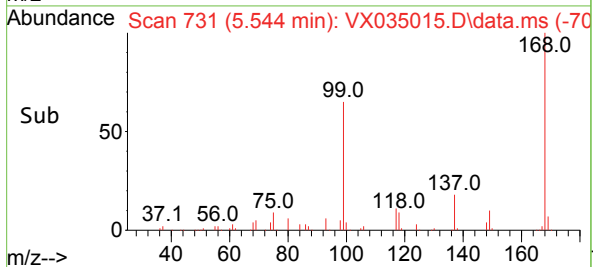
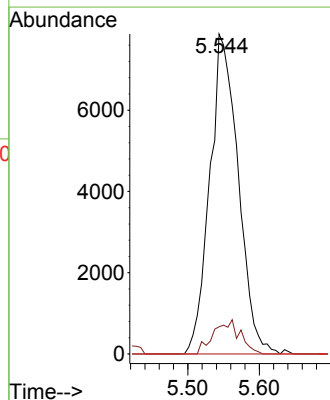
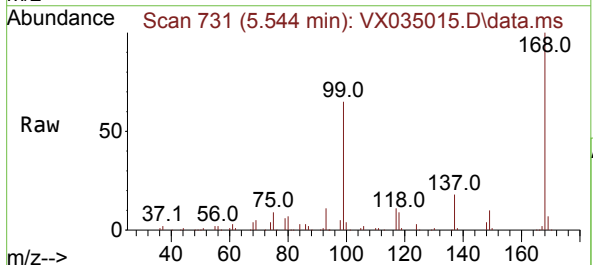
Instrument :
MSVOA_X
ClientSampleId :
FB-040623

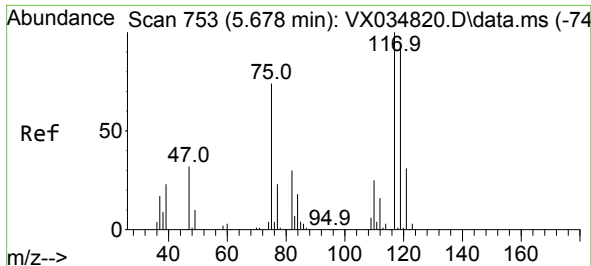
Tgt Ion:113 Resp: 141291
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 18.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

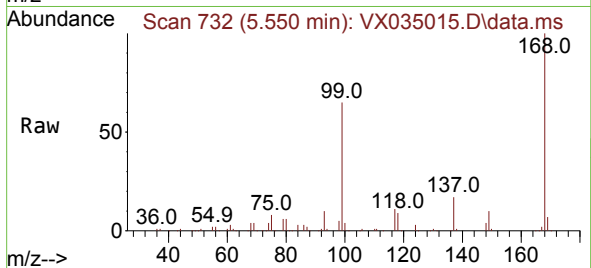
Tgt Ion: 75 Resp: 21768
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



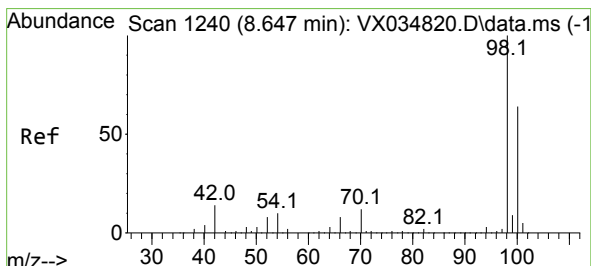
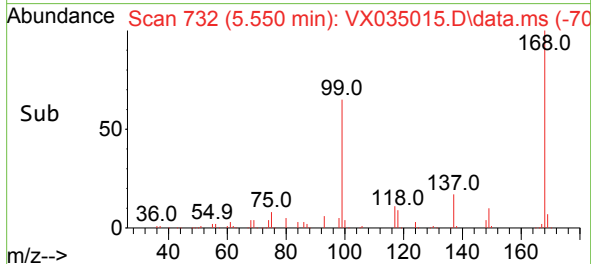
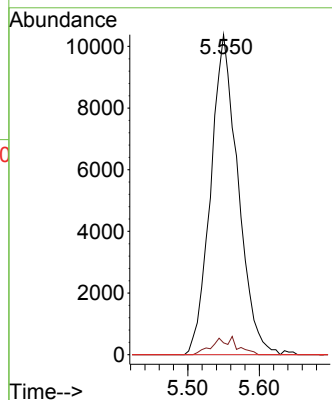


#38
Carbon Tetrachloride
Concen: 6.638 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
FB-040623

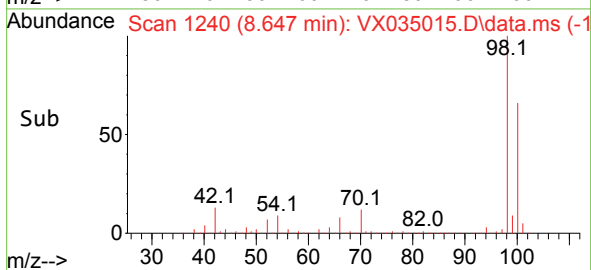
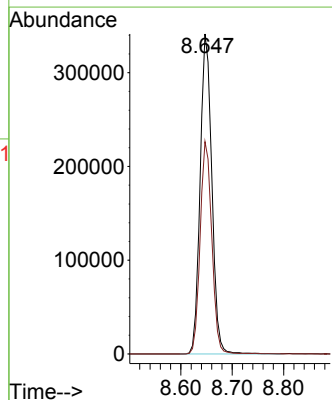
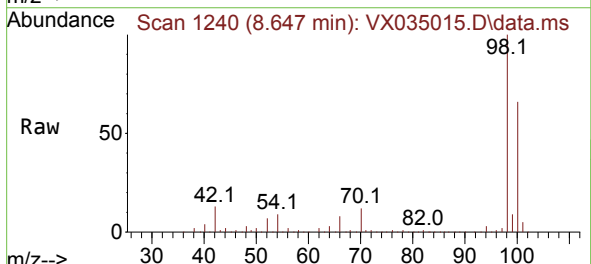


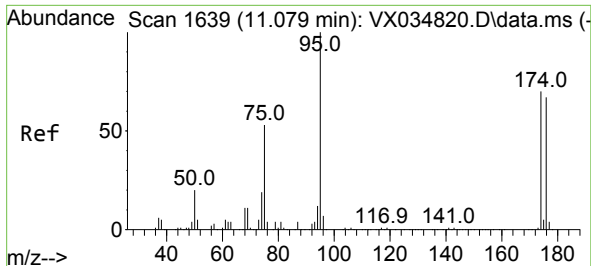
Tgt Ion:117 Resp: 27565
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.045 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

Tgt Ion: 98 Resp: 538205
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

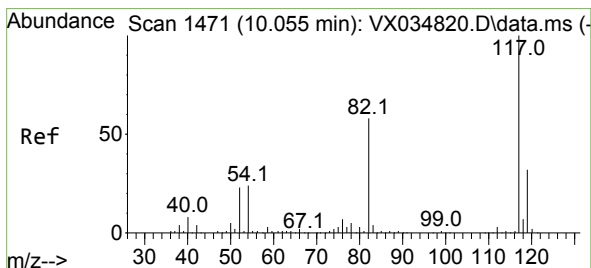
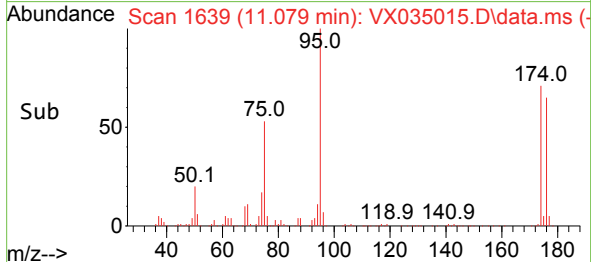
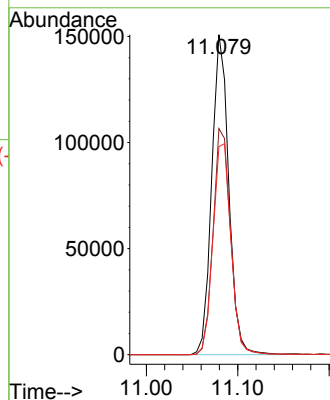
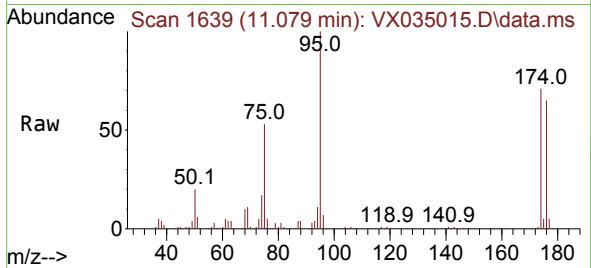




#62
4-Bromofluorobenzene
Concen: 45.849 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

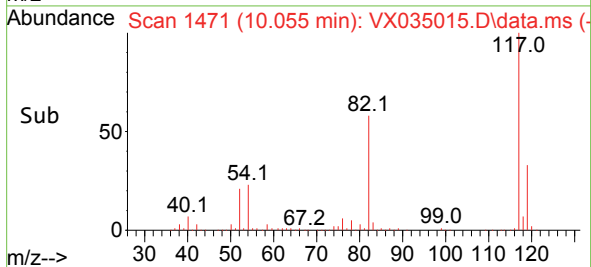
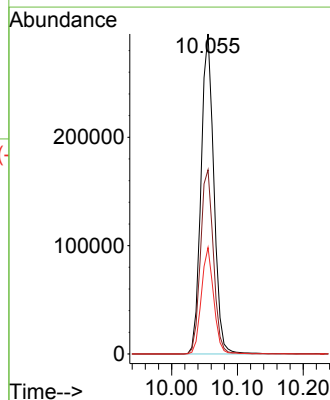
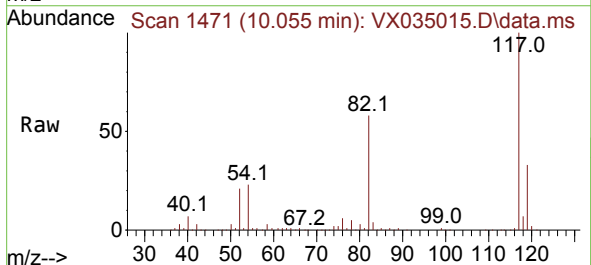
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ClientSampleId :
FB-040623

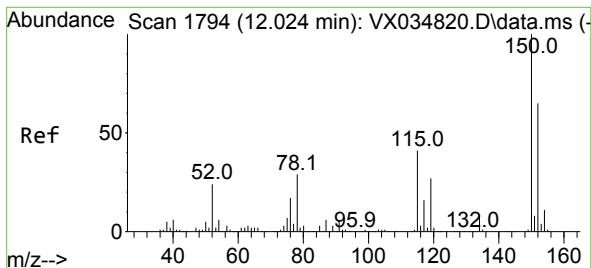
Tgt Ion: 95 Resp: 194702
Ion Ratio Lower Upper
95 100
174 73.1 0.0 147.4
176 69.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

Tgt Ion: 117 Resp: 400847
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 33.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035015.D

Acq: 11 Apr 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

FB-040623

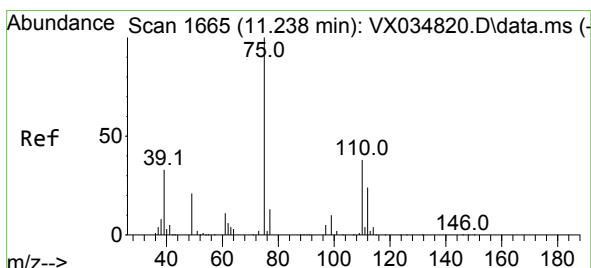
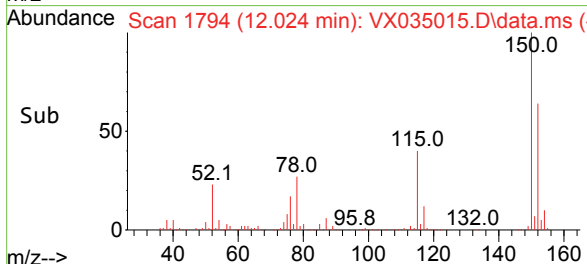
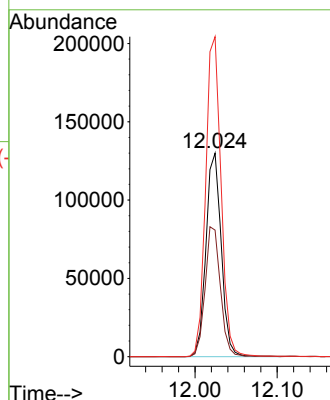
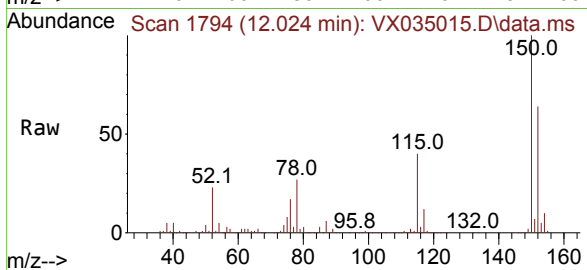
Tgt Ion:152 Resp: 167629

Ion Ratio Lower Upper

152 100

115 64.0 45.0 135.0

150 158.8 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 30.237 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035015.D

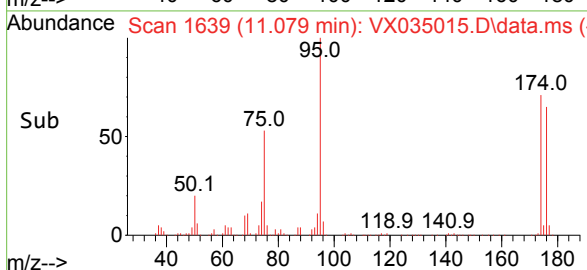
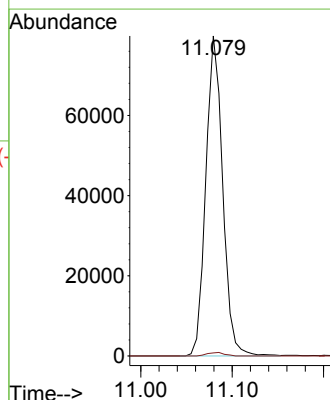
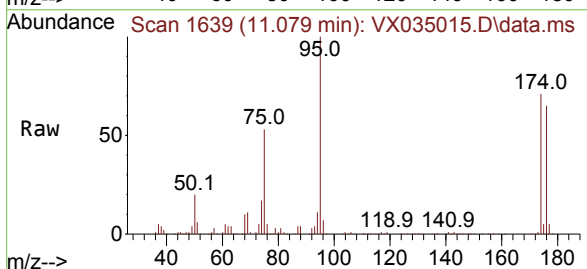
Acq: 11 Apr 2023 17:30

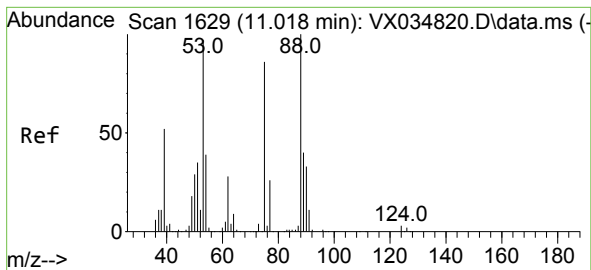
Tgt Ion: 75 Resp: 102128

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.618 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX035015.D
 Acq: 11 Apr 2023 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-040623

Tgt Ion: 75 Resp: 102128
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

