

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035013.D
 Acq On : 11 Apr 2023 16:44
 Operator : JC/MD
 Sample : 02271-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-040723

Quant Time: Apr 12 05:51:59 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

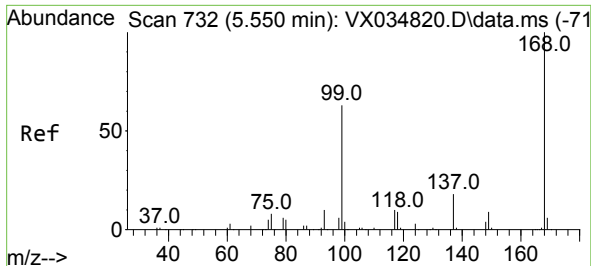
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	274970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	471612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195791	46.559	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.120%
35) Dibromofluoromethane	5.385	113	147992	47.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	8.647	98	561460	48.765	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	200270	44.949	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.900%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	3231	1.891	ug/l	90
20) Methylene Chloride	2.794	84	1464	0.434	ug/l #	67
31) Cyclohexane	5.550	56	6226	1.216	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	22760	4.925	ug/l #	51
38) Carbon Tetrachloride	5.550	117	30568	7.016	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2873	0.600	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	105969	30.180	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	105969	90.446	ug/l #	8

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

Quant Time: Apr 12 05:51:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
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QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

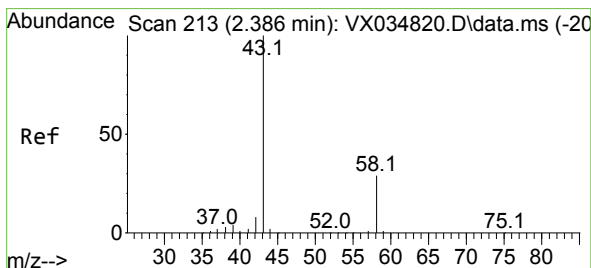
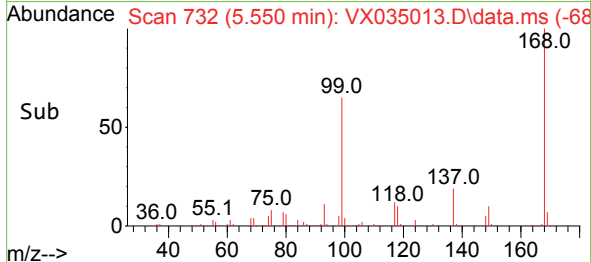
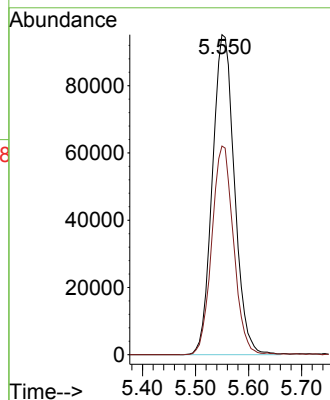
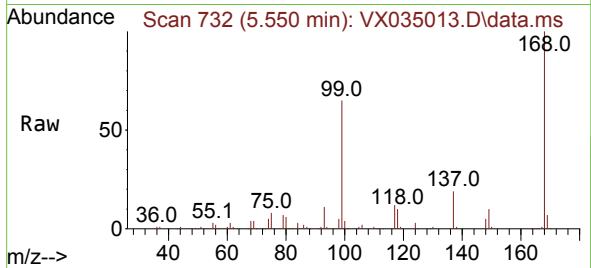




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

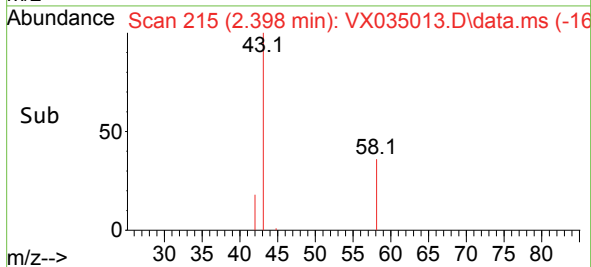
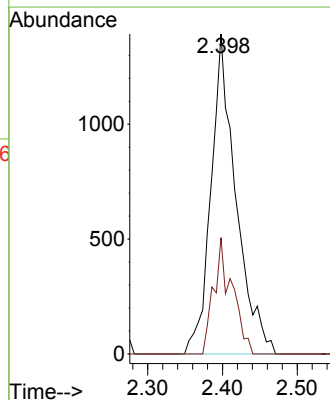
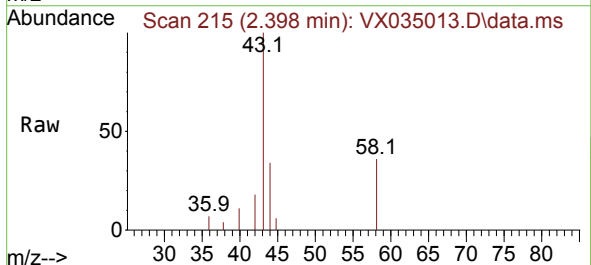
Instrument :
MSVOA_X
ClientSampleId :
FB-040723

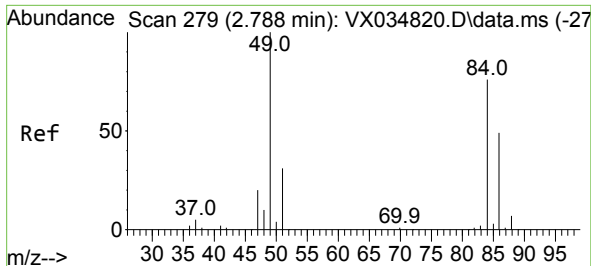
Tgt Ion:168 Resp: 274970
Ion Ratio Lower Upper
168 100
99 65.2 45.7 68.5



#16
Acetone
Concen: 1.891 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Tgt Ion: 43 Resp: 3231
Ion Ratio Lower Upper
43 100
58 36.3 24.7 37.1

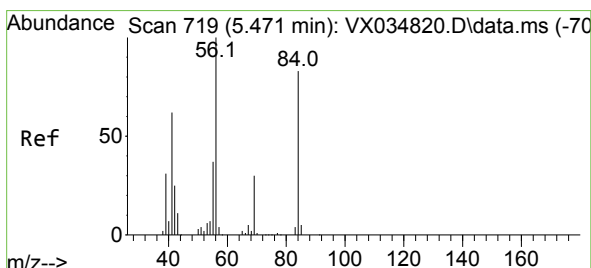
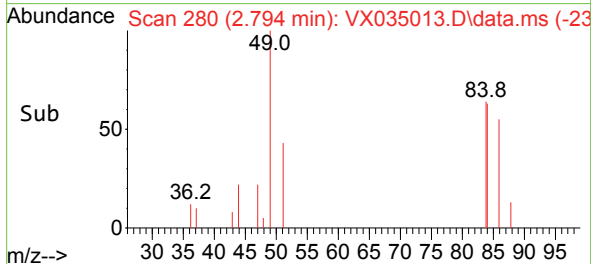
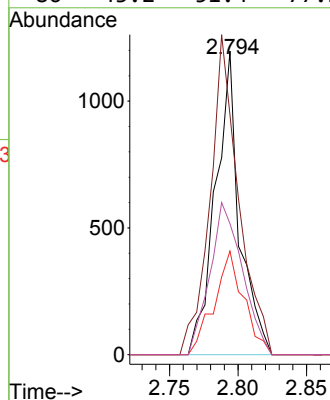
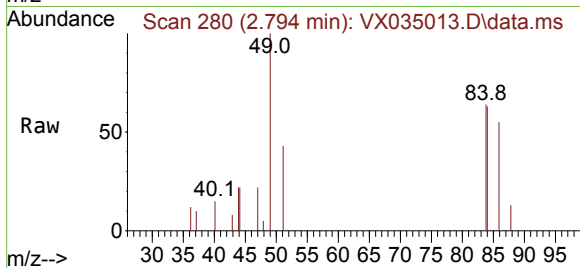




#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

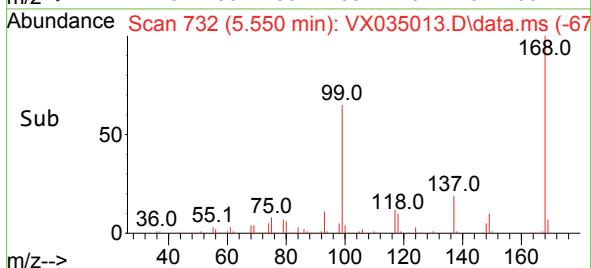
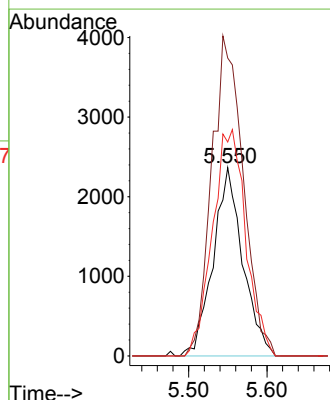
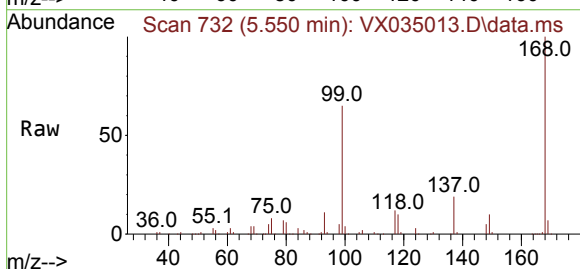
Instrument :
MSVOA_X
ClientSampleId :
FB-040723

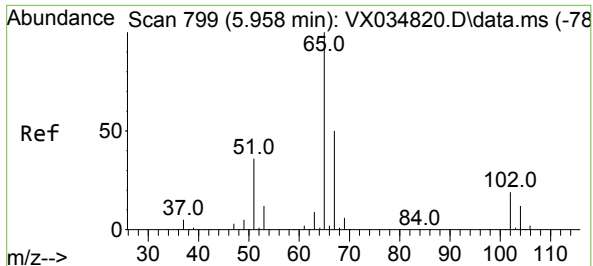
Tgt Ion:	84	Resp:	1464
Ion	Ratio	Lower	Upper
84	100		
49	79.0	103.8	155.8#
51	34.1	31.8	47.8
86	43.2	51.4	77.2#



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Tgt Ion:	56	Resp:	6226
Ion	Ratio	Lower	Upper
56	100		
69	158.3	23.7	35.5#
84	113.7	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 46.559 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035013.D

Acq: 11 Apr 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

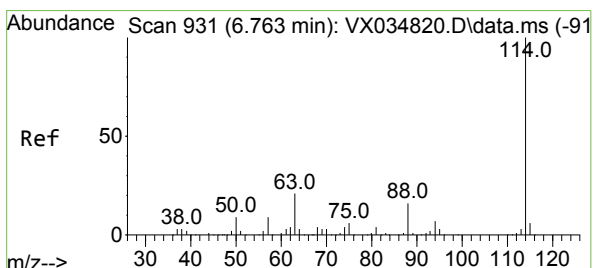
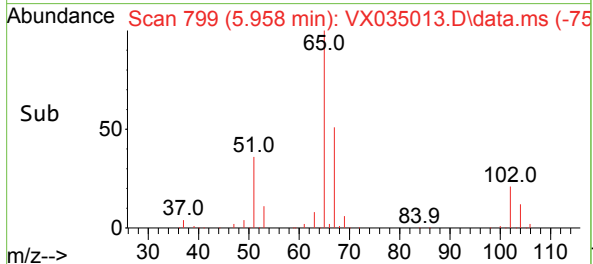
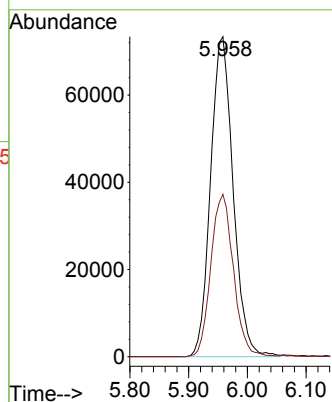
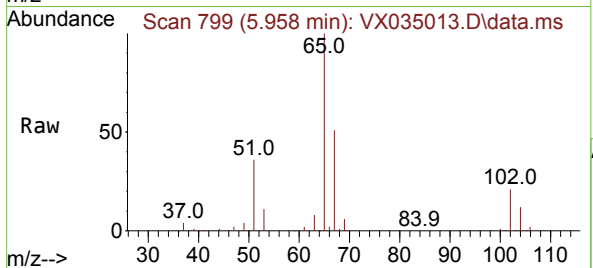
FB-040723

Tgt Ion: 65 Resp: 195791

Ion Ratio Lower Upper

65 100

67 50.8 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: VX035013.D

Acq: 11 Apr 2023 16:44

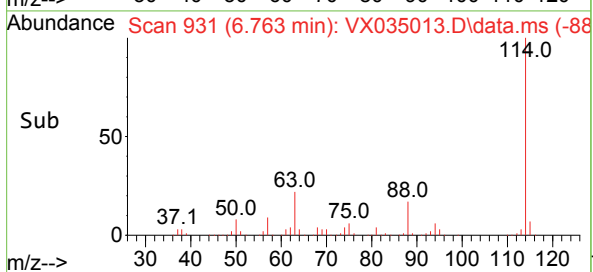
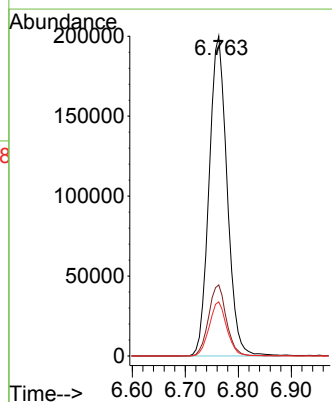
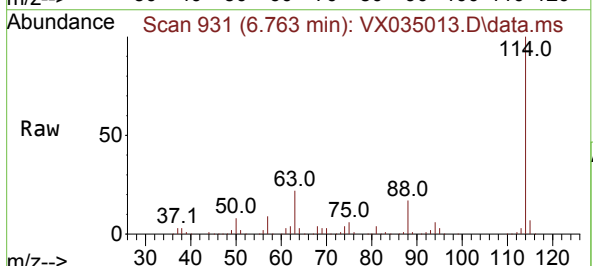
Tgt Ion: 114 Resp: 471612

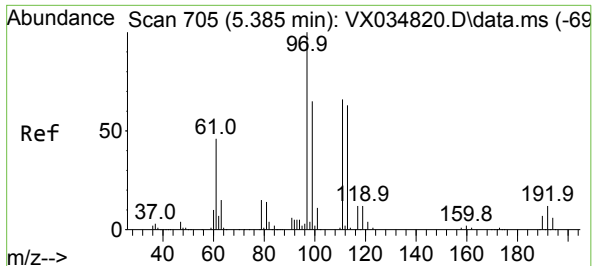
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 16.9 0.0 33.2

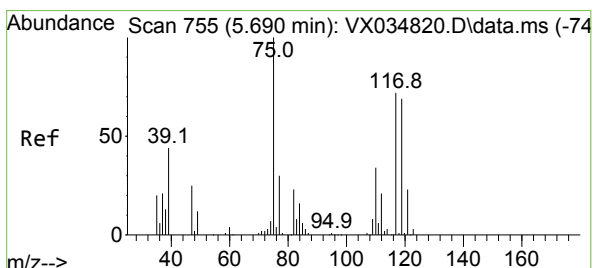
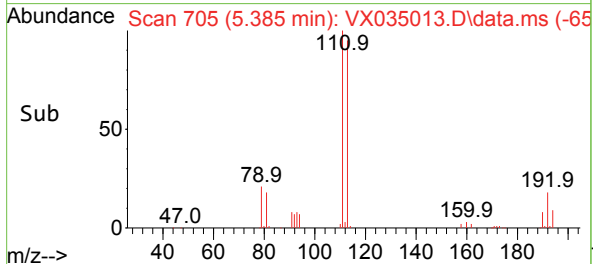
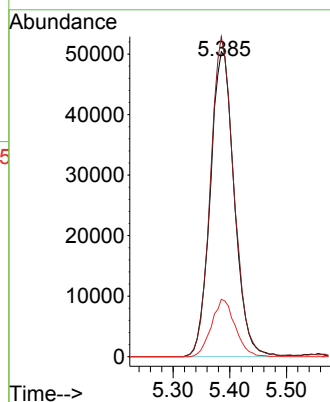
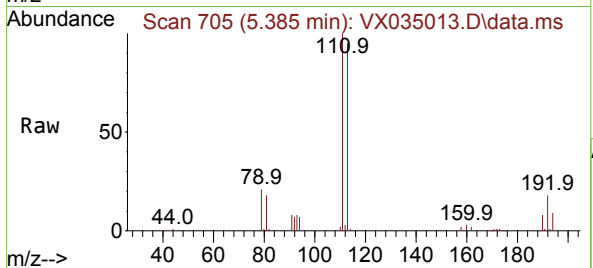




#35
Dibromofluoromethane
Concen: 47.443 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

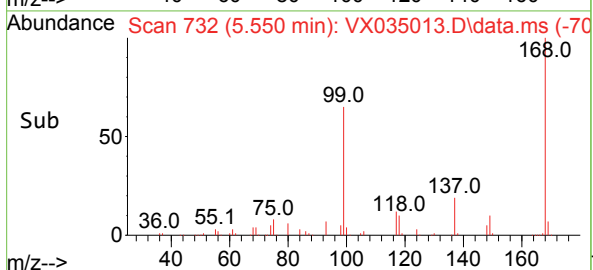
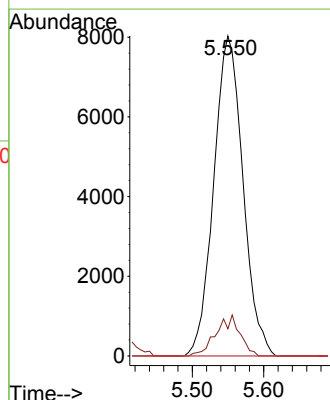
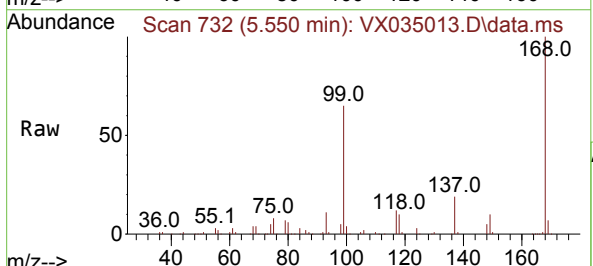
Instrument :
MSVOA_X
ClientSampleId :
FB-040723

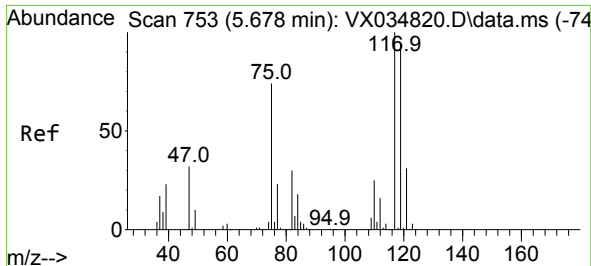
Tgt Ion:113 Resp: 147992
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.925 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

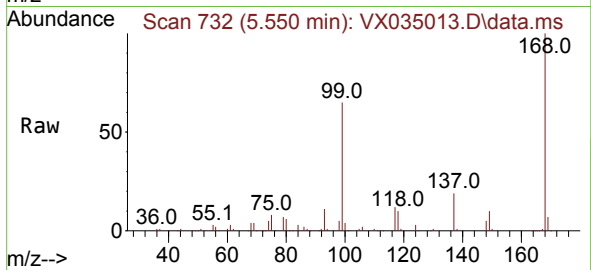
Tgt Ion: 75 Resp: 22760
Ion Ratio Lower Upper
75 100
110 10.4 17.5 52.5#
77 0.0 24.3 36.5#



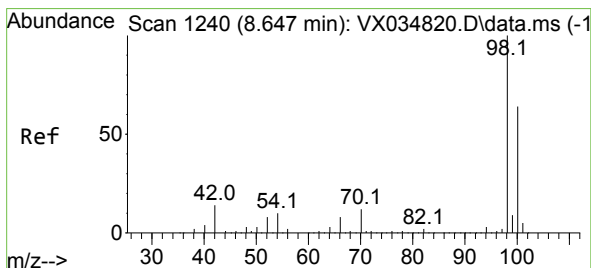
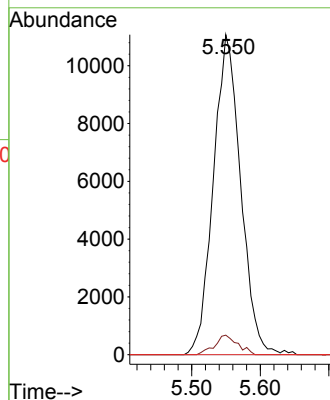
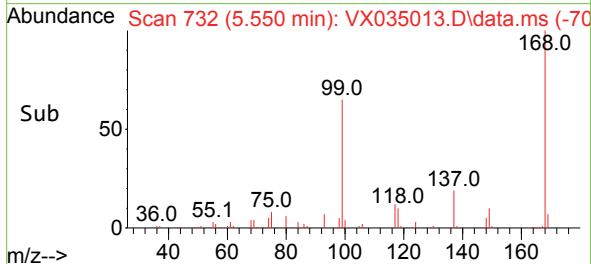


#38
Carbon Tetrachloride
Concen: 7.016 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Instrument :
MSVOA_X
ClientSampleId :
FB-040723

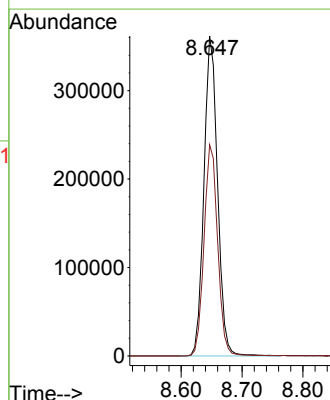
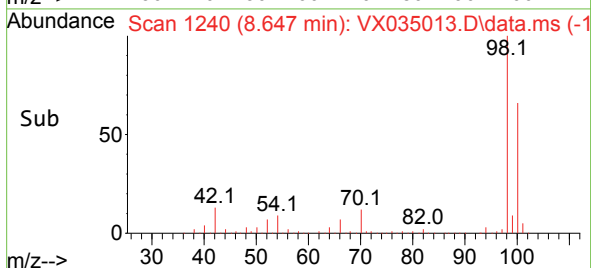
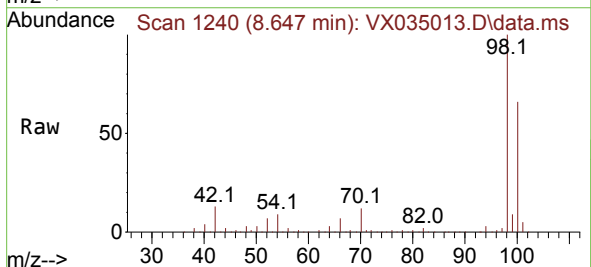


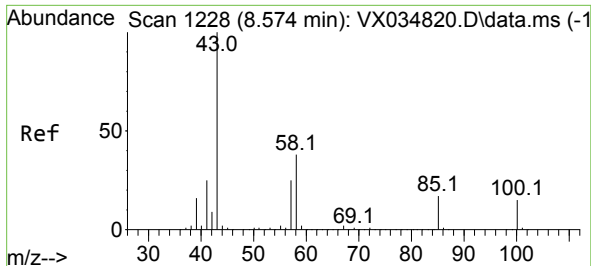
Tgt Ion:117 Resp: 30568
Ion Ratio Lower Upper
117 100
119 6.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.765 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Tgt Ion: 98 Resp: 561460
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

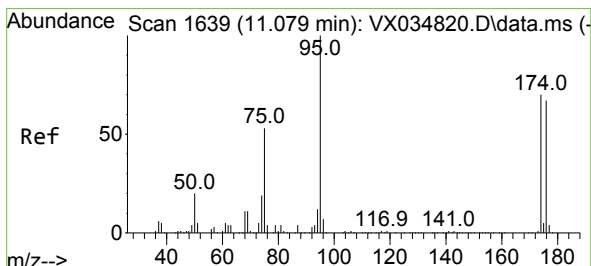
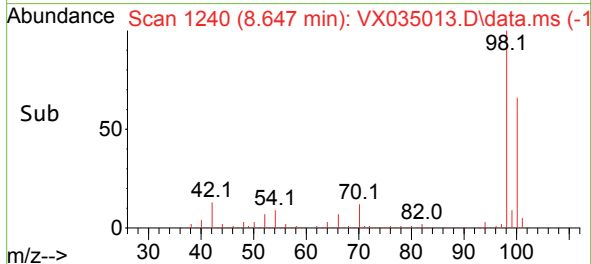
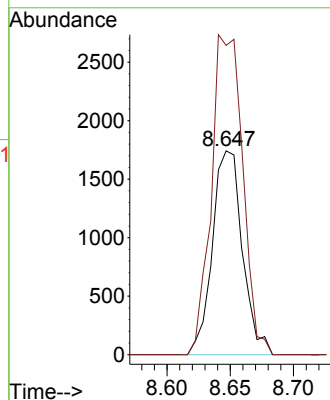
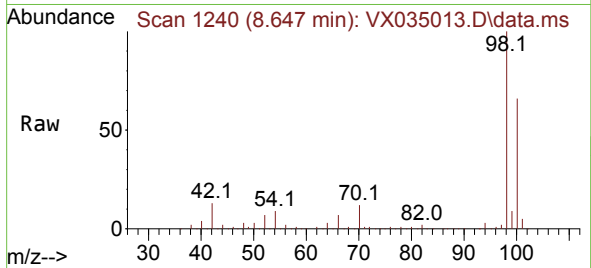




#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

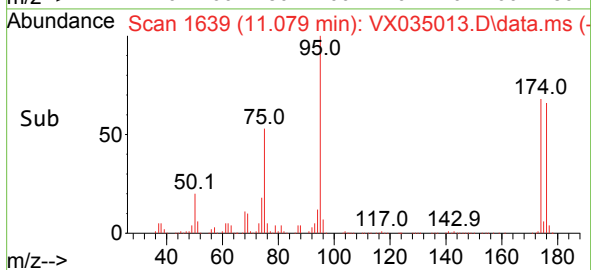
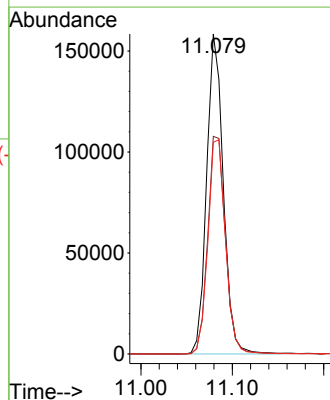
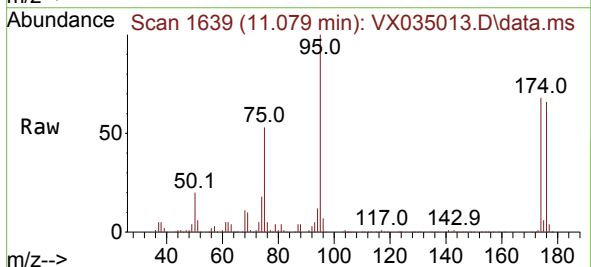
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ClientSampleId :
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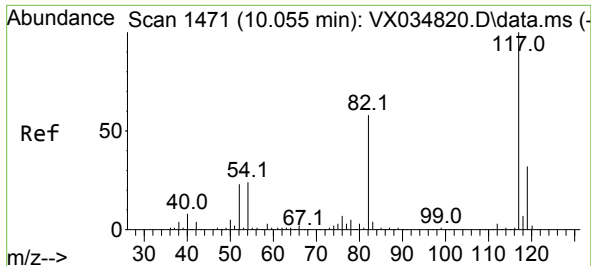
Tgt Ion: 43 Resp: 2873
Ion Ratio Lower Upper
43 100
58 164.1 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 44.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Tgt Ion: 95 Resp: 200270
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 70.7 0.0 140.6

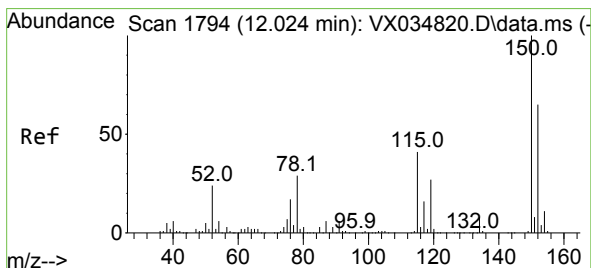
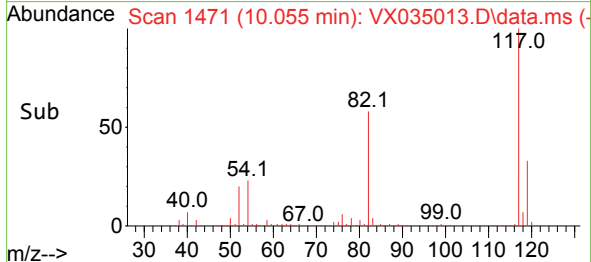
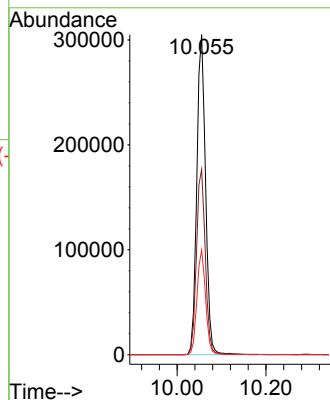
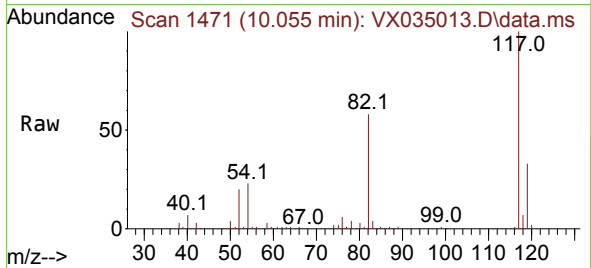




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

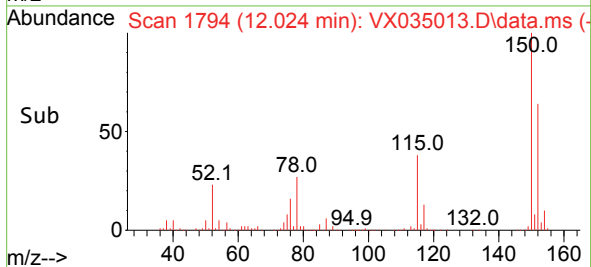
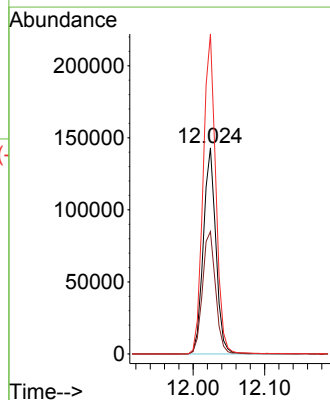
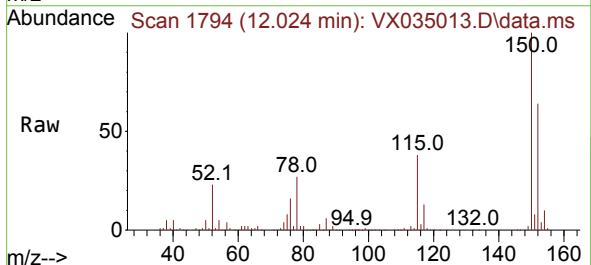
Instrument :
MSVOA_X
ClientSampleId :
FB-040723

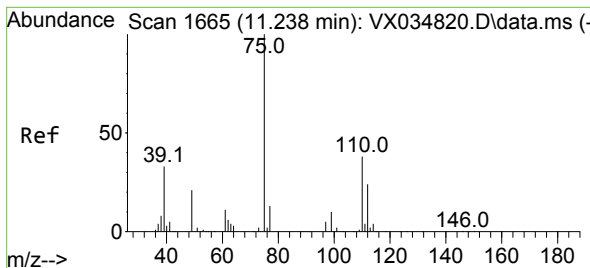
Tgt Ion:117 Resp: 416365
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035013.D
Acq: 11 Apr 2023 16:44

Tgt Ion:152 Resp: 174263
Ion Ratio Lower Upper
152 100
115 61.9 45.0 135.0
150 156.9 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 30.180 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035013.D

Acq: 11 Apr 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

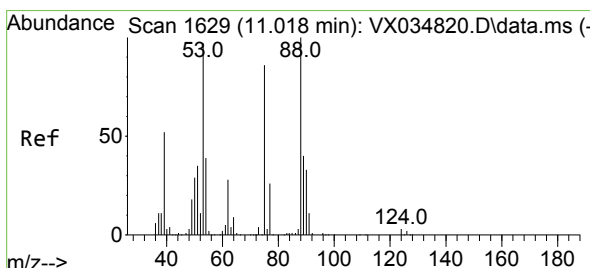
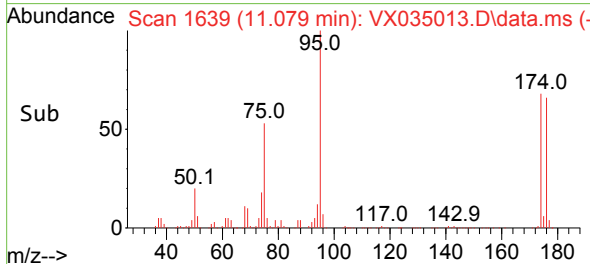
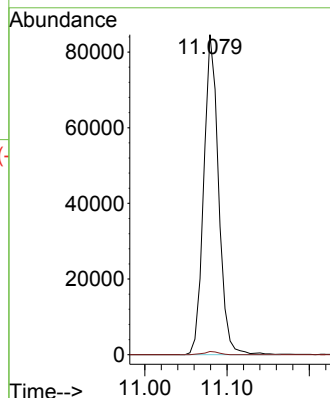
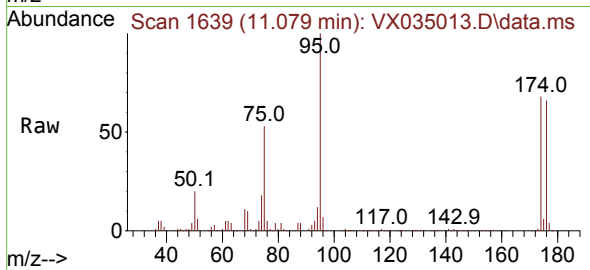
FB-040723

Tgt Ion: 75 Resp: 105969

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.446 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035013.D

Acq: 11 Apr 2023 16:44

Tgt Ion: 75 Resp: 105969

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

