

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)

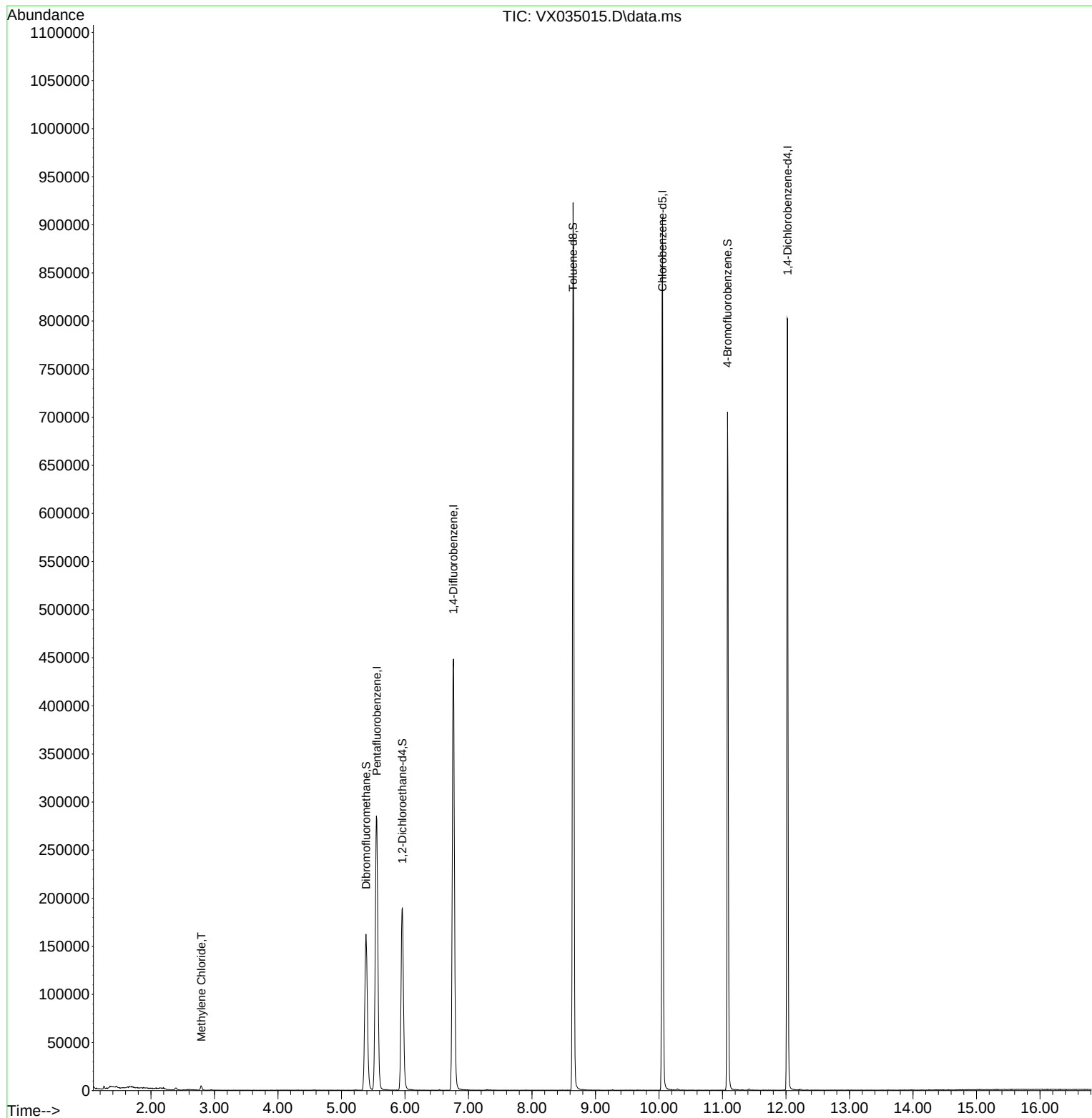
Internal Standards						
1) Pentafluorobenzene	5.556	168	261068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	449499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
20) Methylene Chloride	2.794	84	1912	0.597	ug/l	# 90

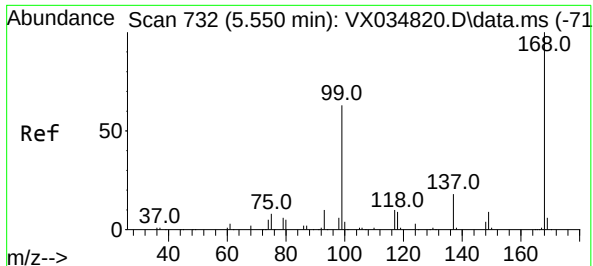
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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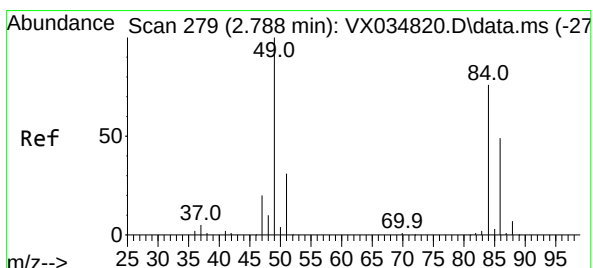
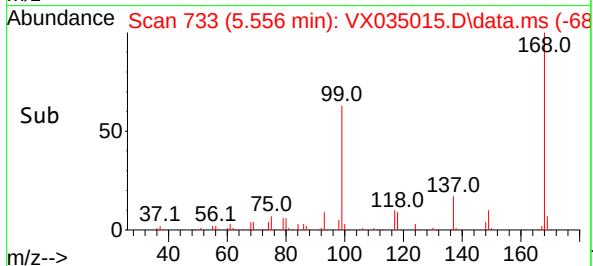
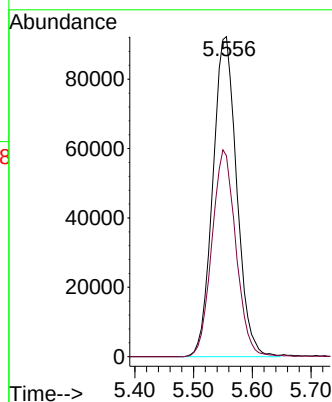
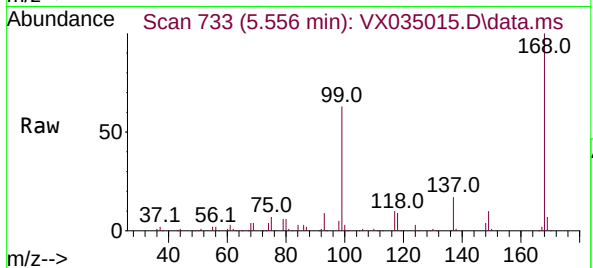




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

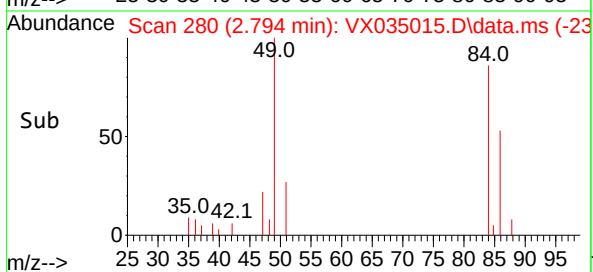
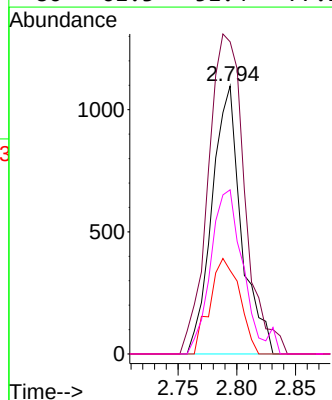
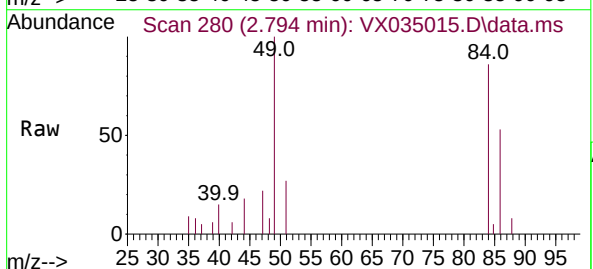
Instrument :
MSVOA_X
ClientSampleId :
FB-040623

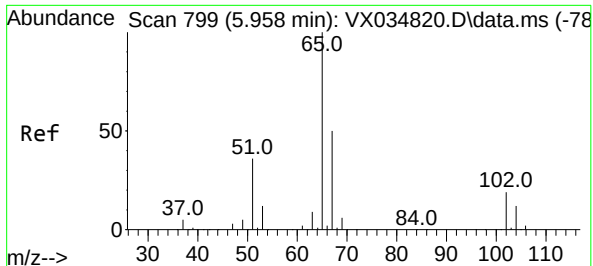
Tgt Ion:168 Resp: 261068
Ion Ratio Lower Upper
168 100
99 62.8 45.7 68.5



#20
Methylene Chloride
Concen: 0.597 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

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

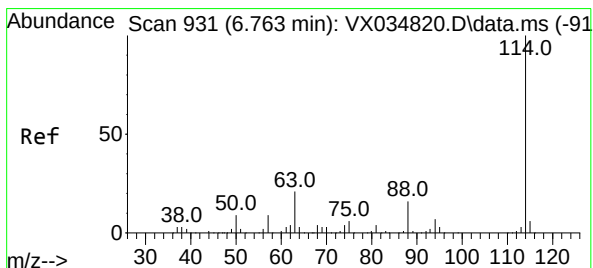
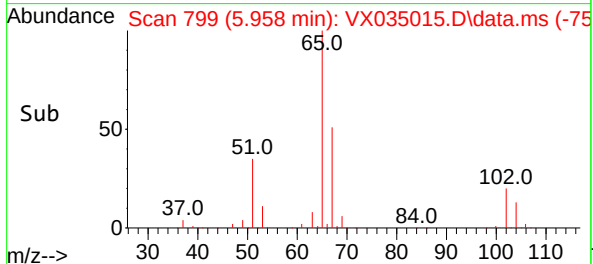
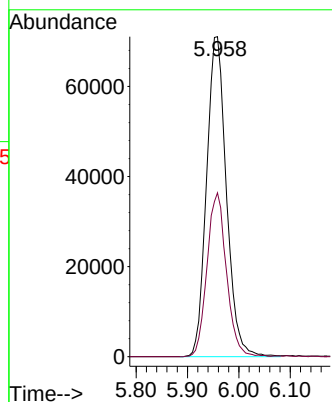
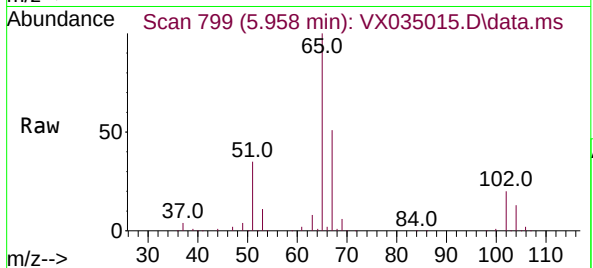




#33
 1,2-Dichloroethane-d4
 Concen: 47.675 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX035015.D
 Acq: 11 Apr 2023 17:30

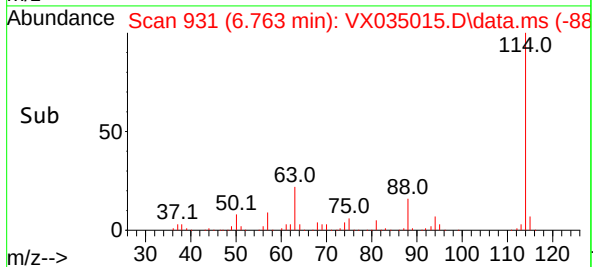
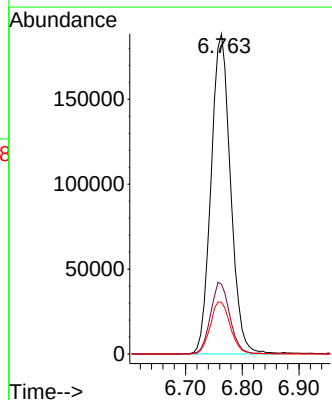
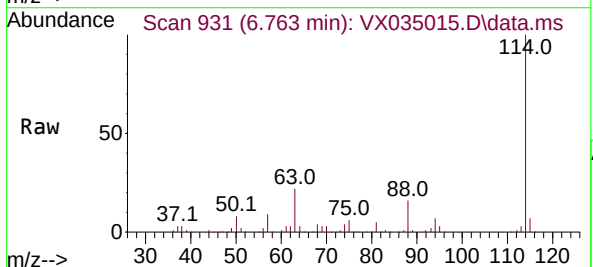
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-040623

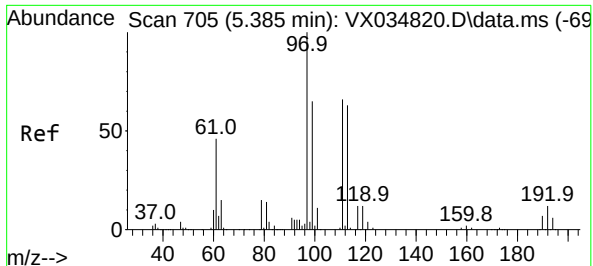
Tgt Ion: 65 Resp: 190350
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.0



#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

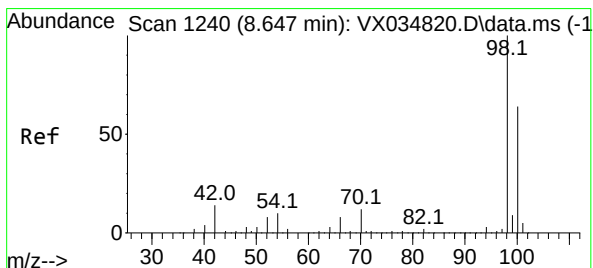
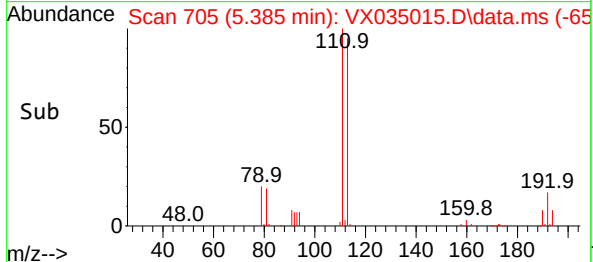
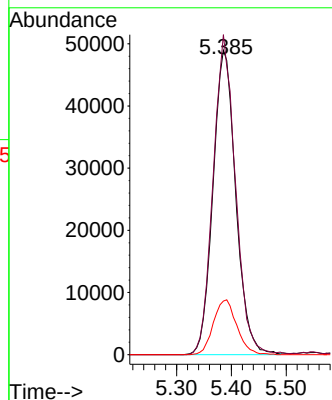
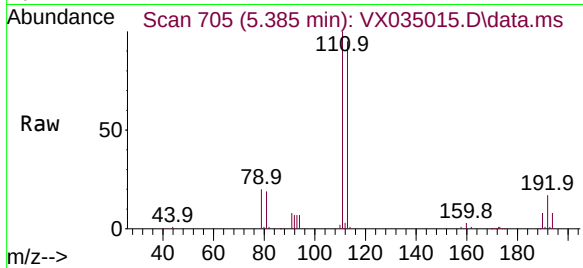




#35
Dibromofluoromethane
Concen: 47.523 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

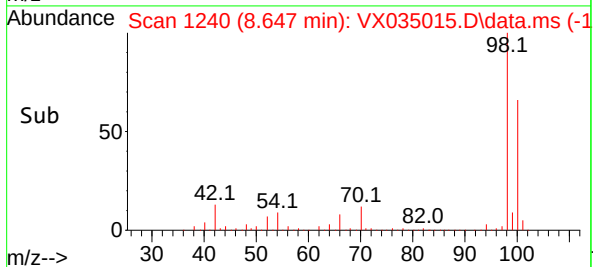
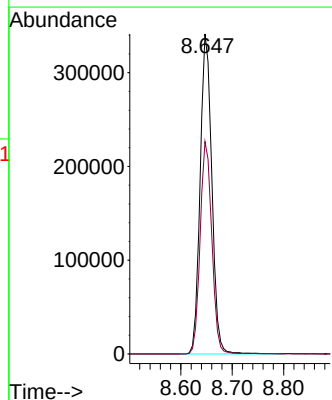
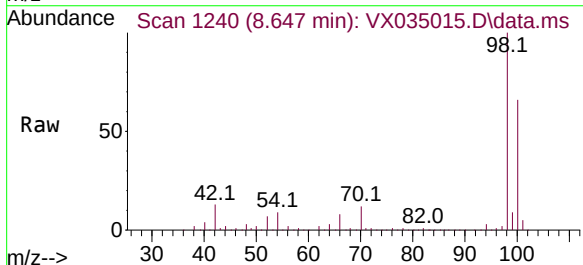
Instrument :
MSVOA_X
ClientSampleId :
FB-040623

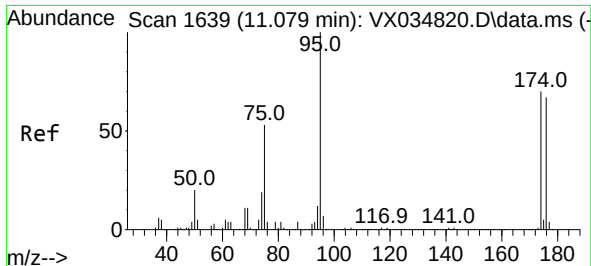
Tgt Ion:113 Resp: 141291
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 18.5 15.4 23.2



#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

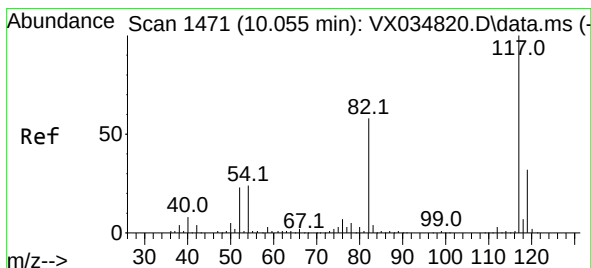
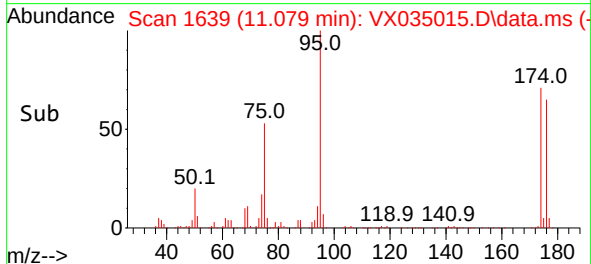
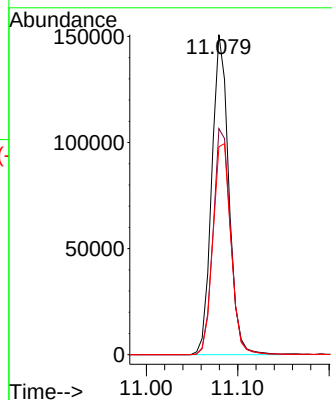
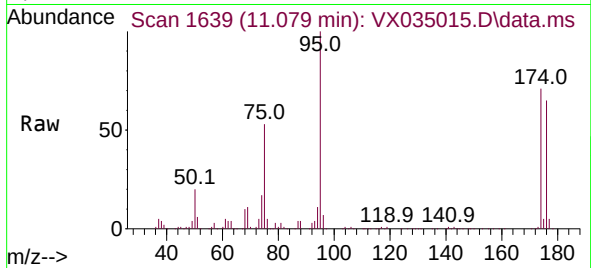




#62
4-Bromofluorobenzene
Concen: 45.849 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035015.D
Acq: 11 Apr 2023 17:30

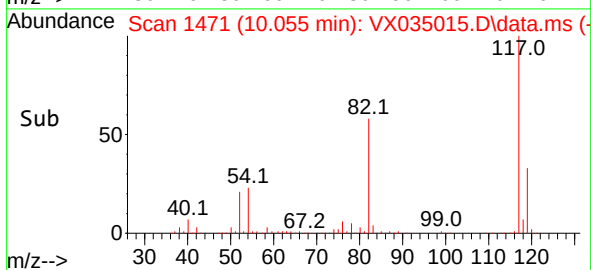
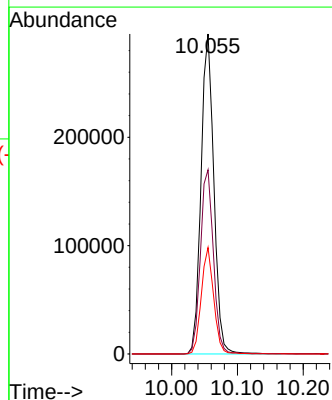
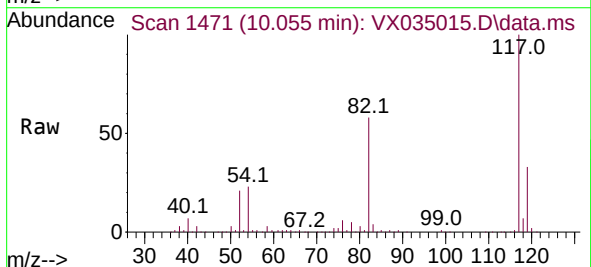
Instrument :
MSVOA_X
ClientSampleId :
FB-040623

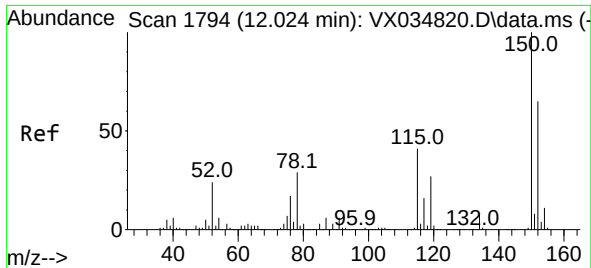
Tgt Ion: 95 Resp: 194702
Ion Ratio Lower Upper
95 100
174 73.1 0.0 147.4
176 69.9 0.0 140.6



#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# 11

Delta R.T. 0.000 min

Lab File: VX035015.D

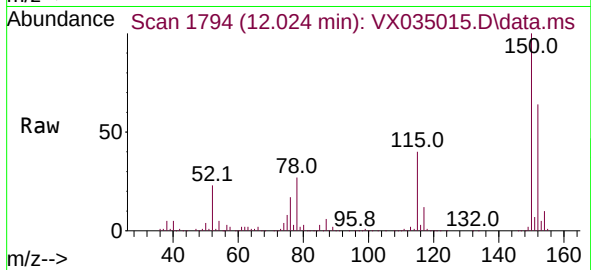
Acq: 11 Apr 2023 17:30

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

