

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034903.D
 Acq On : 01 Apr 2023 05:23
 Operator : JC/MD
 Sample : 02137-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2R

Quant Time: Apr 03 03:21:06 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)

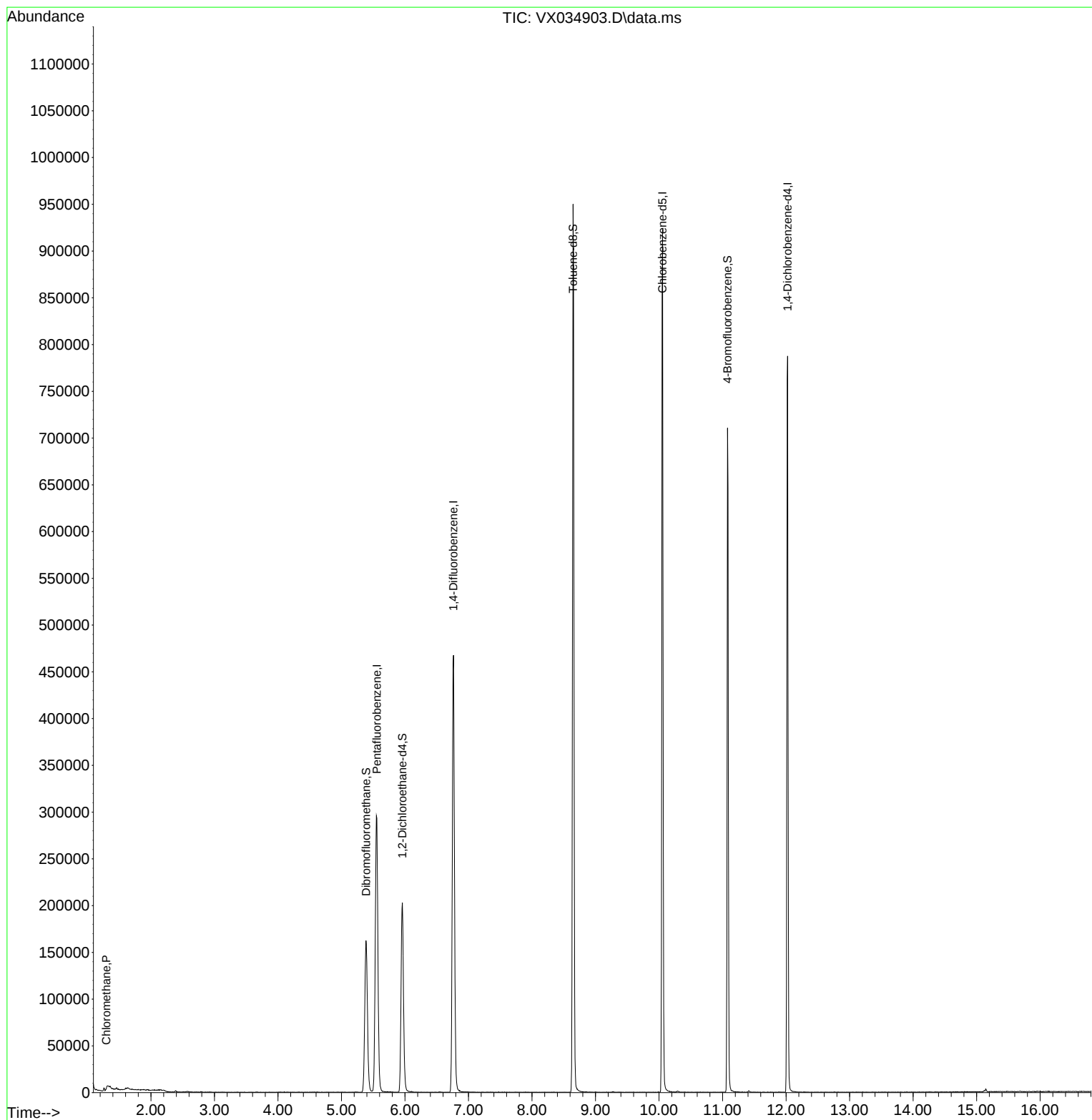
Internal Standards						
1) Pentafluorobenzene	5.556	168	262608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204563	50.934	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.860%
35) Dibromofluoromethane	5.385	113	143384	48.101	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.647	98	537379	48.841	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	192764	45.274	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.540%
Target Compounds						
3) Chloromethane	1.295	50	749	0.228	ug/l	93

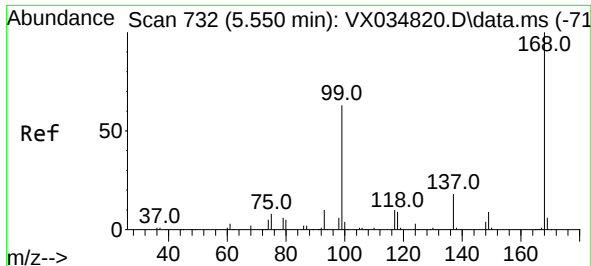
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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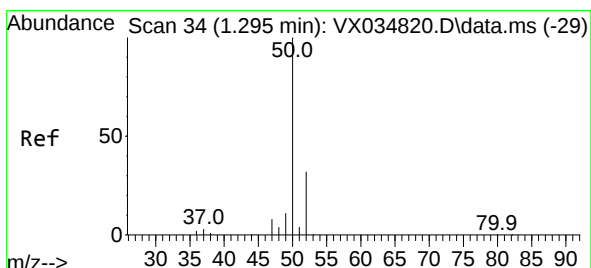
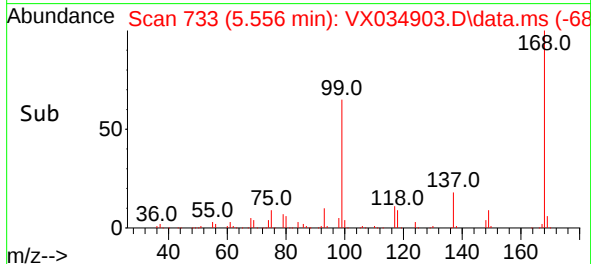
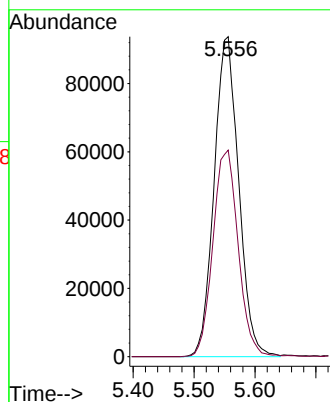
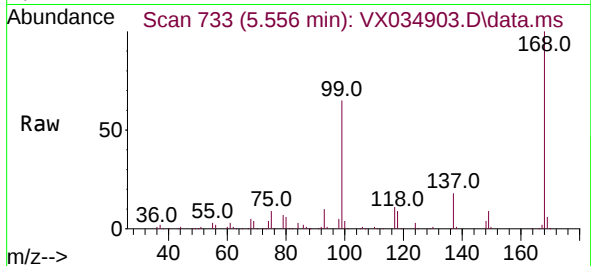




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

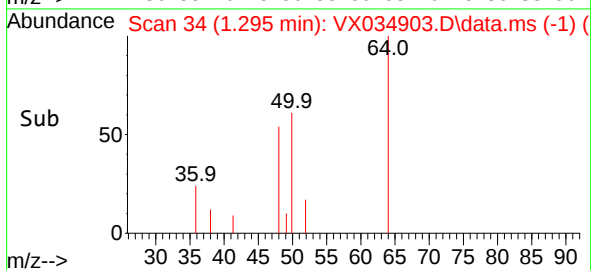
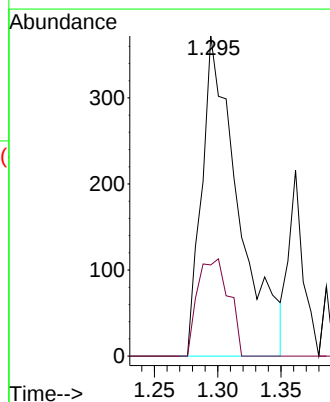
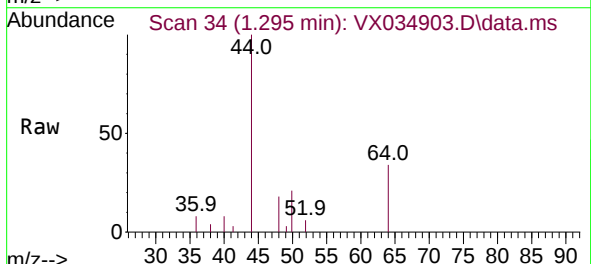
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

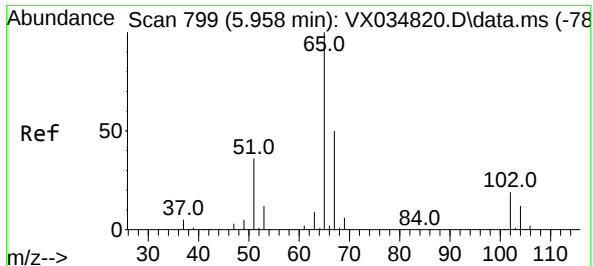
Tgt Ion:168 Resp: 262608
Ion Ratio Lower Upper
168 100
99 64.5 45.7 68.5



#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 28.5 25.9 38.9





#33

1,2-Dichloroethane-d4

Concen: 50.934 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034903.D

Acq: 01 Apr 2023 05:23

Instrument :

MSVOA_X

ClientSampleId :

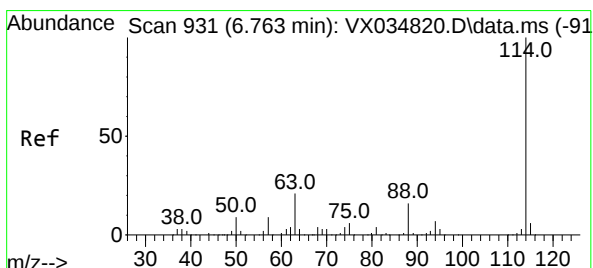
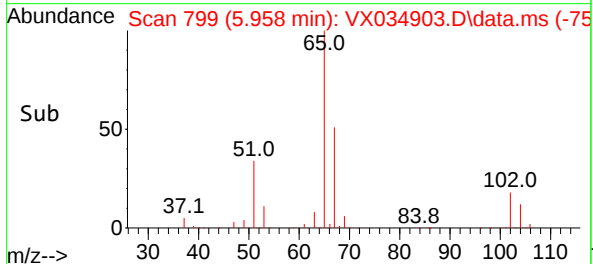
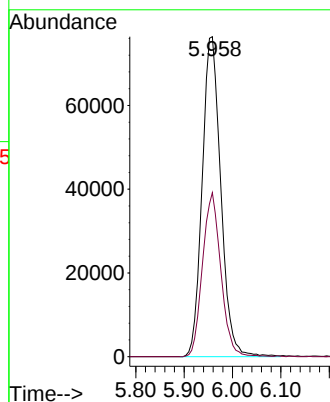
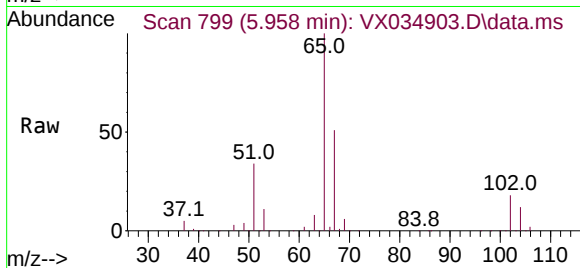
SY-2R

Tgt Ion: 65 Resp: 204563

Ion Ratio Lower Upper

65 100

67 50.4 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: VX034903.D

Acq: 01 Apr 2023 05:23

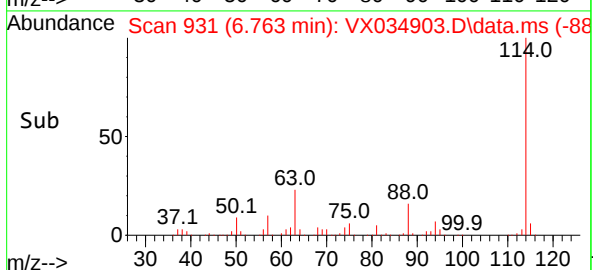
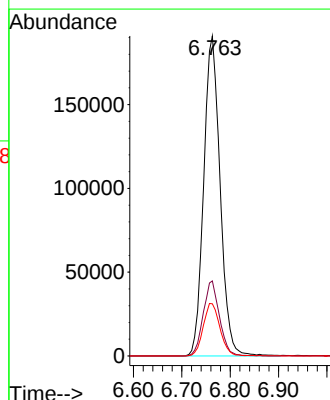
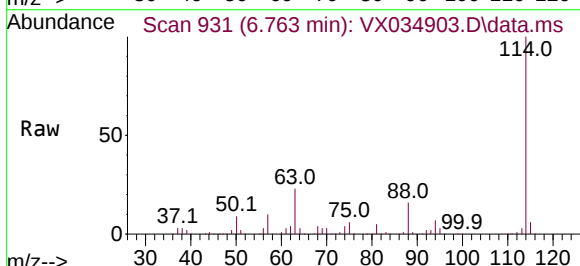
Tgt Ion: 114 Resp: 450682

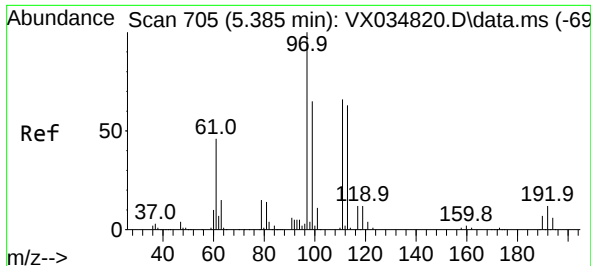
Ion Ratio Lower Upper

114 100

63 23.4 0.0 42.2

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.101 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034903.D

Acq: 01 Apr 2023 05:23

Instrument :

MSVOA_X

ClientSampleId :

SY-2R

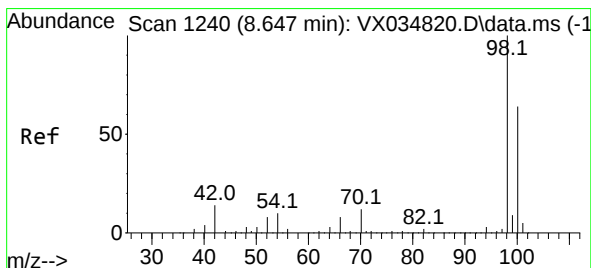
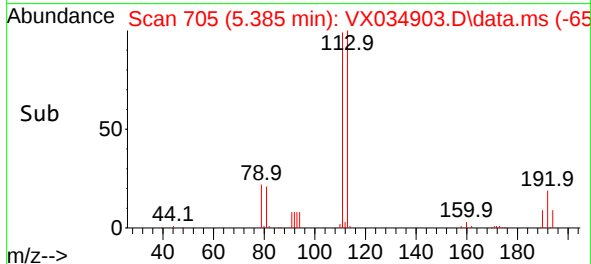
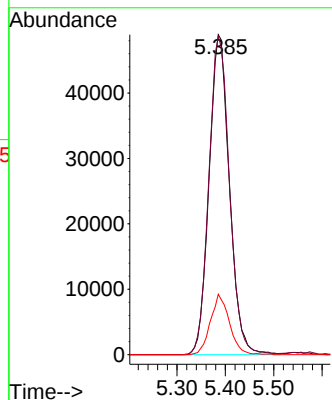
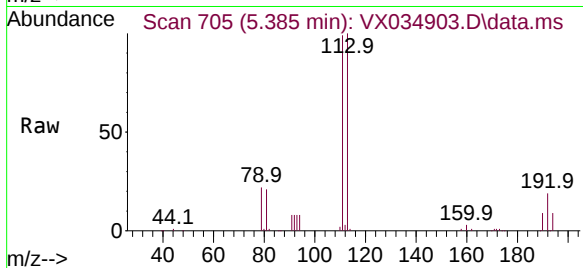
Tgt Ion:113 Resp: 143384

Ion Ratio Lower Upper

113 100

111 100.9 83.7 125.5

192 17.5 15.4 23.2



#50

Toluene-d8

Concen: 48.841 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034903.D

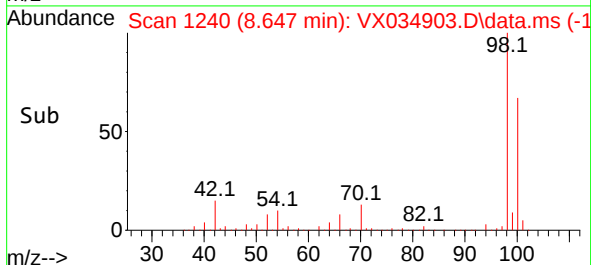
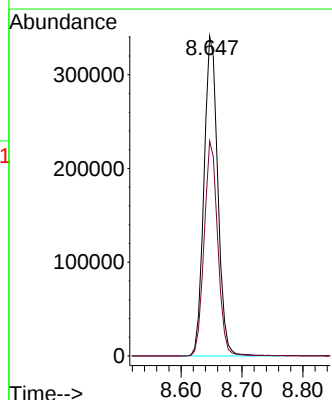
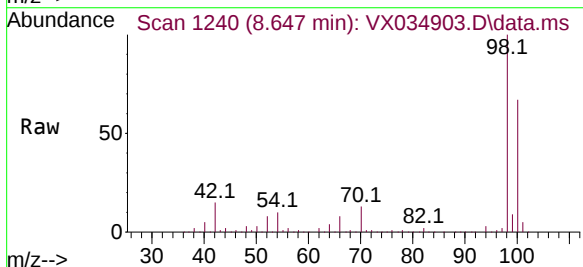
Acq: 01 Apr 2023 05:23

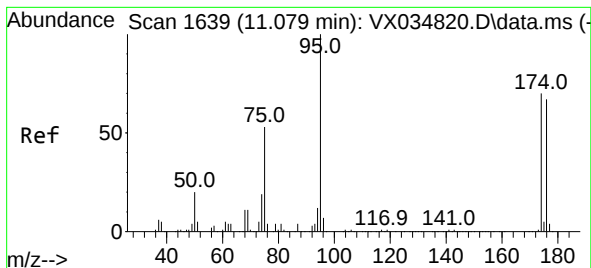
Tgt Ion: 98 Resp: 537379

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7

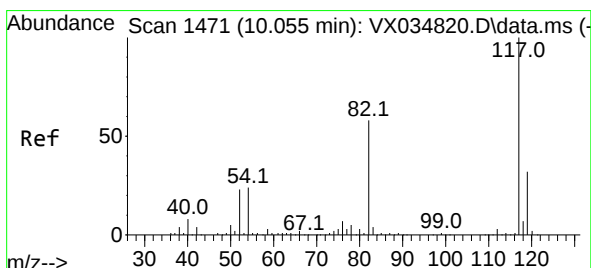
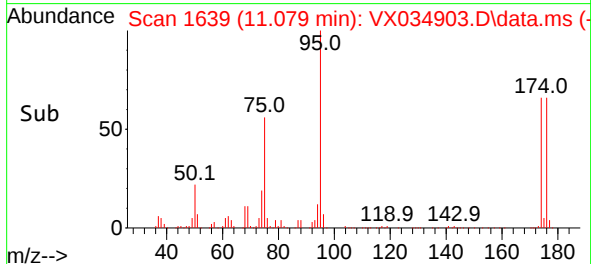
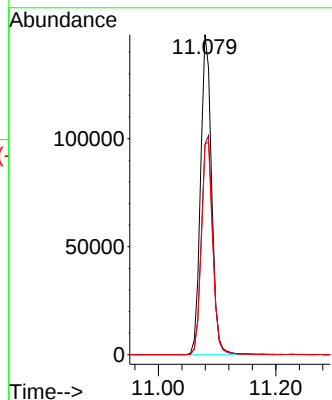
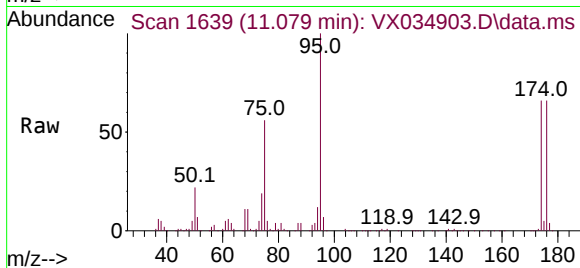




#62
4-Bromofluorobenzene
Concen: 45.274 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

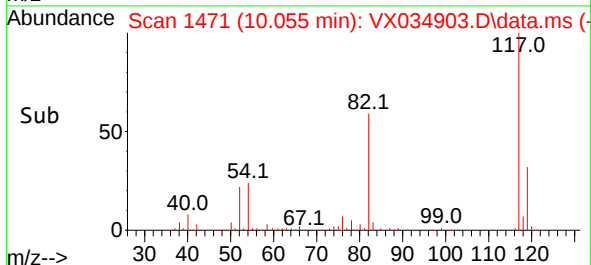
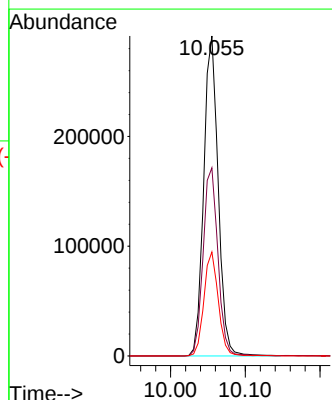
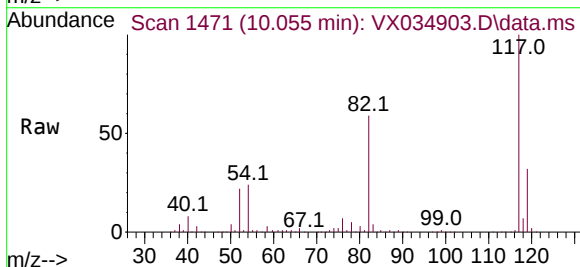
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

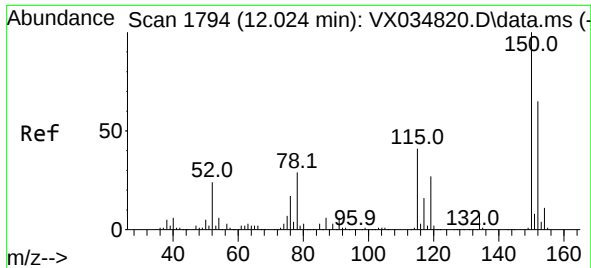
Tgt Ion: 95 Resp: 192764
Ion Ratio Lower Upper
95 100
174 70.3 0.0 147.4
176 68.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

Tgt Ion: 117 Resp: 391873
Ion Ratio Lower Upper
117 100
82 58.8 45.0 67.4
119 32.5 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: VX034903.D

Acq: 01 Apr 2023 05:23

Instrument :

MSVOA_X

ClientSampleId :

SY-2R

Tgt Ion:152 Resp: 161081

Ion Ratio Lower Upper

152 100

115 63.8 45.0 135.0

150 154.8 0.0 352.4

