

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035511.D
 Acq On : 03 May 2023 15:47
 Operator : JC/MD
 Sample : 02567-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2023-29-04

Quant Time: May 04 03:58:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

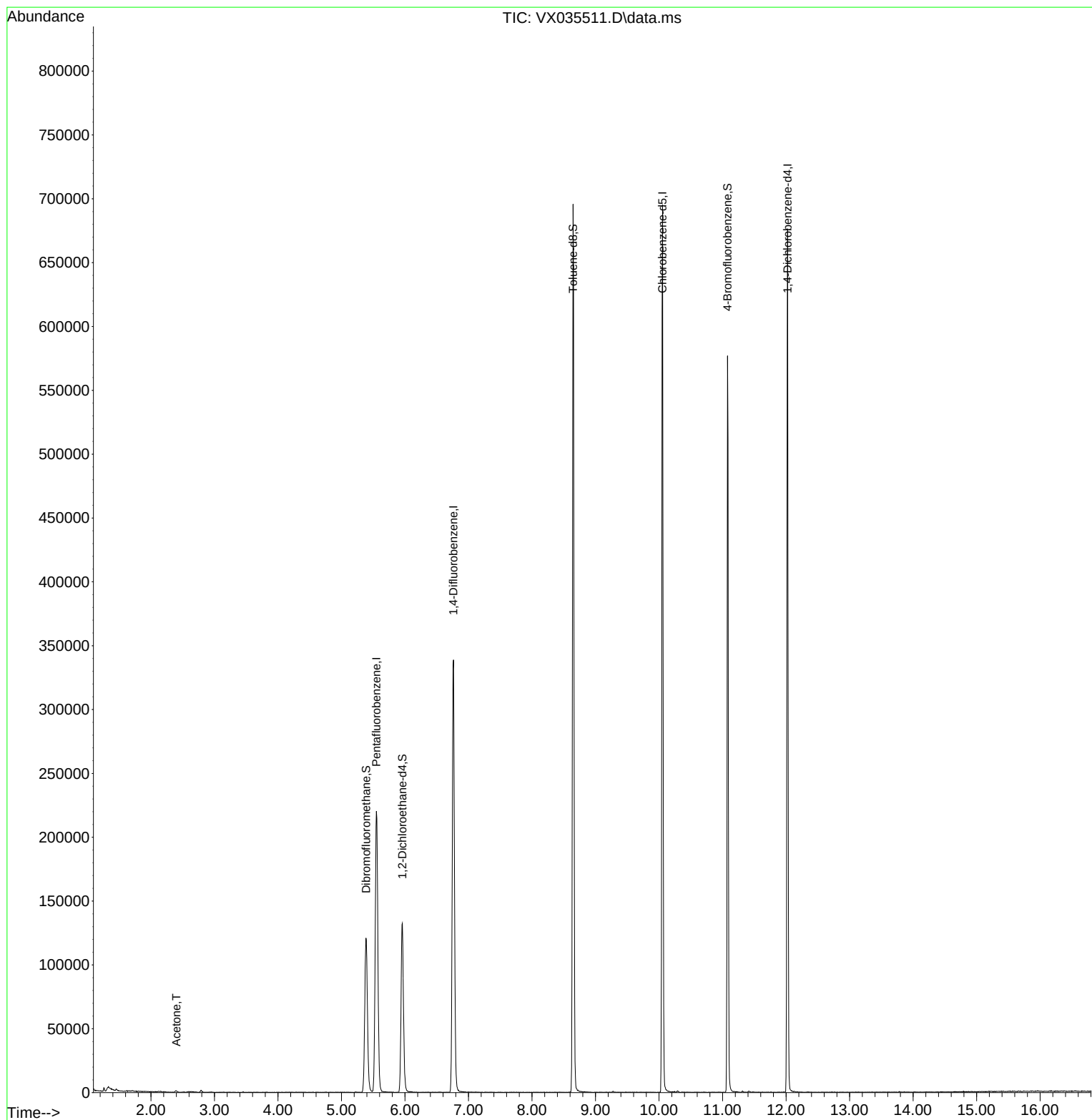
Internal Standards						
1) Pentafluorobenzene	5.550	168	222008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129198	48.237	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.480%
35) Dibromofluoromethane	5.385	113	107395	48.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	8.647	98	415460	50.012	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.020%
62) 4-Bromofluorobenzene	11.079	95	156609	50.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.220%
Target Compounds						
16) Acetone	2.398	43	1536	1.320	ug/l	Qvalue # 85

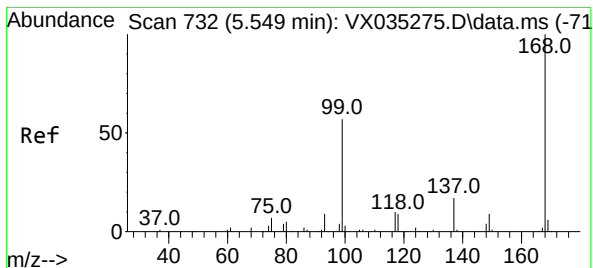
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

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ClientSampleId :

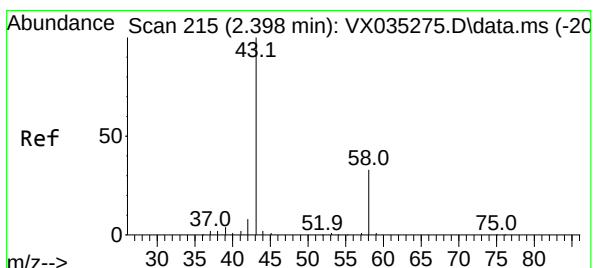
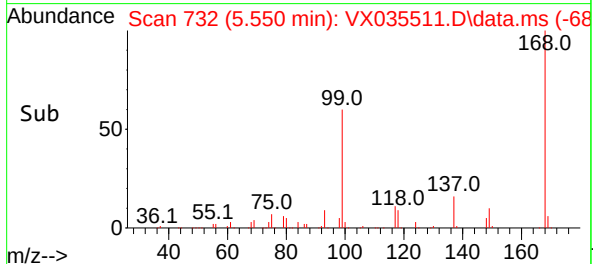
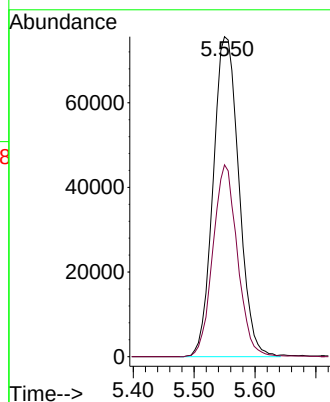
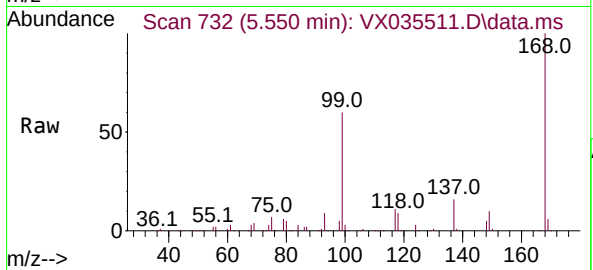
TB-2023-29-04

Tgt Ion:168 Resp: 222008

Ion Ratio Lower Upper

168 100

99 59.9 45.7 68.5



#16

Acetone

Concen: 1.320 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX035511.D

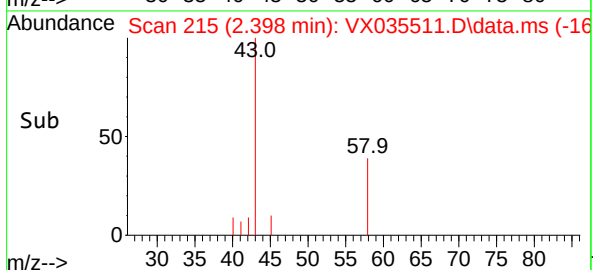
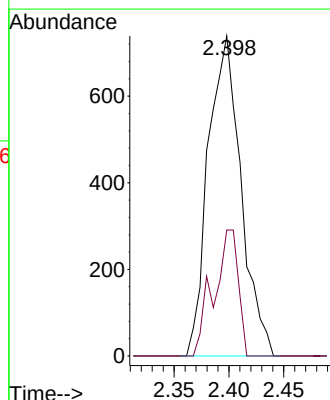
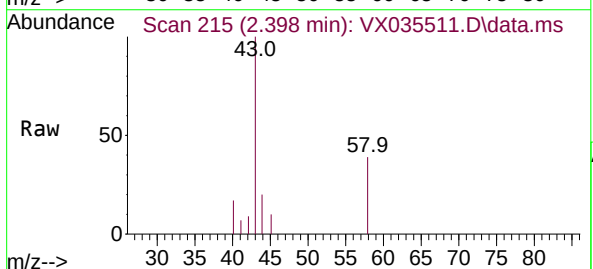
Acq: 03 May 2023 15:47

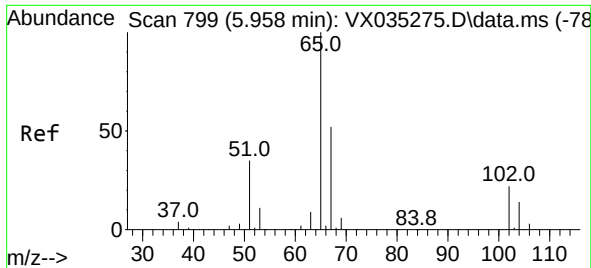
Tgt Ion: 43 Resp: 1536

Ion Ratio Lower Upper

43 100

58 39.4 24.7 37.1#





#33

1,2-Dichloroethane-d4

Concen: 48.237 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035511.D

Acq: 03 May 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

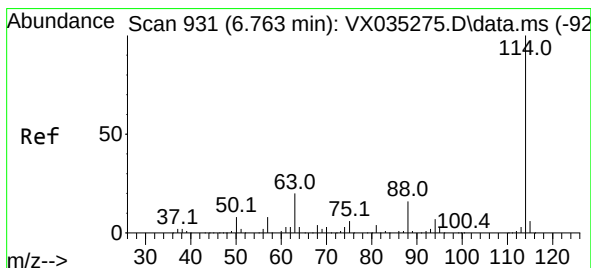
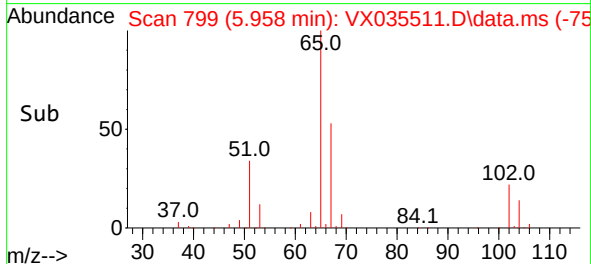
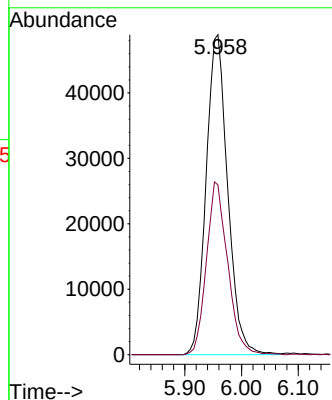
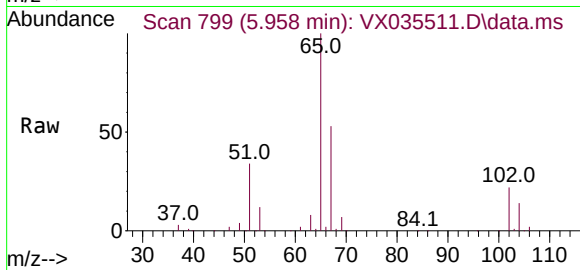
TB-2023-29-04

Tgt Ion: 65 Resp: 129198

Ion Ratio Lower Upper

65 100

67 53.1 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: VX035511.D

Acq: 03 May 2023 15:47

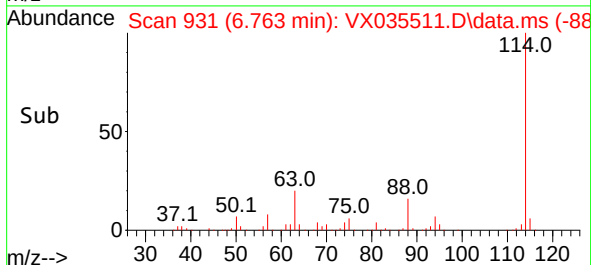
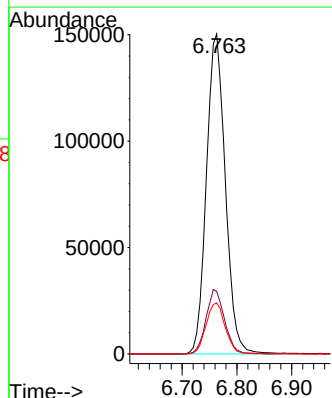
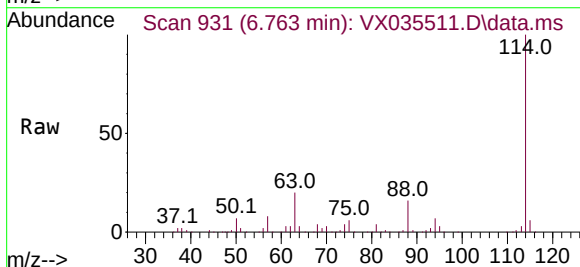
Tgt Ion: 114 Resp: 358787

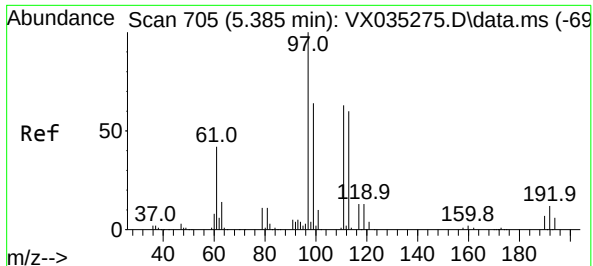
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.2

88 15.9 0.0 33.2

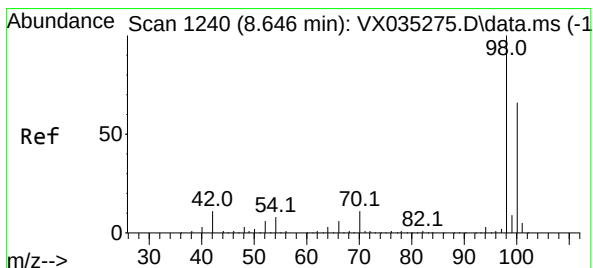
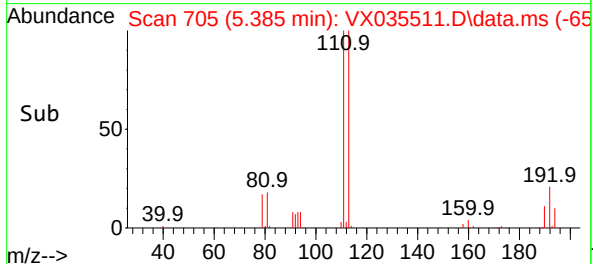
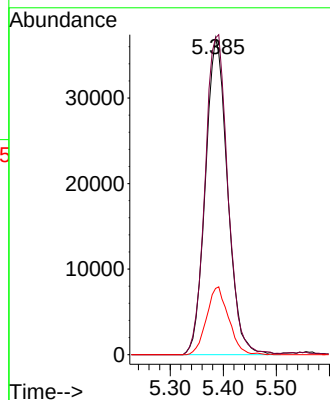
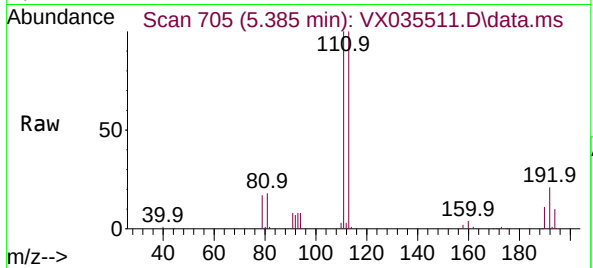




#35
Dibromofluoromethane
Concen: 48.769 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

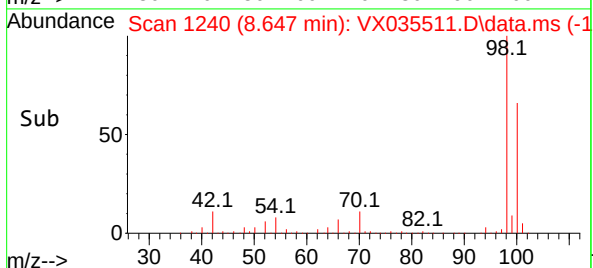
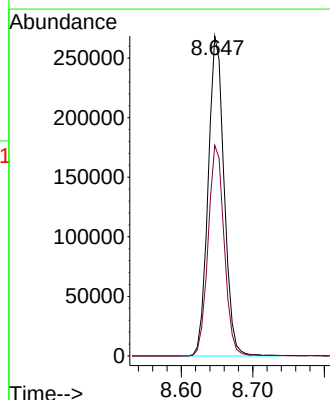
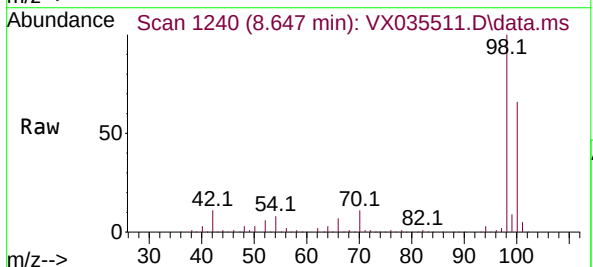
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-29-04

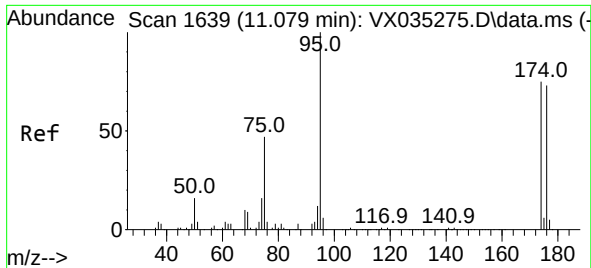
Tgt Ion:113 Resp: 107395
Ion Ratio Lower Upper
113 100
111 103.9 83.7 125.5
192 21.3 15.4 23.2



#50
Toluene-d8
Concen: 50.012 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

Tgt Ion: 98 Resp: 415460
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

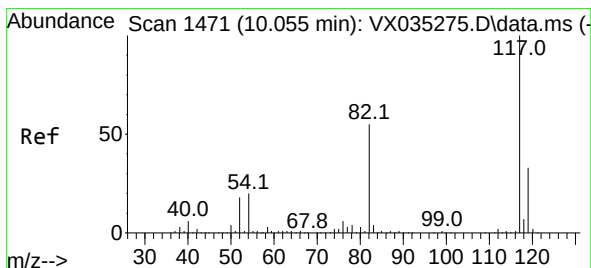
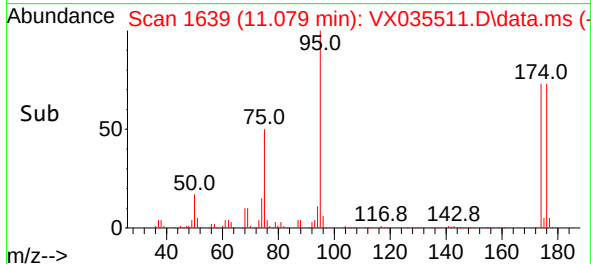
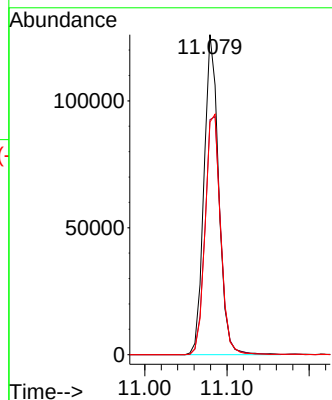
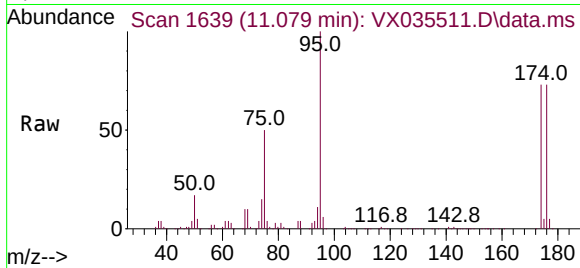




#62
4-Bromofluorobenzene
Concen: 50.115 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

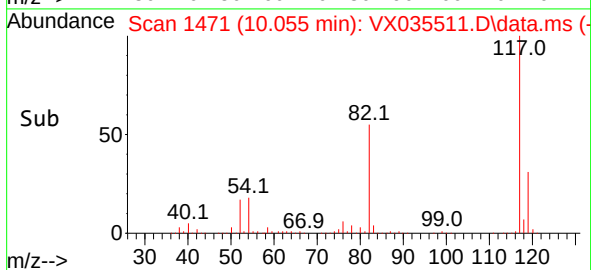
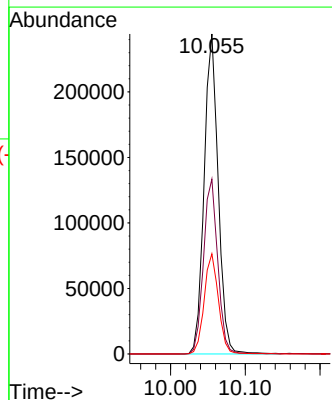
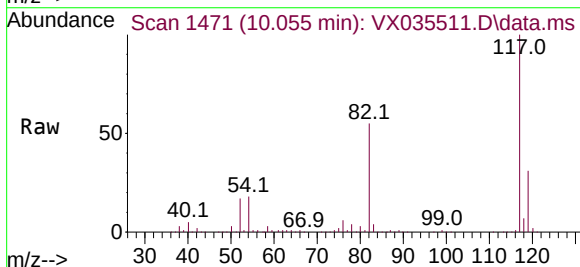
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-29-04

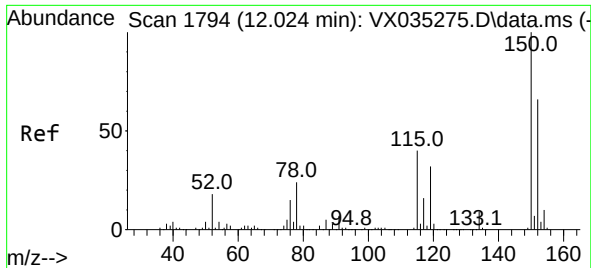
Tgt Ion: 95 Resp: 156609
Ion Ratio Lower Upper
95 100
174 79.2 0.0 147.4
176 78.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

Tgt Ion: 117 Resp: 319332
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.3 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: VX035511.D

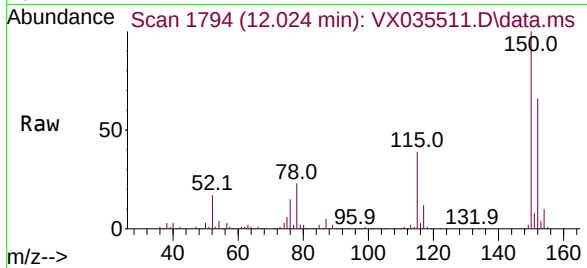
Acq: 03 May 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

TB-2023-29-04



Tgt Ion:152 Resp: 148369

Ion Ratio Lower Upper

152 100

115 58.5 45.0 135.0

150 153.2 0.0 352.4

