

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039629.D
 Acq On : 04 Jan 2024 18:35
 Operator : JC/MD
 Sample : P1038-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Jan 05 00:45:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76645	46.810	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.620%
35) Dibromofluoromethane	5.385	113	61172	47.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	8.647	98	242086	50.326	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.079	95	113628	57.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.500%

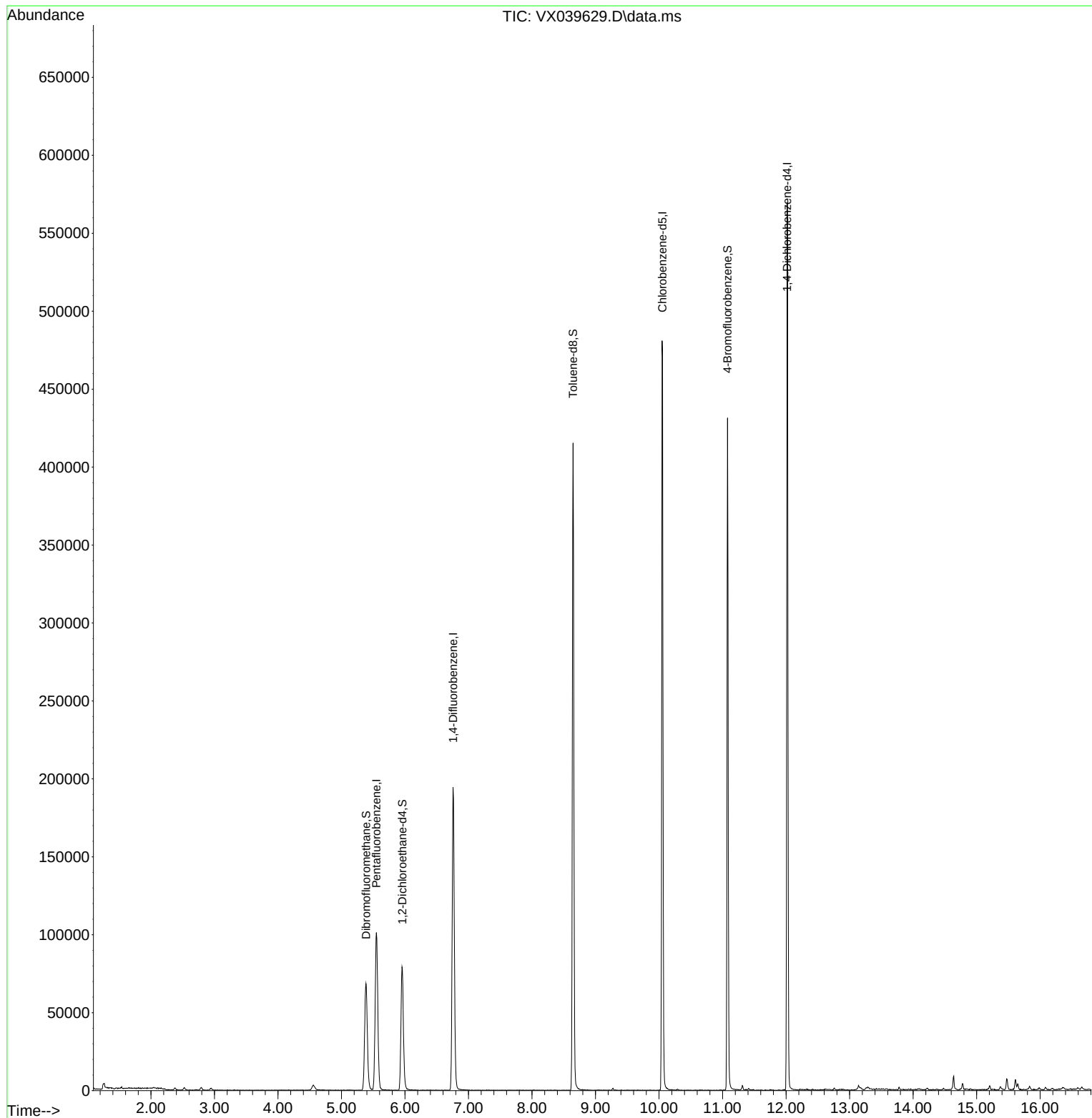
Target Compounds	Qvalue

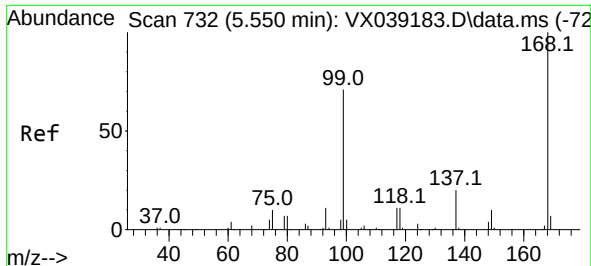
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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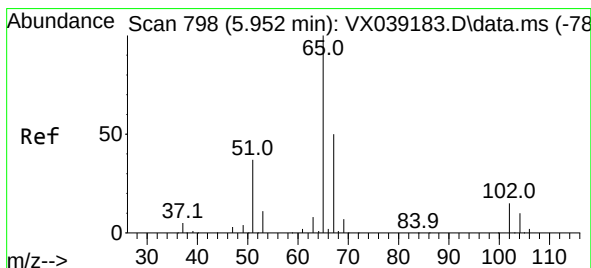
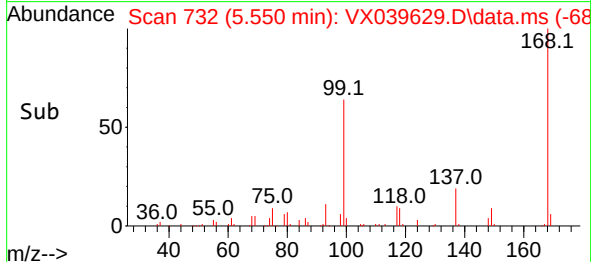
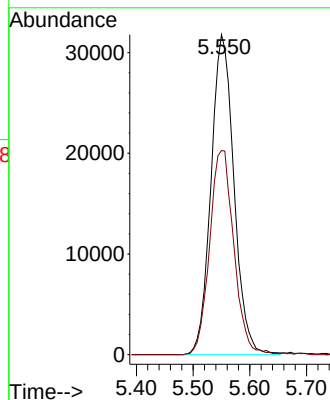
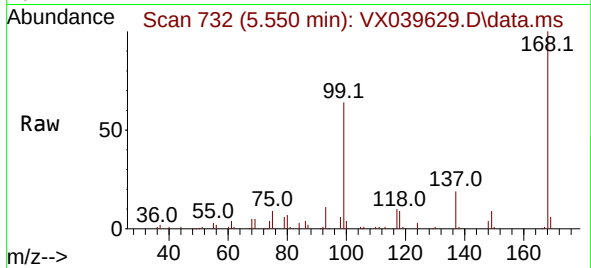




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

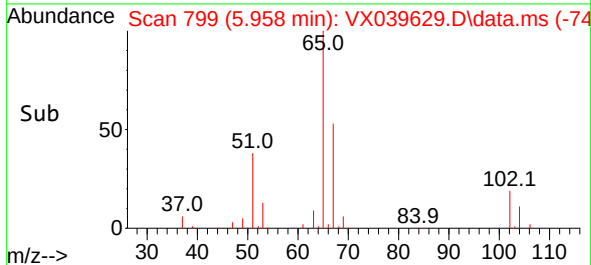
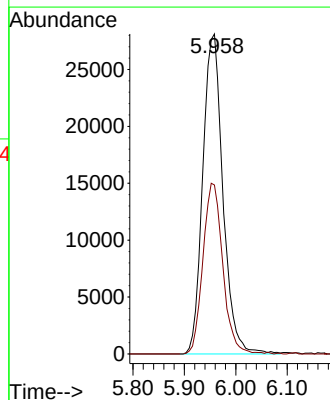
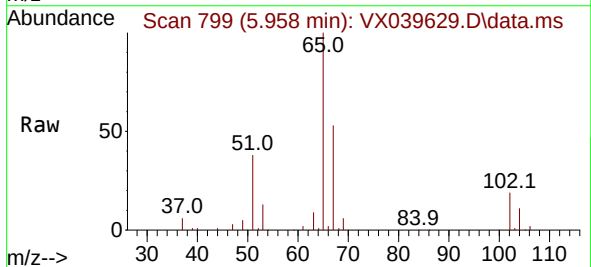
Instrument :
MSVOA_X
ClientSampleId :
FB

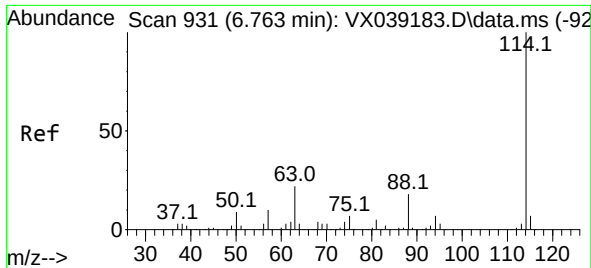
Tgt Ion:168 Resp: 89380
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.810 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Tgt Ion: 65 Resp: 76645
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

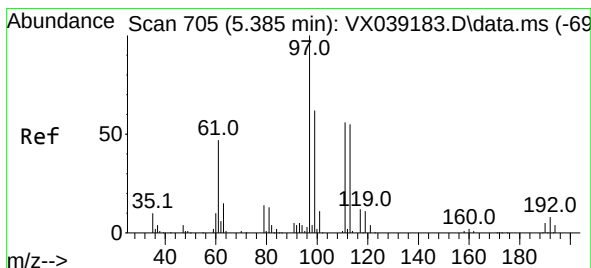
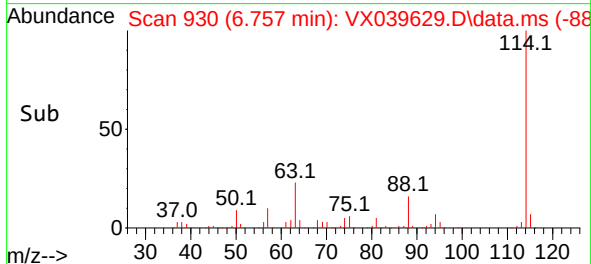
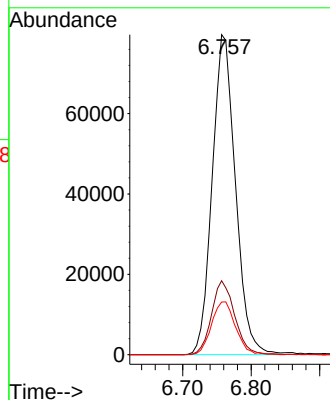
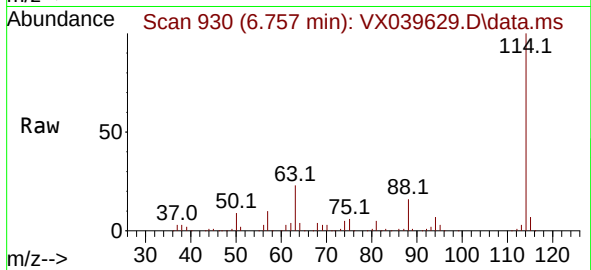




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

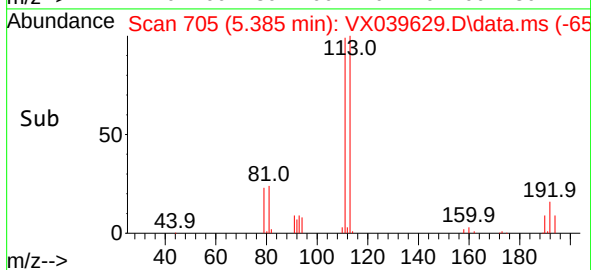
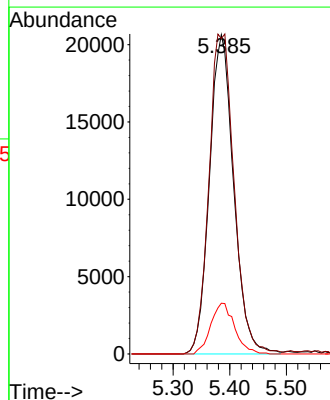
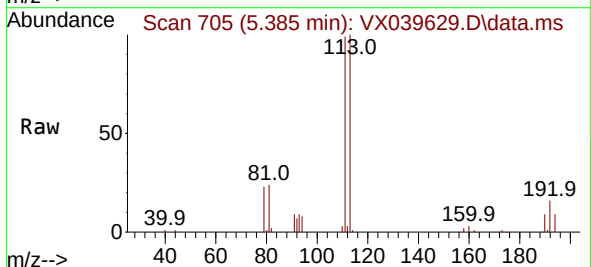
Instrument :
MSVOA_X
ClientSampleId :
FB

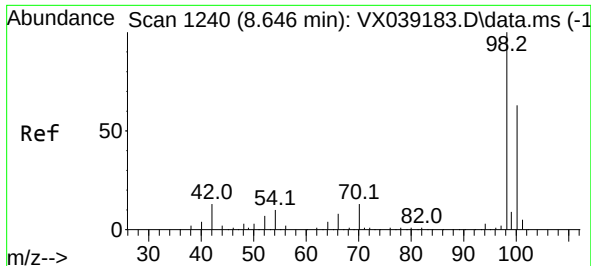
Tgt Ion:114 Resp: 187555
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.211 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Tgt Ion:113 Resp: 61172
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 15.7 13.3 19.9





#50

Toluene-d8

Concen: 50.326 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039629.D

Acq: 04 Jan 2024 18:35

Instrument :

MSVOA_X

ClientSampleId :

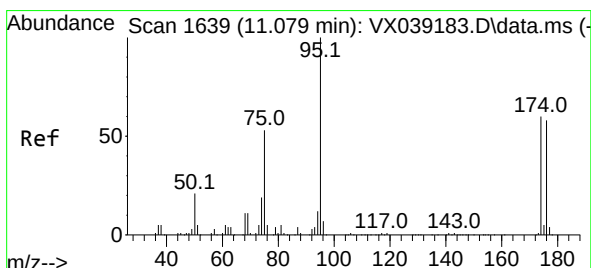
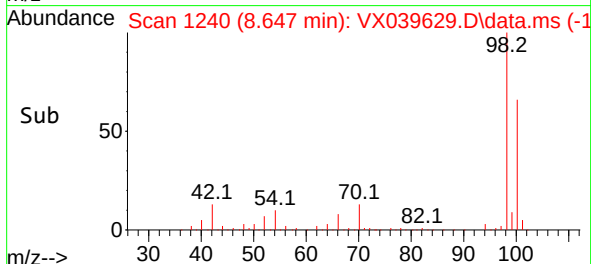
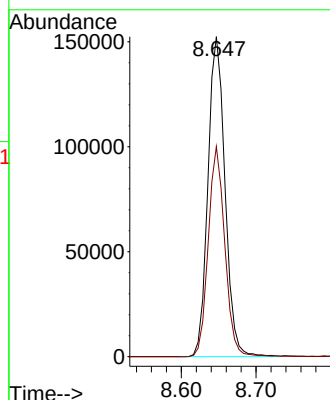
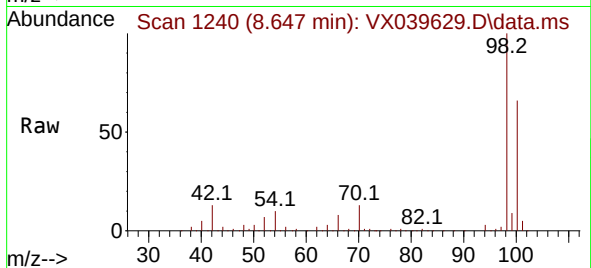
FB

Tgt Ion: 98 Resp: 242086

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 57.250 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039629.D

Acq: 04 Jan 2024 18:35

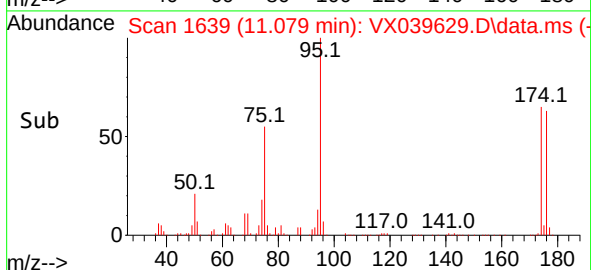
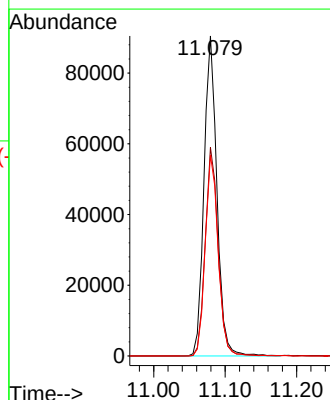
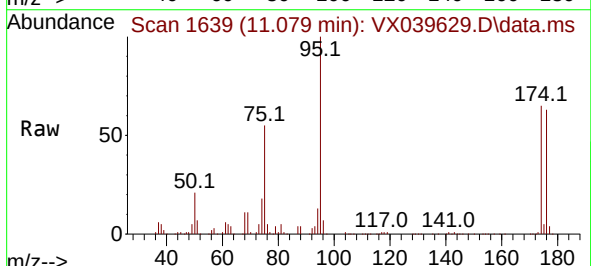
Tgt Ion: 95 Resp: 113628

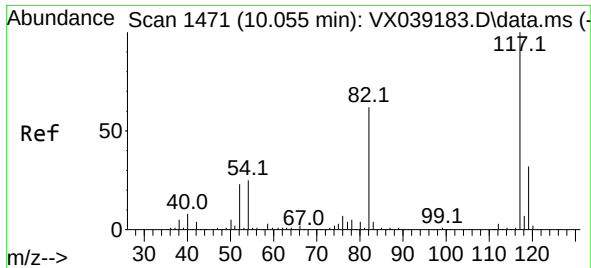
Ion Ratio Lower Upper

95 100

174 65.2 0.0 135.6

176 63.1 0.0 131.0

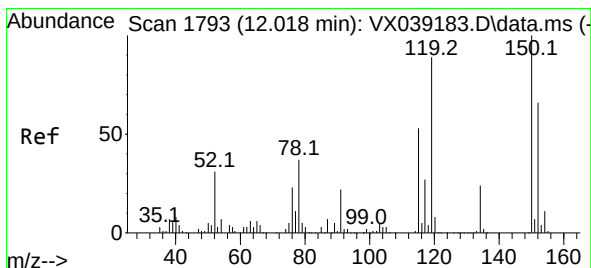
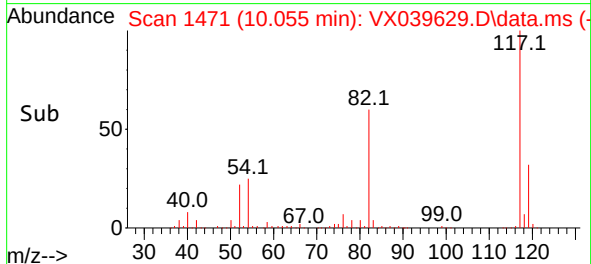
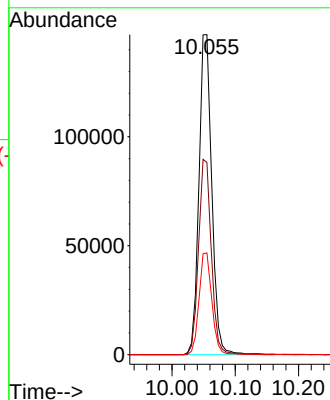
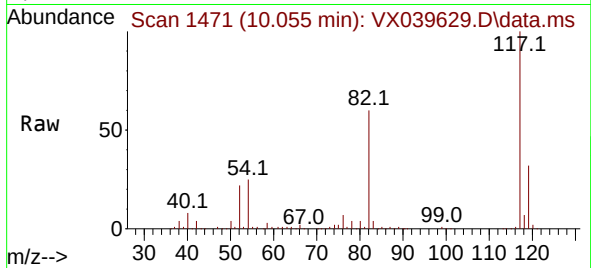




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion:117 Resp: 208112
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039629.D
Acq: 04 Jan 2024 18:35

Tgt Ion:152 Resp: 105775
Ion Ratio Lower Upper
152 100
115 66.9 43.3 129.9
150 160.3 0.0 345.0

