

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039206.D
 Acq On : 14 Dec 2023 14:25
 Operator : JC/MD
 Sample : 05829-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-1

Quant Time: Dec 15 03:00:46 2023
 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	105893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117779	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94411	48.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.340%
35) Dibromofluoromethane	5.385	113	71481	47.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.480%
50) Toluene-d8	8.647	98	274686	49.416	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	127958	55.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.580%

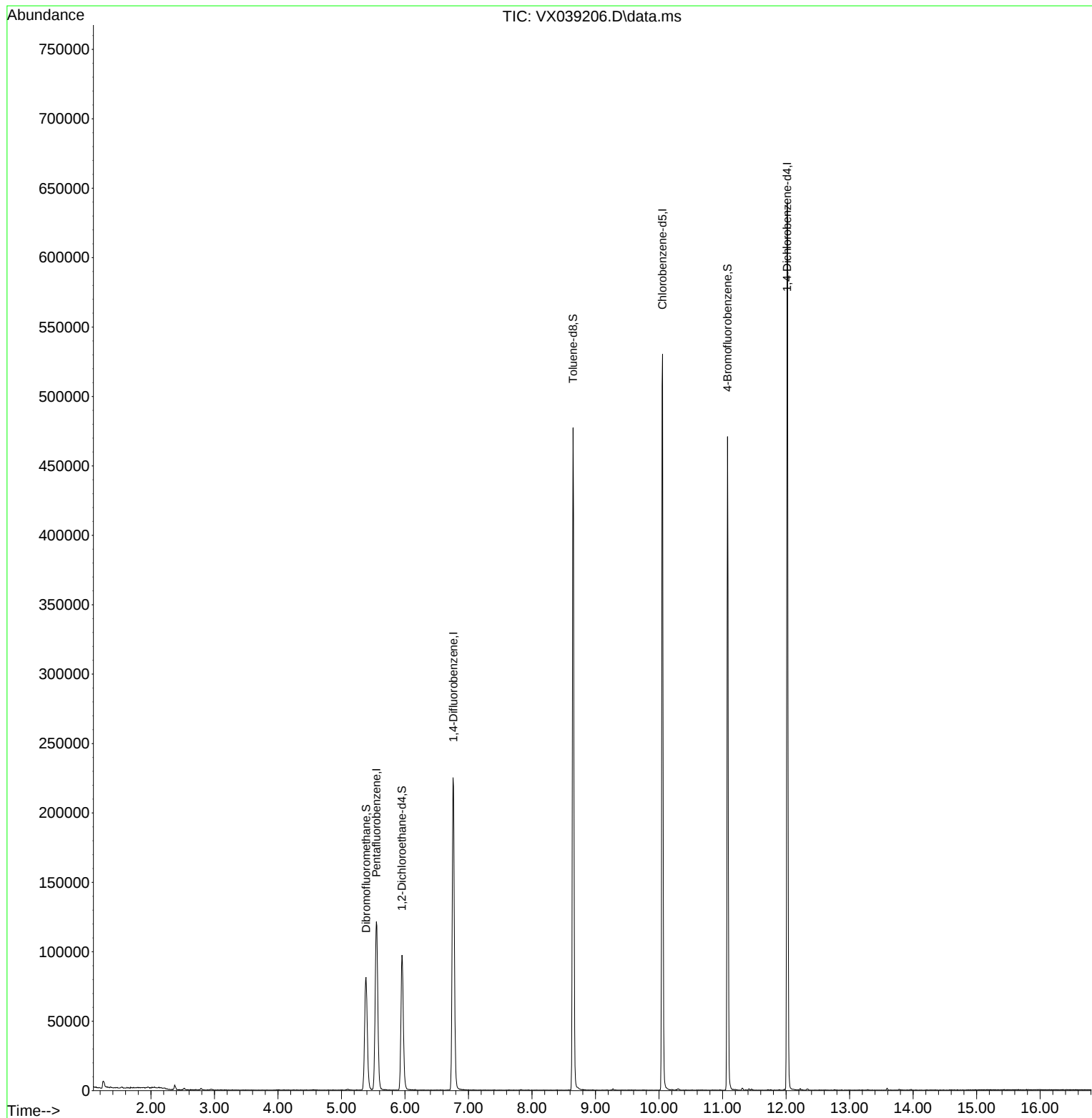
Target Compounds	Qvalue

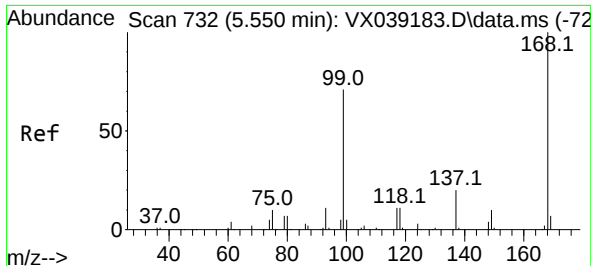
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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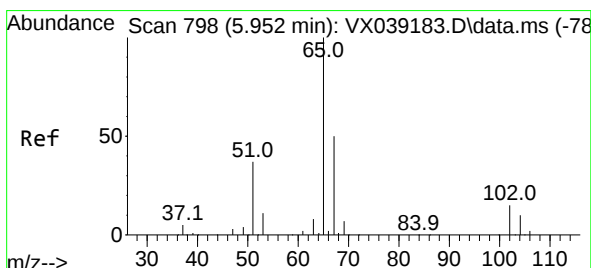
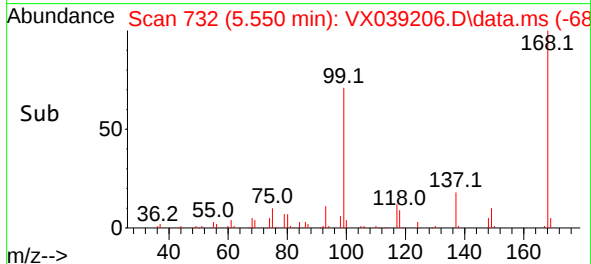
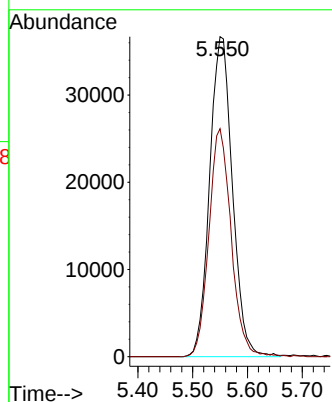
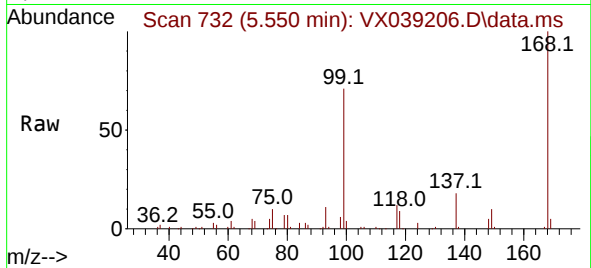




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

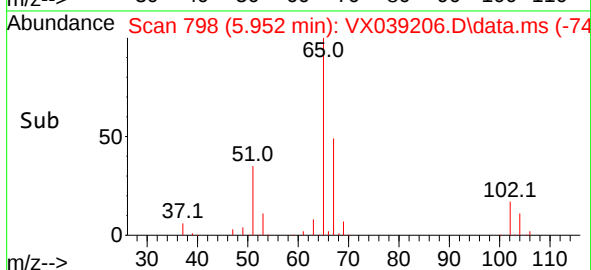
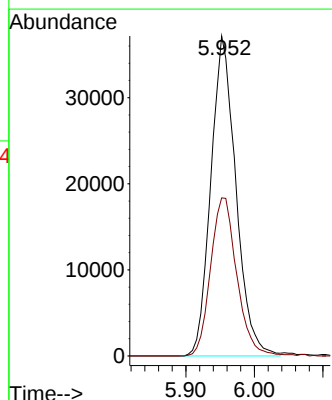
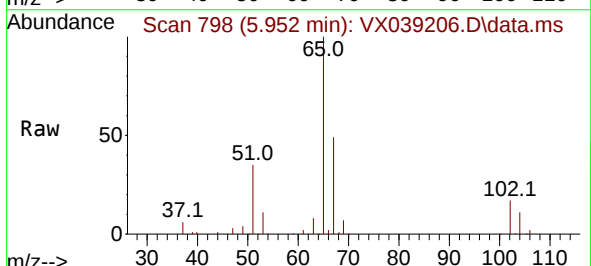
Instrument :
MSVOA_X
ClientSampleId :
TB-1

Tgt Ion:168 Resp: 105893
Ion Ratio Lower Upper
168 100
99 71.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.668 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

Tgt Ion: 65 Resp: 94411
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

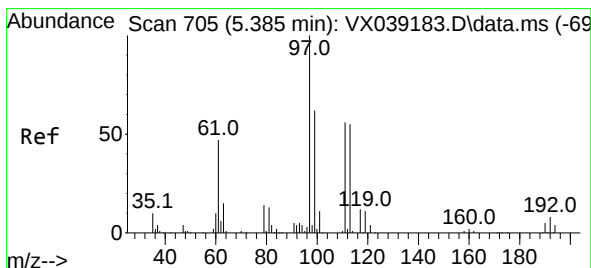
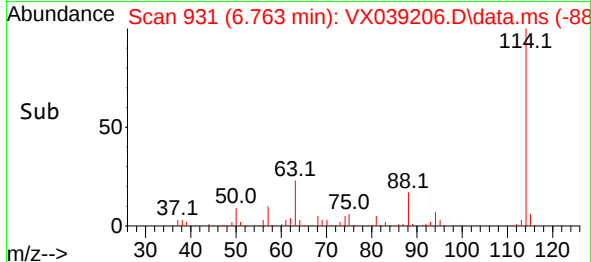
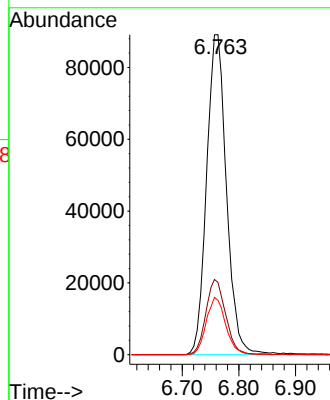
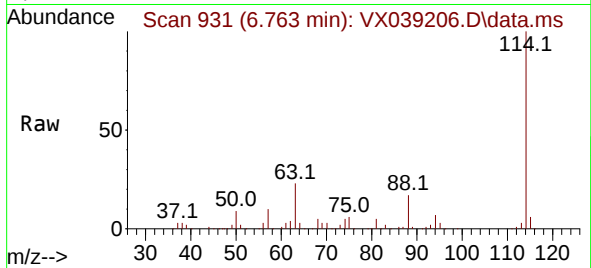




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

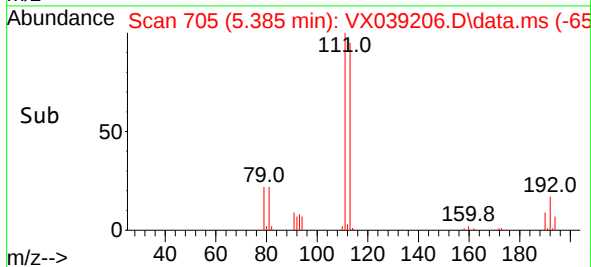
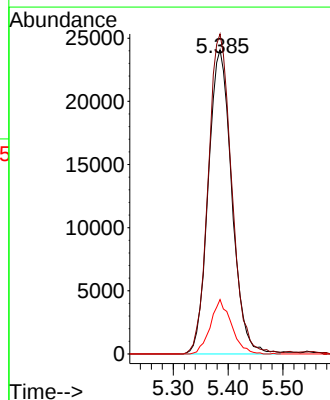
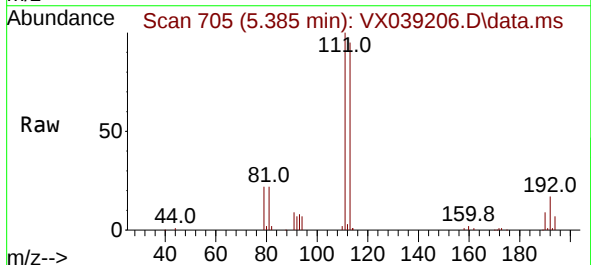
Instrument :
MSVOA_X
ClientSampleId :
TB-1

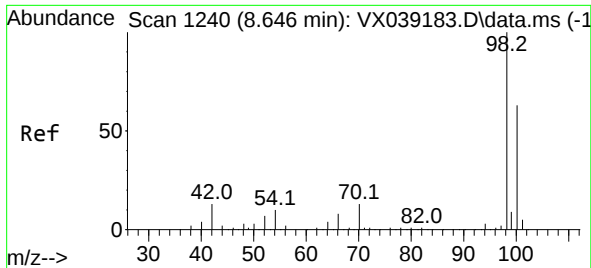
Tgt Ion:114 Resp: 216727
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.741 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

Tgt Ion:113 Resp: 71481
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 16.1 13.3 19.9

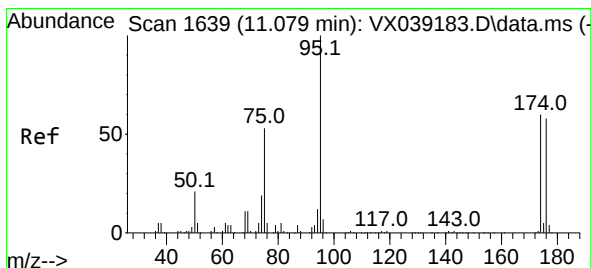
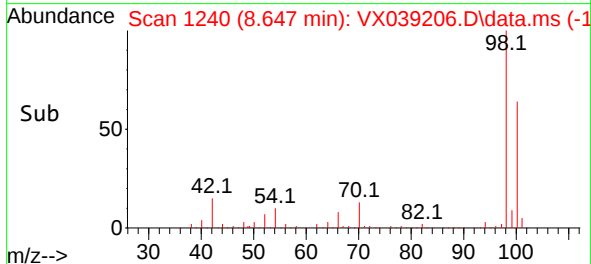
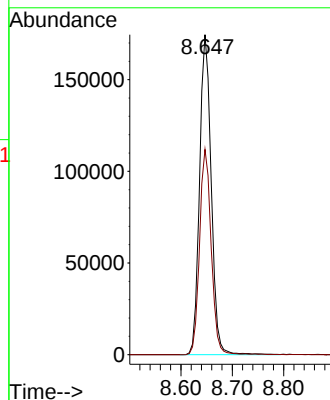
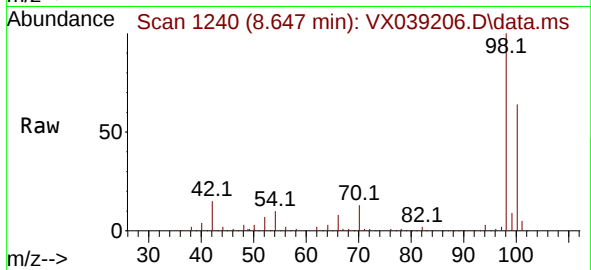




#50
Toluene-d8
Concen: 49.416 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

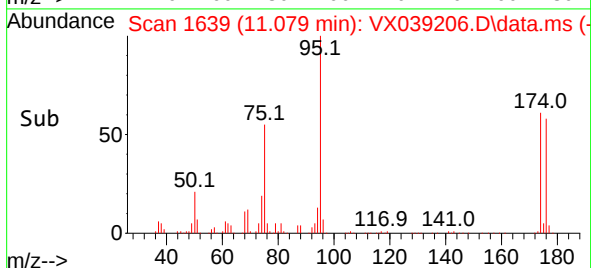
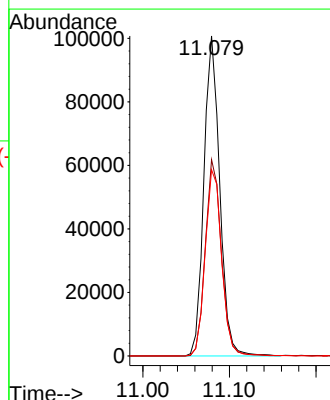
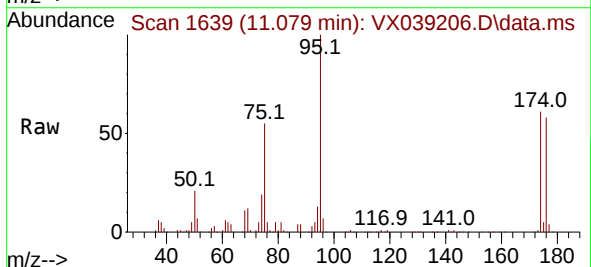
Instrument :
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TB-1

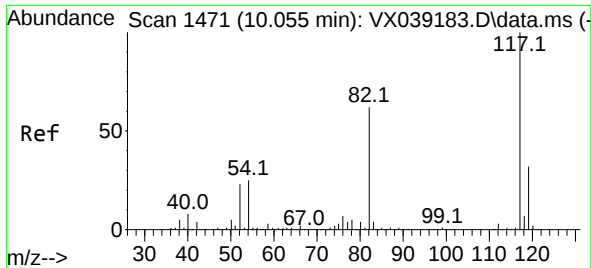
Tgt Ion: 98 Resp: 274686
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

Tgt Ion: 95 Resp: 127958
Ion Ratio Lower Upper
95 100
174 62.5 0.0 135.6
176 60.7 0.0 131.0

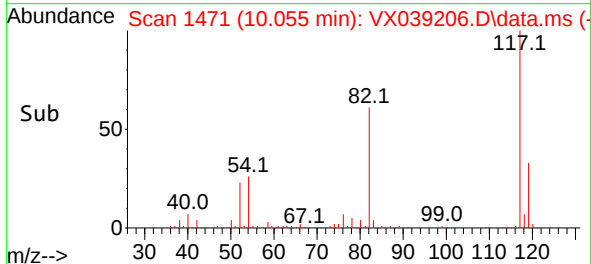
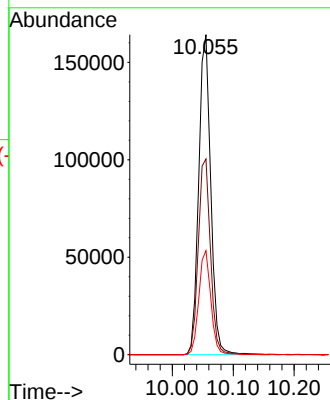
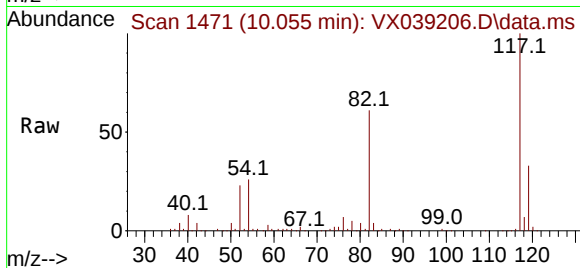




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039206.D
Acq: 14 Dec 2023 14:25

Instrument :
MSVOA_X
ClientSampleId :
TB-1

Tgt Ion:117 Resp: 224975
Ion Ratio Lower Upper
117 100
82 61.2 46.2 69.4
119 32.5 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: VX039206.D
Acq: 14 Dec 2023 14:25

Tgt Ion:152 Resp: 117779
Ion Ratio Lower Upper
152 100
115 67.3 43.3 129.9
150 158.3 0.0 345.0

