

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039163.D
 Acq On : 12 Dec 2023 14:16
 Operator : JC/MD
 Sample : 05729-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 13 04:16:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	109966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94994	53.610	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.220%	
35) Dibromofluoromethane	5.385	113	73951	45.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.840%	
50) Toluene-d8	8.647	98	283947	45.584	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.160%#	
62) 4-Bromofluorobenzene	11.079	95	128203	51.414	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.820%	

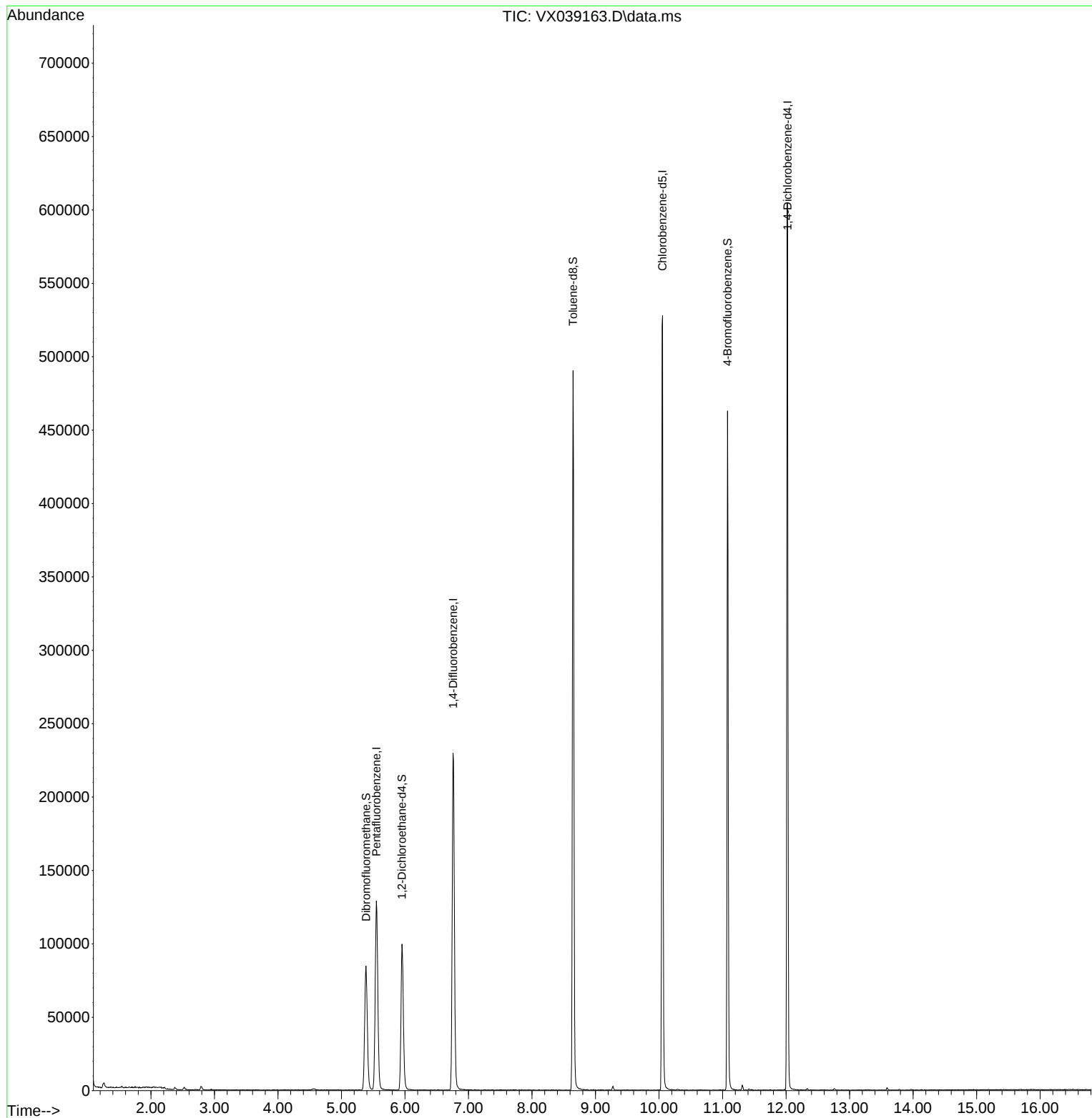
Target Compounds	Qvalue

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

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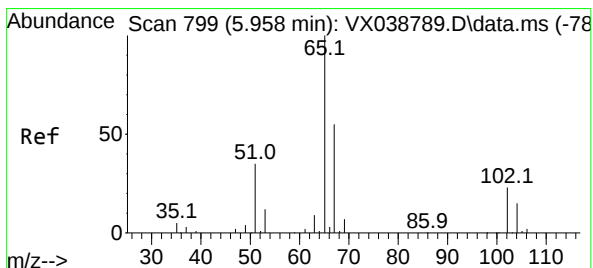
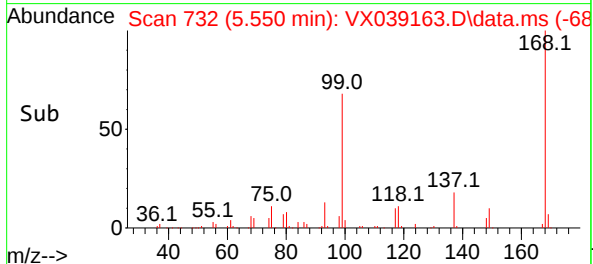
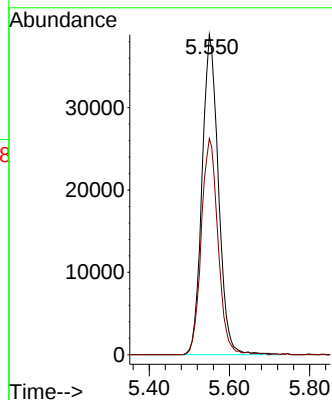
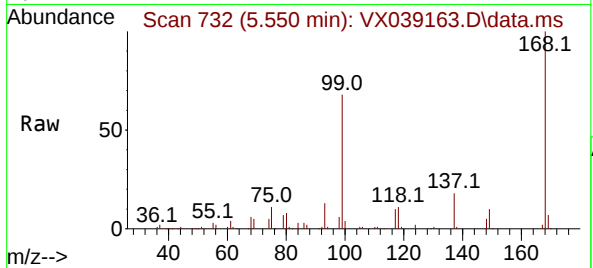




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

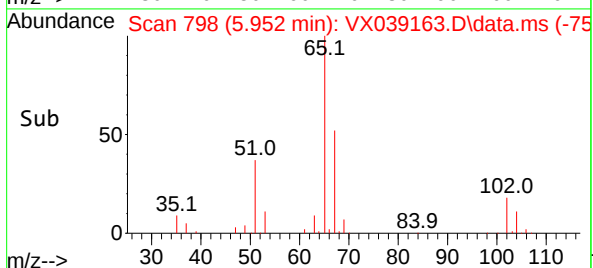
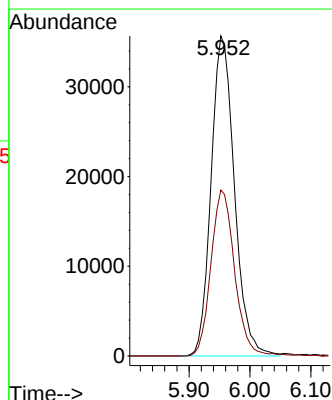
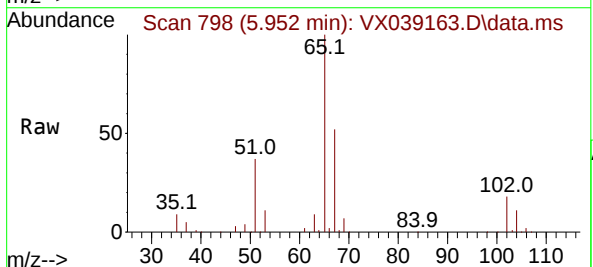
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

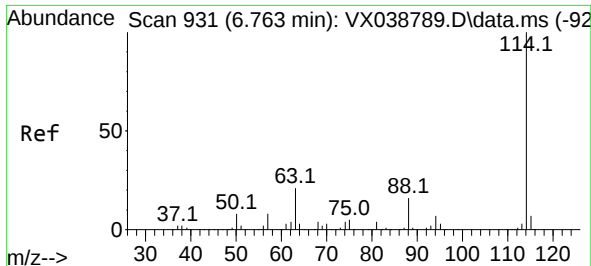
Tgt Ion:168 Resp: 109966
Ion Ratio Lower Upper
168 100
99 67.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 53.610 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Tgt Ion: 65 Resp: 94994
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

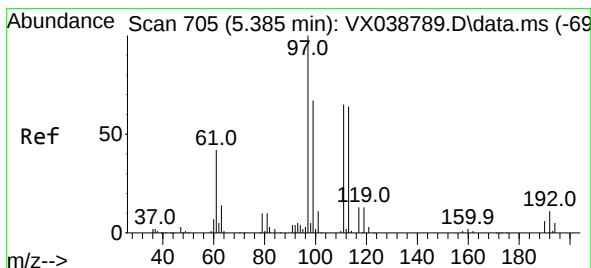
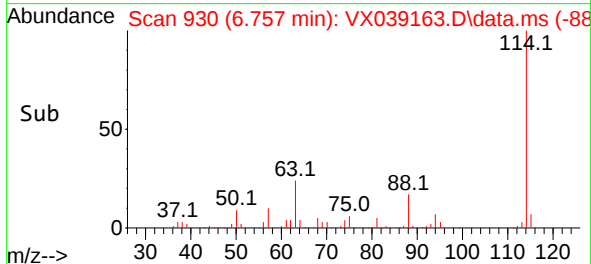
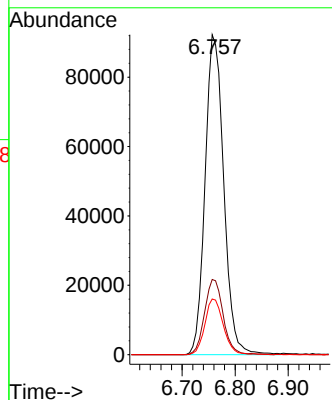
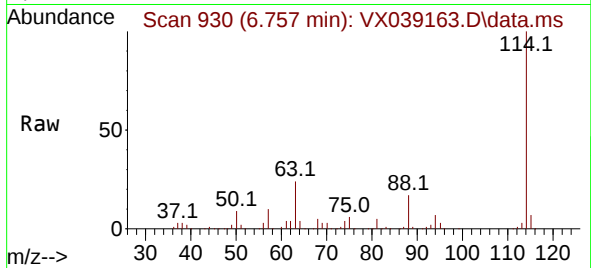




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

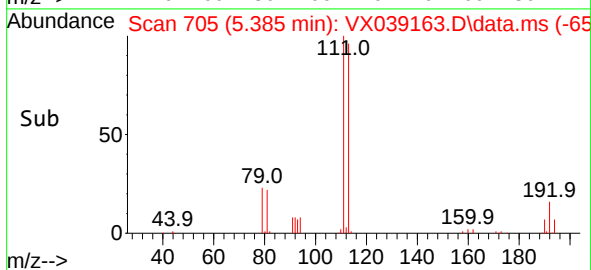
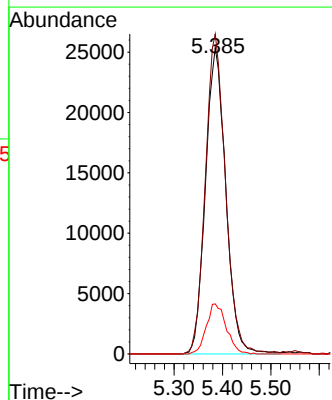
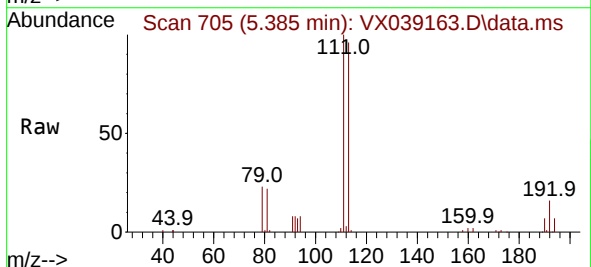
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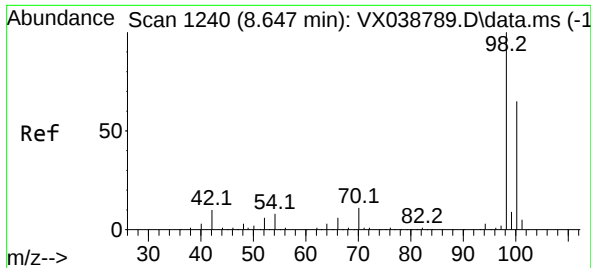
Tgt Ion:114 Resp: 225423
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Tgt Ion:113 Resp: 73951
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.1 13.3 19.9

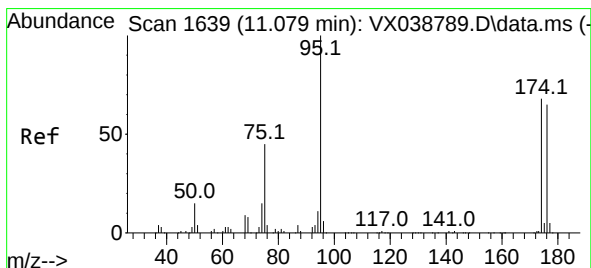
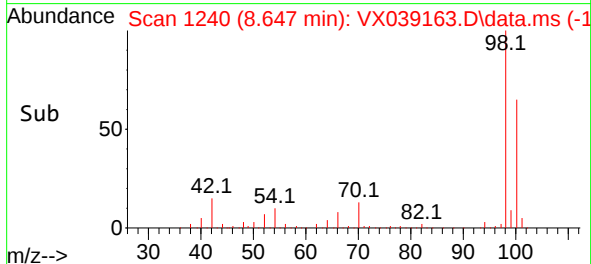
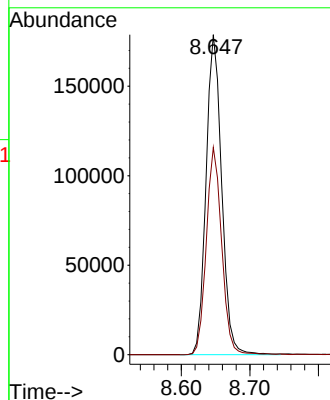
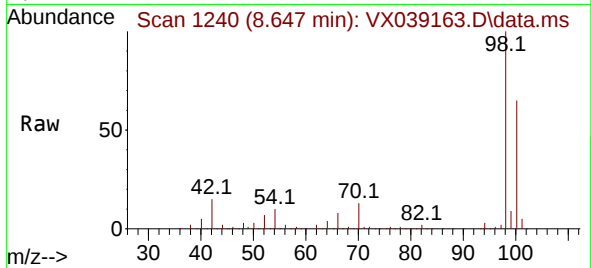




#50
Toluene-d8
Concen: 45.584 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

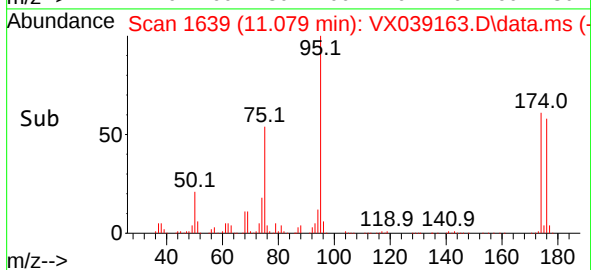
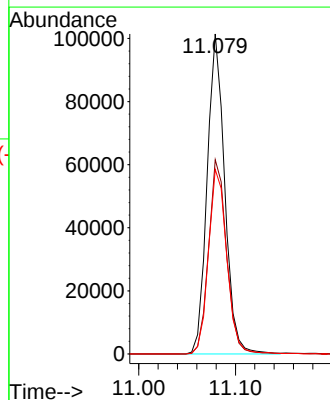
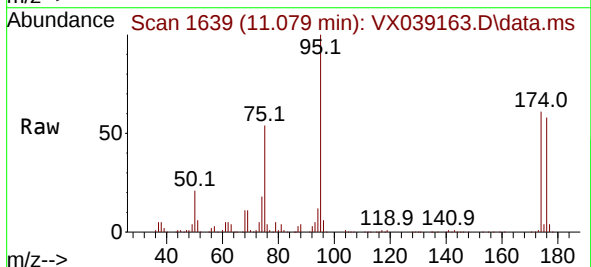
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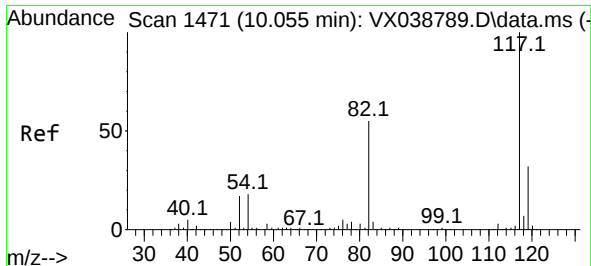
Tgt Ion: 98 Resp: 283947
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Tgt Ion: 95 Resp: 128203
Ion Ratio Lower Upper
95 100
174 62.4 0.0 135.6
176 60.3 0.0 131.0

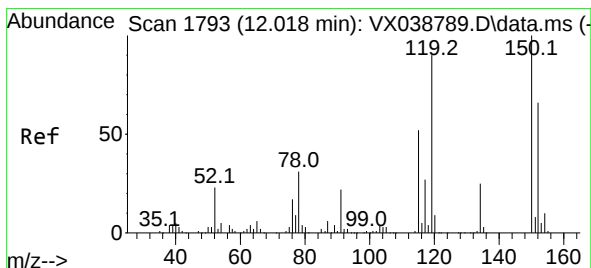
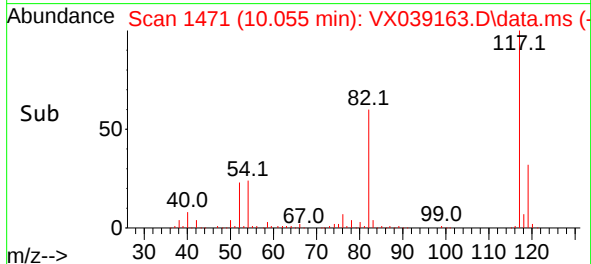
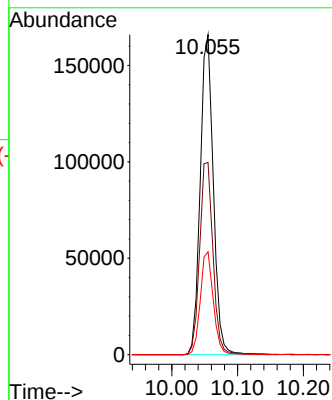
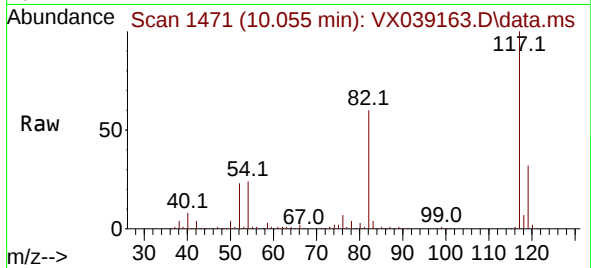




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 230378
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039163.D
Acq: 12 Dec 2023 14:16

Tgt Ion:152 Resp: 114320
Ion Ratio Lower Upper
152 100
115 67.1 43.3 129.9
150 157.9 0.0 345.0

