

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038409.D
 Acq On : 20 Oct 2023 17:49
 Operator : JC/MD
 Sample : 04987-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 21 01:47:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	118980	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	210730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85498	44.676	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.360%
35) Dibromofluoromethane	5.385	113	70616	46.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.020%
50) Toluene-d8	8.647	98	265642	45.782	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.560%#
62) 4-Bromofluorobenzene	11.079	95	103042	46.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.680%

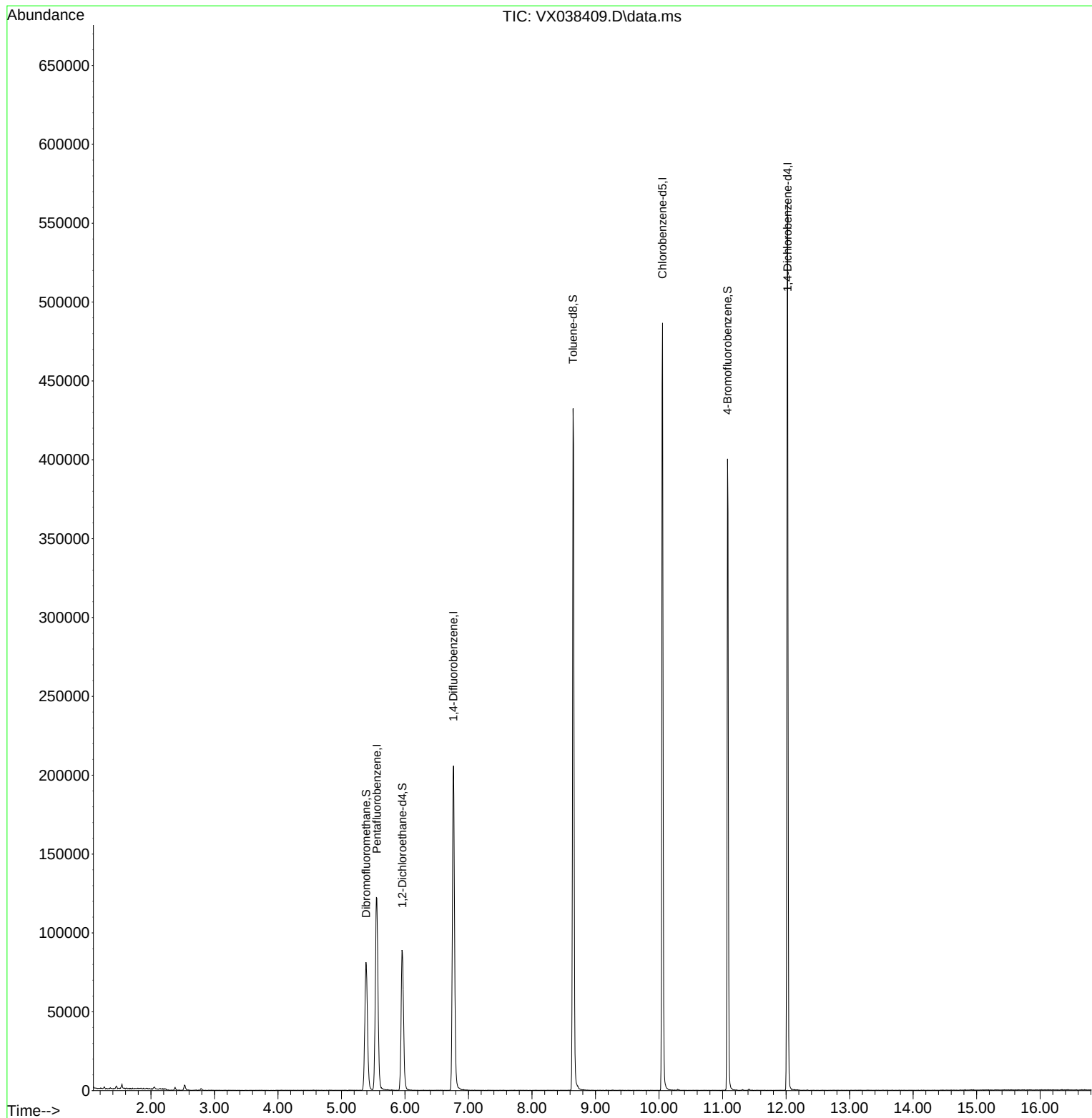
Target Compounds	Qvalue

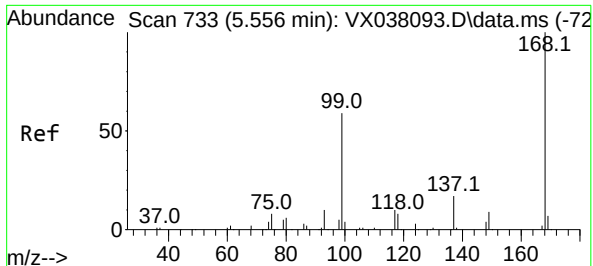
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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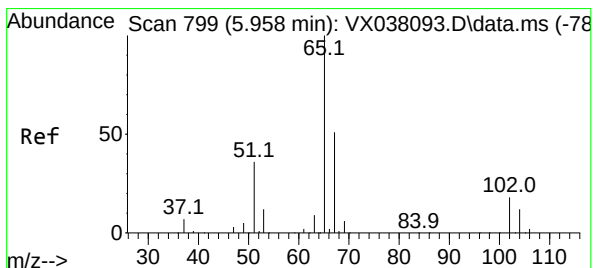
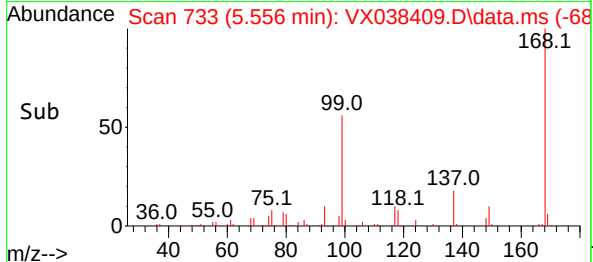
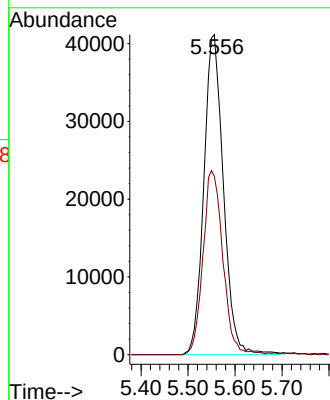
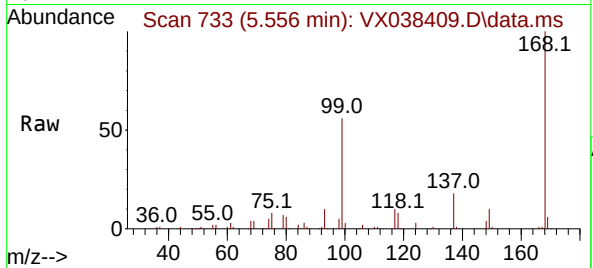




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038409.D
Acq: 20 Oct 2023 17:49

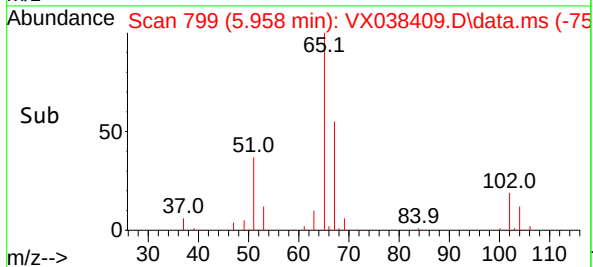
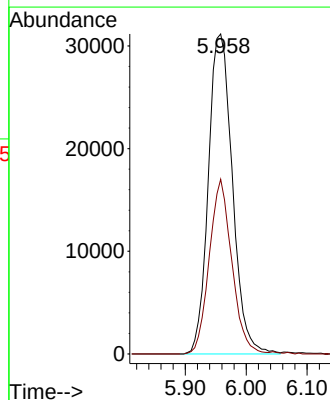
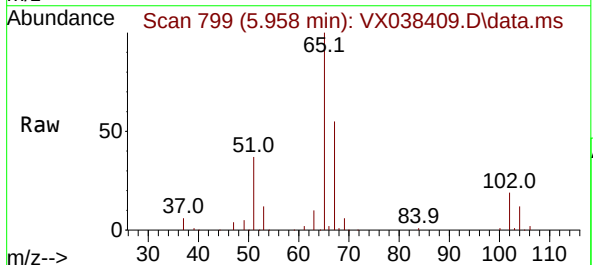
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

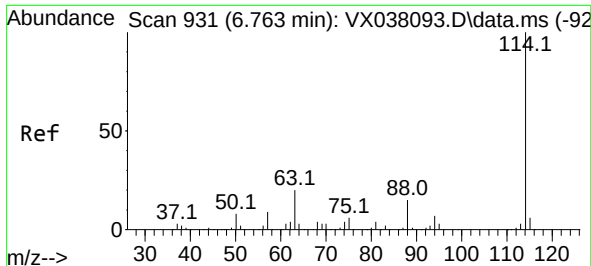
Tgt Ion:168 Resp: 118980
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 44.676 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038409.D
Acq: 20 Oct 2023 17:49

Tgt Ion: 65 Resp: 85498
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

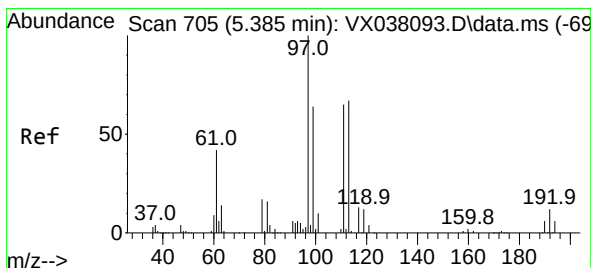
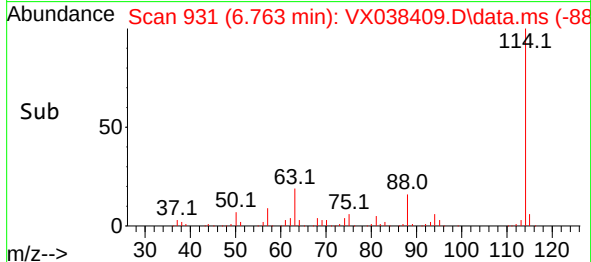
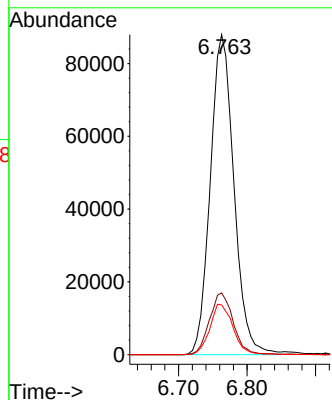
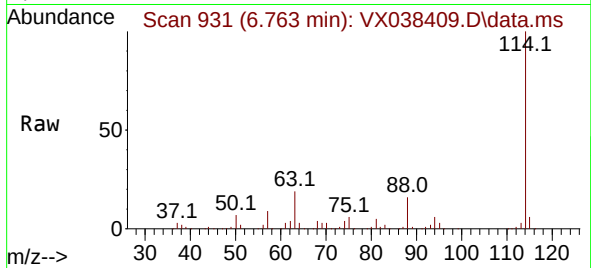




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038409.D
Acq: 20 Oct 2023 17:49

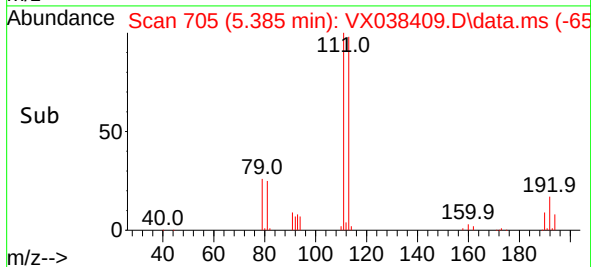
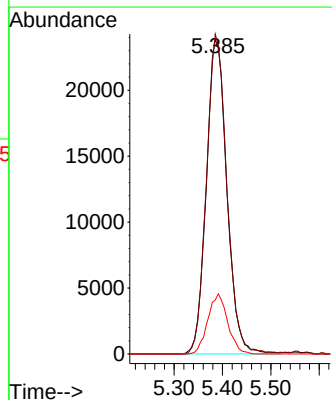
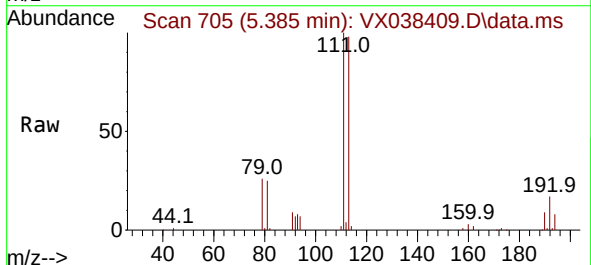
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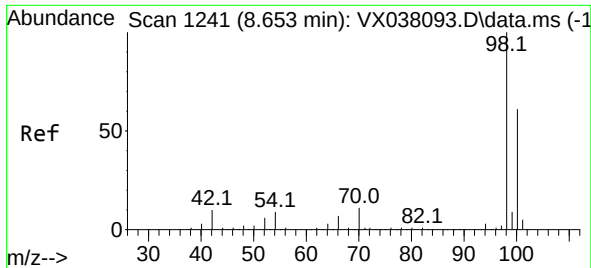
Tgt Ion:114 Resp: 210730
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.506 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038409.D
Acq: 20 Oct 2023 17:49

Tgt Ion:113 Resp: 70616
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 18.5 13.3 19.9

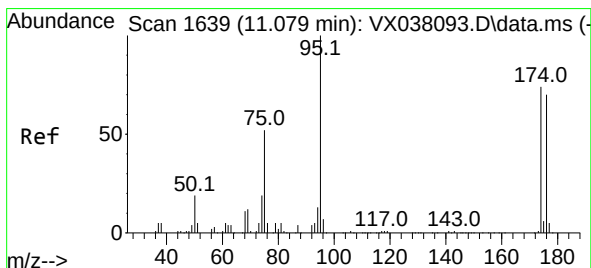
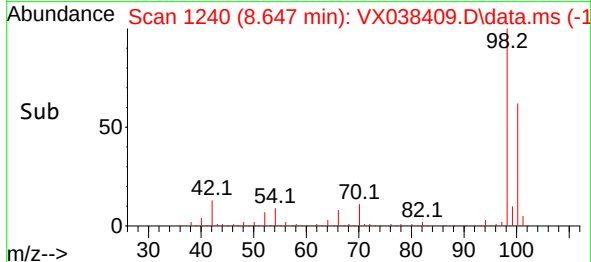
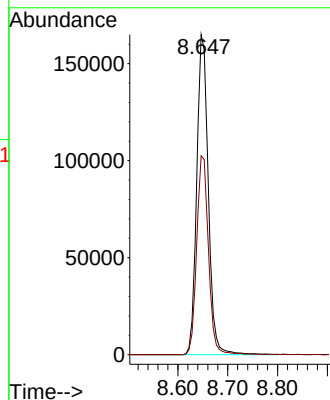
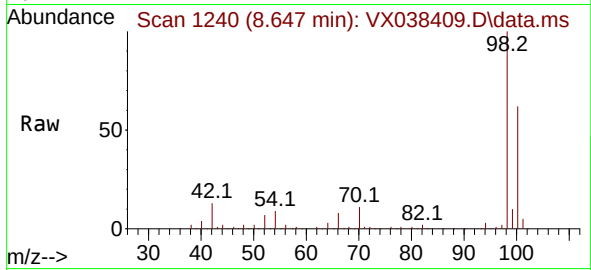




#50
Toluene-d8
Concen: 45.782 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038409.D
Acq: 20 Oct 2023 17:49

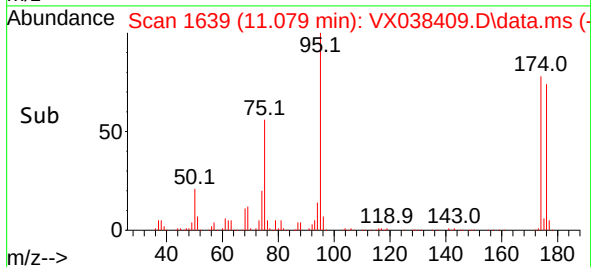
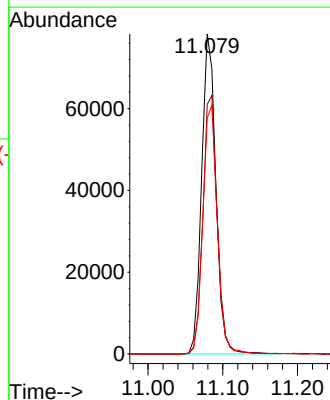
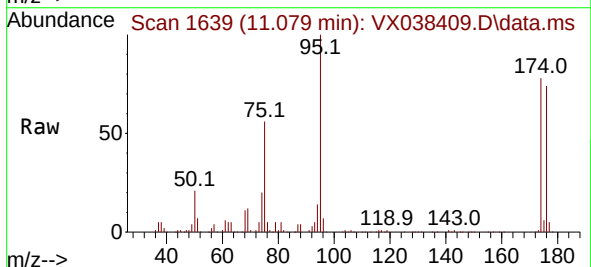
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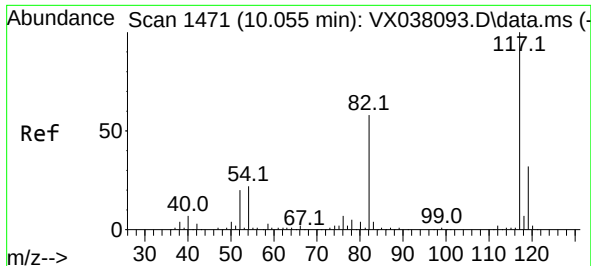
Tgt Ion: 98 Resp: 265642
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.843 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038409.D
Acq: 20 Oct 2023 17:49

Tgt Ion: 95 Resp: 103042
Ion Ratio Lower Upper
95 100
174 82.0 0.0 135.6
176 79.3 0.0 131.0

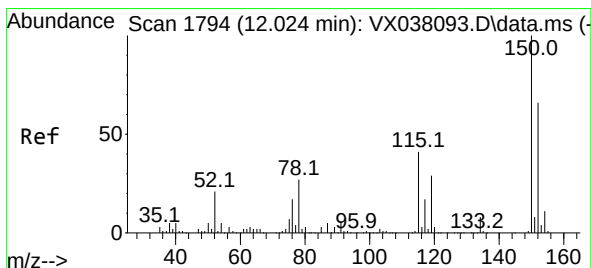
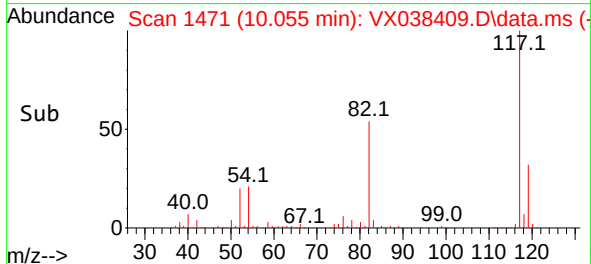
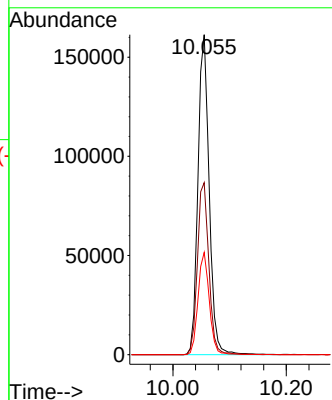
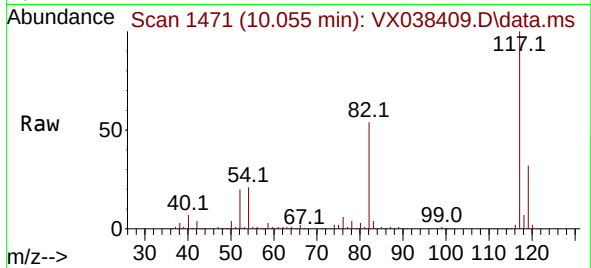




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038409.D
Acq: 20 Oct 2023 17:49

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

Tgt Ion:117 Resp: 221152
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038409.D
Acq: 20 Oct 2023 17:49

Tgt Ion:152 Resp: 116820
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 154.7 0.0 345.0

