

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044020.D
 Acq On : 26 Nov 2024 16:46
 Operator : JC/MD
 Sample : P4958-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Nov 27 00:55:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	108960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93033	49.781	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.560%
35) Dibromofluoromethane	5.379	113	69049	47.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	8.647	98	251269	49.996	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.079	95	83042	48.551	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.100%

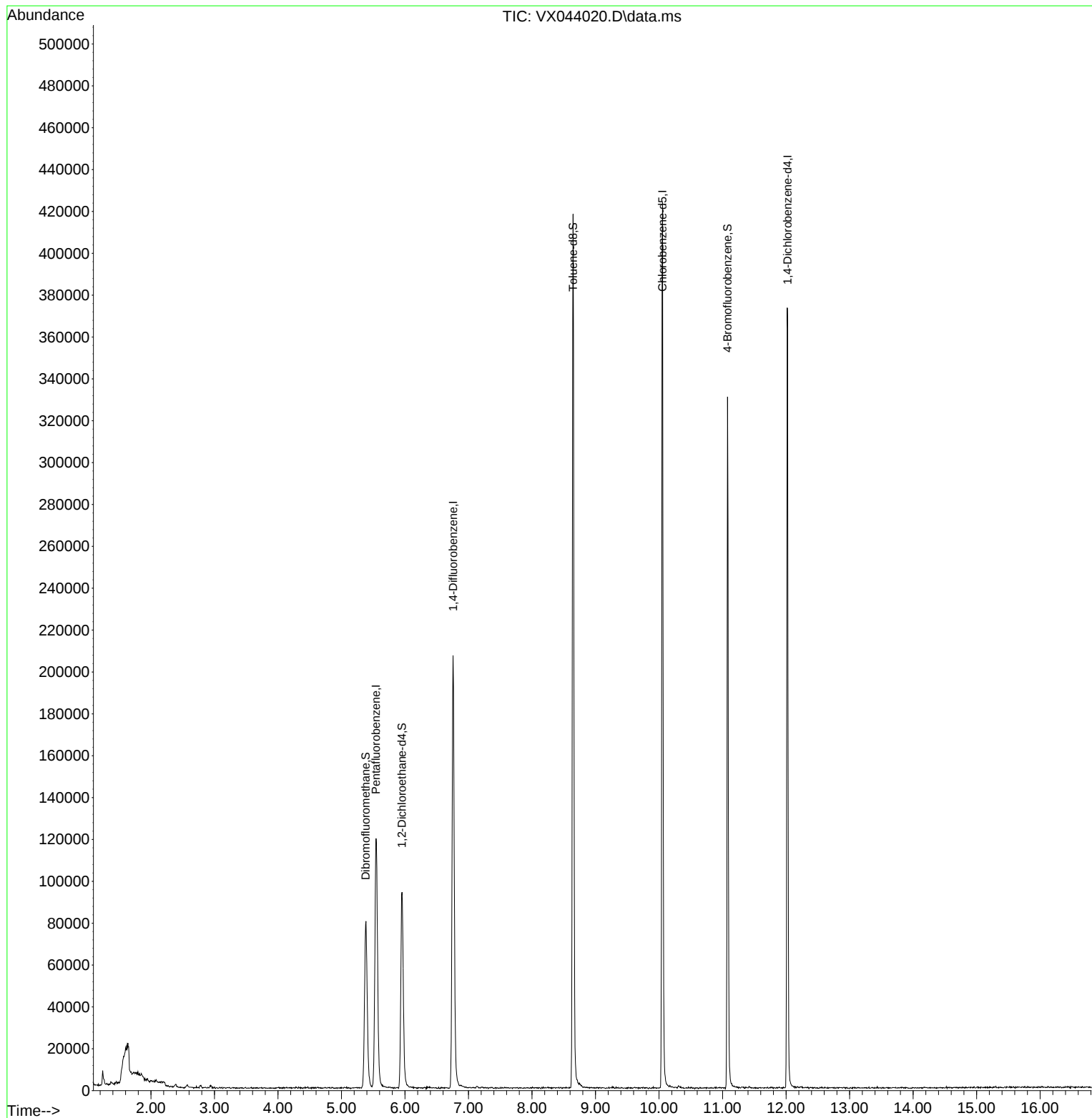
Target Compounds Qvalue

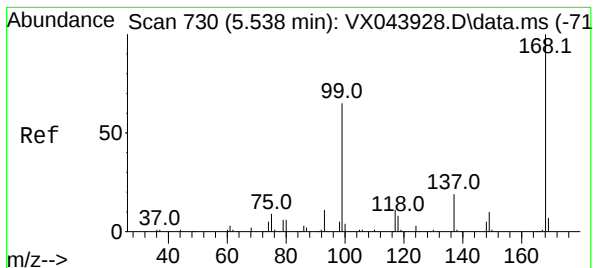
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.543 min Scan# 71

Delta R.T. 0.005 min

Lab File: VX044020.D

Acq: 26 Nov 2024 16:46

Instrument :

MSVOA_X

ClientSampleId :

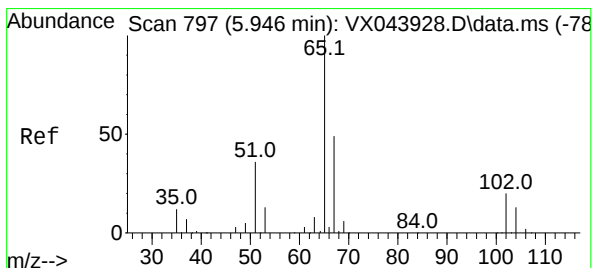
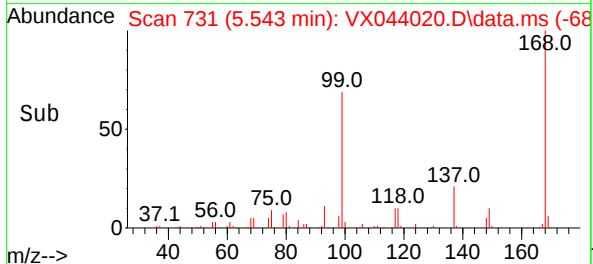
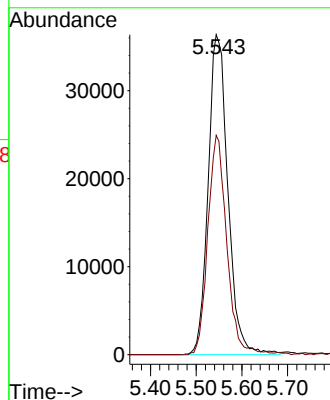
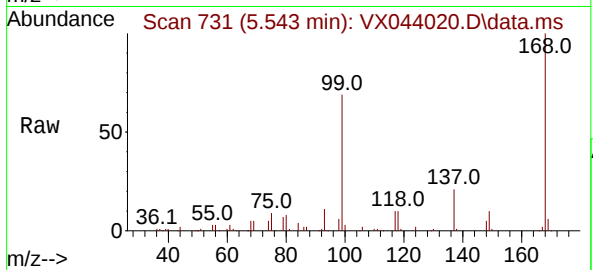
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 108960

Ion Ratio Lower Upper

168 100

99 68.5 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 49.781 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044020.D

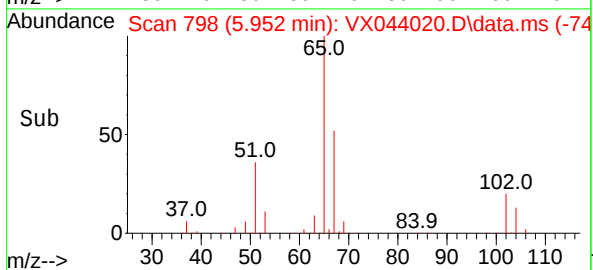
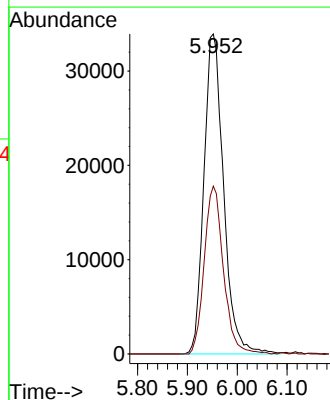
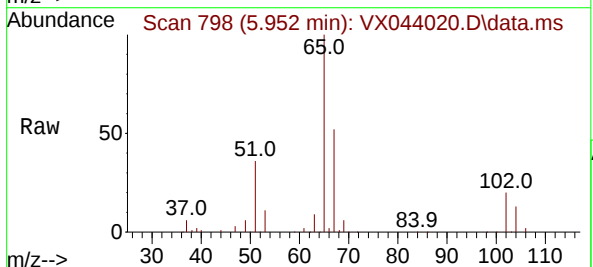
Acq: 26 Nov 2024 16:46

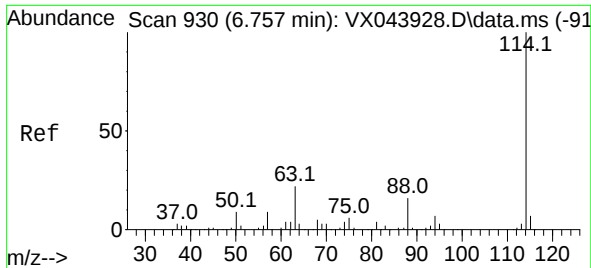
Tgt Ion: 65 Resp: 93033

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8

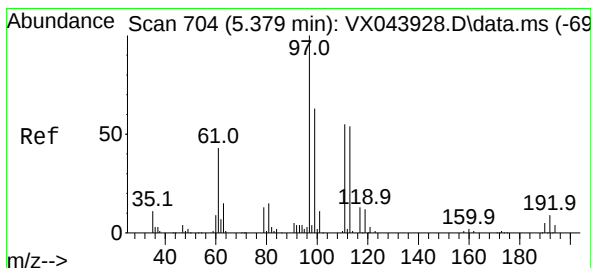
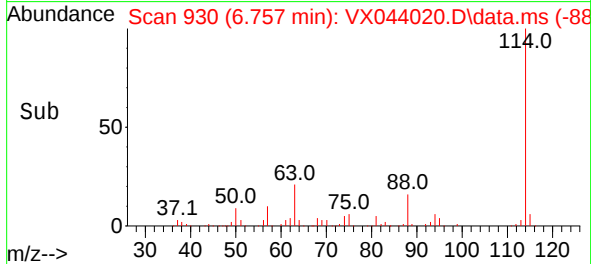
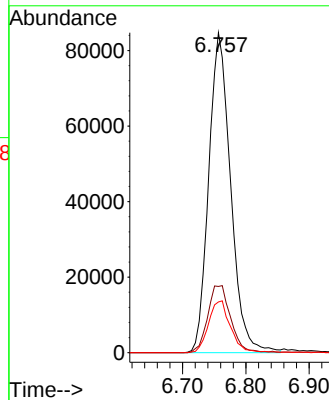
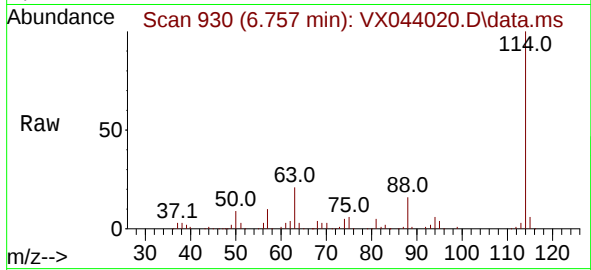




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

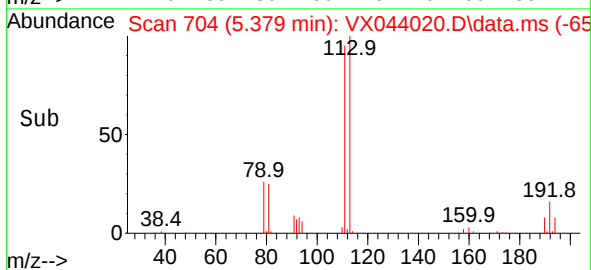
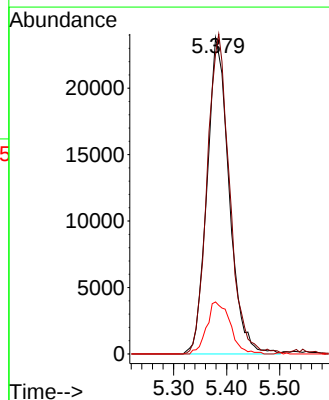
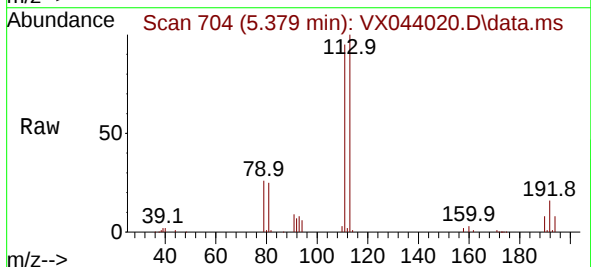
Instrument :
MSVOA_X
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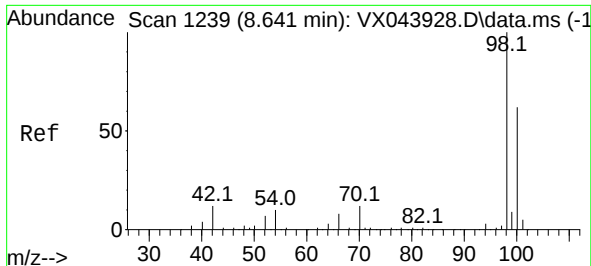
Tgt Ion:114 Resp: 204039
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.0
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.360 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

Tgt Ion:113 Resp: 69049
Ion Ratio Lower Upper
113 100
111 101.8 81.0 121.4
192 17.5 13.0 19.6





#50

Toluene-d8

Concen: 49.996 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044020.D

Acq: 26 Nov 2024 16:46

Instrument :

MSVOA_X

ClientSampleId :

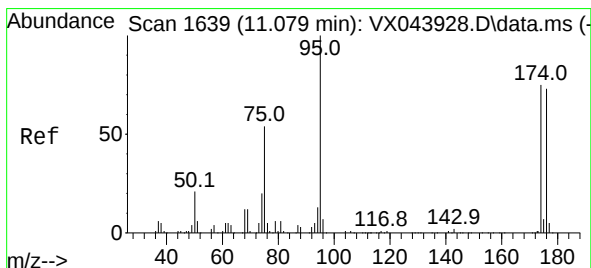
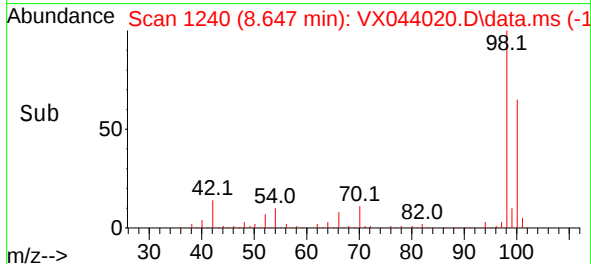
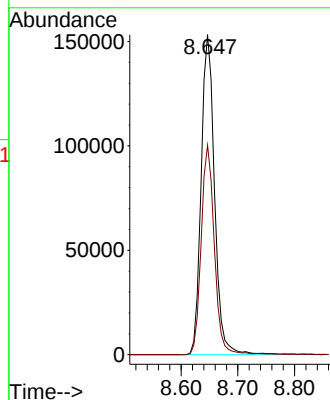
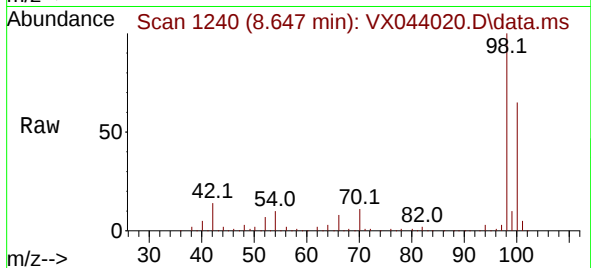
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 251269

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 48.551 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044020.D

Acq: 26 Nov 2024 16:46

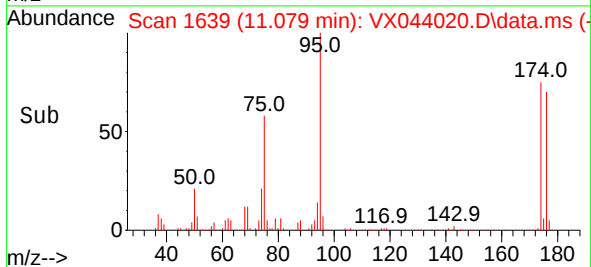
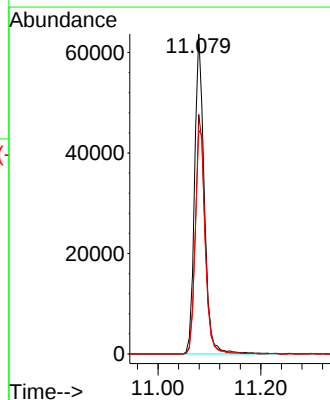
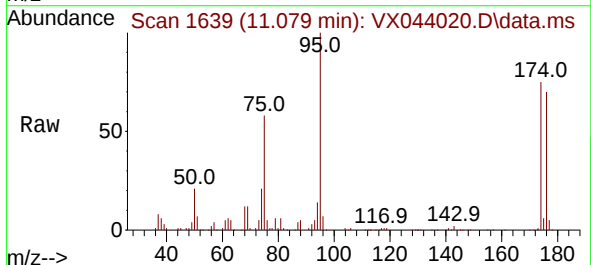
Tgt Ion: 95 Resp: 83042

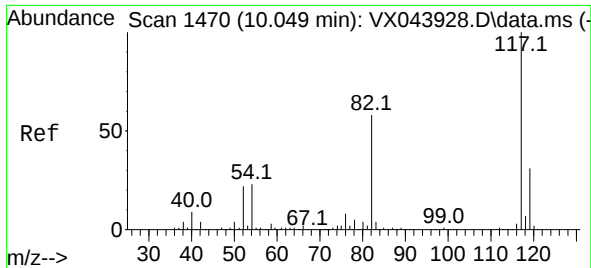
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.4

176 72.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044020.D

Acq: 26 Nov 2024 16:46

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

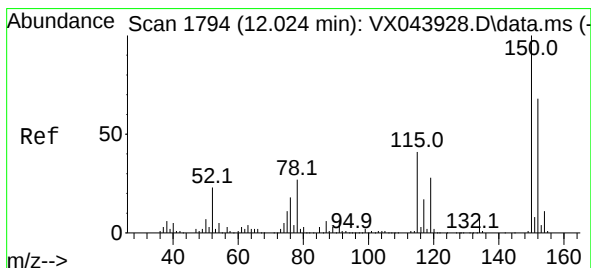
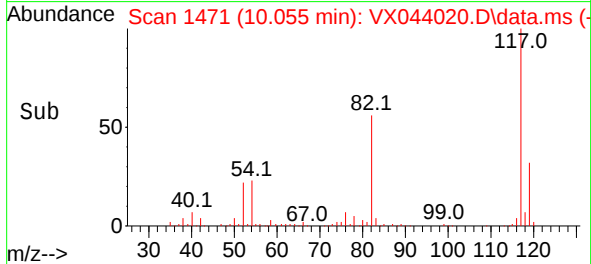
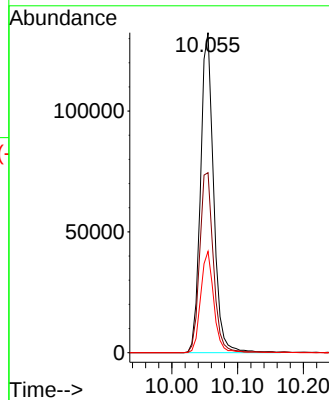
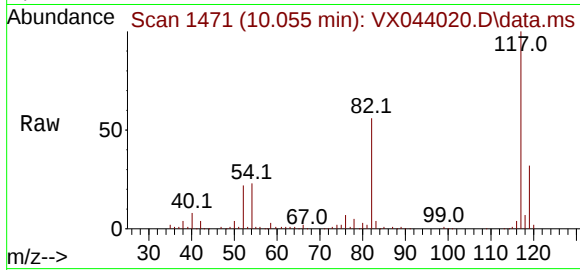
Tgt Ion:117 Resp: 183579

Ion Ratio Lower Upper

117 100

82 56.2 46.4 69.6

119 31.7 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044020.D

Acq: 26 Nov 2024 16:46

Tgt Ion:152 Resp: 75572

Ion Ratio Lower Upper

152 100

115 62.7 45.4 136.2

150 154.0 0.0 353.0

