

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031899.D
 Acq On : 05 Oct 2022 16:53
 Operator : JC/MD
 Sample : N4943-03
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-002-0930

Quant Time: Oct 05 17:17:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

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

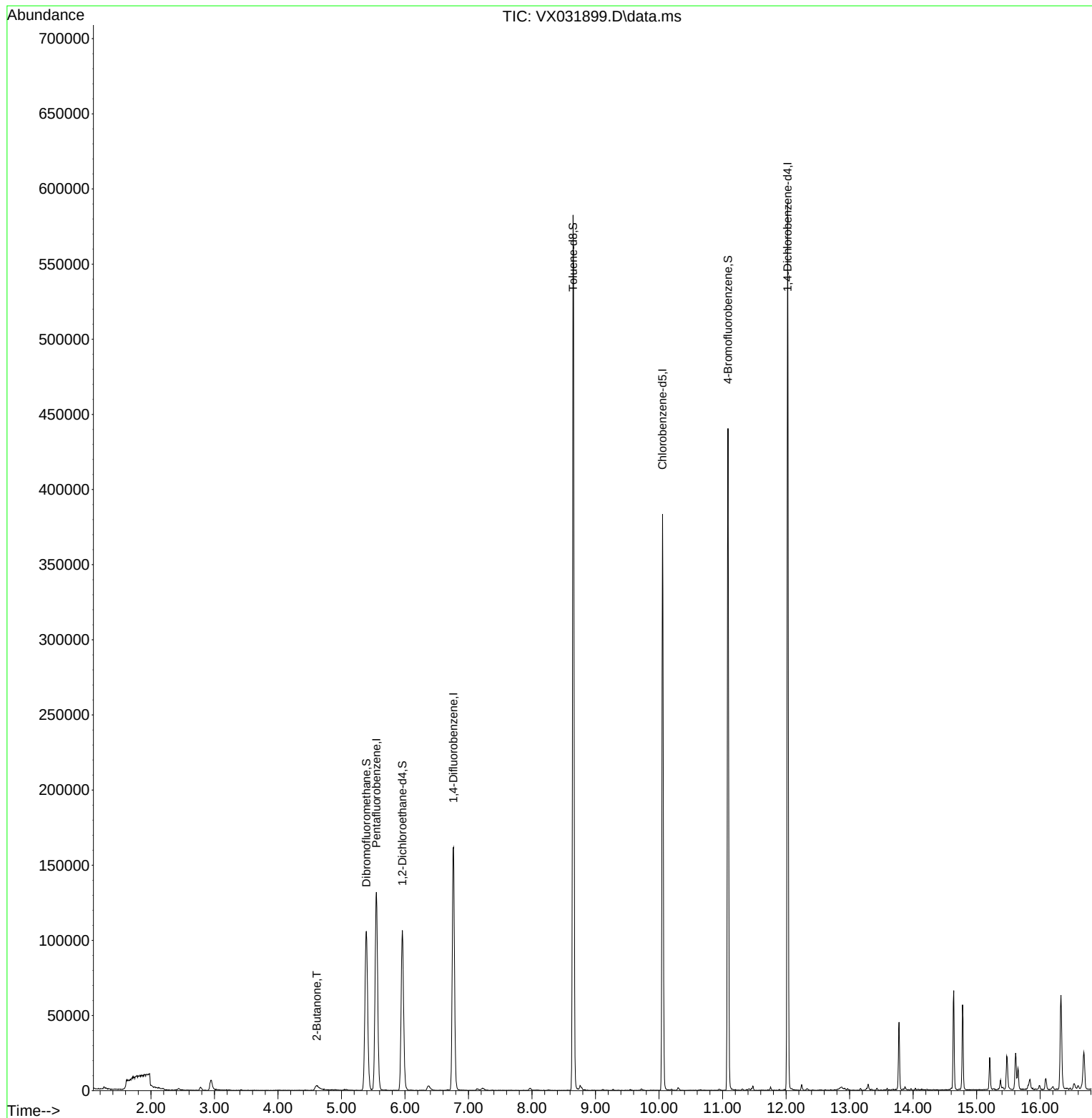
Internal Standards						
1) Pentafluorobenzene	5.550	168	144151	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	197217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101109	46.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.140%
35) Dibromofluoromethane	5.391	113	95893	44.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.880%
50) Toluene-d8	8.647	98	367370	48.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.140%
62) 4-Bromofluorobenzene	11.085	95	120141	43.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.400%
Target Compounds						
25) 2-Butanone	4.611	43	8889	8.874	ug/l	# 74

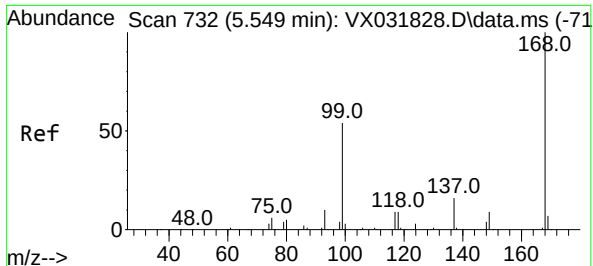
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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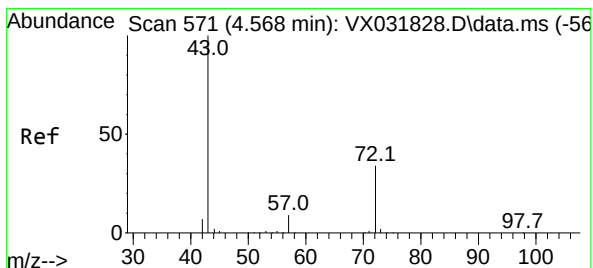
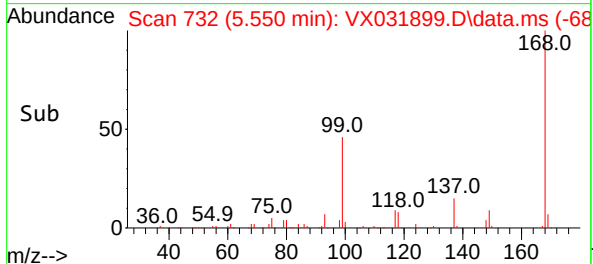
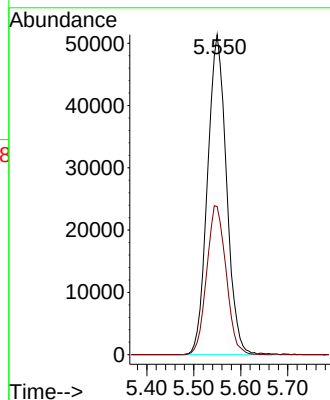
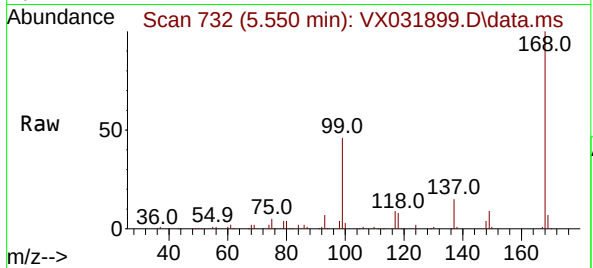




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031899.D
Acq: 05 Oct 2022 16:53

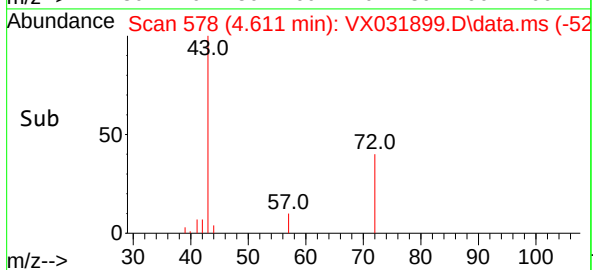
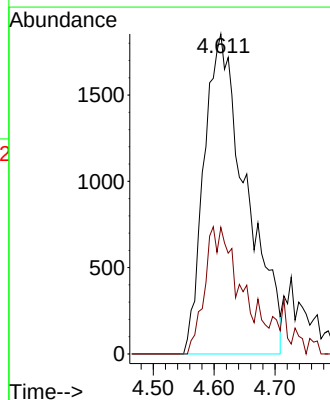
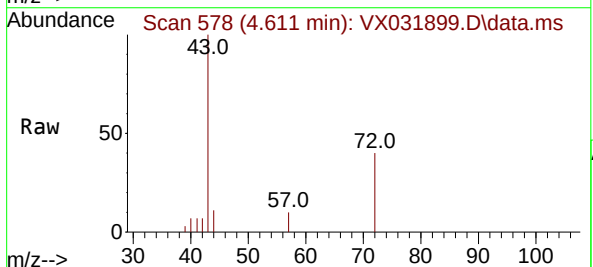
Instrument :
MSVOA_X
ClientSampleId :
SOIL-002-0930

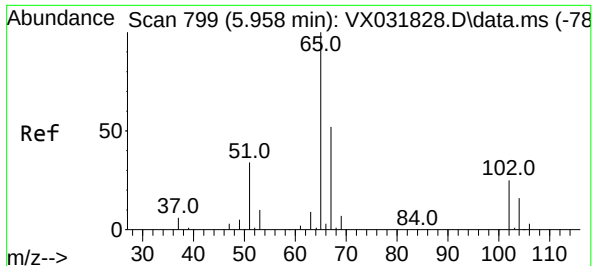
Tgt Ion:168 Resp: 144151
Ion Ratio Lower Upper
168 100
99 46.3 48.8 73.2#



#25
2-Butanone
Concen: 8.874 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX031899.D
Acq: 05 Oct 2022 16:53

Tgt Ion: 43 Resp: 8889
Ion Ratio Lower Upper
43 100
72 39.5 21.1 31.7#





#33

1,2-Dichloroethane-d4

Concen: 46.569 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031899.D

Acq: 05 Oct 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

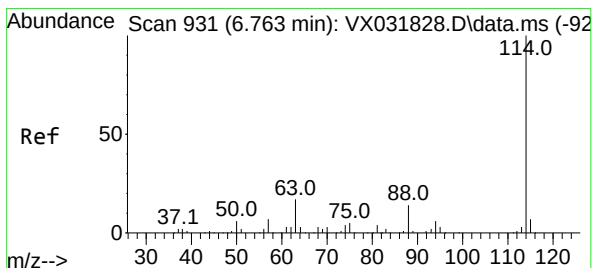
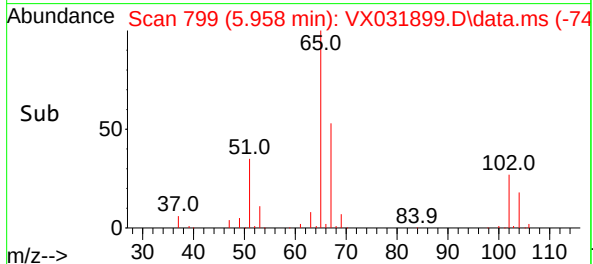
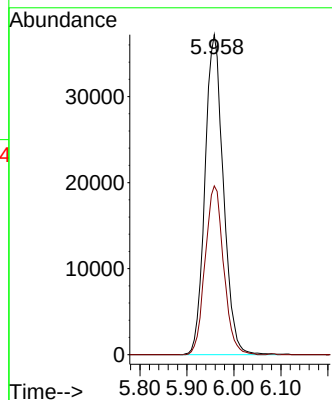
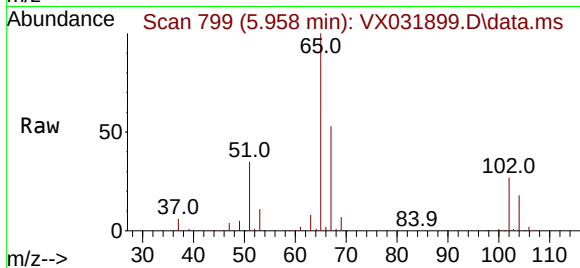
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Tgt Ion: 65 Resp: 101109

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031899.D

Acq: 05 Oct 2022 16:53

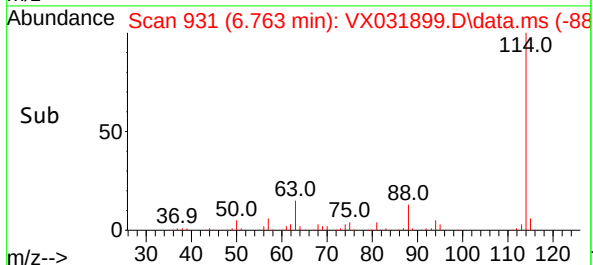
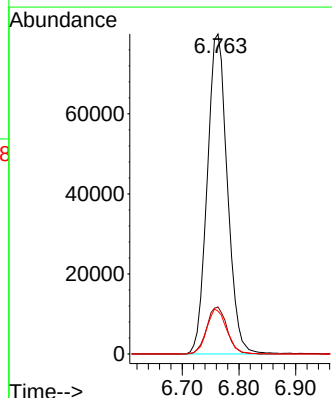
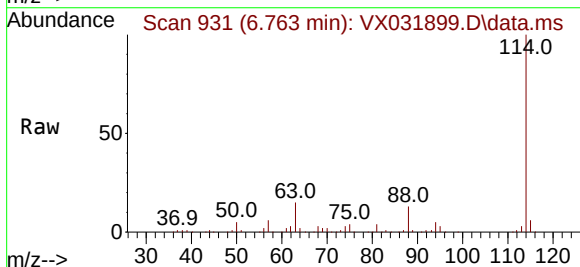
Tgt Ion: 114 Resp: 197217

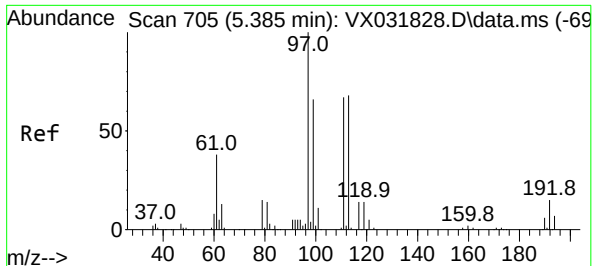
Ion Ratio Lower Upper

114 100

63 14.7 0.0 42.6

88 13.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 44.441 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031899.D

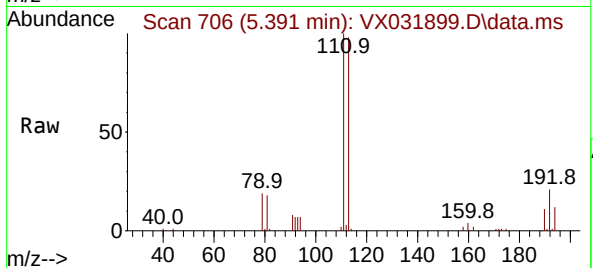
Acq: 05 Oct 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

SOIL-002-0930



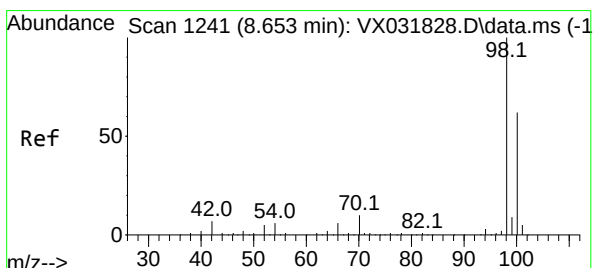
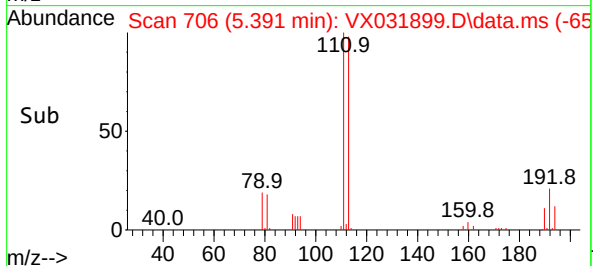
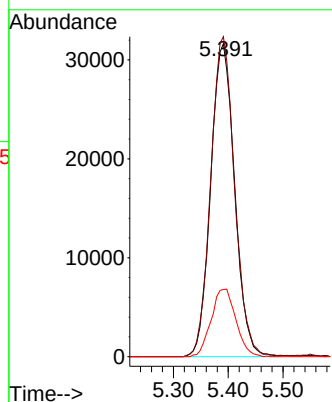
Tgt Ion:113 Resp: 95893

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 22.3 14.1 21.1#



#50

Toluene-d8

Concen: 48.065 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031899.D

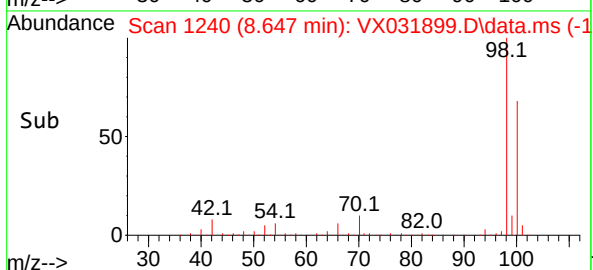
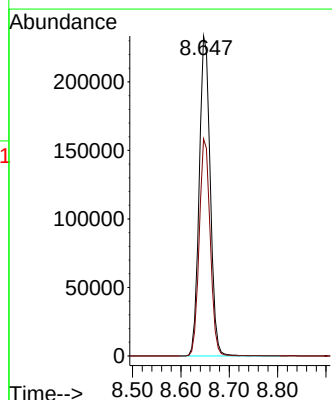
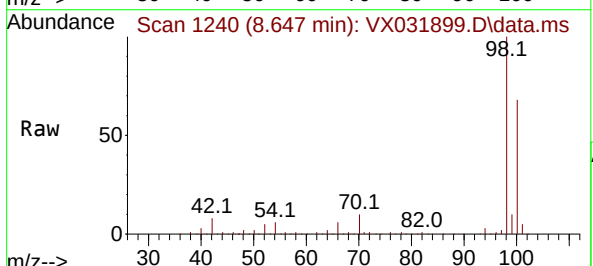
Acq: 05 Oct 2022 16:53

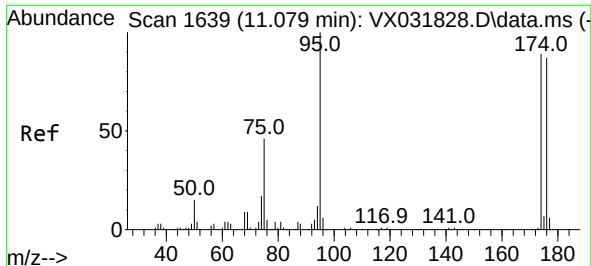
Tgt Ion: 98 Resp: 367370

Ion Ratio Lower Upper

98 100

100 67.7 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 43.699 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031899.D

Acq: 05 Oct 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

SOIL-002-0930

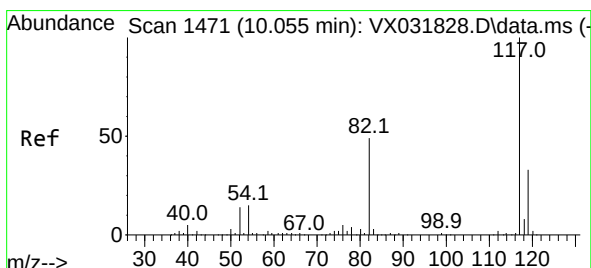
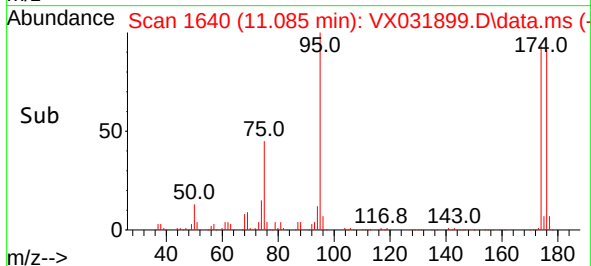
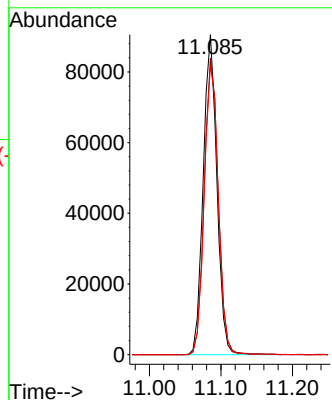
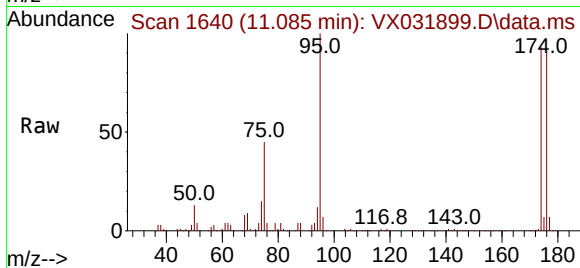
Tgt Ion: 95 Resp: 120141

Ion Ratio Lower Upper

95 100

174 94.9 0.0 153.2

176 93.1 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031899.D

Acq: 05 Oct 2022 16:53

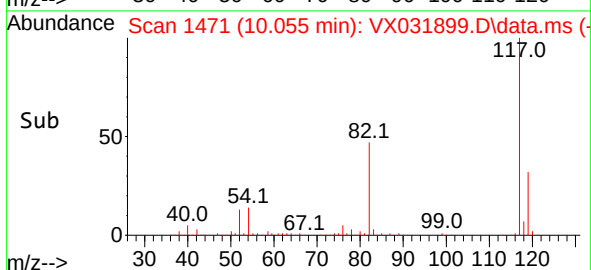
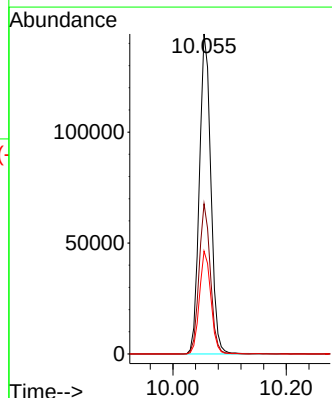
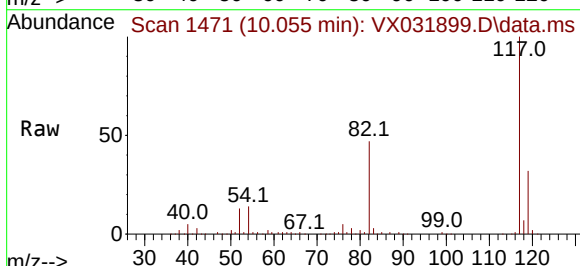
Tgt Ion: 117 Resp: 202365

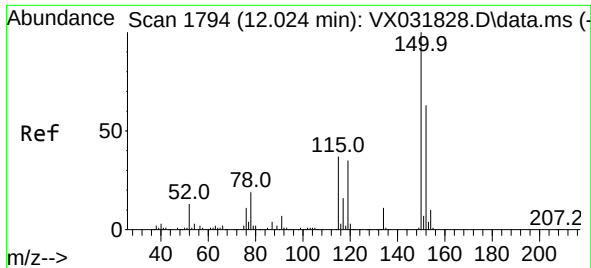
Ion Ratio Lower Upper

117 100

82 47.0 46.8 70.2

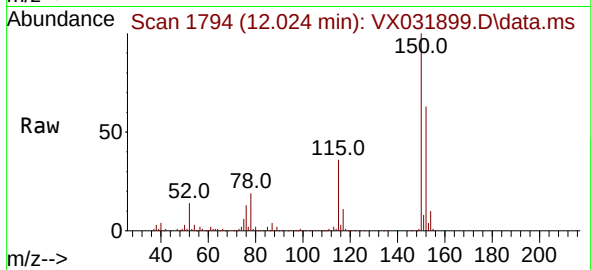
119 32.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031899.D
 Acq: 05 Oct 2022 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-002-0930



Tgt Ion:152 Resp: 136453
 Ion Ratio Lower Upper
 152 100
 115 55.2 43.4 130.1
 150 156.7 0.0 346.8

