

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049436.D
 Acq On : 28 Jun 2022 05:02
 Operator : SY/MD
 Sample : N3482-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB062222

Quant Time: Jun 28 07:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

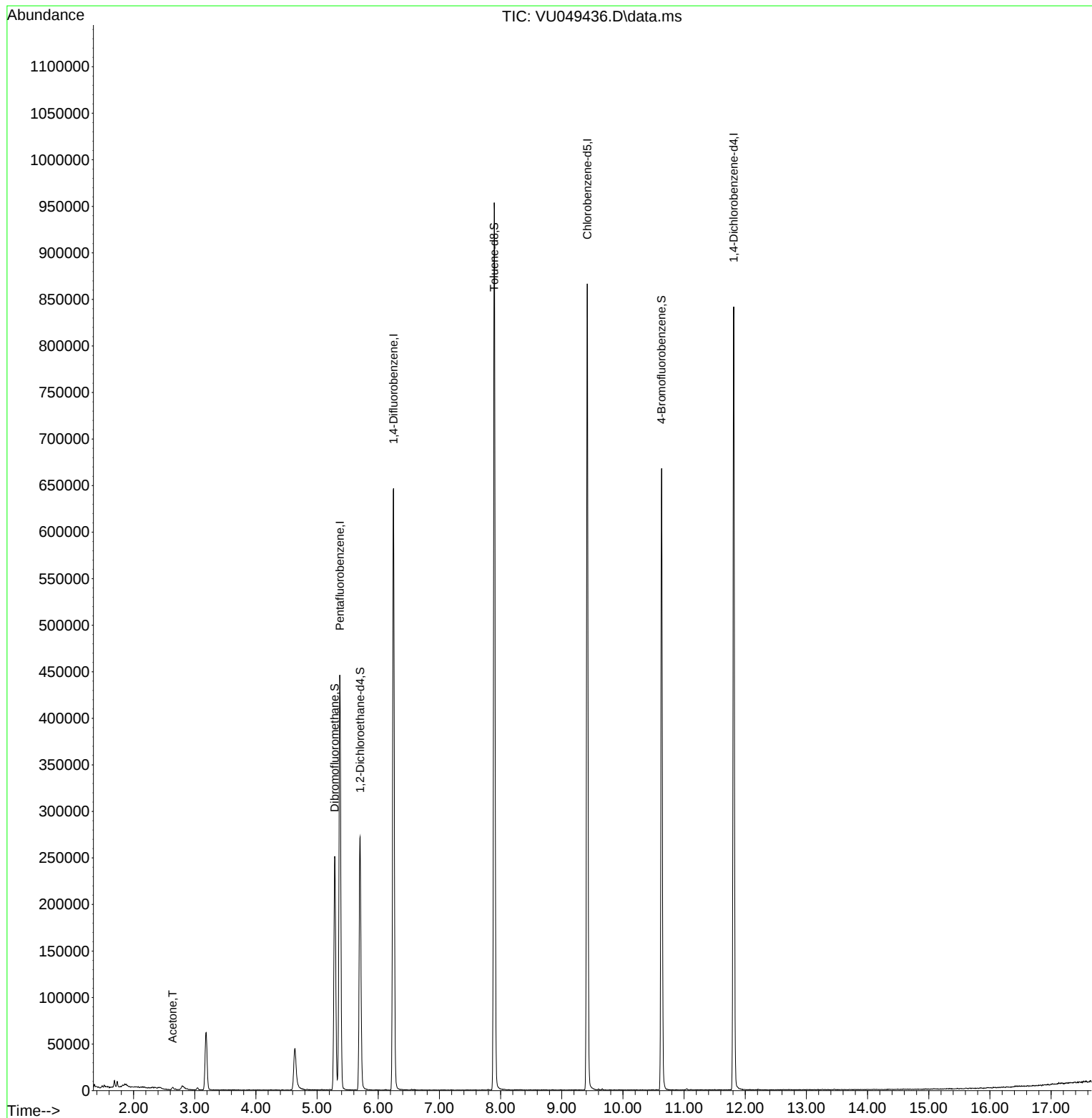
Internal Standards						
1) Pentafluorobenzene	5.372	168	307699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	530372	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	475429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	220361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	202513	42.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.480%
35) Dibromofluoromethane	5.288	113	165030	44.475	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.960%
50) Toluene-d8	7.896	98	633434	47.861	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.720%
62) 4-Bromofluorobenzene	10.632	95	231791	45.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%
Target Compounds						
16) Acetone	2.639	43	3603	1.508	ug/l	Qvalue 90

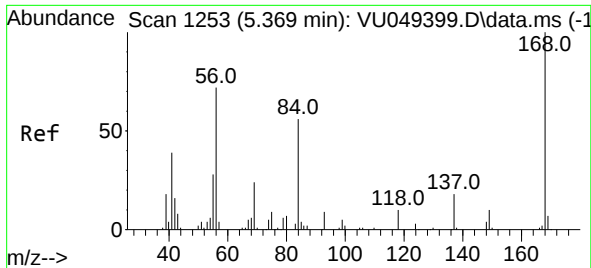
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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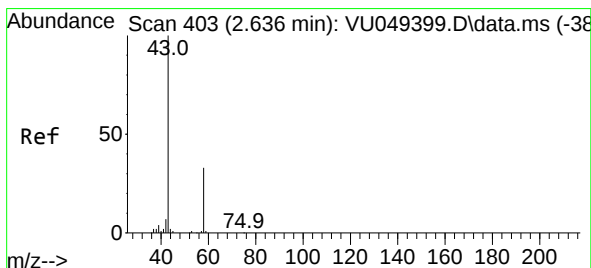
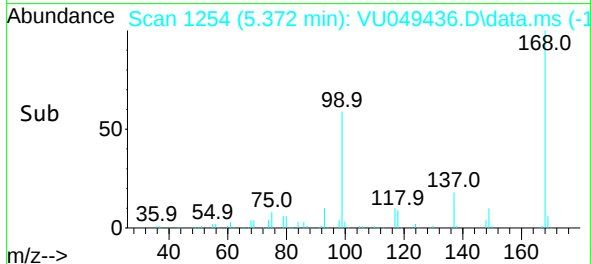
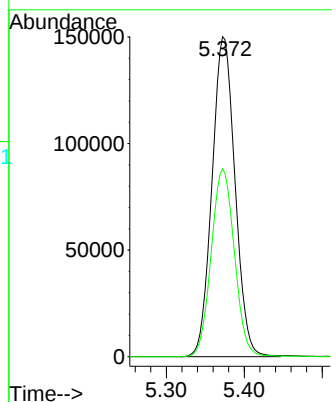
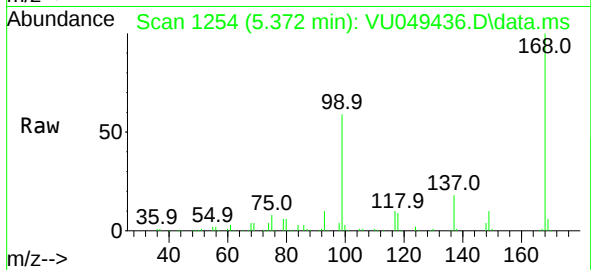




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

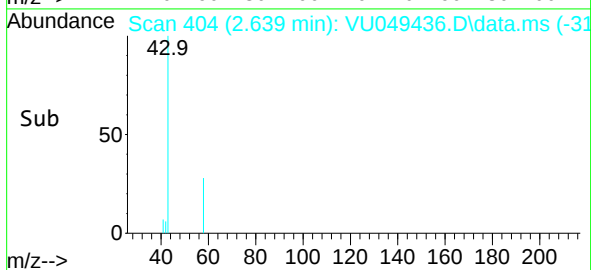
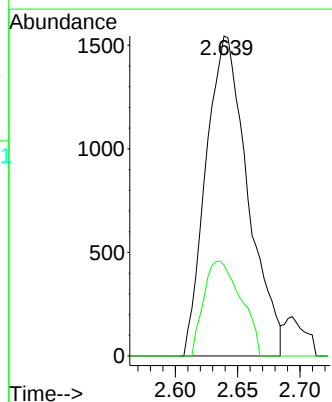
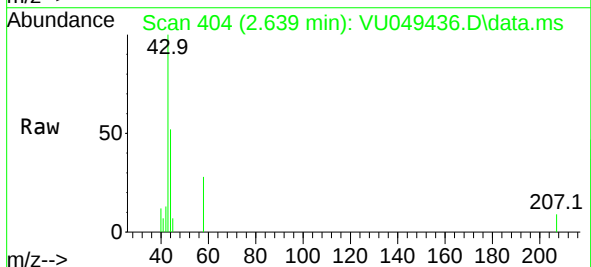
Instrument :
MSVOA_U
ClientSampleId :
FB062222

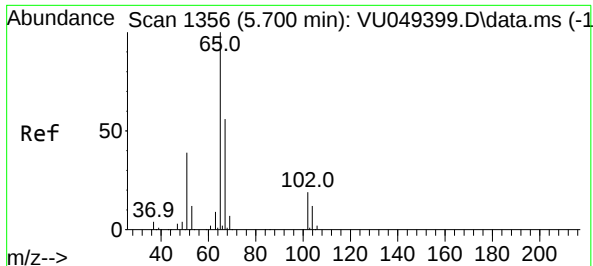
Tgt Ion:168 Resp: 307699
Ion Ratio Lower Upper
168 100
99 58.7 39.3 58.9



#16
Acetone
Concen: 1.508 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

Tgt Ion: 43 Resp: 3603
Ion Ratio Lower Upper
43 100
58 28.5 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 42.735 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049436.D

Acq: 28 Jun 2022 05:02

Instrument :

MSVOA_U

ClientSampleId :

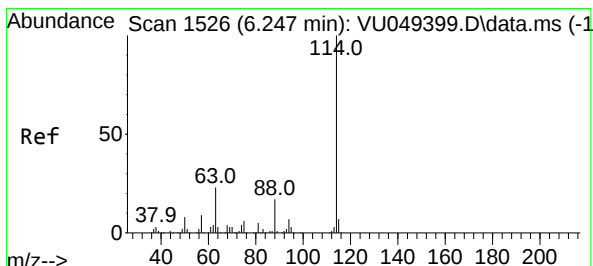
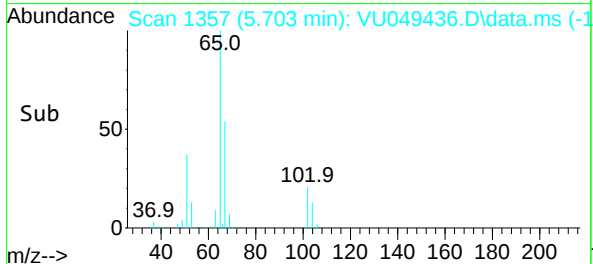
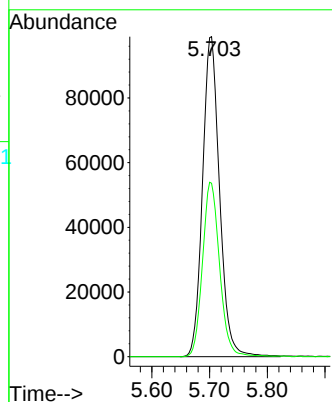
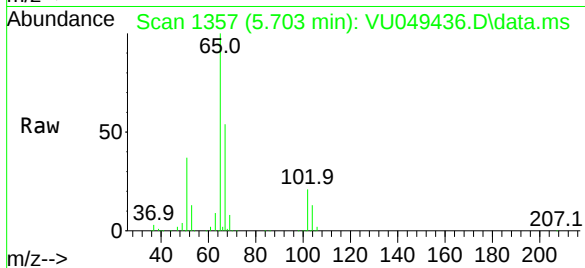
FB062222

Tgt Ion: 65 Resp: 202513

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049436.D

Acq: 28 Jun 2022 05:02

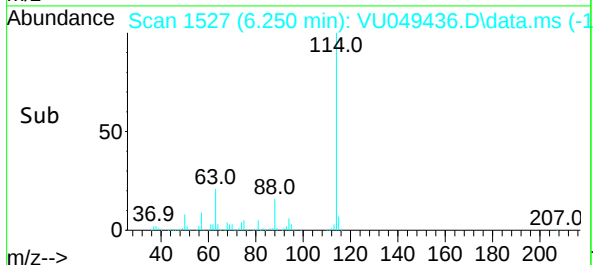
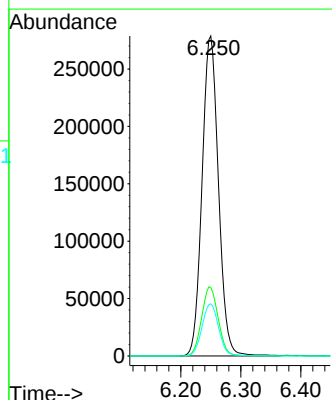
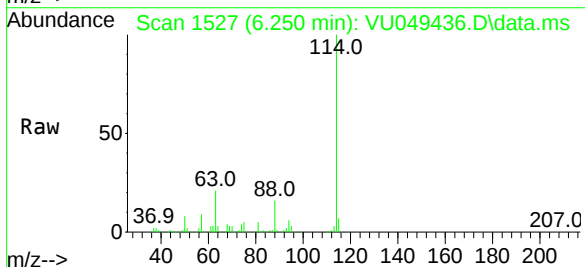
Tgt Ion: 114 Resp: 530372

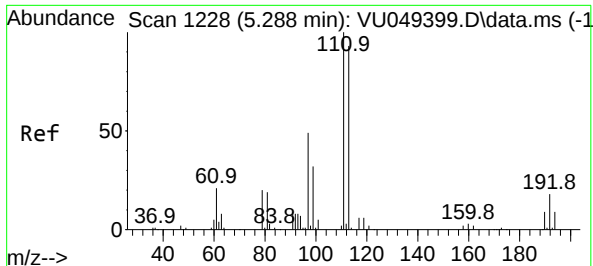
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.3 0.0 29.2





#35

Dibromofluoromethane

Concen: 44.475 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049436.D

Acq: 28 Jun 2022 05:02

Instrument :

MSVOA_U

ClientSampleId :

FB062222

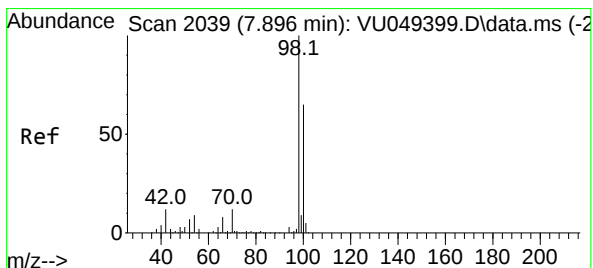
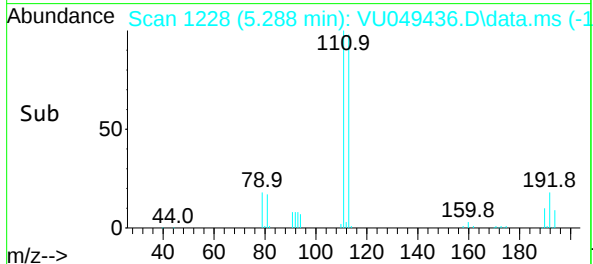
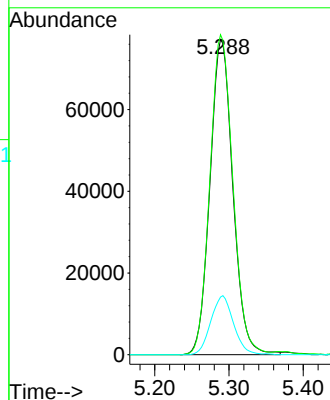
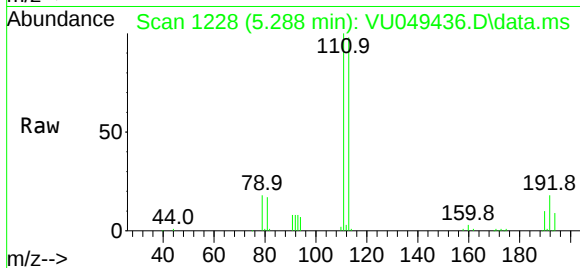
Tgt Ion:113 Resp: 165030

Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

192 18.6 18.0 27.0



#50

Toluene-d8

Concen: 47.861 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049436.D

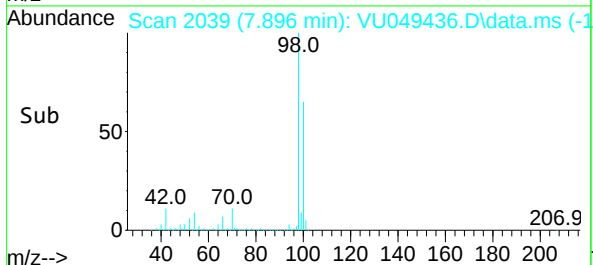
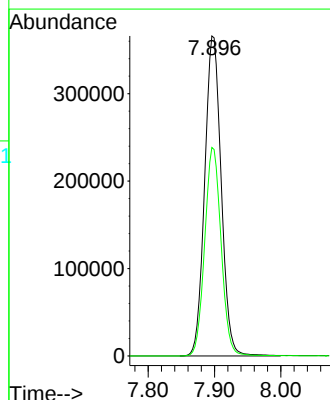
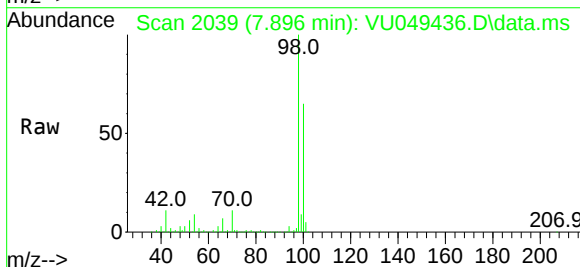
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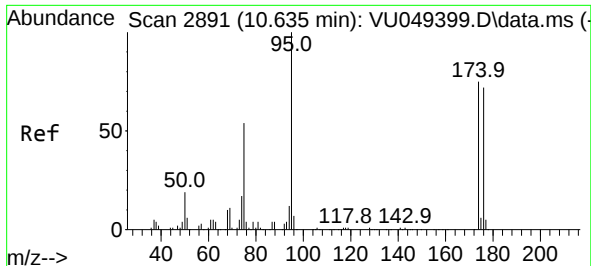
Tgt Ion: 98 Resp: 633434

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5

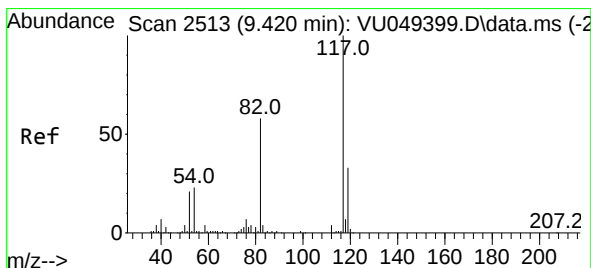
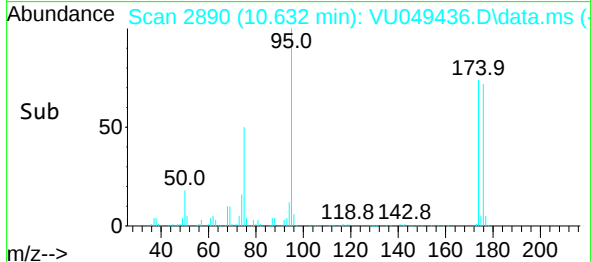
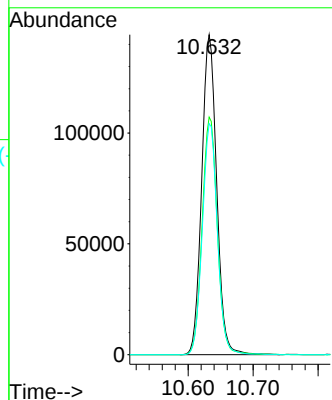
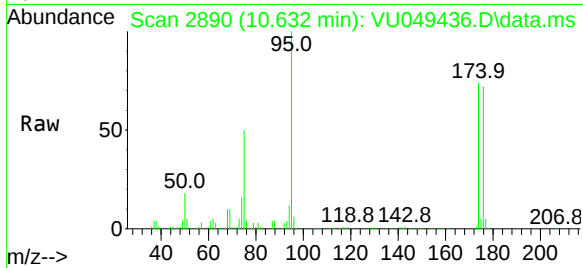




#62
4-Bromofluorobenzene
Concen: 45.720 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

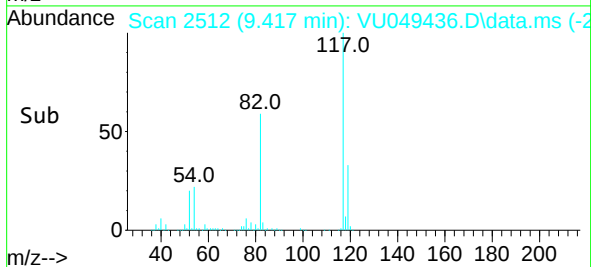
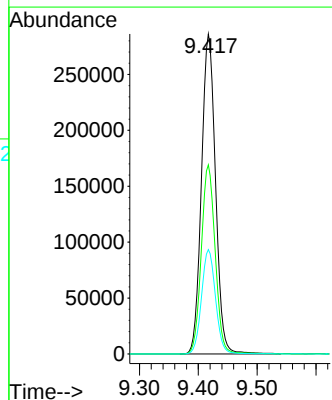
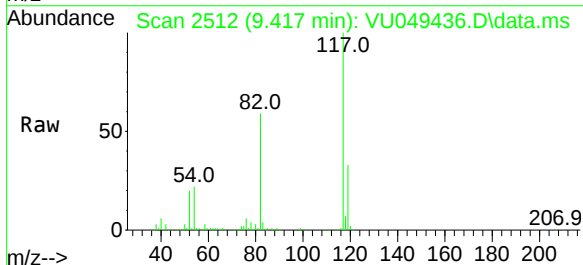
Instrument :
MSVOA_U
ClientSampleId :
FB062222

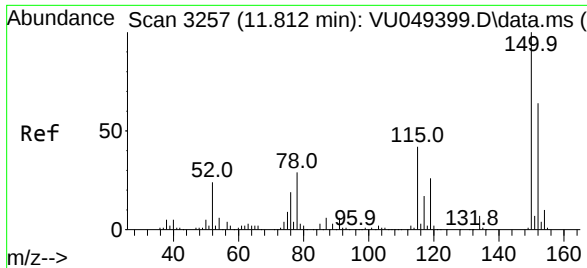
Tgt Ion: 95 Resp: 231791
Ion Ratio Lower Upper
95 100
174 75.0 0.0 182.0
176 72.3 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

Tgt Ion: 117 Resp: 475429
Ion Ratio Lower Upper
117 100
82 59.1 41.7 62.5
119 32.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049436.D

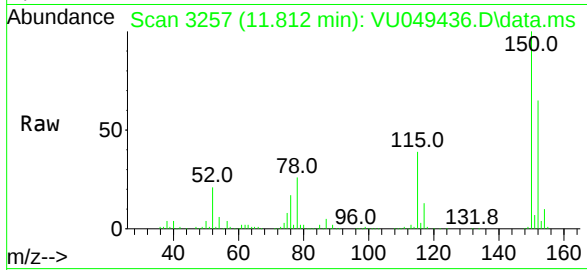
Acq: 28 Jun 2022 05:02

Instrument :

MSVOA_U

ClientSampleId :

FB062222



Tgt Ion:152 Resp: 220361

Ion Ratio Lower Upper

152 100

115 61.7 37.0 110.9

150 157.3 0.0 342.2

