

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049438.D
 Acq On : 28 Jun 2022 05:49
 Operator : SY/MD
 Sample : N3482-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-35

Quant Time: Jun 28 07:16:06 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)

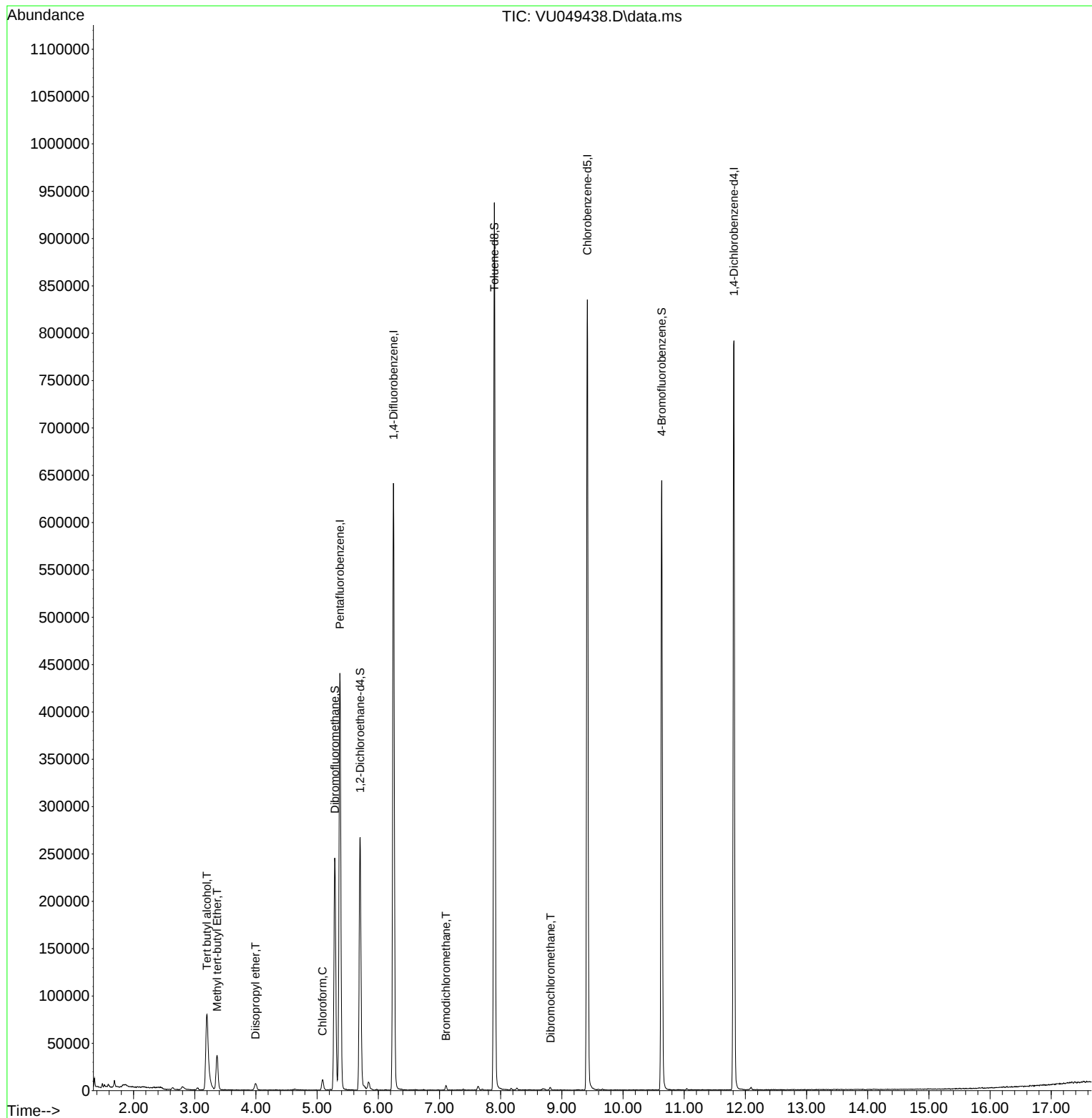
Internal Standards						
1) Pentafluorobenzene	5.372	168	304464	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	523298	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	464463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	210624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	201358	42.943	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.880%
35) Dibromofluoromethane	5.289	113	163522	44.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.320%
50) Toluene-d8	7.896	98	622943	47.705	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.400%
62) 4-Bromofluorobenzene	10.632	95	221874	44.355	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.199	59	141330	128.775	ug/l	# 53
19) Methyl tert-butyl Ether	3.366	73	42034	3.418	ug/l	98
22) Diisopropyl ether	3.993	45	7495	0.587	ug/l	# 50
30) Chloroform	5.086	83	10822	1.493	ug/l	97
47) Bromodichloromethane	7.105	83	3206	0.563	ug/l	89
60) Dibromochloromethane	8.816	129	1708	0.417	ug/l	89

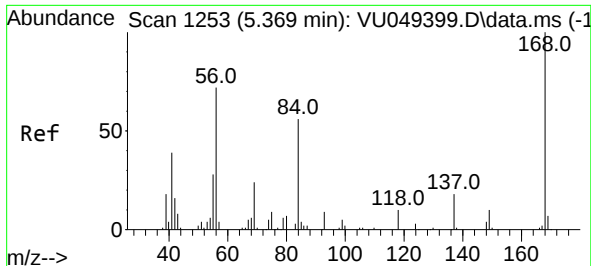
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
Data File : VU049438.D
Acq On : 28 Jun 2022 05:49
Operator : SY/MD
Sample : N3482-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-35

Quant Time: Jun 28 07:16:06 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

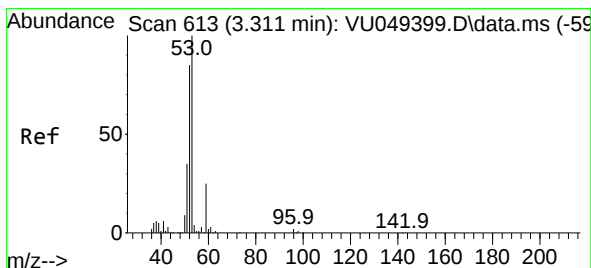
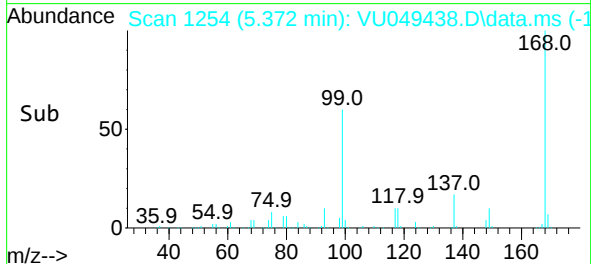
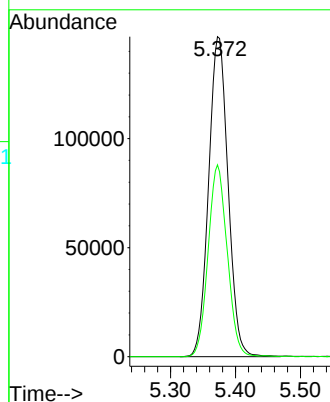
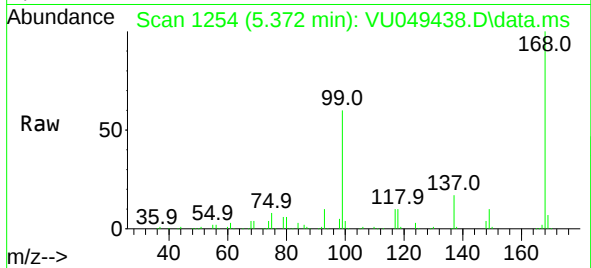




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049438.D
Acq: 28 Jun 2022 05:49

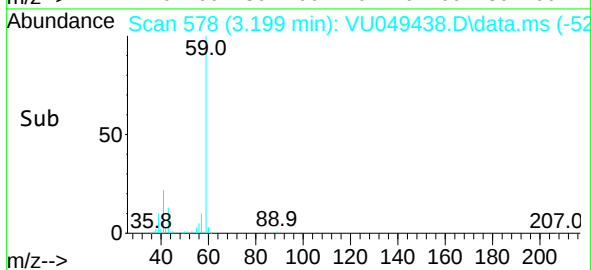
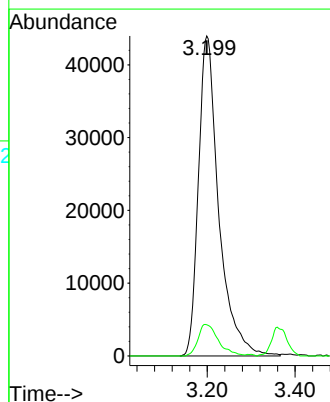
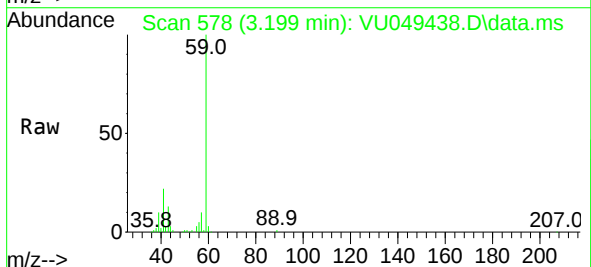
Instrument :
MSVOA_U
ClientSampleId :
MW-35

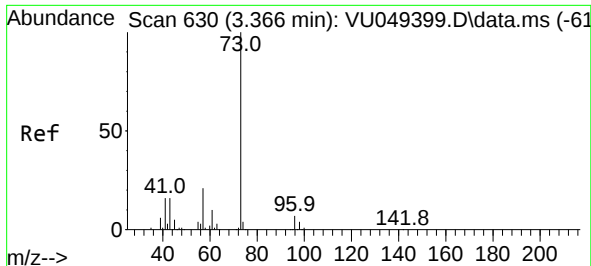
Tgt Ion:168 Resp: 304464
Ion Ratio Lower Upper
168 100
99 59.9 39.3 58.9#



#11
Tert butyl alcohol
Concen: 128.775 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.112 min
Lab File: VU049438.D
Acq: 28 Jun 2022 05:49

Tgt Ion: 59 Resp: 141330
Ion Ratio Lower Upper
59 100
57 9.9 30.6 45.8#

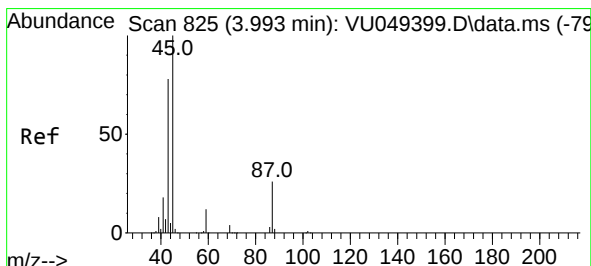
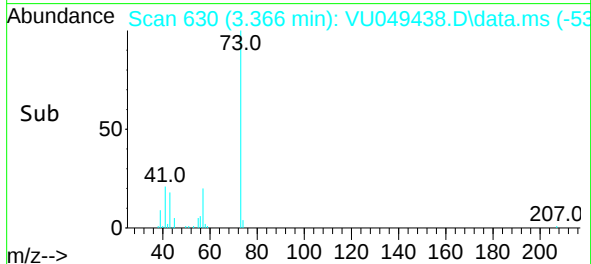
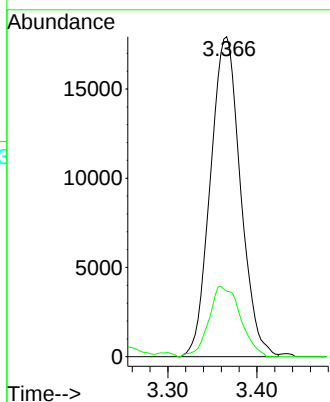
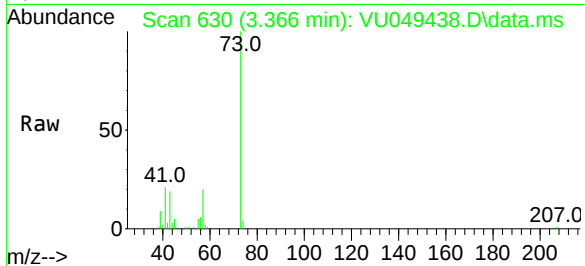




#19
Methyl tert-butyl Ether
Concen: 3.418 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049438.D
Acq: 28 Jun 2022 05:49

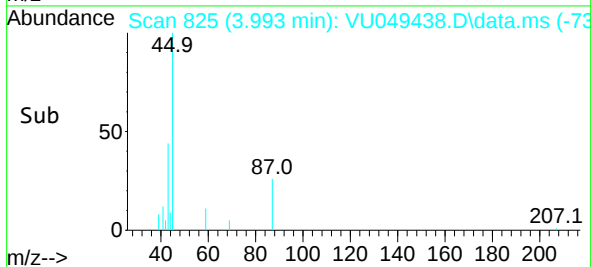
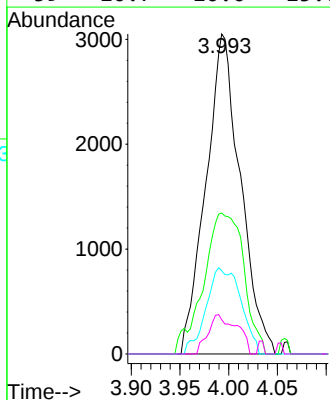
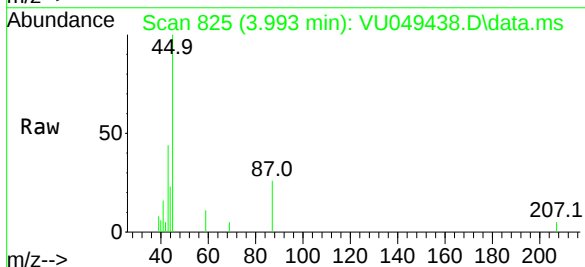
Instrument :
MSVOA_U
ClientSampleId :
MW-35

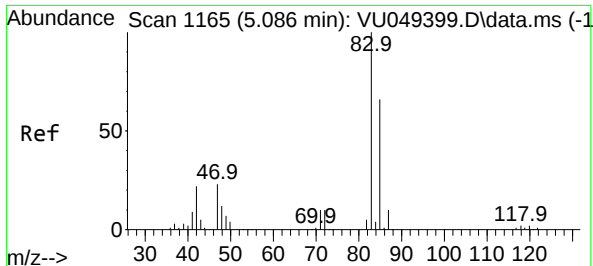
Tgt Ion: 73 Resp: 42034
Ion Ratio Lower Upper
73 100
57 20.4 17.1 25.7



#22
Diisopropyl ether
Concen: 0.587 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU049438.D
Acq: 28 Jun 2022 05:49

Tgt Ion: 45 Resp: 7495
Ion Ratio Lower Upper
45 100
43 44.0 92.9 139.3#
87 26.0 26.2 39.2#
59 10.7 10.0 15.0





#30

Chloroform

Concen: 1.493 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU049438.D

Acq: 28 Jun 2022 05:49

Instrument :

MSVOA_U

ClientSampleId :

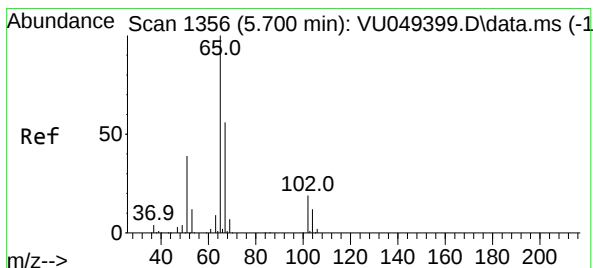
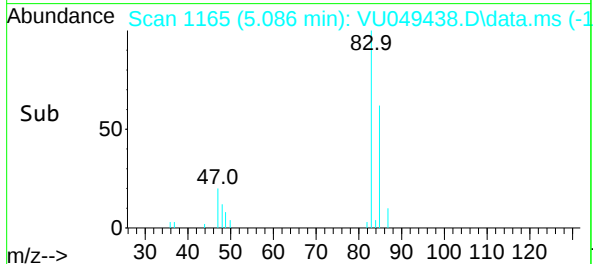
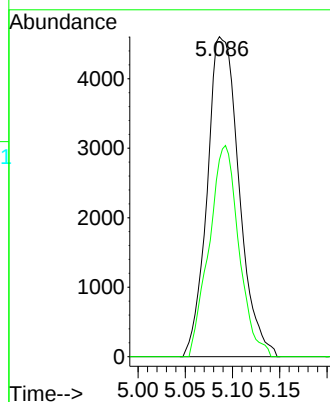
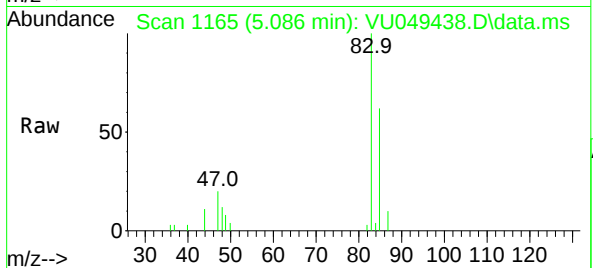
MW-35

Tgt Ion: 83 Resp: 10822

Ion Ratio Lower Upper

83 100

85 61.5 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 42.943 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU049438.D

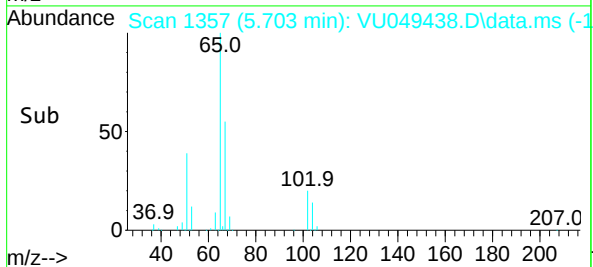
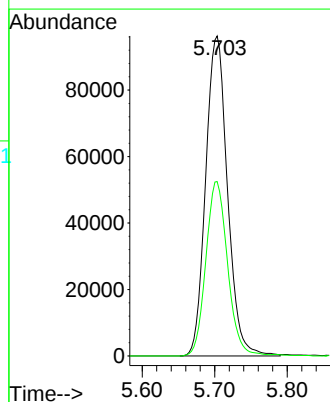
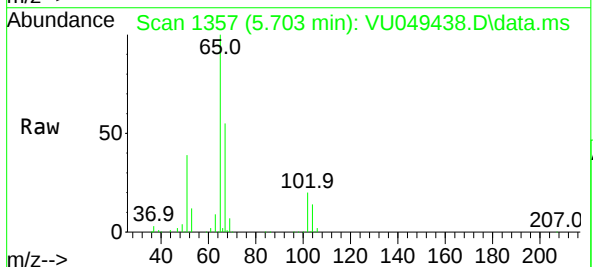
Acq: 28 Jun 2022 05:49

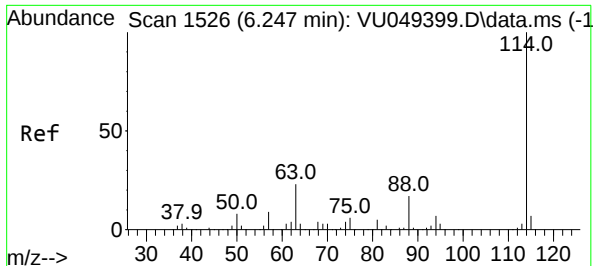
Tgt Ion: 65 Resp: 201358

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 114

Delta R.T. 0.003 min

Lab File: VU049438.D

Acq: 28 Jun 2022 05:49

Instrument :

MSVOA_U

ClientSampleId :

MW-35

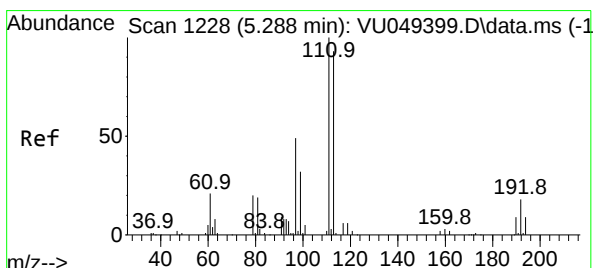
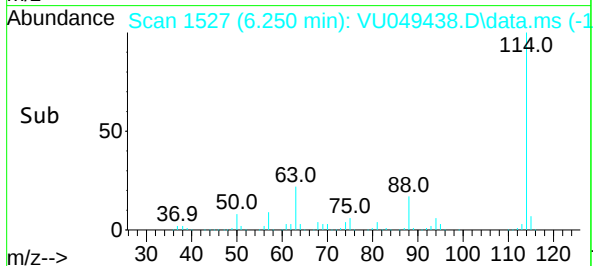
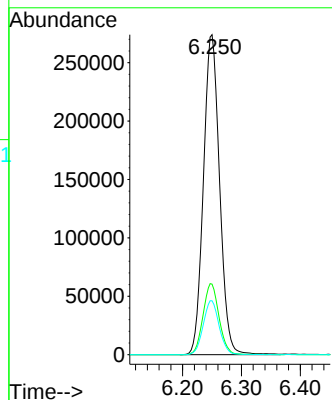
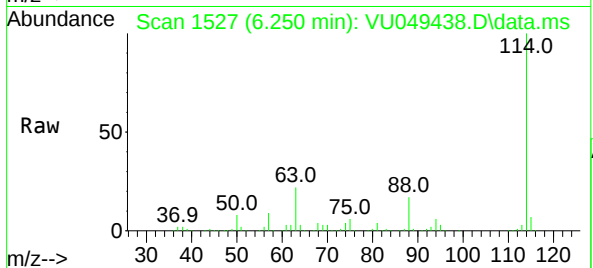
Tgt Ion:114 Resp: 523298

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 16.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.664 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049438.D

Acq: 28 Jun 2022 05:49

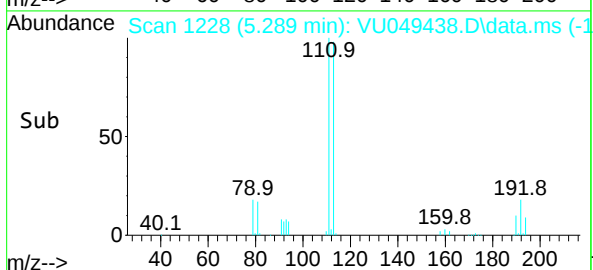
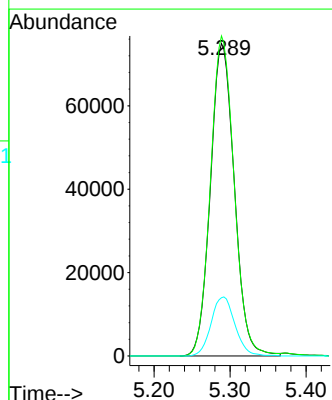
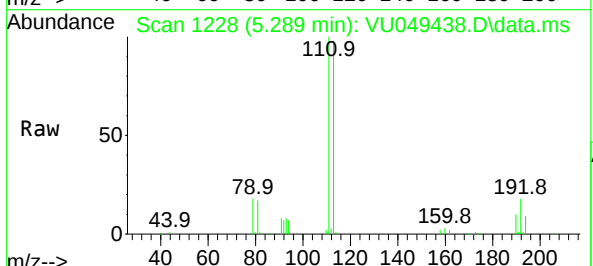
Tgt Ion:113 Resp: 163522

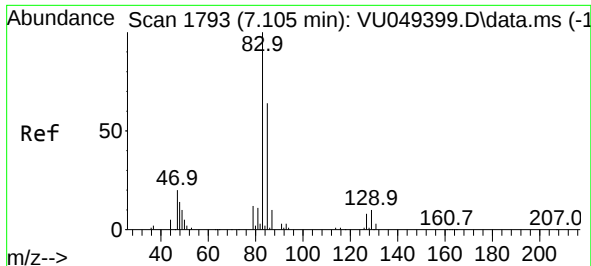
Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 18.8 18.0 27.0





#47

Bromodichloromethane

Concen: 0.563 ug/l

RT: 7.105 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049438.D

Acq: 28 Jun 2022 05:49

Instrument :

MSVOA_U

ClientSampleId :

MW-35

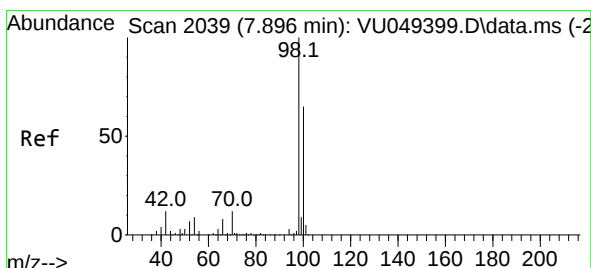
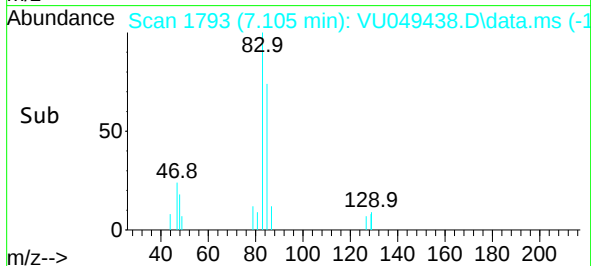
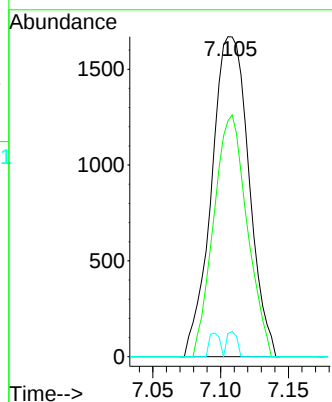
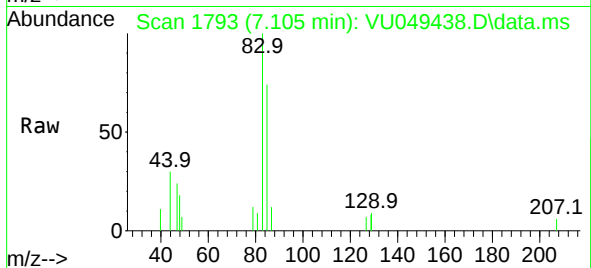
Tgt Ion: 83 Resp: 3206

Ion Ratio Lower Upper

83 100

85 73.7 51.4 77.2

127 7.2 7.1 10.7



#50

Toluene-d8

Concen: 47.705 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049438.D

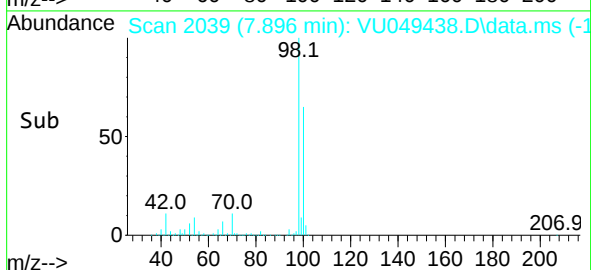
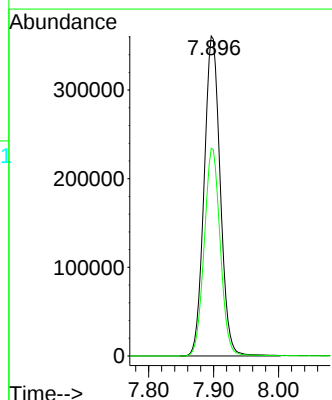
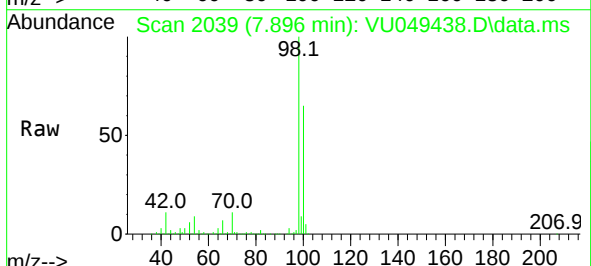
Acq: 28 Jun 2022 05:49

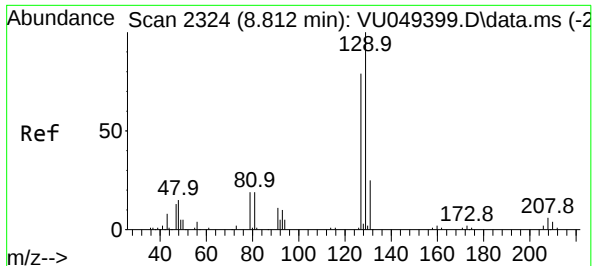
Tgt Ion: 98 Resp: 622943

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5

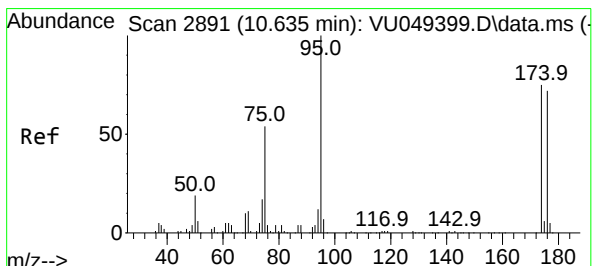
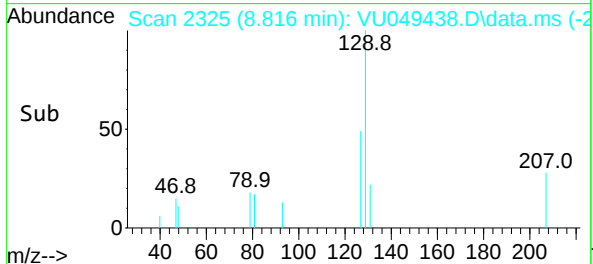
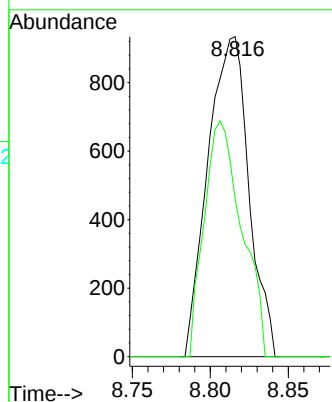
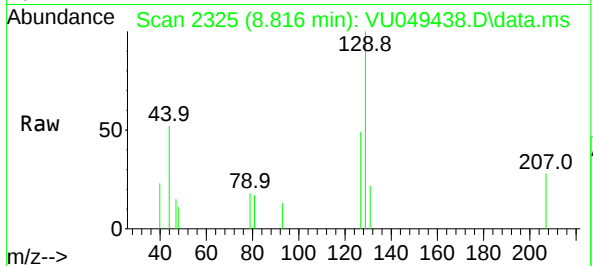




#60
Dibromochloromethane
Concen: 0.417 ug/l
RT: 8.816 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049438.D
Acq: 28 Jun 2022 05:49

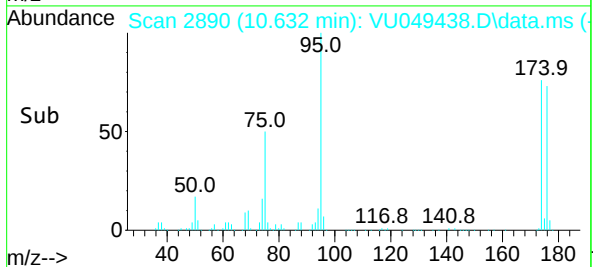
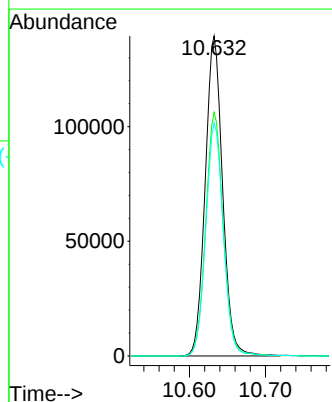
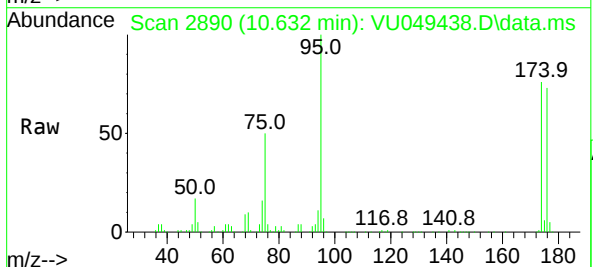
Instrument :
MSVOA_U
ClientSampleId :
MW-35

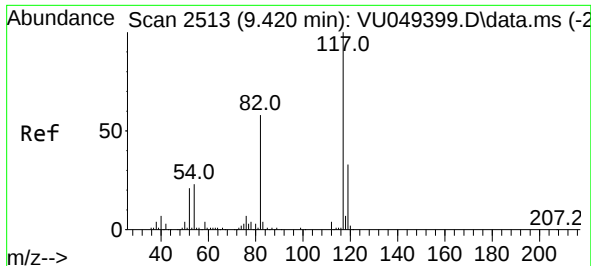
Tgt Ion:129 Resp: 1708
Ion Ratio Lower Upper
129 100
127 67.6 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 44.355 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049438.D
Acq: 28 Jun 2022 05:49

Tgt Ion: 95 Resp: 221874
Ion Ratio Lower Upper
95 100
174 76.6 0.0 182.0
176 73.4 0.0 177.8

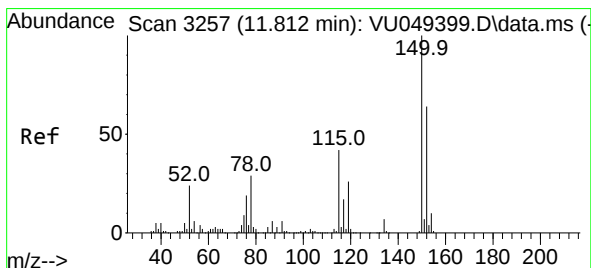
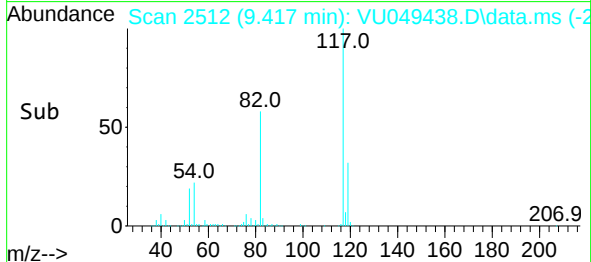
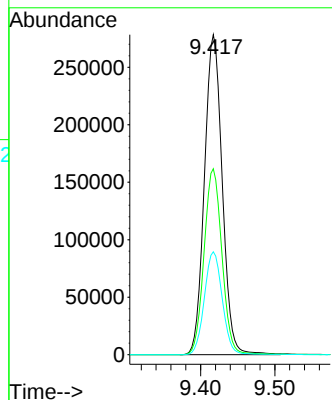
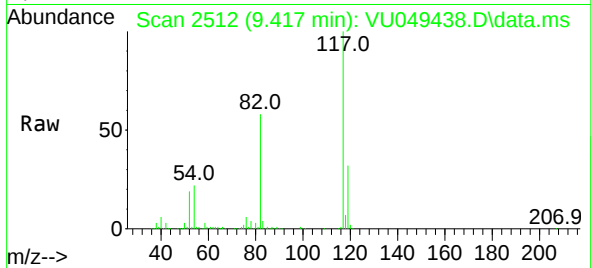




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049438.D
Acq: 28 Jun 2022 05:49

Instrument :
MSVOA_U
ClientSampleId :
MW-35

Tgt Ion:117 Resp: 464463
Ion Ratio Lower Upper
117 100
82 58.1 41.7 62.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049438.D
Acq: 28 Jun 2022 05:49

Tgt Ion:152 Resp: 210624
Ion Ratio Lower Upper
152 100
115 60.6 37.0 110.9
150 157.3 0.0 342.2

