

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049541.D
 Acq On : 30 Jun 2022 03:32
 Operator : SY/MD
 Sample : N3517-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5-20220627

Quant Time: Jun 30 04:14:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

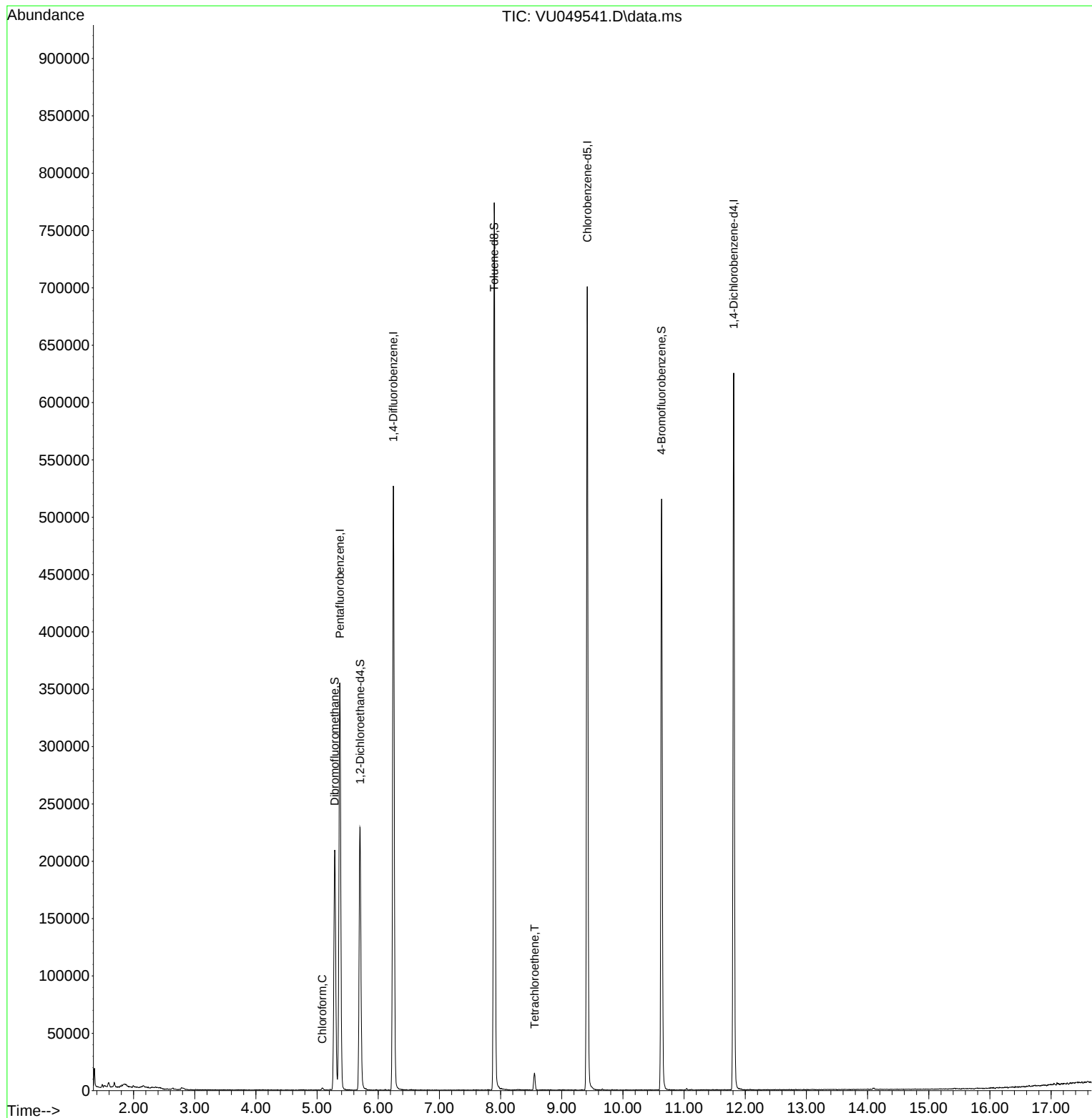
Internal Standards						
1) Pentafluorobenzene	5.372	168	241461	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	426100	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	382270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	163297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	173604	46.685	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.360%
35) Dibromofluoromethane	5.289	113	138101	46.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	7.896	98	512526	48.202	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.400%
62) 4-Bromofluorobenzene	10.632	95	177210	43.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.020%
Target Compounds						
					Qvalue	
30) Chloroform	5.086	83	1619	0.282	ug/l	92
64) Tetrachloroethene	8.555	164	3426	1.397	ug/l	93

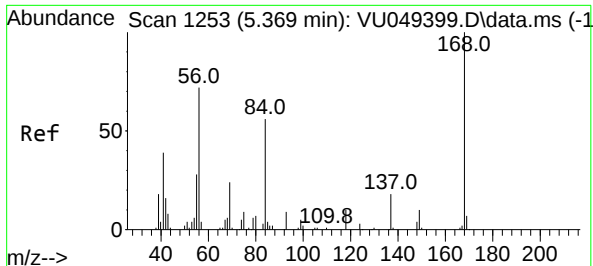
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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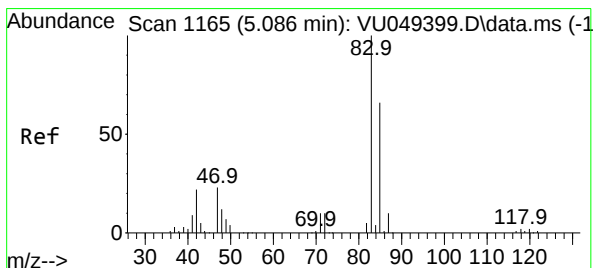
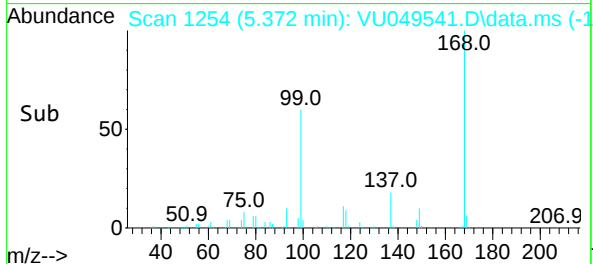
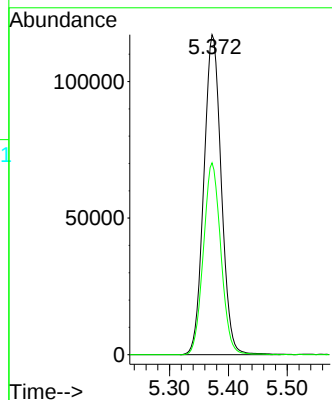
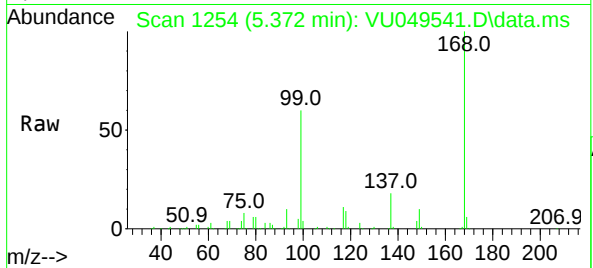




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU049541.D
Acq: 30 Jun 2022 03:32

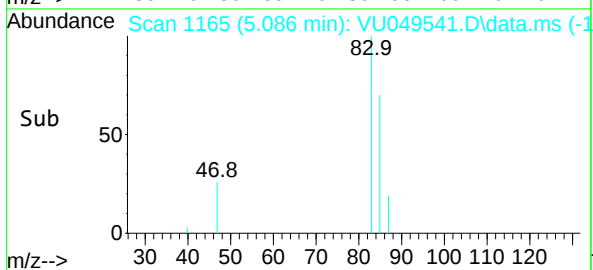
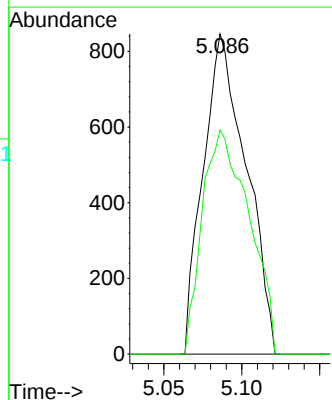
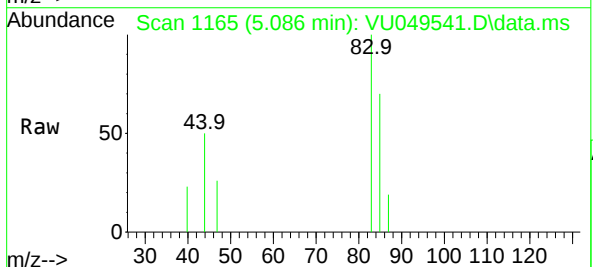
Instrument :
MSVOA_U
ClientSampleId :
MW-5-20220627

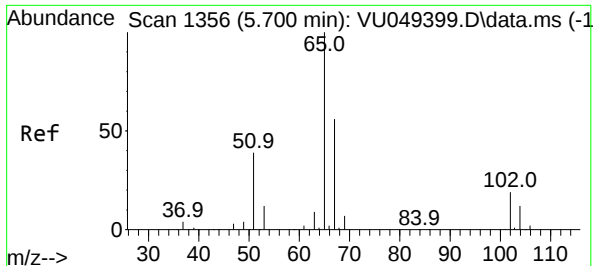
Tgt Ion:168 Resp: 241461
Ion Ratio Lower Upper
168 100
99 59.9 39.3 58.9#



#30
Chloroform
Concen: 0.282 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU049541.D
Acq: 30 Jun 2022 03:32

Tgt Ion: 83 Resp: 1619
Ion Ratio Lower Upper
83 100
85 70.0 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 46.685 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049541.D

Acq: 30 Jun 2022 03:32

Instrument :

MSVOA_U

ClientSampleId :

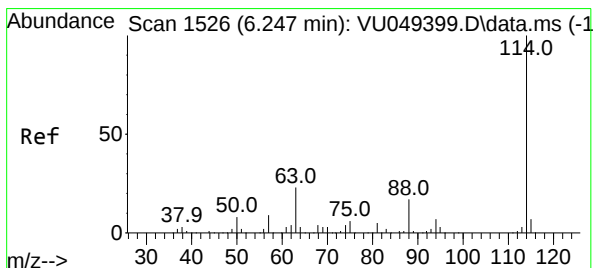
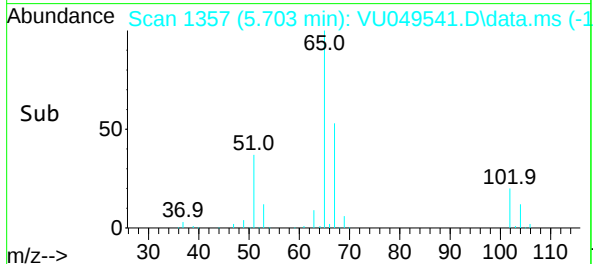
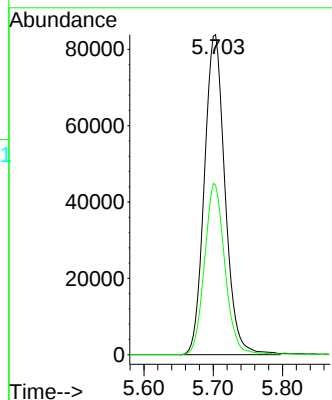
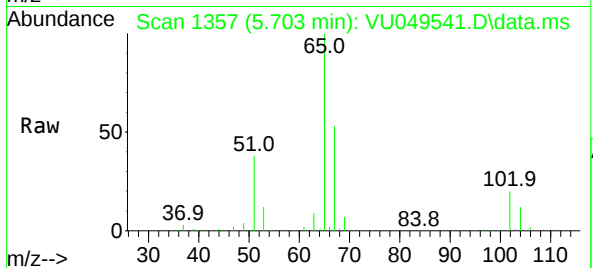
MW-5-20220627

Tgt Ion: 65 Resp: 173604

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049541.D

Acq: 30 Jun 2022 03:32

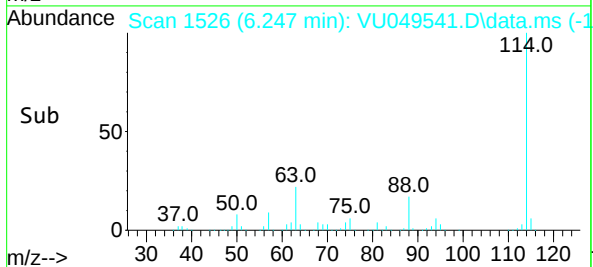
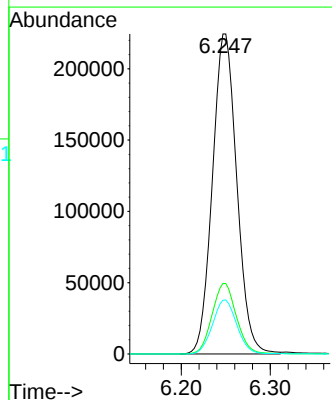
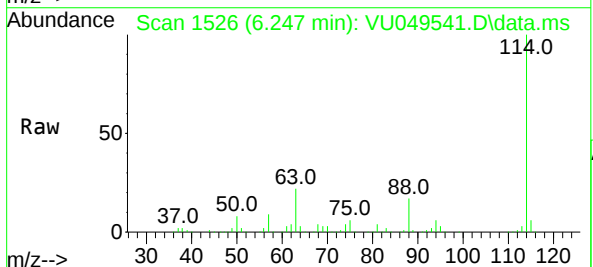
Tgt Ion: 114 Resp: 426100

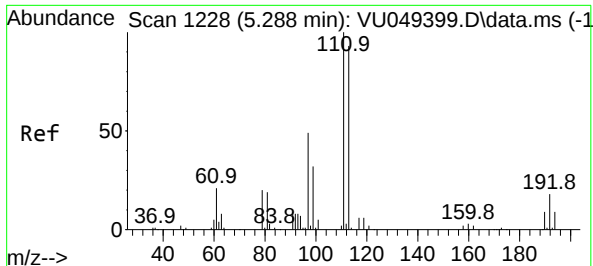
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 46.325 ug/l

RT: 5.289 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049541.D

Acq: 30 Jun 2022 03:32

Instrument :

MSVOA_U

ClientSampleId :

MW-5-20220627

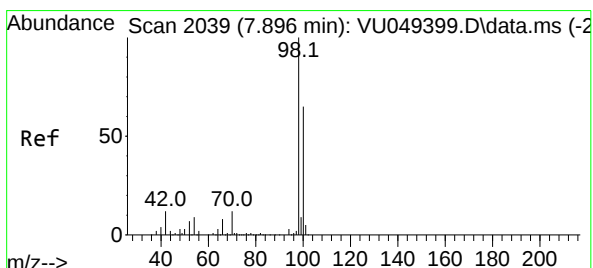
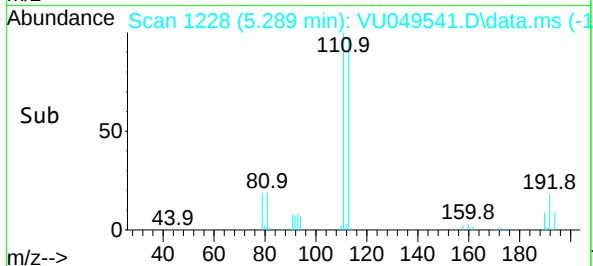
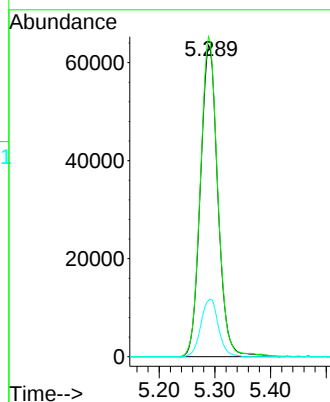
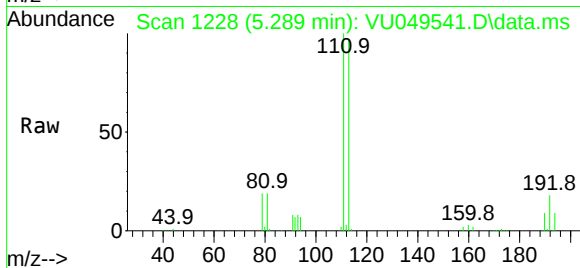
Tgt Ion:113 Resp: 138101

Ion Ratio Lower Upper

113 100

111 101.4 82.1 123.1

192 18.6 18.0 27.0



#50

Toluene-d8

Concen: 48.202 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049541.D

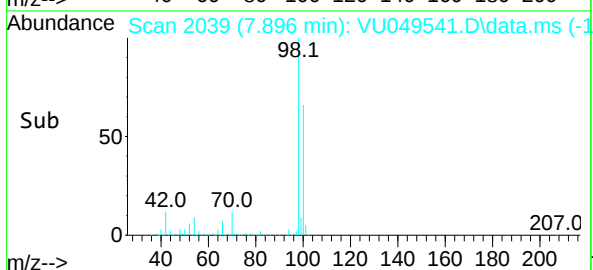
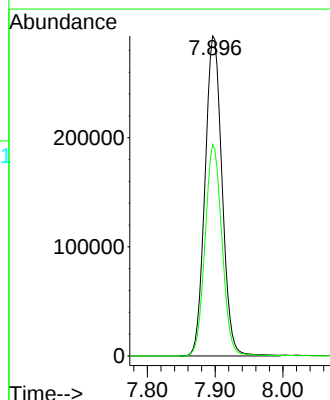
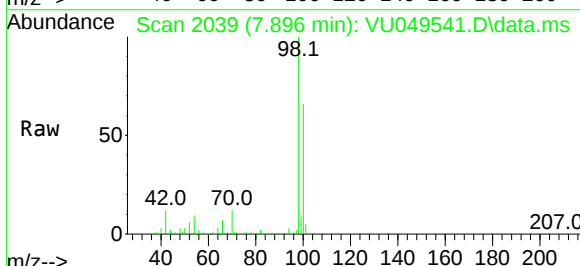
Acq: 30 Jun 2022 03:32

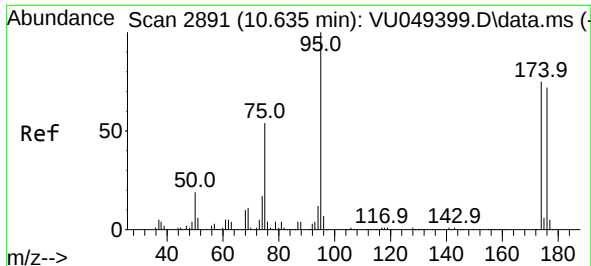
Tgt Ion: 98 Resp: 512526

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5

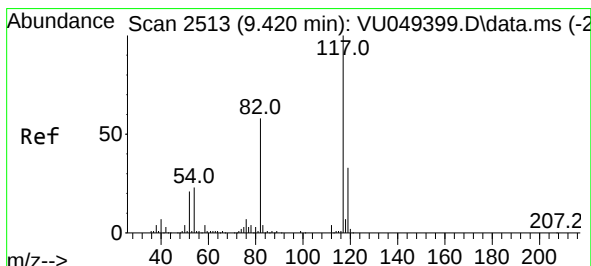
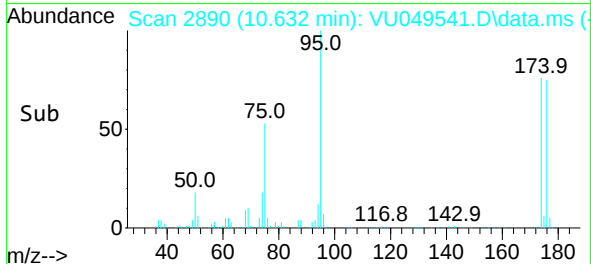
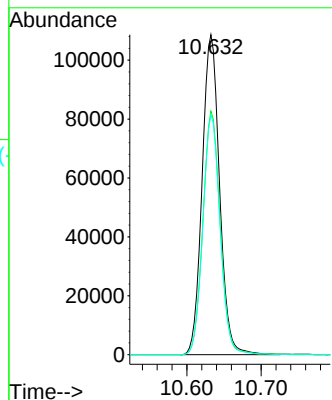
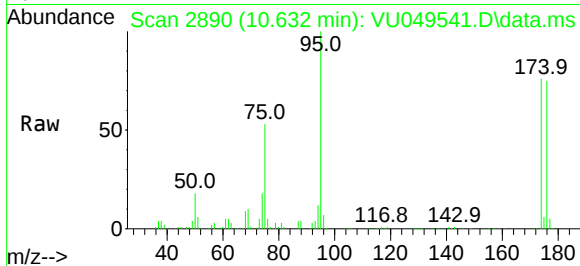




#62
4-Bromofluorobenzene
Concen: 43.508 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049541.D
Acq: 30 Jun 2022 03:32

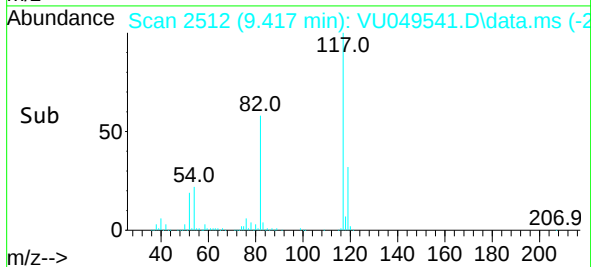
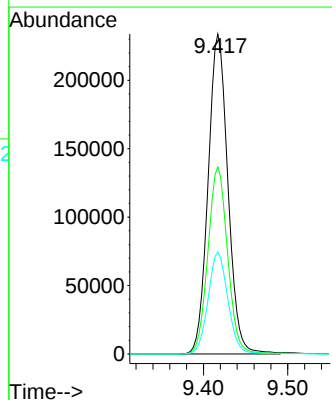
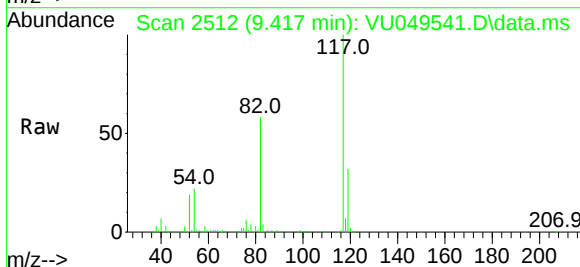
Instrument :
MSVOA_U
ClientSampleId :
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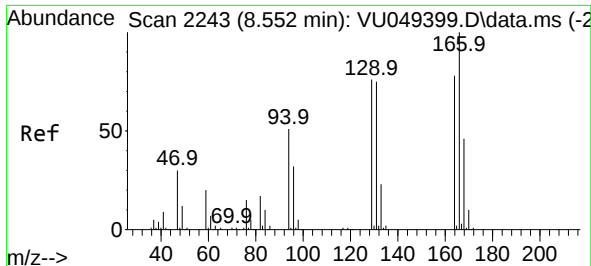
Tgt Ion: 95 Resp: 177210
Ion Ratio Lower Upper
95 100
174 75.5 0.0 182.0
176 74.1 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049541.D
Acq: 30 Jun 2022 03:32

Tgt Ion: 117 Resp: 382270
Ion Ratio Lower Upper
117 100
82 58.5 41.7 62.5
119 31.8 25.7 38.5

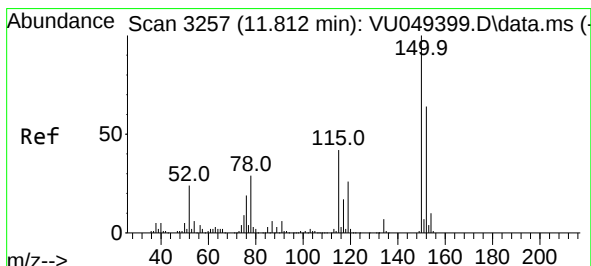
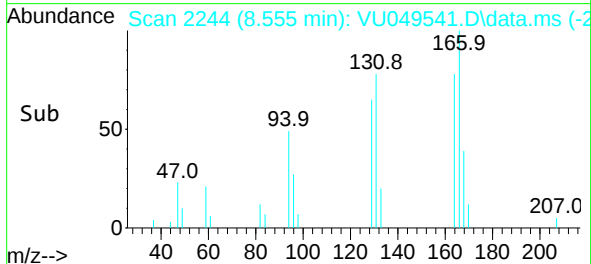
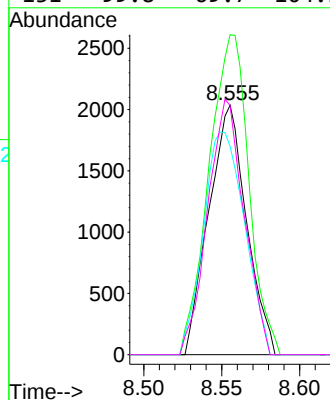
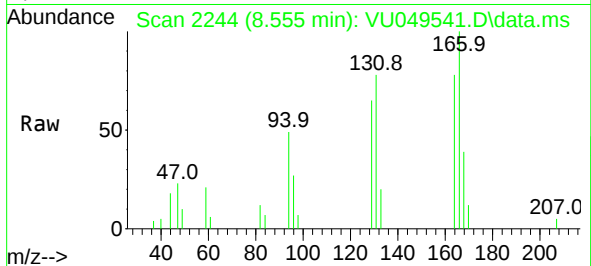




#64
Tetrachloroethene
Concen: 1.397 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049541.D
Acq: 30 Jun 2022 03:32

Instrument :
MSVOA_U
ClientSampleId :
MW-5-20220627

Tgt Ion:164	Resp:	3426
Ion	Ratio	Lower Upper
164	100	
166	128.2	100.0 150.0
129	83.4	72.0 108.0
131	99.8	69.7 104.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049541.D
Acq: 30 Jun 2022 03:32

Tgt Ion:152	Resp:	163297
Ion	Ratio	Lower Upper
152	100	
115	62.3	37.0 110.9
150	158.4	0.0 342.2

