

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049507.D
 Acq On : 29 Jun 2022 13:03
 Operator : SY/MD
 Sample : N3482-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-35

Quant Time: Jun 30 00:48:13 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)

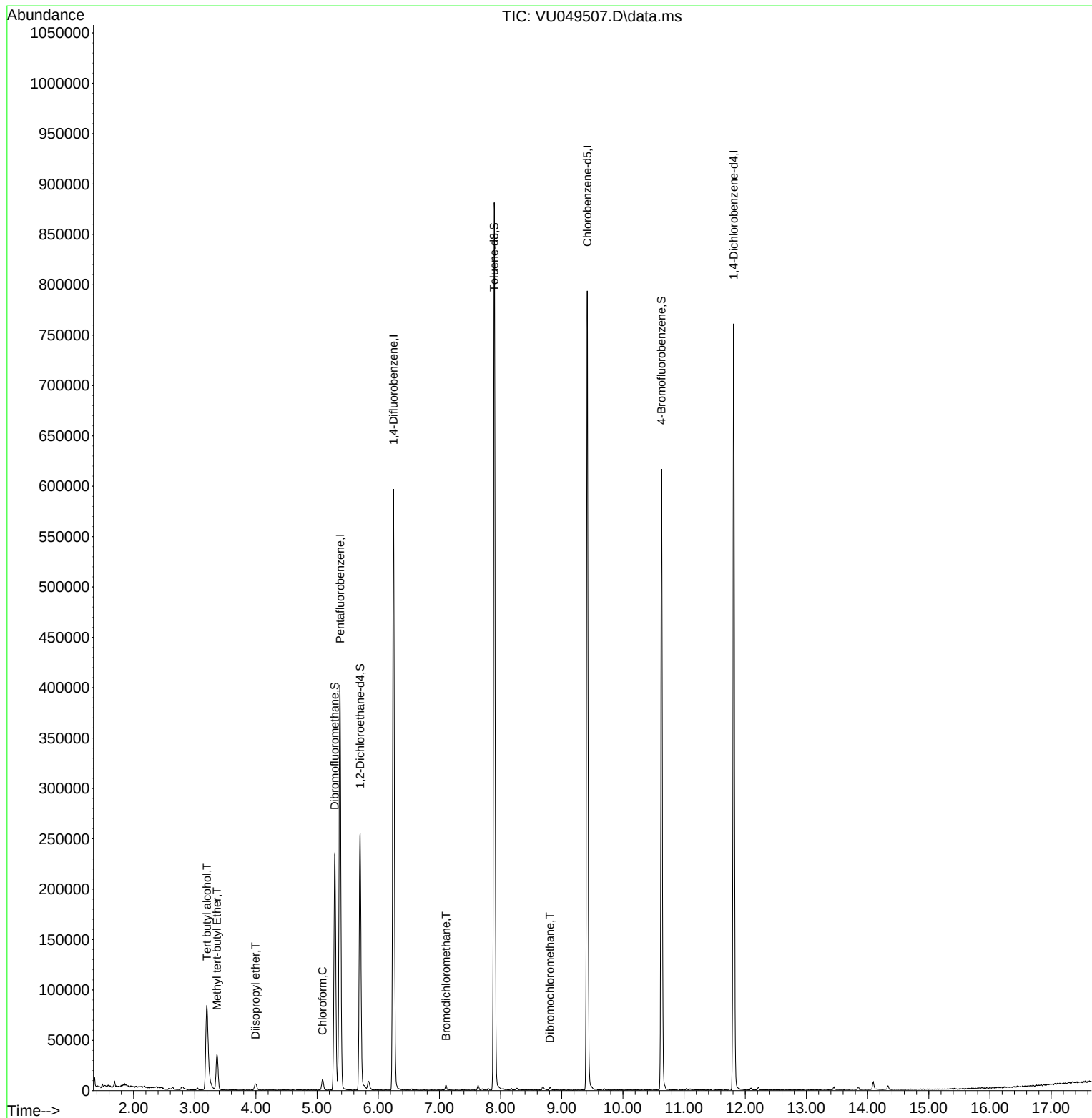
Internal Standards						
1) Pentafluorobenzene	5.375	168	280713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	491908	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	443947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	203011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	191654	44.332	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.660%
35) Dibromofluoromethane	5.288	113	155197	45.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.200%
50) Toluene-d8	7.896	98	585518	47.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.400%
62) 4-Bromofluorobenzene	10.632	95	211812	45.046	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.199	59	141546	139.885	ug/l #	54
19) Methyl tert-butyl Ether	3.363	73	40291	3.553	ug/l	99
22) Diisopropyl ether	3.996	45	7344	0.624	ug/l #	53
30) Chloroform	5.089	83	9627	1.440	ug/l	99
47) Bromodichloromethane	7.108	83	3430	0.640	ug/l	91
60) Dibromochloromethane	8.809	129	1428	0.371	ug/l	85

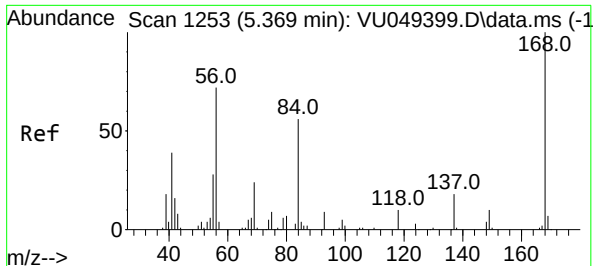
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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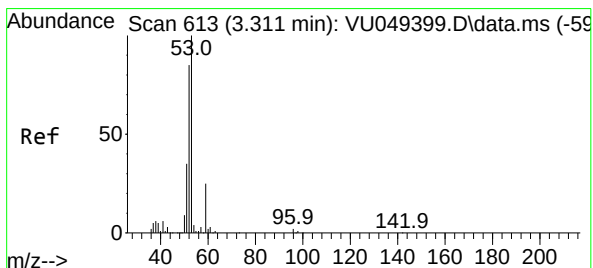
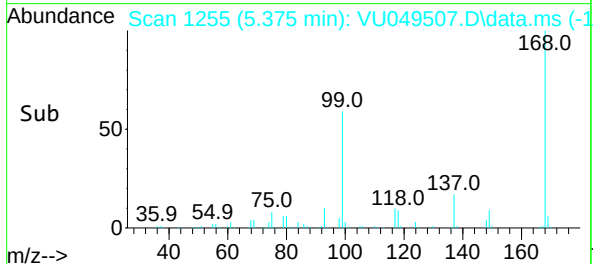
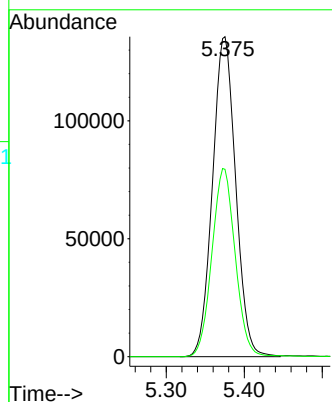
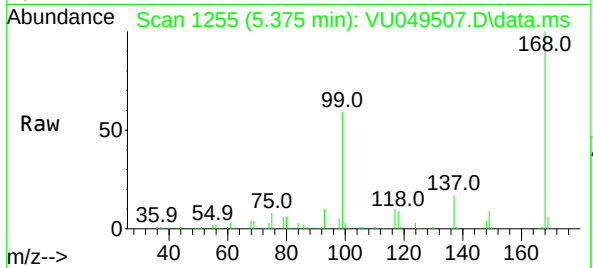




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU049507.D
Acq: 29 Jun 2022 13:03

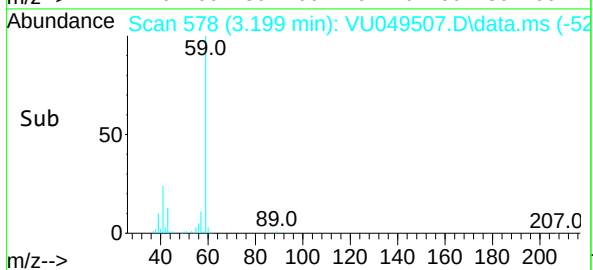
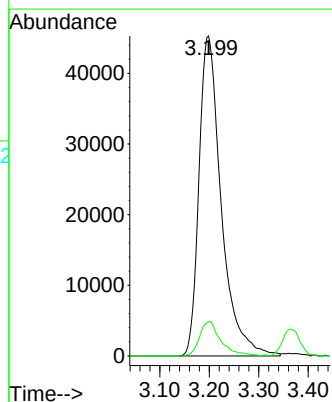
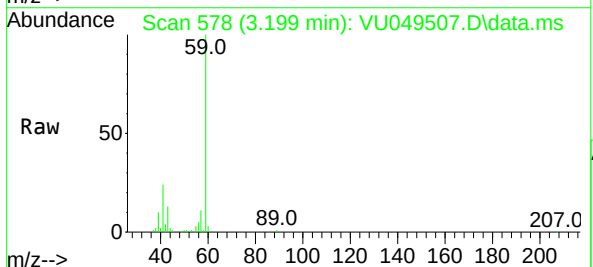
Instrument :
MSVOA_U
ClientSampleId :
MW-35

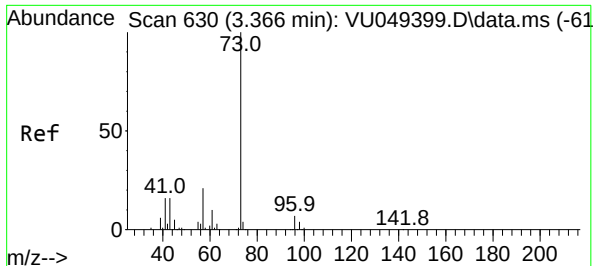
Tgt Ion:168 Resp: 280713
Ion Ratio Lower Upper
168 100
99 58.6 39.3 58.9



#11
Tert butyl alcohol
Concen: 139.885 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.112 min
Lab File: VU049507.D
Acq: 29 Jun 2022 13:03

Tgt Ion: 59 Resp: 141546
Ion Ratio Lower Upper
59 100
57 10.3 30.6 45.8#





#19

Methyl tert-butyl Ether

Concen: 3.553 ug/l

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049507.D

Acq: 29 Jun 2022 13:03

Instrument :

MSVOA_U

ClientSampleId :

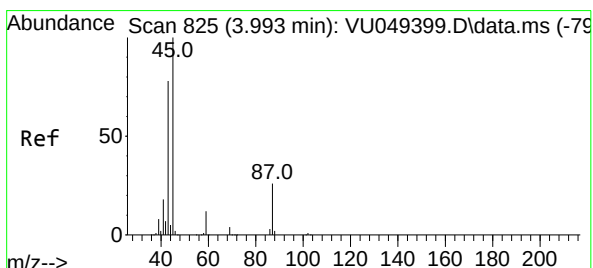
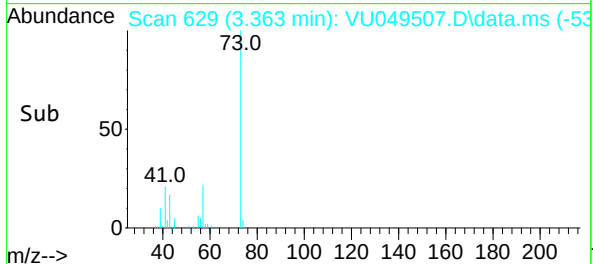
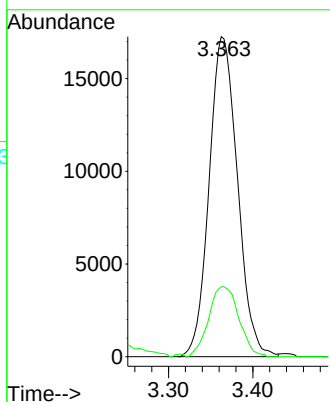
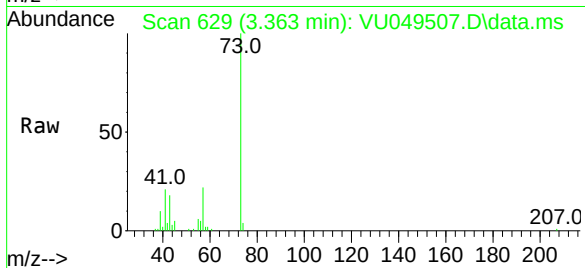
MW-35

Tgt Ion: 73 Resp: 40291

Ion Ratio Lower Upper

73 100

57 21.8 17.1 25.7



#22

Diisopropyl ether

Concen: 0.624 ug/l

RT: 3.996 min Scan# 826

Delta R.T. 0.003 min

Lab File: VU049507.D

Acq: 29 Jun 2022 13:03

Tgt Ion: 45 Resp: 7344

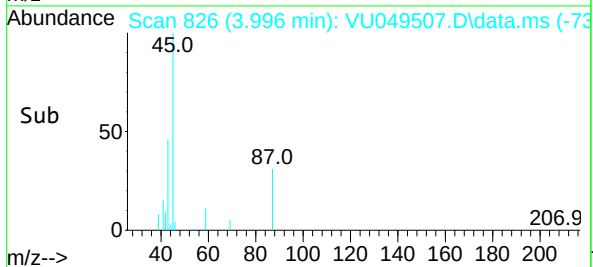
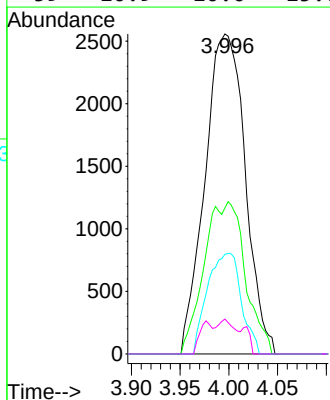
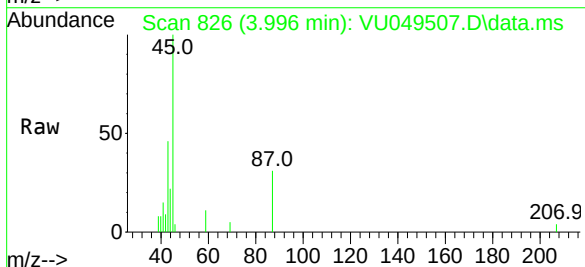
Ion Ratio Lower Upper

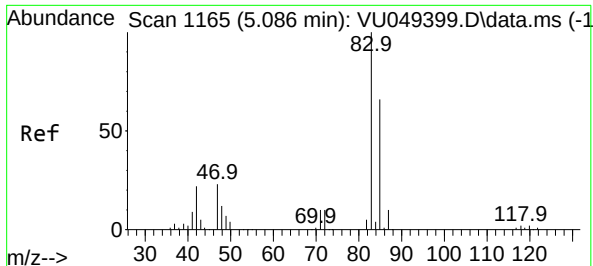
45 100

43 45.6 92.9 139.3#

87 31.2 26.2 39.2

59 10.9 10.0 15.0





#30

Chloroform

Concen: 1.440 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU049507.D

Acq: 29 Jun 2022 13:03

Instrument :

MSVOA_U

ClientSampleId :

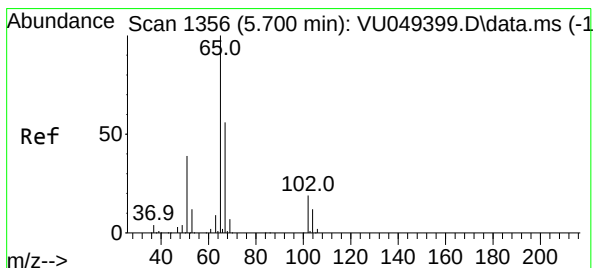
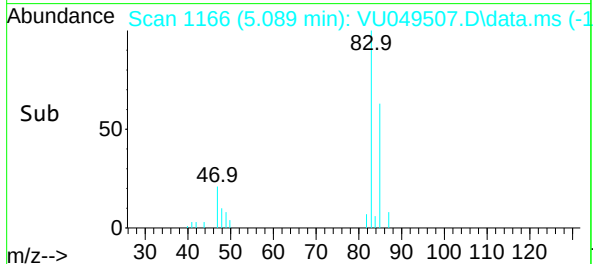
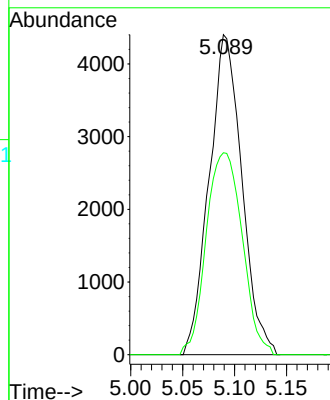
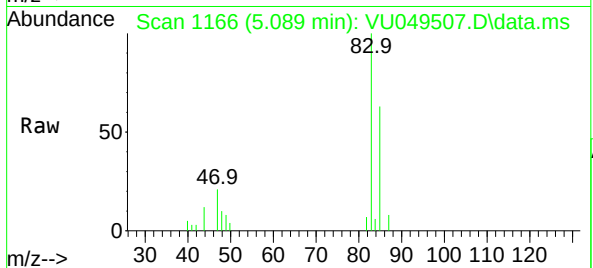
MW-35

Tgt Ion: 83 Resp: 9627

Ion Ratio Lower Upper

83 100

85 63.1 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 44.332 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU049507.D

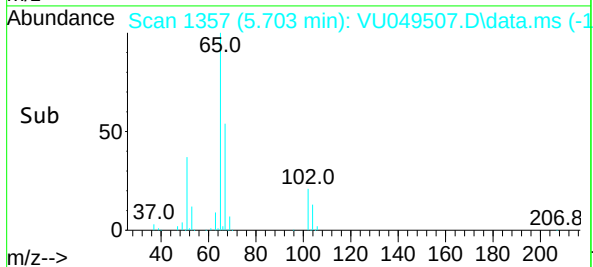
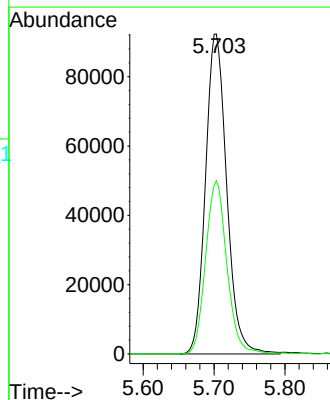
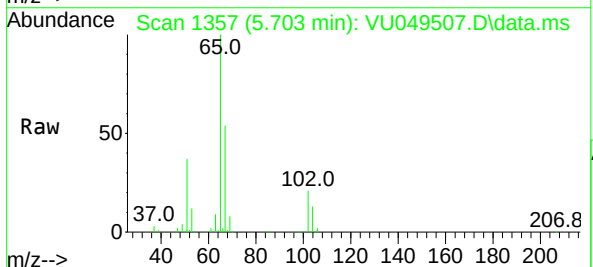
Acq: 29 Jun 2022 13:03

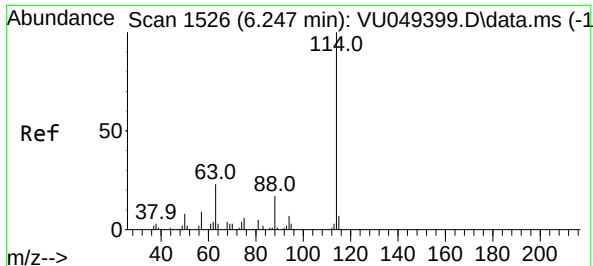
Tgt Ion: 65 Resp: 191654

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049507.D

Acq: 29 Jun 2022 13:03

Instrument :

MSVOA_U

ClientSampleId :

MW-35

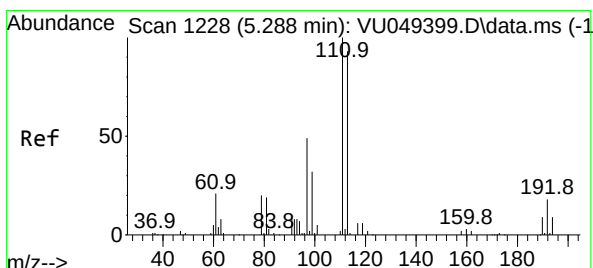
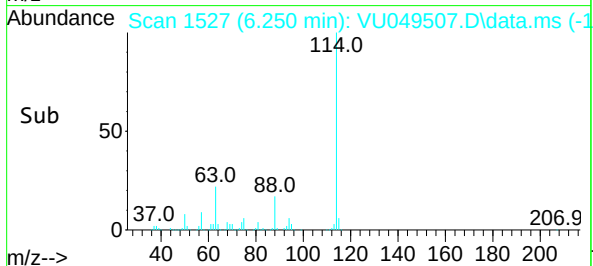
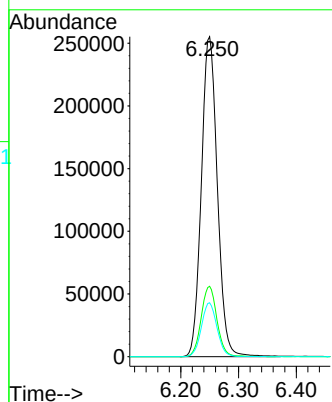
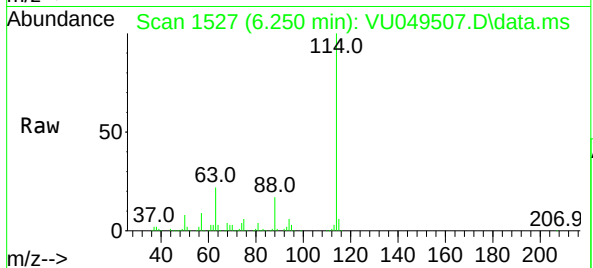
Tgt Ion:114 Resp: 491908

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.096 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049507.D

Acq: 29 Jun 2022 13:03

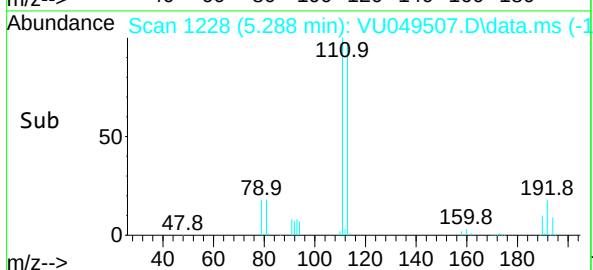
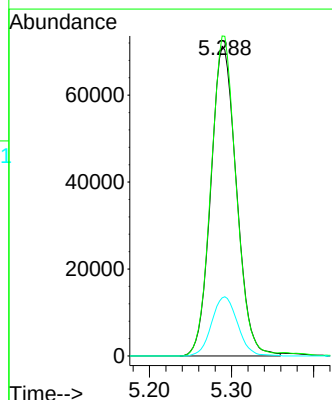
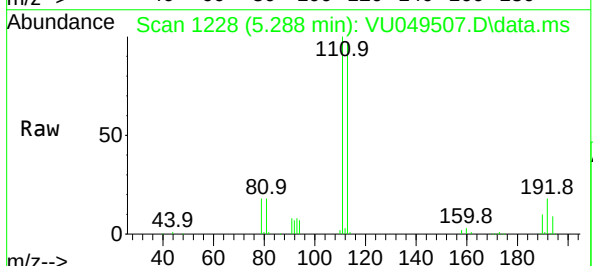
Tgt Ion:113 Resp: 155197

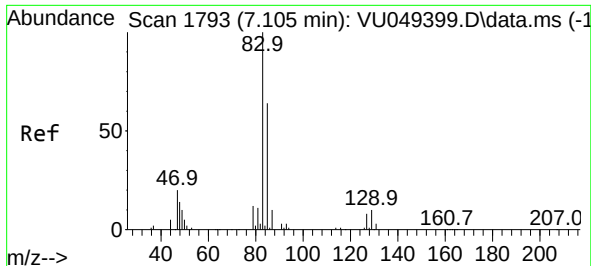
Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 19.3 18.0 27.0





#47

Bromodichloromethane

Concen: 0.640 ug/l

RT: 7.108 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049507.D

Acq: 29 Jun 2022 13:03

Instrument :

MSVOA_U

ClientSampleId :

MW-35

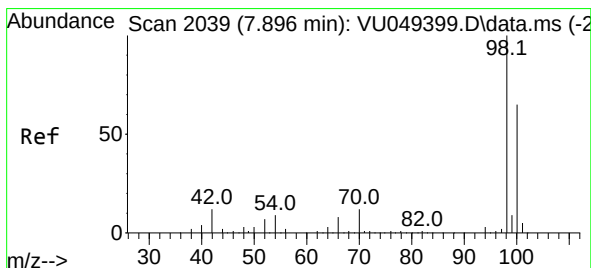
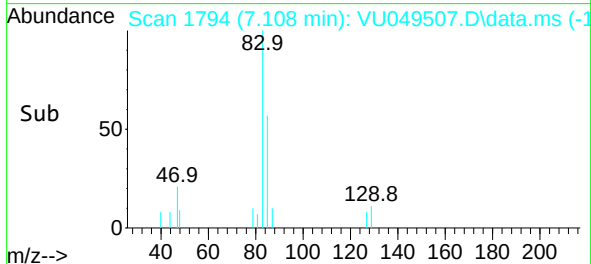
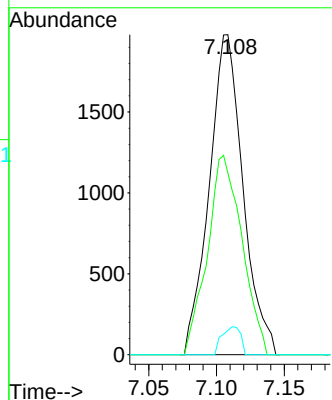
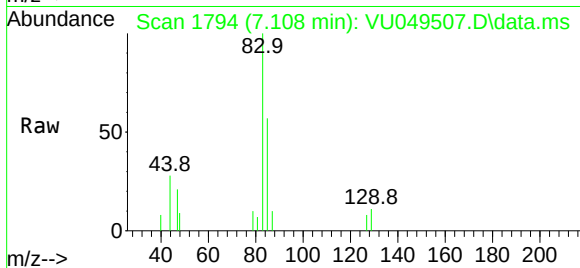
Tgt Ion: 83 Resp: 3430

Ion Ratio Lower Upper

83 100

85 56.8 51.4 77.2

127 7.6 7.1 10.7



#50

Toluene-d8

Concen: 47.700 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049507.D

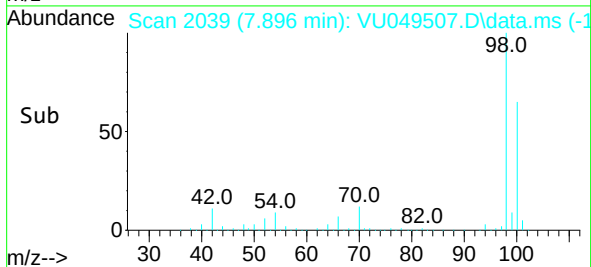
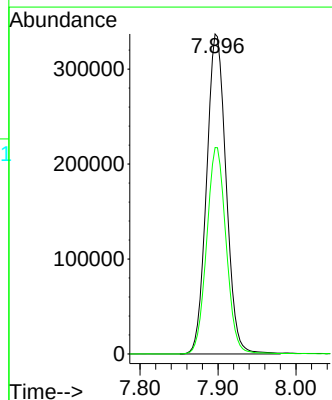
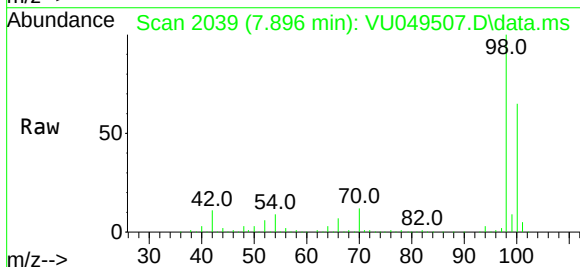
Acq: 29 Jun 2022 13:03

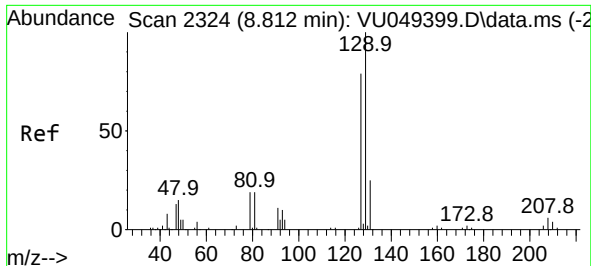
Tgt Ion: 98 Resp: 585518

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5

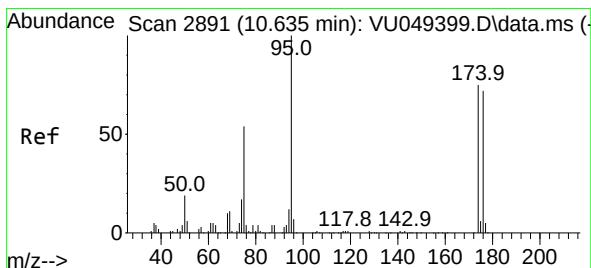
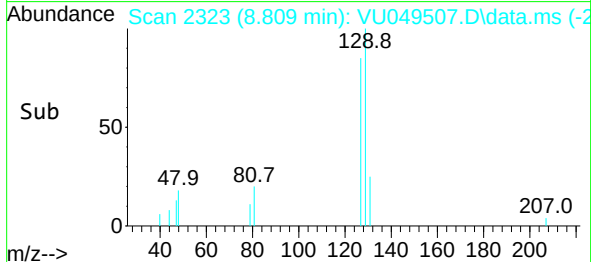
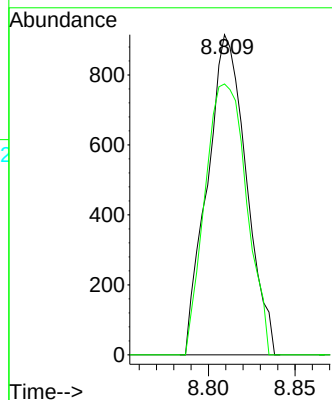
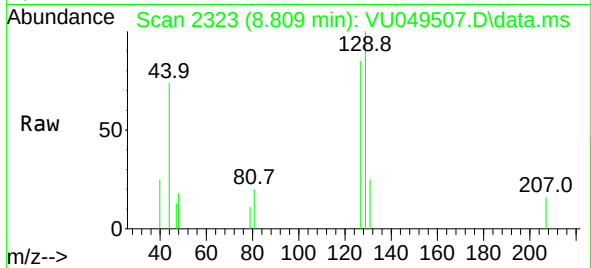




#60
Dibromochloromethane
Concen: 0.371 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049507.D
Acq: 29 Jun 2022 13:03

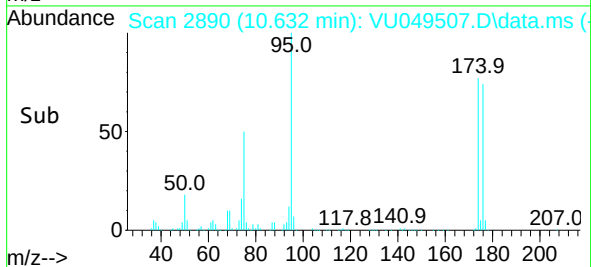
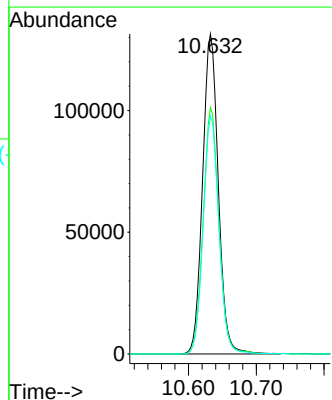
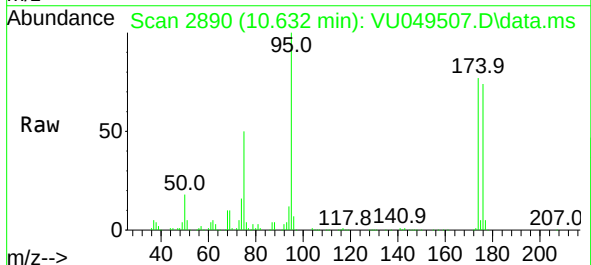
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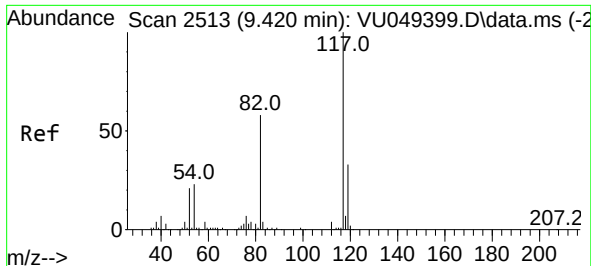
Tgt Ion:129 Resp: 1428
Ion Ratio Lower Upper
129 100
127 90.7 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 45.046 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049507.D
Acq: 29 Jun 2022 13:03

Tgt Ion: 95 Resp: 211812
Ion Ratio Lower Upper
95 100
174 77.0 0.0 182.0
176 74.3 0.0 177.8

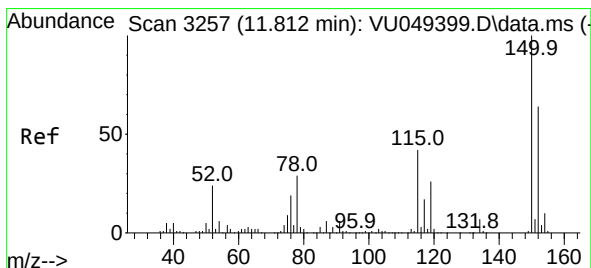
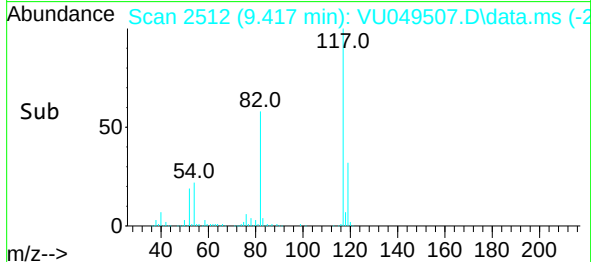
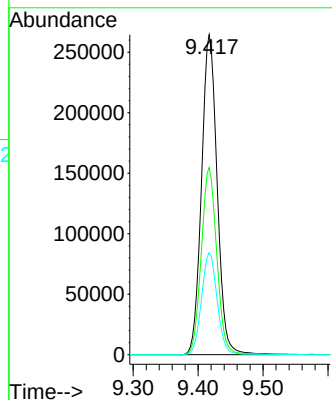
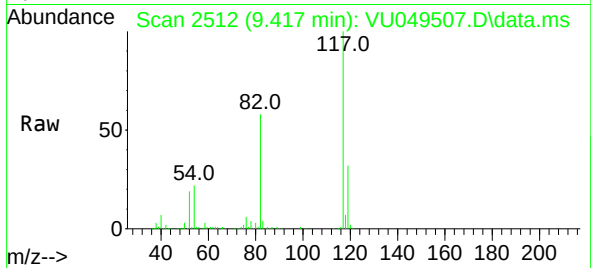




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049507.D
Acq: 29 Jun 2022 13:03

Instrument :
MSVOA_U
ClientSampleId :
MW-35

Tgt Ion:117 Resp: 443947
Ion Ratio Lower Upper
117 100
82 58.5 41.7 62.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049507.D
Acq: 29 Jun 2022 13:03

Tgt Ion:152 Resp: 203011
Ion Ratio Lower Upper
152 100
115 60.8 37.0 110.9
150 155.9 0.0 342.2

