

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048924.D
 Acq On : 07 Jun 2022 20:56
 Operator : SY/MD
 Sample : N3166-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 33BR-20220601

Quant Time: Jun 08 04:57:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

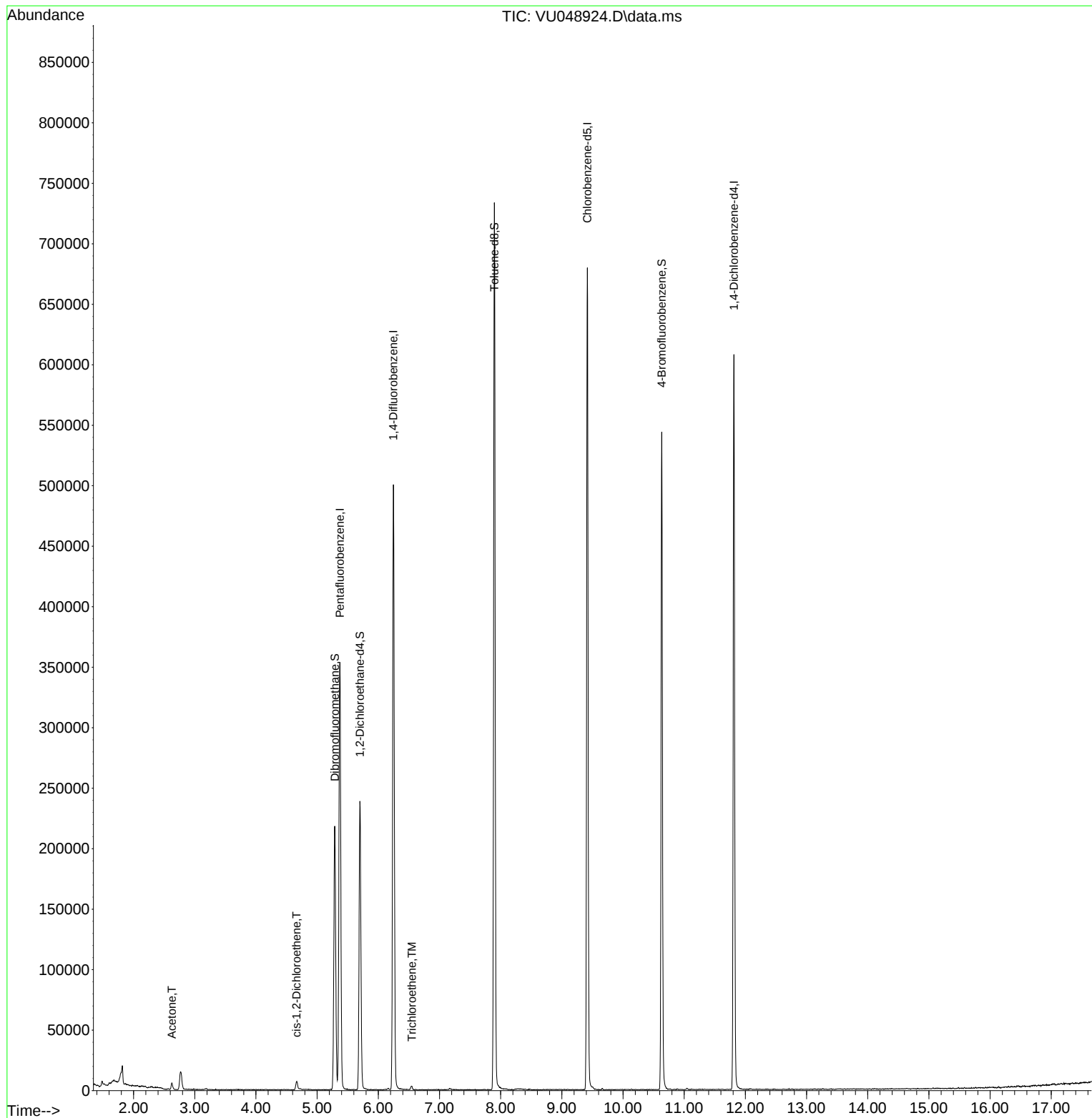
Internal Standards						
1) Pentafluorobenzene	5.372	168	239074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	399557	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	368926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	165094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183866	51.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.420%
35) Dibromofluoromethane	5.289	113	139683	49.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	7.896	98	481653	47.137	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.280%
62) 4-Bromofluorobenzene	10.632	95	177688	45.981	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.960%
Target Compounds						
						Qvalue
16) Acetone	2.626	43	5738	3.136	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	3900	1.211	ug/l	80
44) Trichloroethene	6.549	130	1441	0.455	ug/l	71

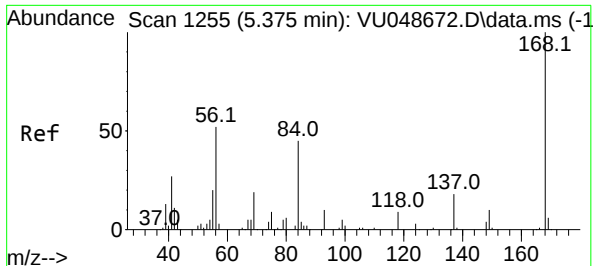
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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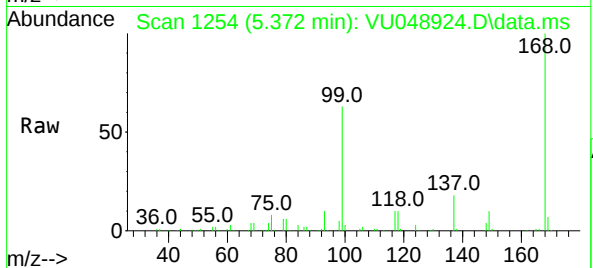
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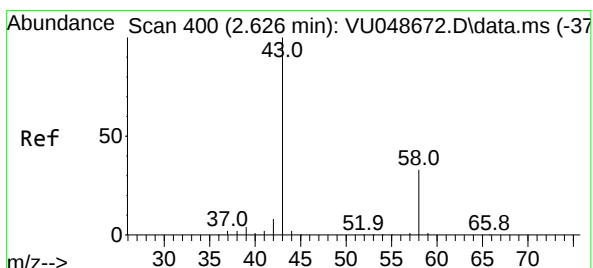
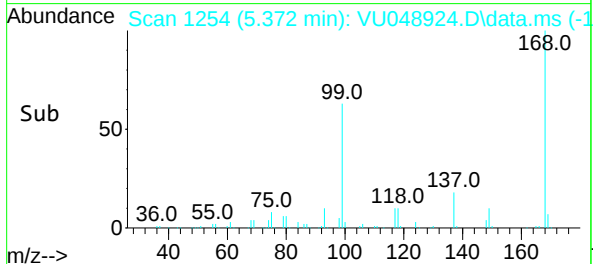
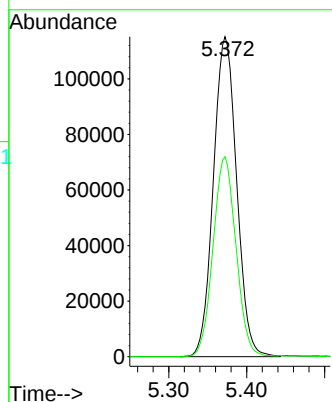


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048924.D
Acq: 07 Jun 2022 20:56

Instrument :
MSVOA_U
ClientSampleId :
33BR-20220601

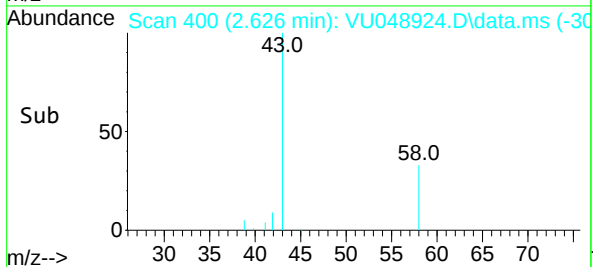
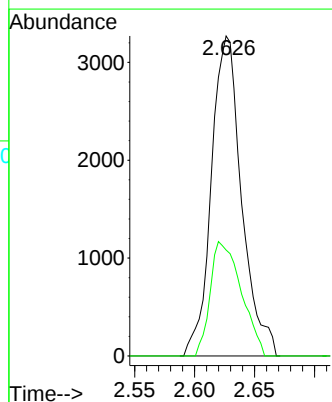
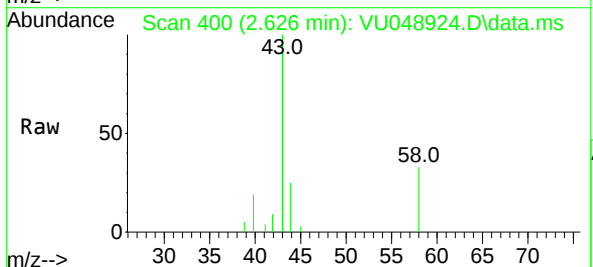


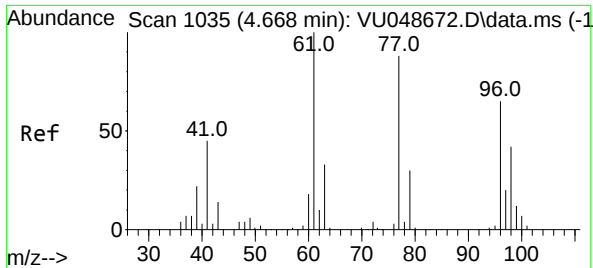
Tgt Ion:168 Resp: 239074
Ion Ratio Lower Upper
168 100
99 62.5 49.3 73.9



#16
Acetone
Concen: 3.136 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048924.D
Acq: 07 Jun 2022 20:56

Tgt Ion: 43 Resp: 5738
Ion Ratio Lower Upper
43 100
58 33.1 26.3 39.5





#27

cis-1,2-Dichloroethene

Concen: 1.211 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048924.D

Acq: 07 Jun 2022 20:56

Instrument :

MSVOA_U

ClientSampleId :

33BR-20220601

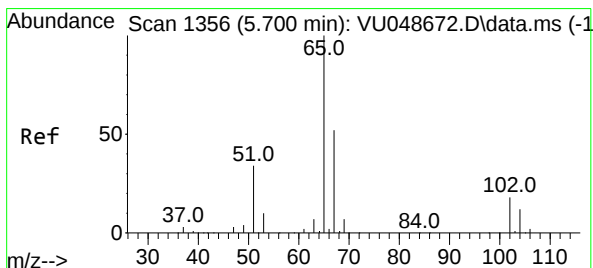
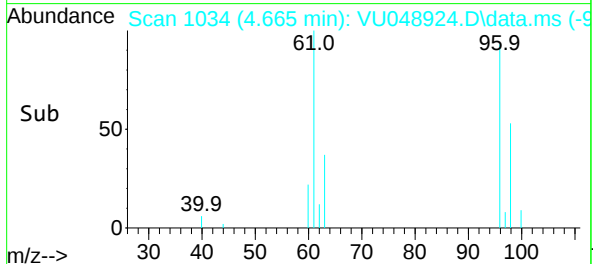
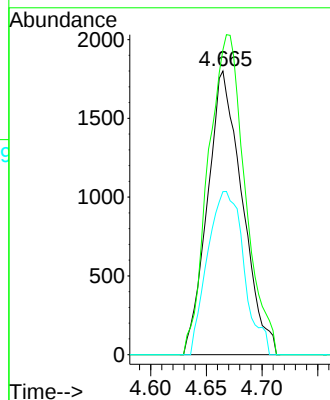
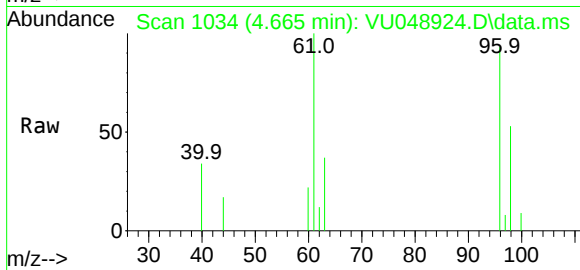
Tgt Ion: 96 Resp: 3900

Ion Ratio Lower Upper

96 100

61 119.4 0.0 306.2

98 60.3 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 51.210 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU048924.D

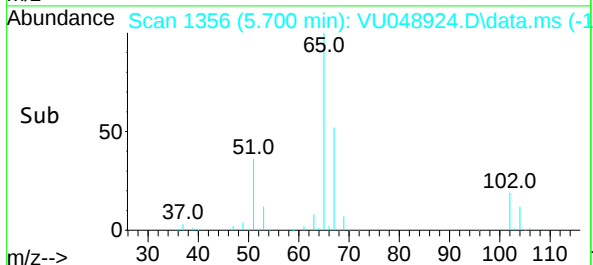
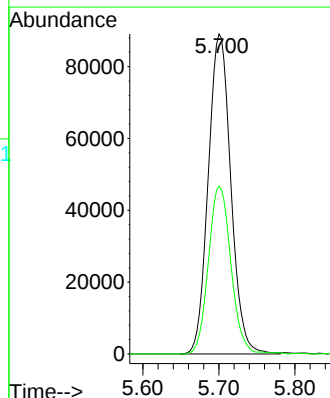
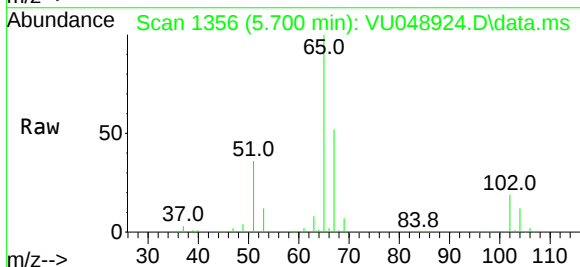
Acq: 07 Jun 2022 20:56

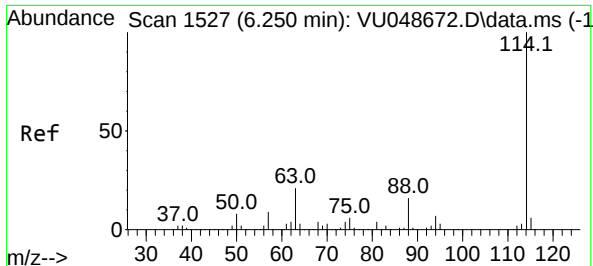
Tgt Ion: 65 Resp: 183866

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048924.D

Acq: 07 Jun 2022 20:56

Instrument :

MSVOA_U

ClientSampleId :

33BR-20220601

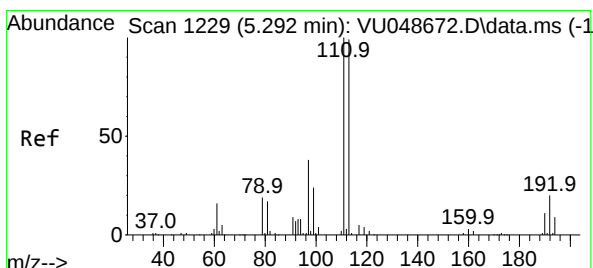
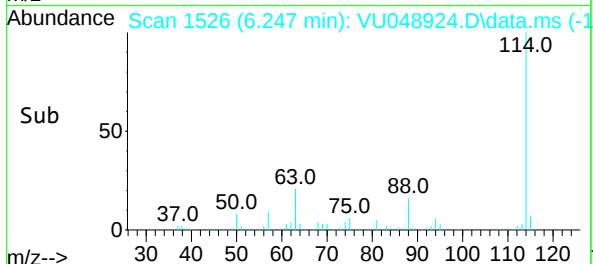
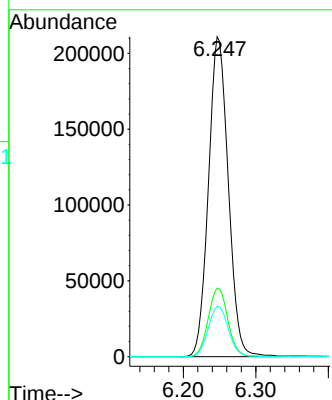
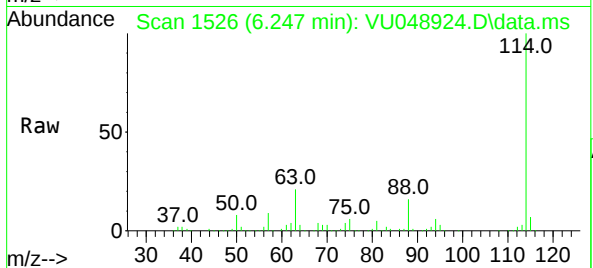
Tgt Ion:114 Resp: 399557

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 15.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.002 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048924.D

Acq: 07 Jun 2022 20:56

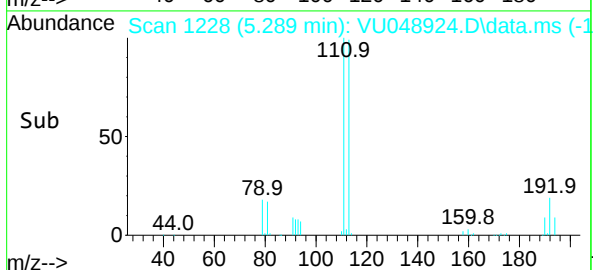
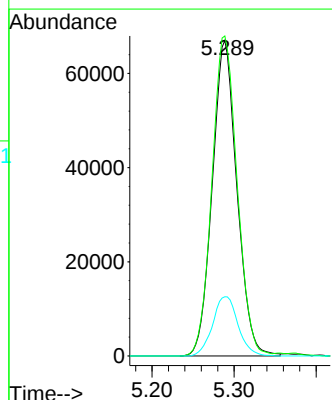
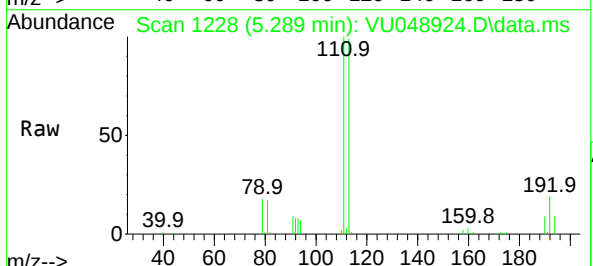
Tgt Ion:113 Resp: 139683

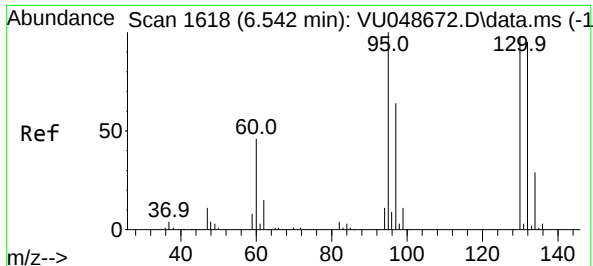
Ion Ratio Lower Upper

113 100

111 103.7 80.7 121.1

192 19.4 15.9 23.9

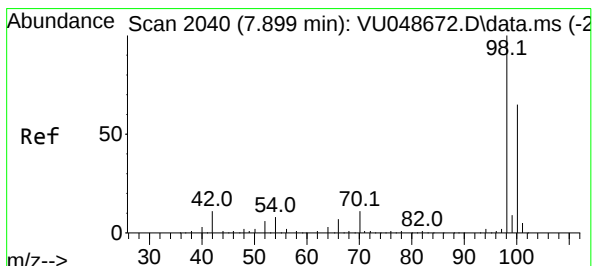
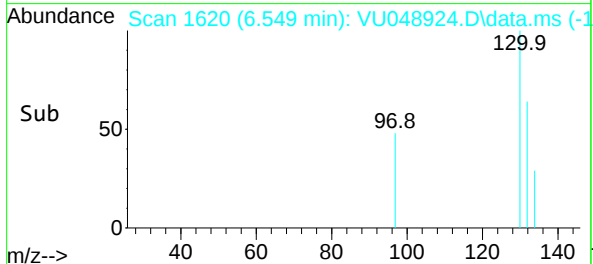
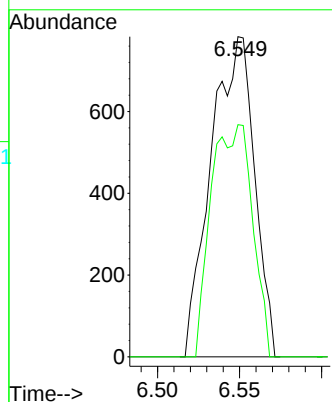
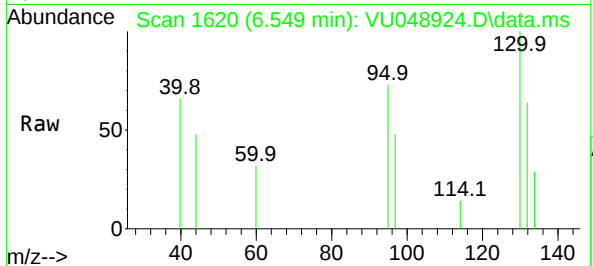




#44
Trichloroethene
Concen: 0.455 ug/l
RT: 6.549 min Scan# 10
Delta R.T. 0.007 min
Lab File: VU048924.D
Acq: 07 Jun 2022 20:56

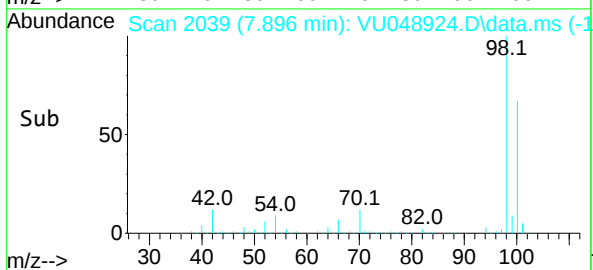
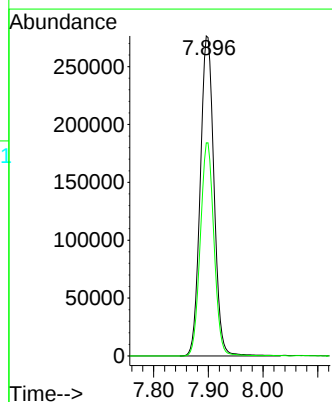
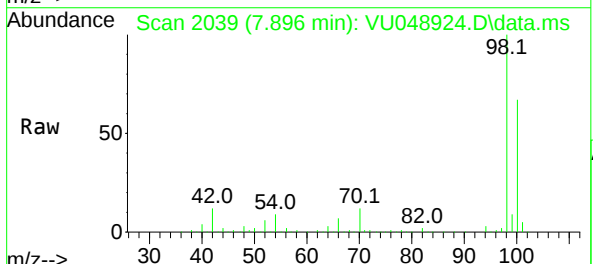
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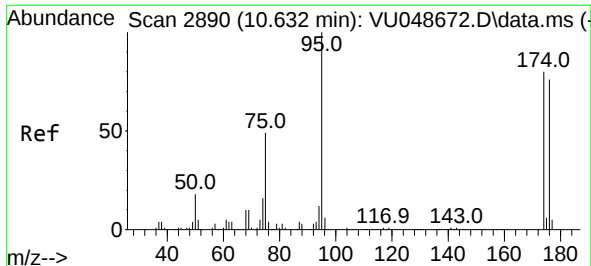
Tgt Ion:130 Resp: 1441
Ion Ratio Lower Upper
130 100
95 72.5 0.0 204.8



#50
Toluene-d8
Concen: 47.137 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048924.D
Acq: 07 Jun 2022 20:56

Tgt Ion: 98 Resp: 481653
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.4

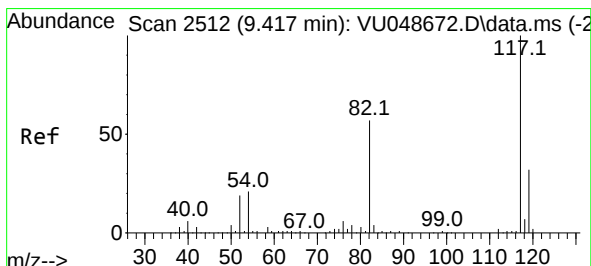
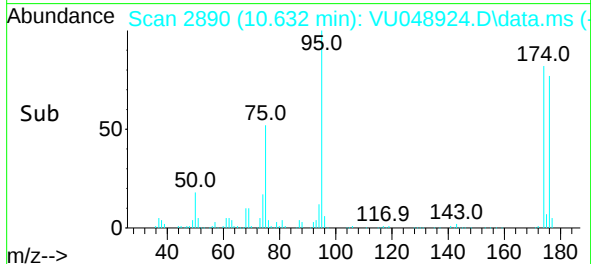
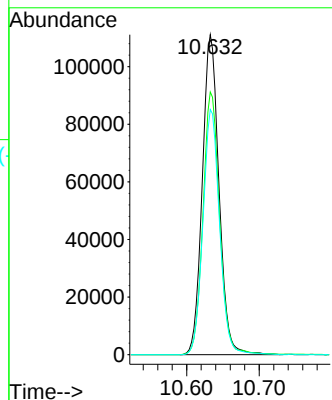
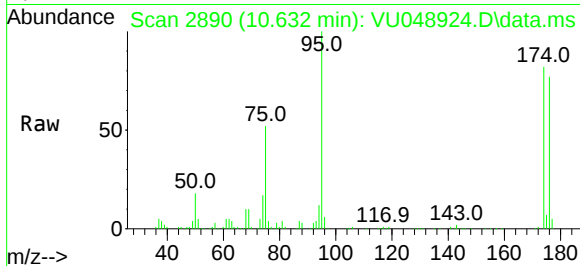




#62
4-Bromofluorobenzene
Concen: 45.981 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048924.D
Acq: 07 Jun 2022 20:56

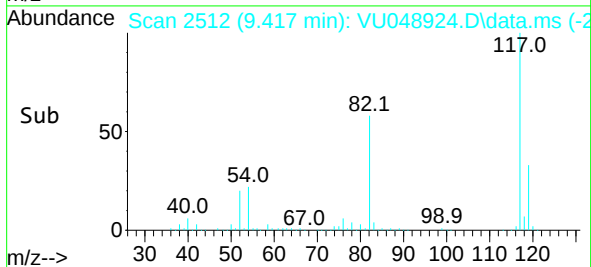
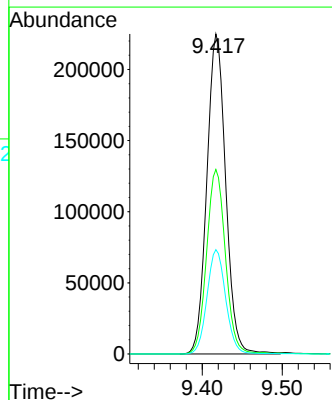
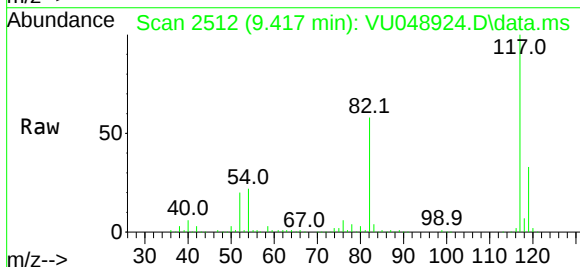
Instrument :
MSVOA_U
ClientSampleId :
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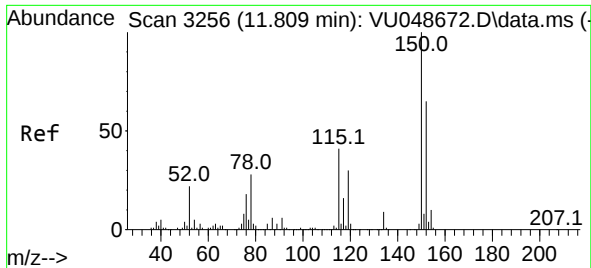
Tgt Ion: 95 Resp: 177688
Ion Ratio Lower Upper
95 100
174 81.6 0.0 159.4
176 76.5 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048924.D
Acq: 07 Jun 2022 20:56

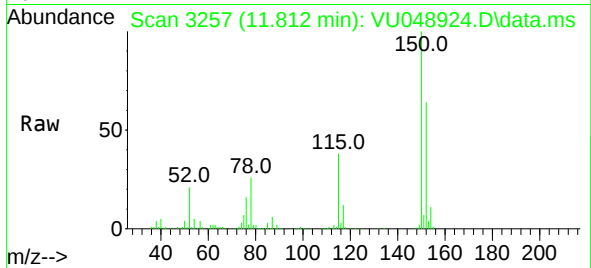
Tgt Ion: 117 Resp: 368926
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 32.6 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048924.D
 Acq: 07 Jun 2022 20:56

Instrument :
 MSVOA_U
 ClientSampleId :
 33BR-20220601



Tgt Ion:152 Resp: 165094
 Ion Ratio Lower Upper
 152 100
 115 59.5 41.8 125.4
 150 156.8 0.0 341.0

