

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048907.D
 Acq On : 07 Jun 2022 14:15
 Operator : SY/MD
 Sample : N3165-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 60BR-20220531

Quant Time: Jun 08 04:51:57 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)

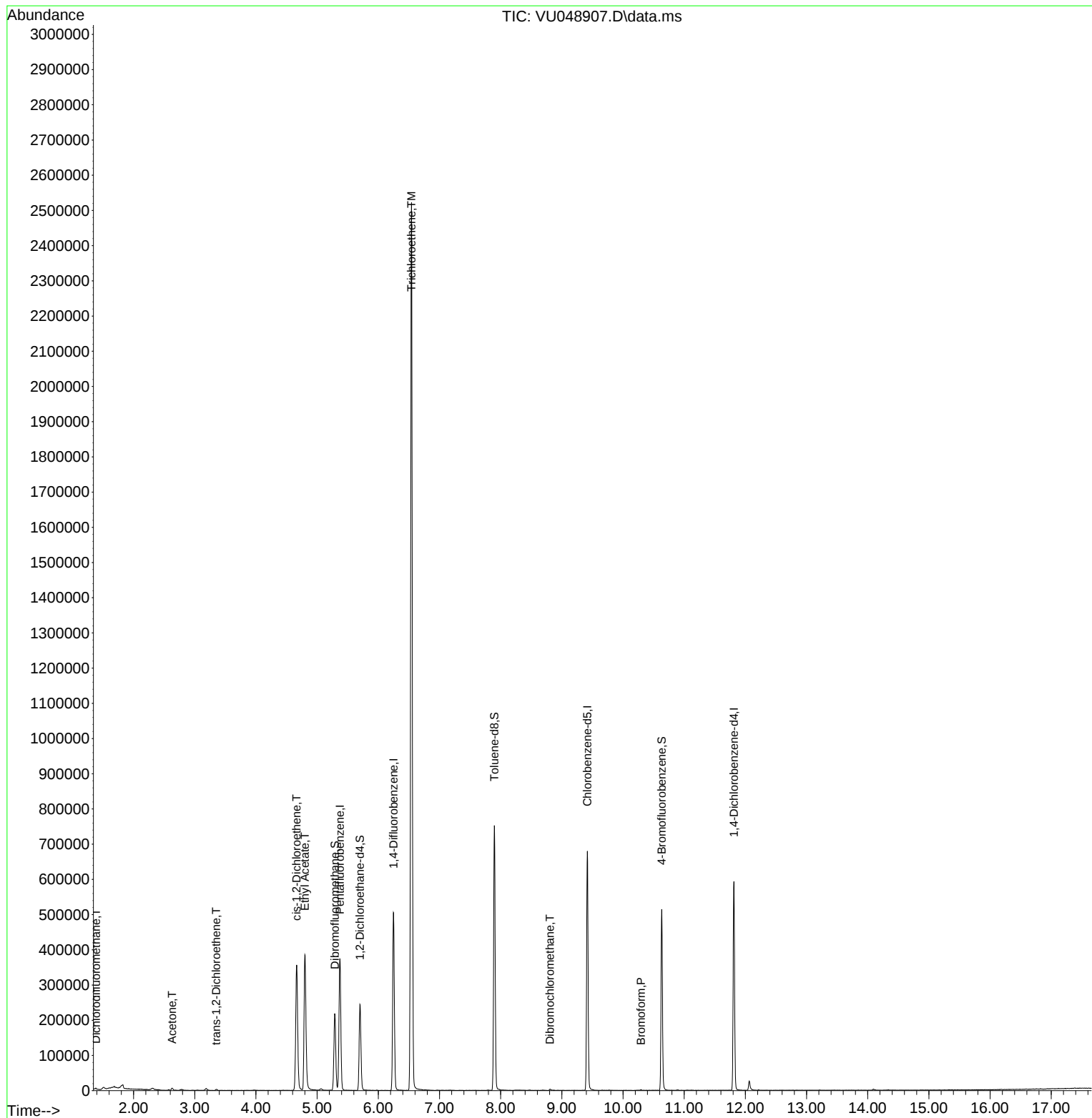
Internal Standards						
1) Pentafluorobenzene	5.372	168	252242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	403189	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	368204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	159784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	186129	49.134	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.260%
35) Dibromofluoromethane	5.289	113	140733	48.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	7.896	98	502806	48.764	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	10.632	95	171217	43.907	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2017	0.698	ug/l	99
16) Acetone	2.629	43	7819	4.050	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	1450	0.494	ug/l #	78
27) cis-1,2-Dichloroethene	4.665	96	184572	54.299	ug/l	88
37) Ethyl Acetate	4.800	43	509423	95.987	ug/l	99
44) Trichloroethene	6.543	130	839265	262.837	ug/l	100
60) Dibromochloromethane	8.806	129	1903	0.519	ug/l	100
71) Bromoform	10.295	173	964	0.353	ug/l #	94

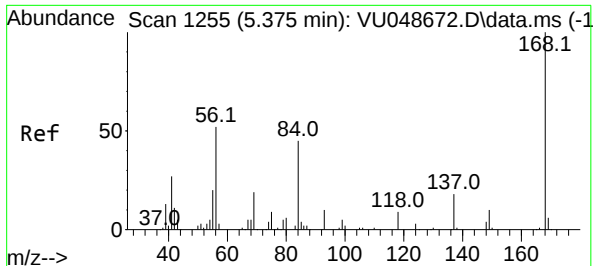
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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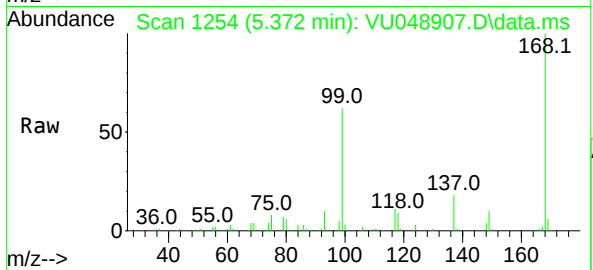
Quant Time: Jun 08 04:51:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
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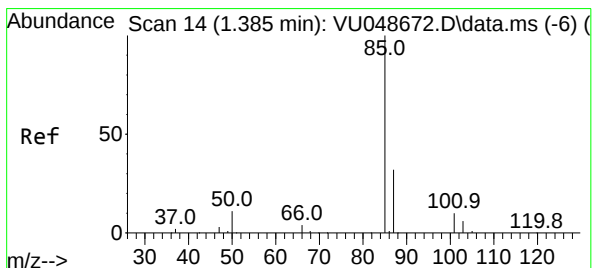
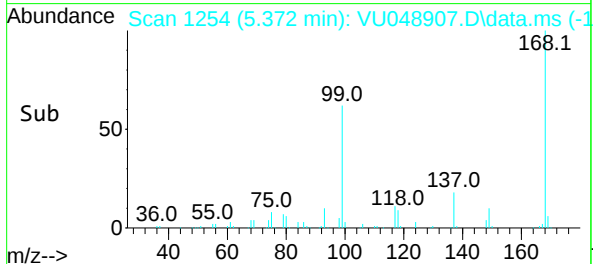
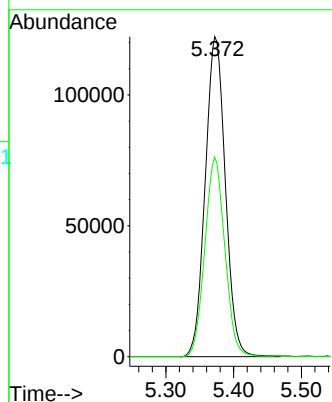


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048907.D
Acq: 07 Jun 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :
60BR-20220531

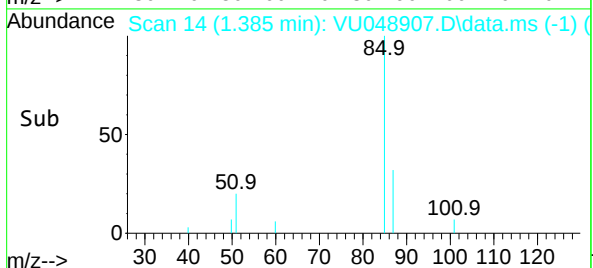
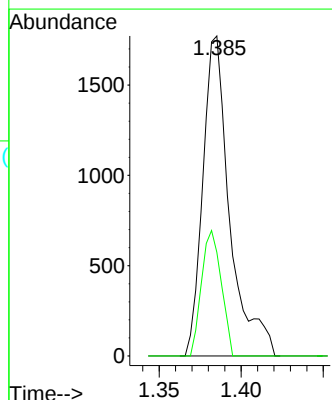
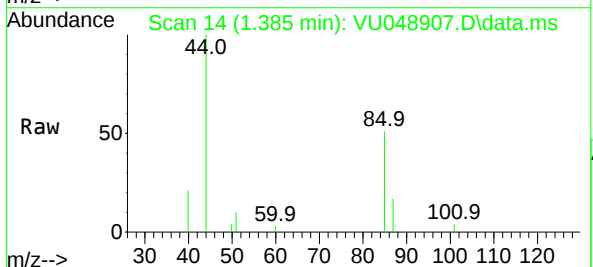


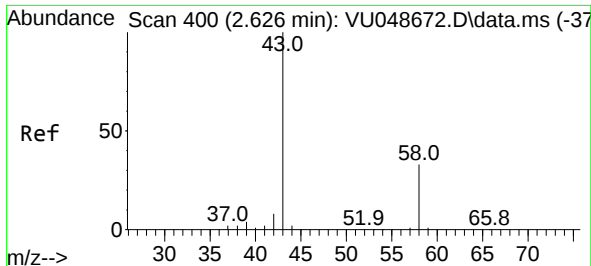
Tgt Ion:168 Resp: 252242
Ion Ratio Lower Upper
168 100
99 62.3 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 0.698 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048907.D
Acq: 07 Jun 2022 14:15

Tgt Ion: 85 Resp: 2017
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

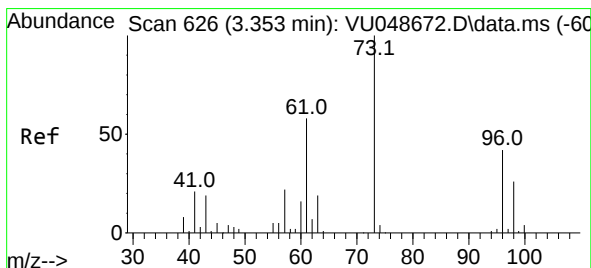
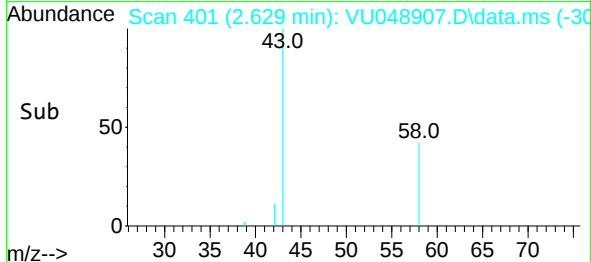
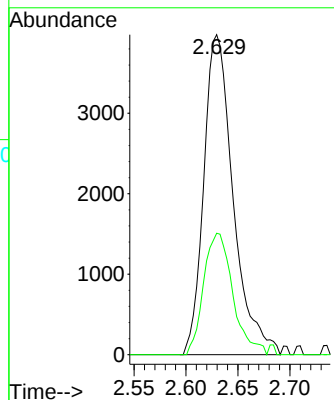
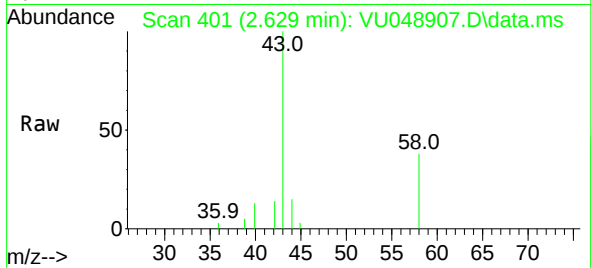




#16
Acetone
Concen: 4.050 ug/l
RT: 2.629 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU048907.D
Acq: 07 Jun 2022 14:15

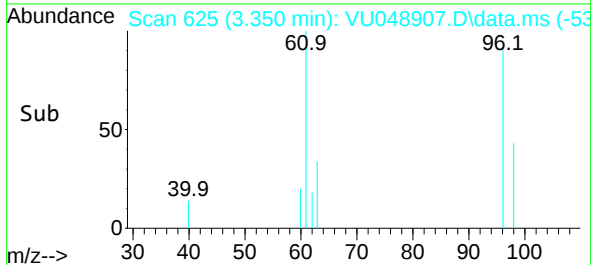
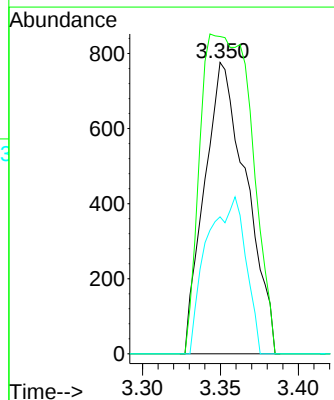
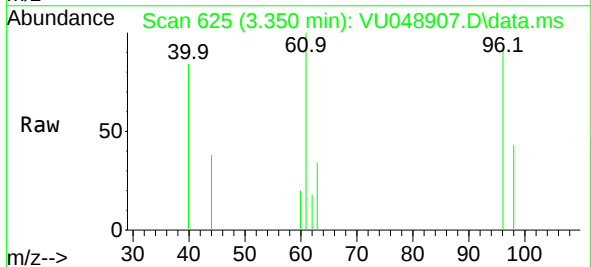
Instrument :
MSVOA_U
ClientSampleId :
60BR-20220531

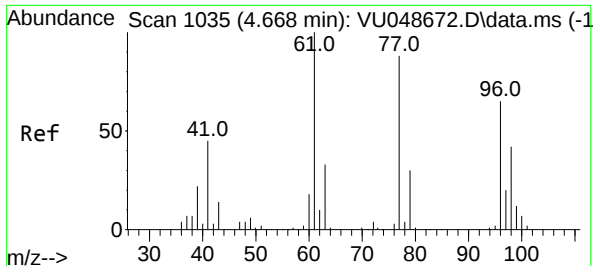
Tgt Ion: 43 Resp: 7819
Ion Ratio Lower Upper
43 100
58 38.0 26.3 39.5



#21
trans-1,2-Dichloroethene
Concen: 0.494 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU048907.D
Acq: 07 Jun 2022 14:15

Tgt Ion: 96 Resp: 1450
Ion Ratio Lower Upper
96 100
61 108.9 109.4 164.2#
98 47.0 48.9 73.3#

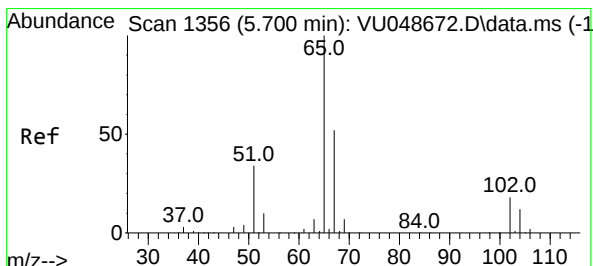
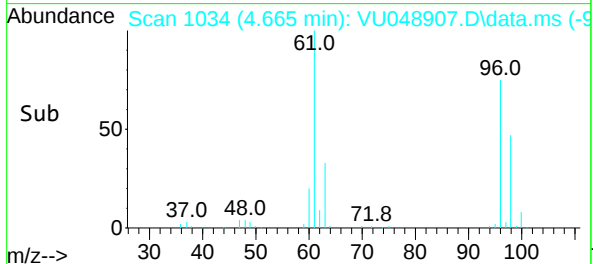
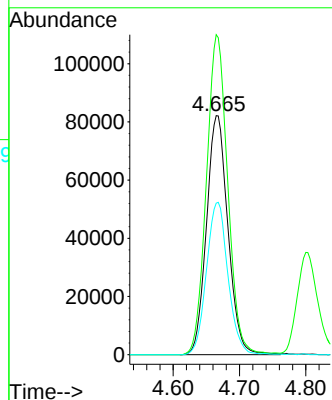
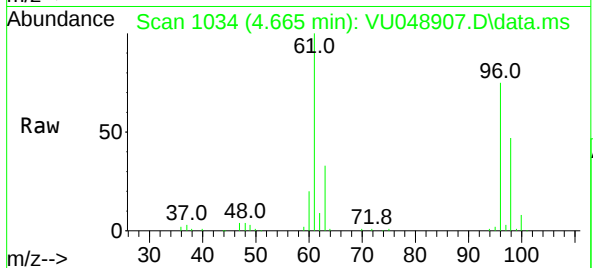




#27
 cis-1,2-Dichloroethene
 Concen: 54.299 ug/l
 RT: 4.665 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU048907.D
 Acq: 07 Jun 2022 14:15

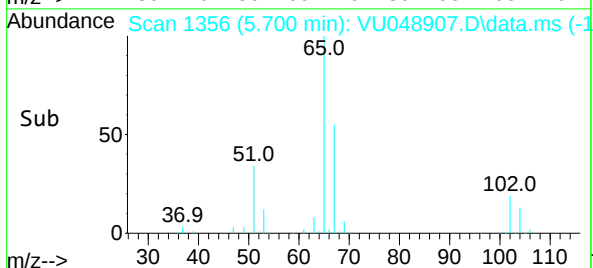
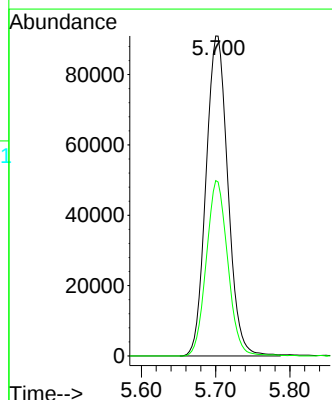
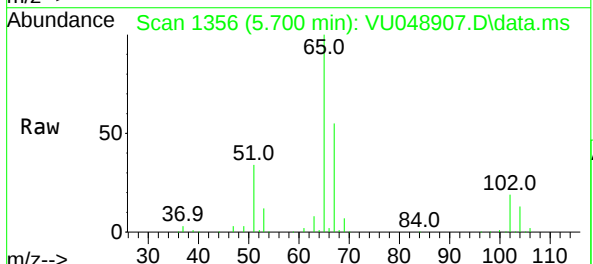
Instrument :
 MSVOA_U
 ClientSampleId :
 60BR-20220531

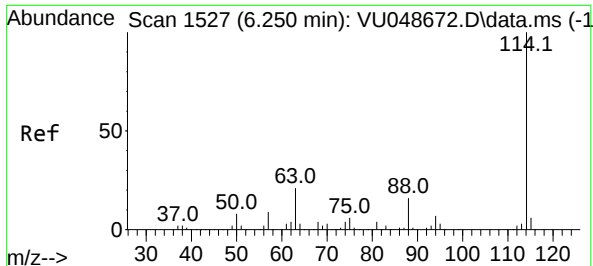
Tgt Ion: 96 Resp: 184572
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 306.2
 98 63.7 0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 49.134 ug/l
 RT: 5.700 min Scan# 1356
 Delta R.T. 0.000 min
 Lab File: VU048907.D
 Acq: 07 Jun 2022 14:15

Tgt Ion: 65 Resp: 186129
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048907.D

Acq: 07 Jun 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

60BR-20220531

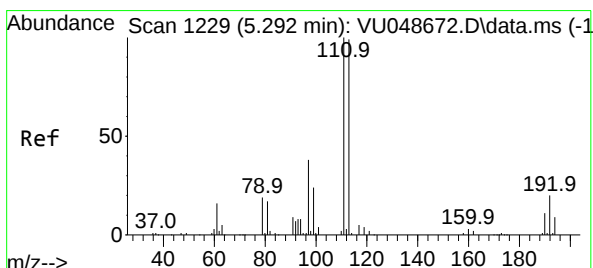
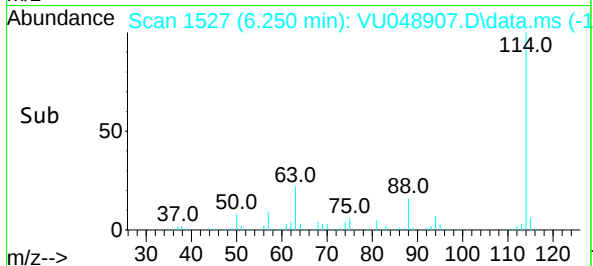
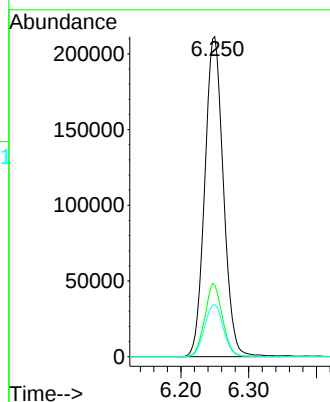
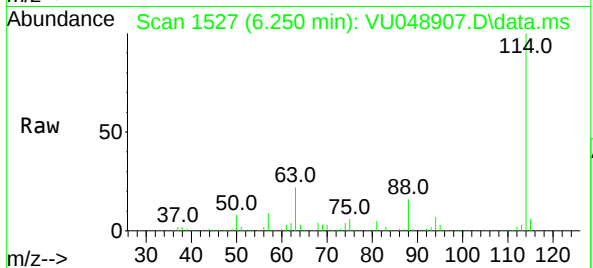
Tgt Ion:114 Resp: 403189

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.6

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.926 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048907.D

Acq: 07 Jun 2022 14:15

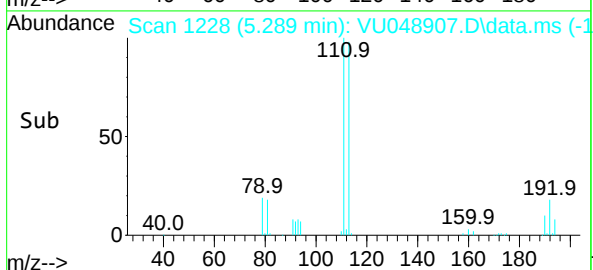
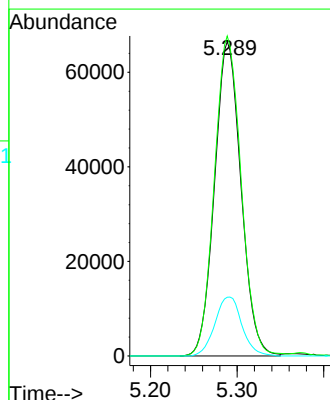
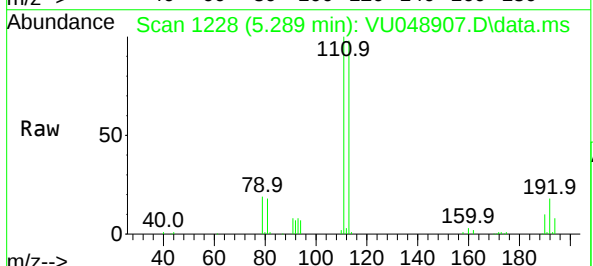
Tgt Ion:113 Resp: 140733

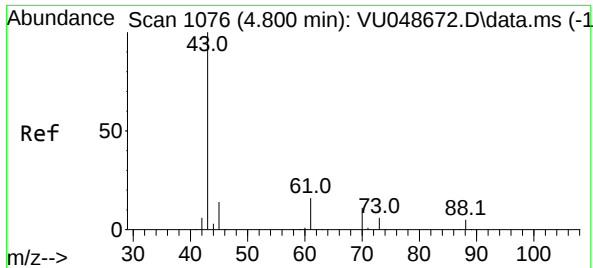
Ion Ratio Lower Upper

113 100

111 102.9 80.7 121.1

192 19.2 15.9 23.9

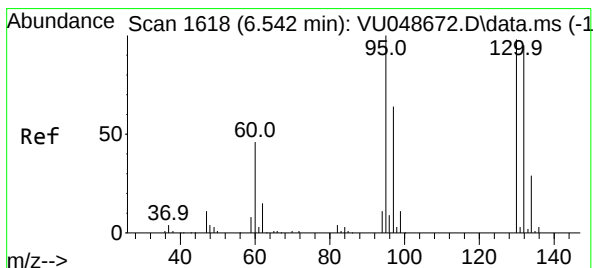
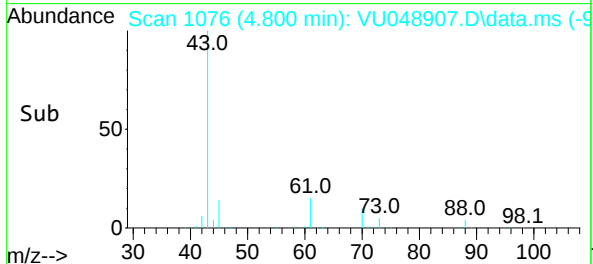
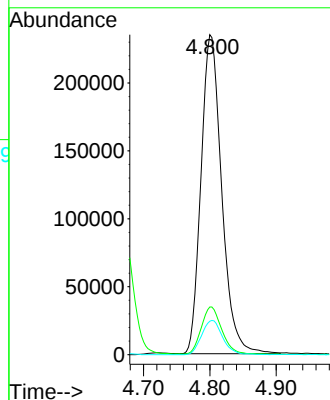
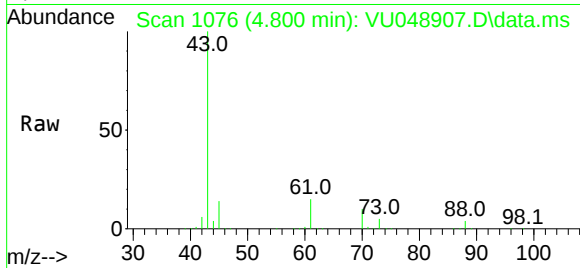




#37
Ethyl Acetate
Concen: 95.987 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VU048907.D
Acq: 07 Jun 2022 14:15

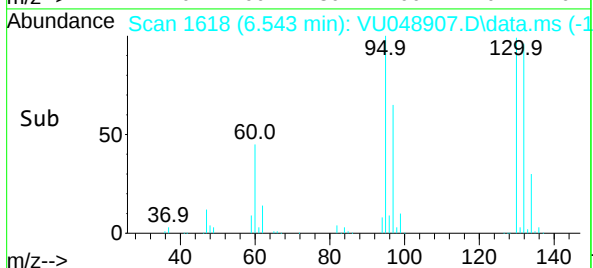
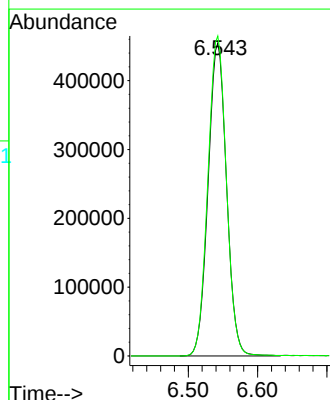
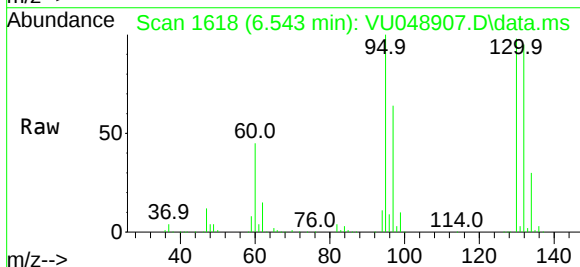
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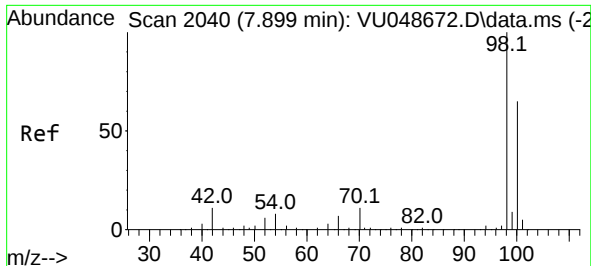
Tgt Ion: 43 Resp: 509423
Ion Ratio Lower Upper
43 100
61 14.7 11.7 17.5
70 10.9 8.4 12.6



#44
Trichloroethene
Concen: 262.837 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048907.D
Acq: 07 Jun 2022 14:15

Tgt Ion:130 Resp: 839265
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.8

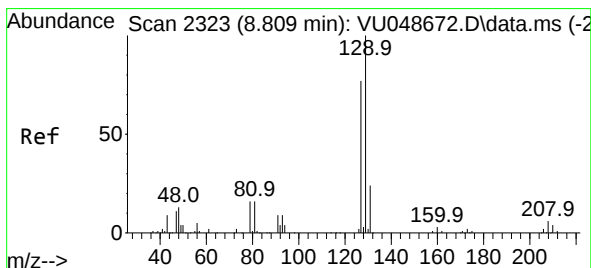
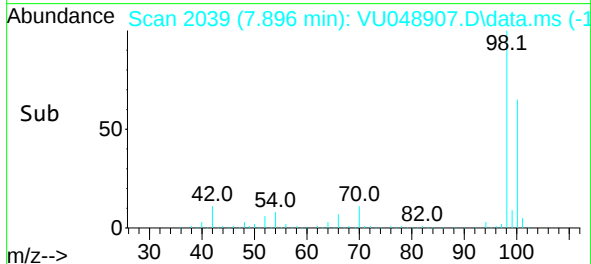
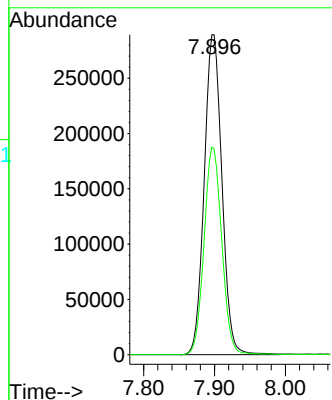
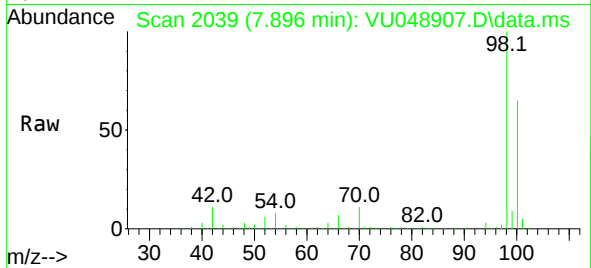




#50
Toluene-d8
Concen: 48.764 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048907.D
Acq: 07 Jun 2022 14:15

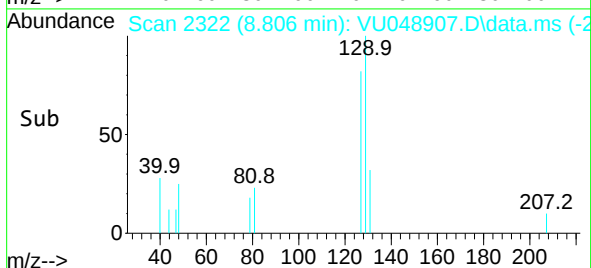
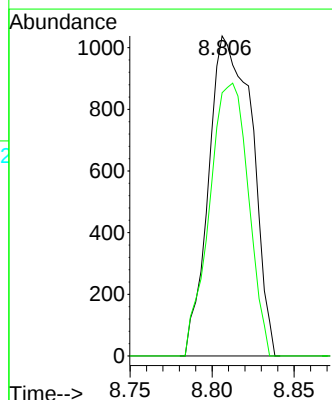
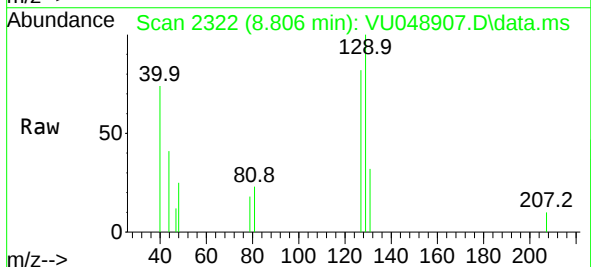
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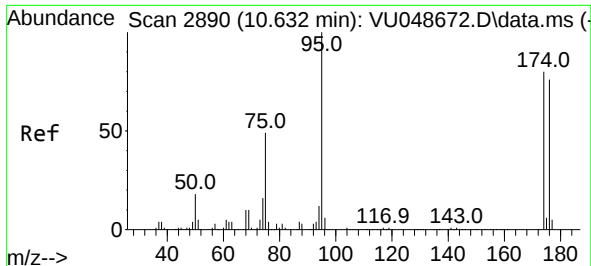
Tgt Ion: 98 Resp: 502806
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#60
Dibromochloromethane
Concen: 0.519 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU048907.D
Acq: 07 Jun 2022 14:15

Tgt Ion: 129 Resp: 1903
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

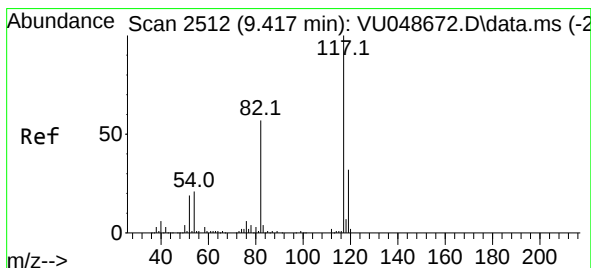
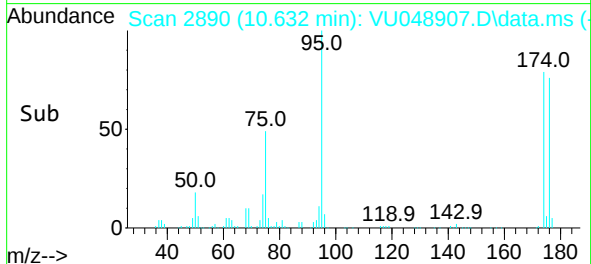
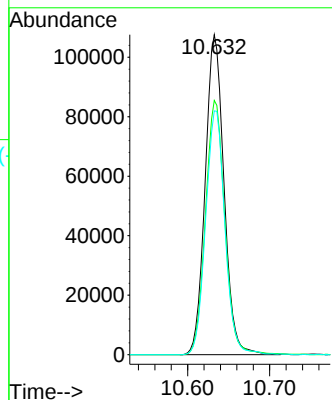
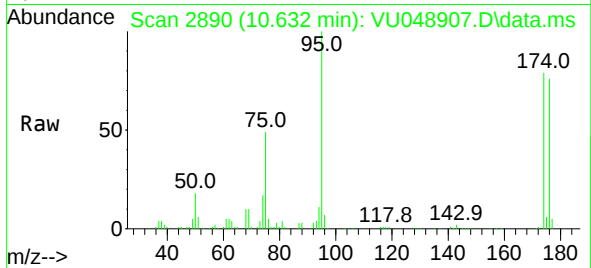




#62
4-Bromofluorobenzene
Concen: 43.907 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048907.D
Acq: 07 Jun 2022 14:15

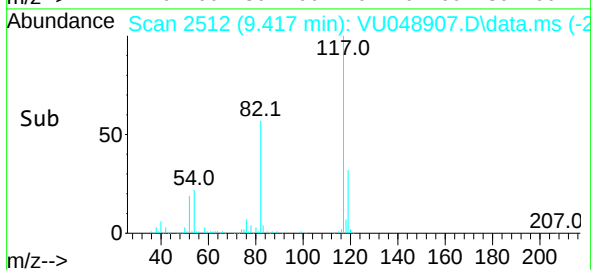
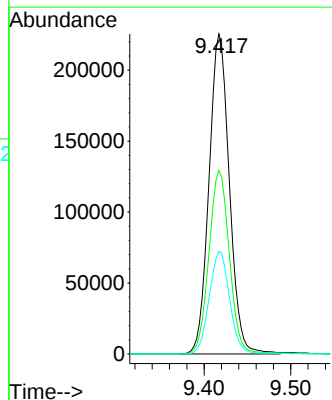
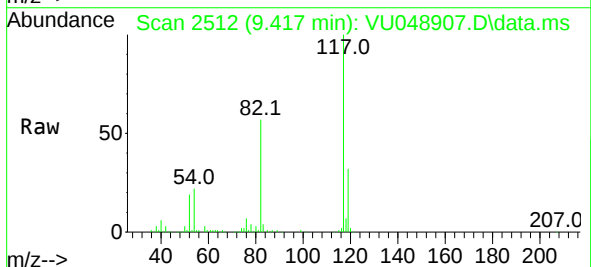
Instrument :
MSVOA_U
ClientSampleId :
60BR-20220531

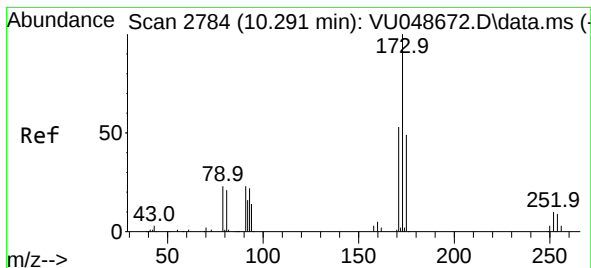
Tgt Ion: 95 Resp: 171217
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.4
176 77.9 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048907.D
Acq: 07 Jun 2022 14:15

Tgt Ion: 117 Resp: 368204
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 32.1 25.4 38.2





#71

Bromoform

Concen: 0.353 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048907.D

Acq: 07 Jun 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

60BR-20220531

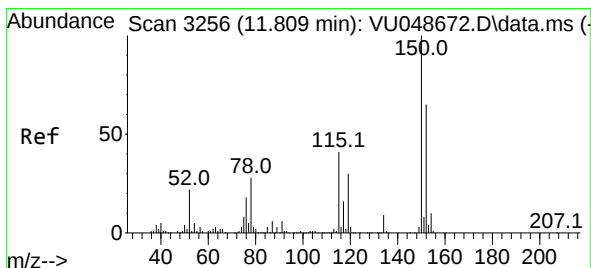
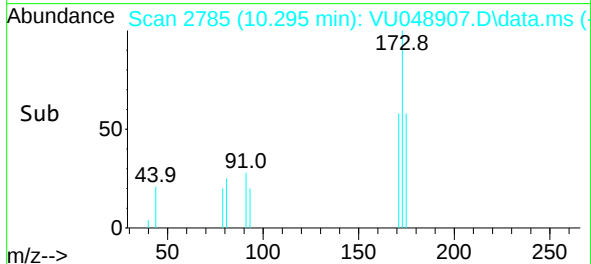
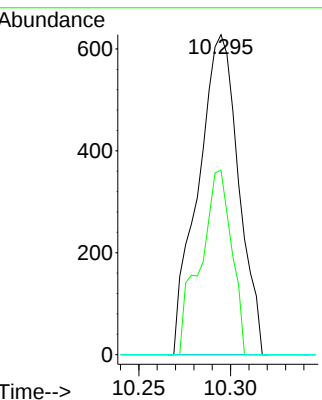
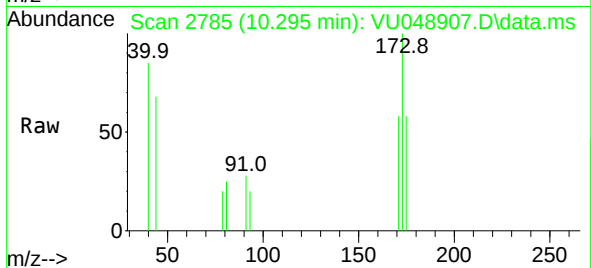
Tgt Ion:173 Resp: 964

Ion Ratio Lower Upper

173 100

175 44.6 24.5 73.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048907.D

Acq: 07 Jun 2022 14:15

Tgt Ion:152 Resp: 159784

Ion Ratio Lower Upper

152 100

115 59.8 41.8 125.4

150 157.9 0.0 341.0

