

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048940.D
 Acq On : 08 Jun 2022 03:48
 Operator : SY/MD
 Sample : N3166-08 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP05-20220531

Quant Time: Jun 08 09:16:36 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)

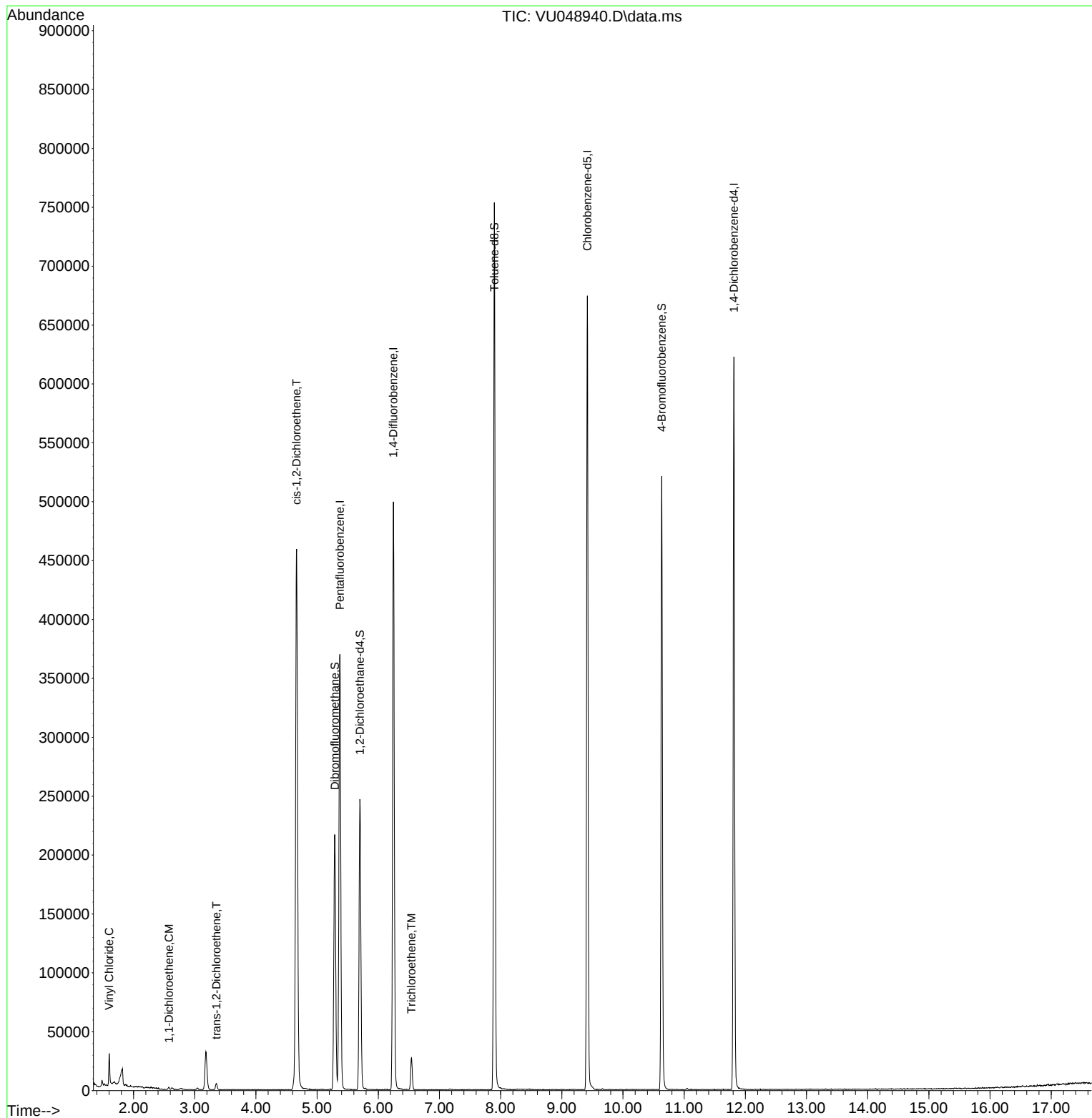
Internal Standards						
1) Pentafluorobenzene	5.372	168	251730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	400735	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	362664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	168332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	188935	49.976	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.960%
35) Dibromofluoromethane	5.289	113	141001	49.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	7.896	98	495232	48.324	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.640%
62) 4-Bromofluorobenzene	10.633	95	169994	43.860	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.720%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.601	62	17428	5.072	ug/l	92
12) 1,1-Dichloroethene	2.578	96	635	0.248	ug/l	84
21) trans-1,2-Dichloroethene	3.353	96	2632	0.898	ug/l #	84
27) cis-1,2-Dichloroethene	4.665	96	238661	70.354	ug/l	88
44) Trichloroethene	6.543	130	9500	2.993	ug/l	94

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

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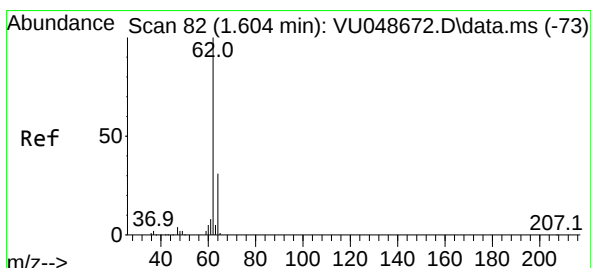
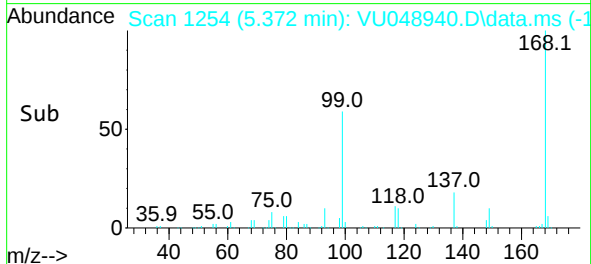
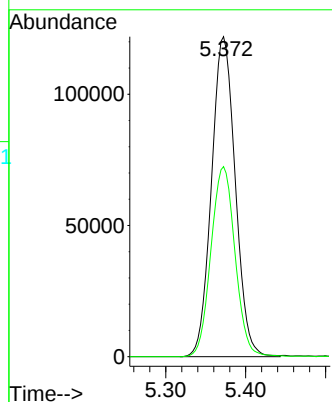
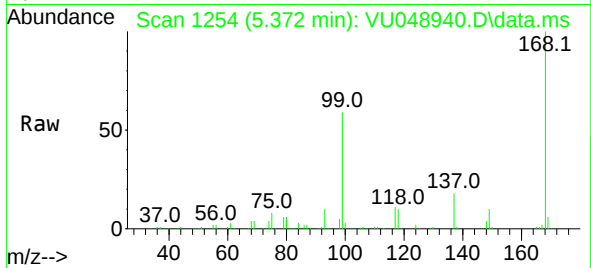




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048940.D
Acq: 08 Jun 2022 03:48

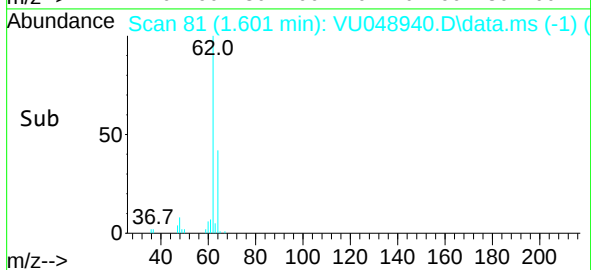
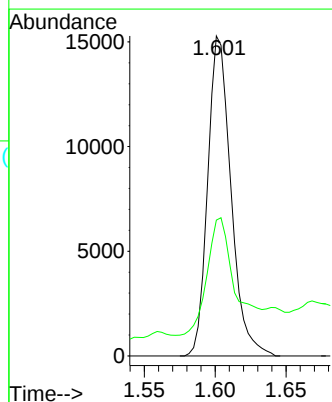
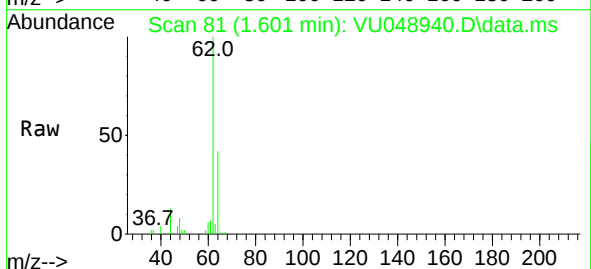
Instrument :
MSVOA_U
ClientSampleId :
DUP05-20220531

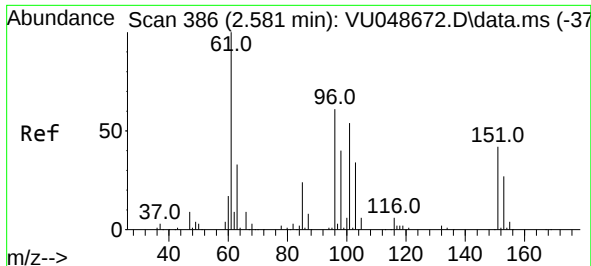
Tgt Ion:168 Resp: 251730
Ion Ratio Lower Upper
168 100
99 59.4 49.3 73.9



#4
Vinyl Chloride
Concen: 5.072 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048940.D
Acq: 08 Jun 2022 03:48

Tgt Ion: 62 Resp: 17428
Ion Ratio Lower Upper
62 100
64 36.0 25.2 37.8





#12

1,1-Dichloroethene

Concen: 0.248 ug/l

RT: 2.578 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048940.D

Acq: 08 Jun 2022 03:48

Instrument :

MSVOA_U

ClientSampleId :

DUP05-20220531

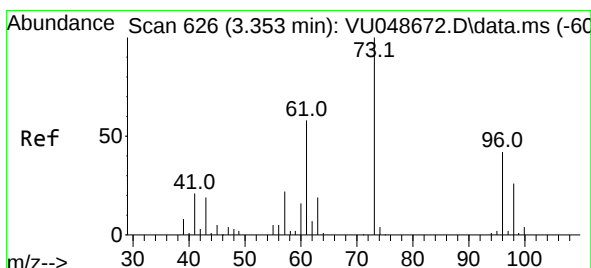
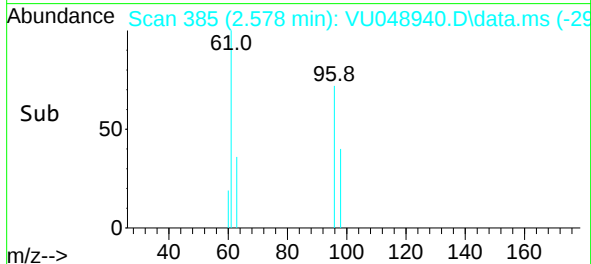
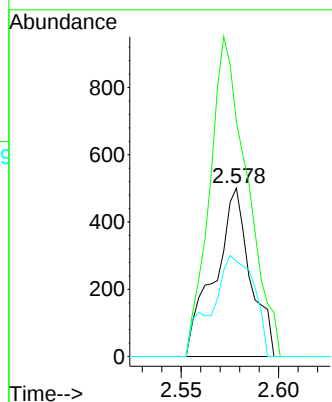
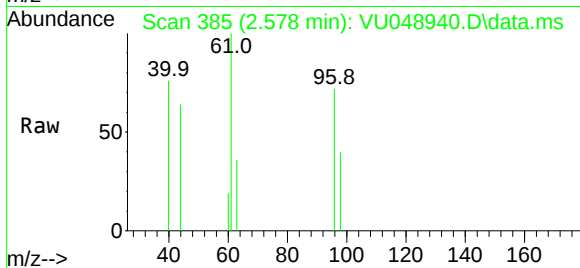
Tgt Ion: 96 Resp: 635

Ion Ratio Lower Upper

96 100

61 139.5 131.1 196.7

98 56.5 51.8 77.8



#21

trans-1,2-Dichloroethene

Concen: 0.898 ug/l

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU048940.D

Acq: 08 Jun 2022 03:48

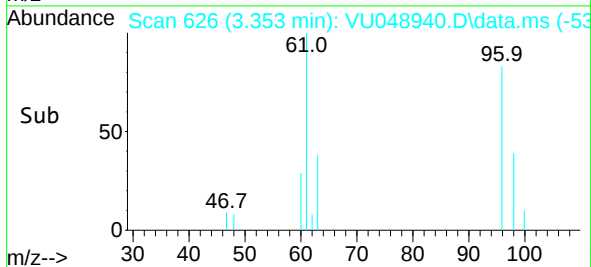
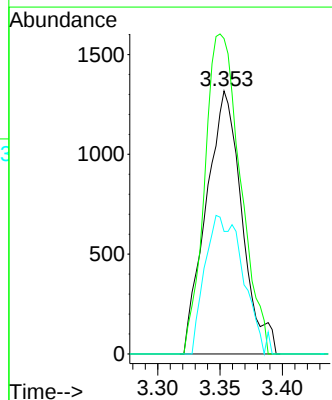
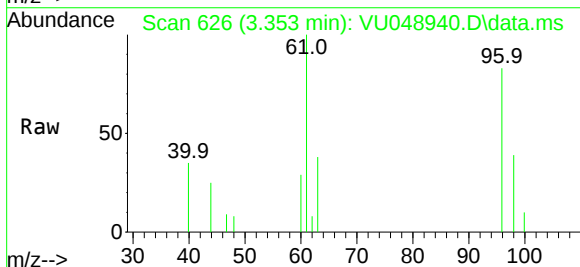
Tgt Ion: 96 Resp: 2632

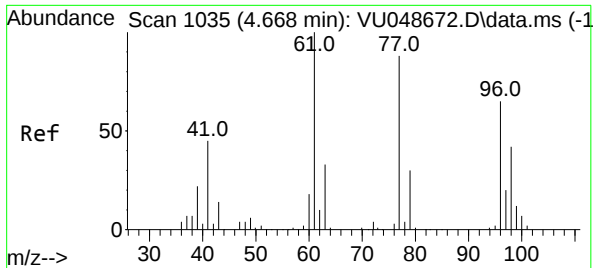
Ion Ratio Lower Upper

96 100

61 119.9 109.4 164.2

98 46.6 48.9 73.3#





#27

cis-1,2-Dichloroethene

Concen: 70.354 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048940.D

Acq: 08 Jun 2022 03:48

Instrument :

MSVOA_U

ClientSampleId :

DUP05-20220531

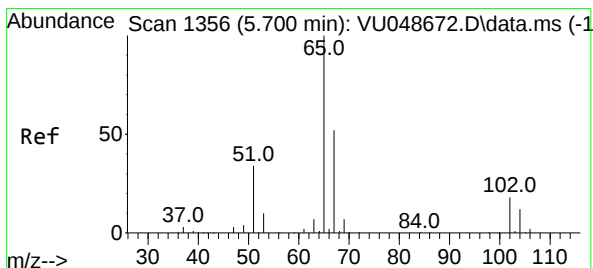
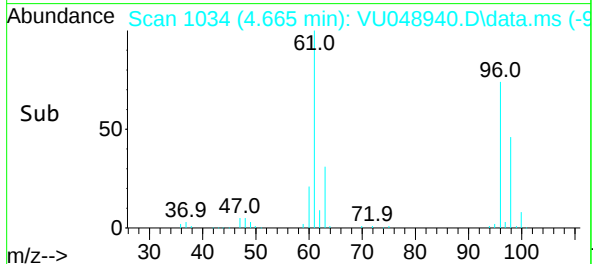
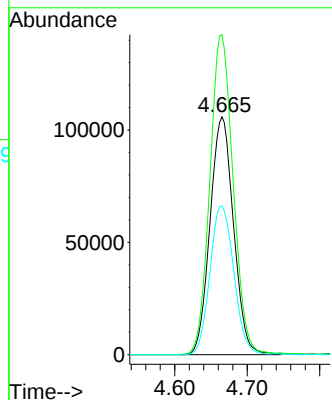
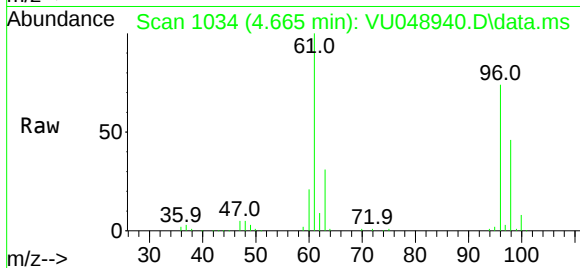
Tgt Ion: 96 Resp: 238661

Ion Ratio Lower Upper

96 100

61 133.2 0.0 306.2

98 63.4 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 49.976 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU048940.D

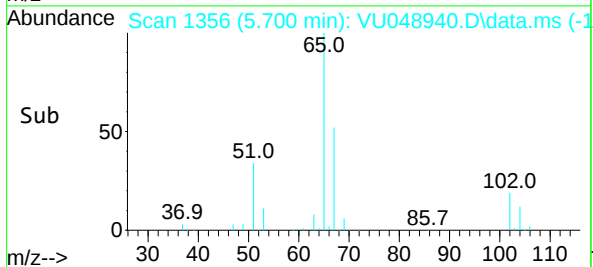
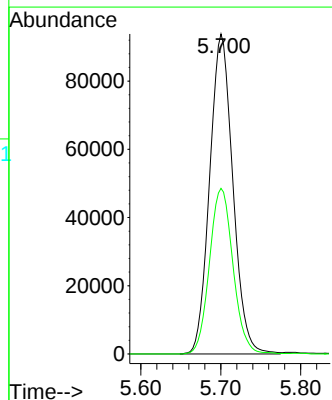
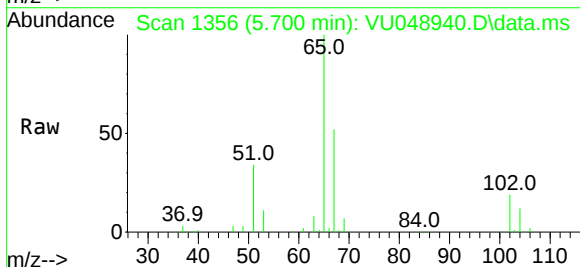
Acq: 08 Jun 2022 03:48

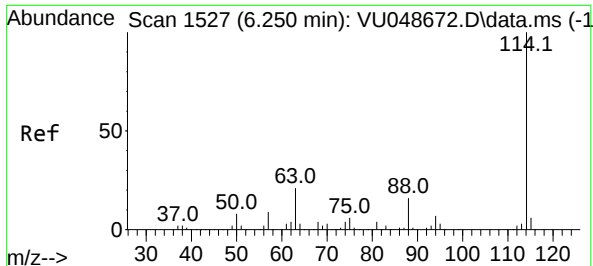
Tgt Ion: 65 Resp: 188935

Ion Ratio Lower Upper

65 100

67 52.5 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: VU048940.D

Acq: 08 Jun 2022 03:48

Instrument :

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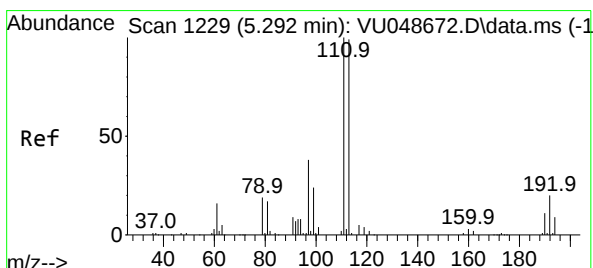
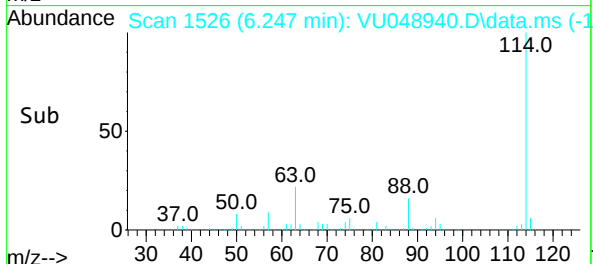
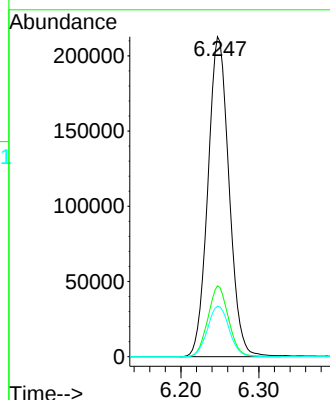
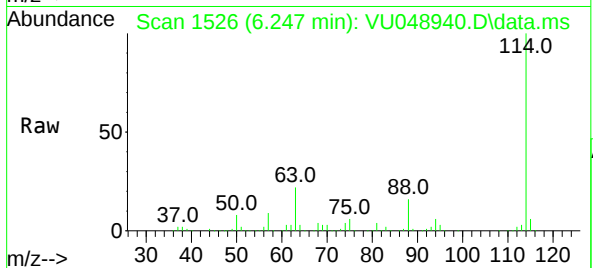
Tgt Ion:114 Resp: 400735

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.6

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.319 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048940.D

Acq: 08 Jun 2022 03:48

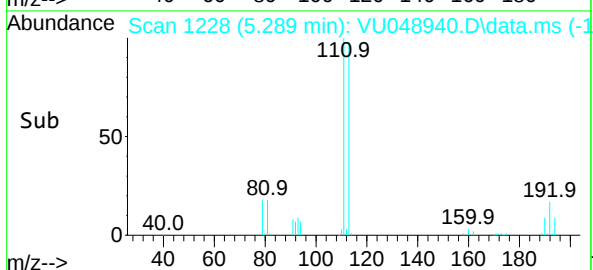
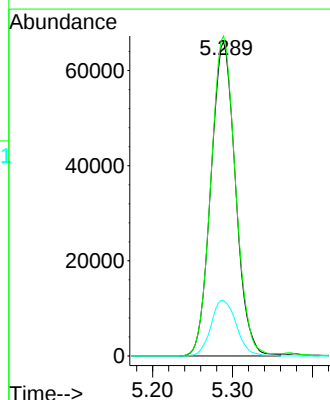
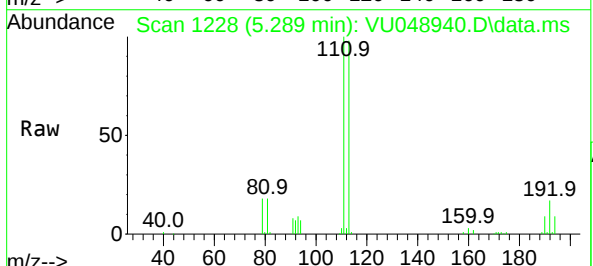
Tgt Ion:113 Resp: 141001

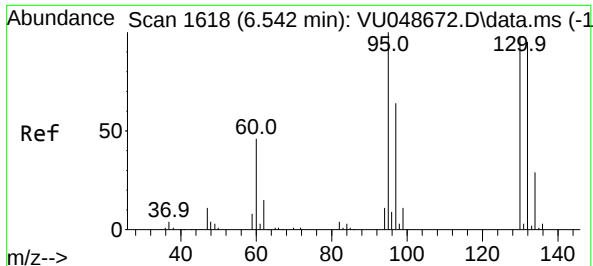
Ion Ratio Lower Upper

113 100

111 101.9 80.7 121.1

192 18.3 15.9 23.9

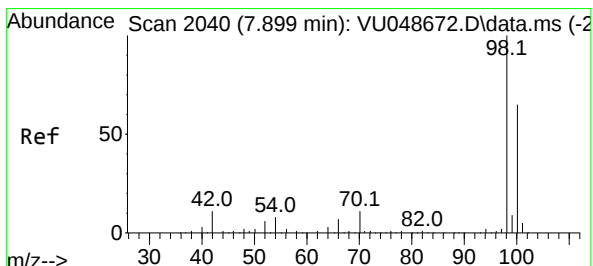
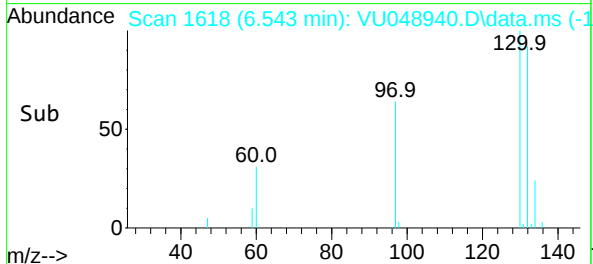
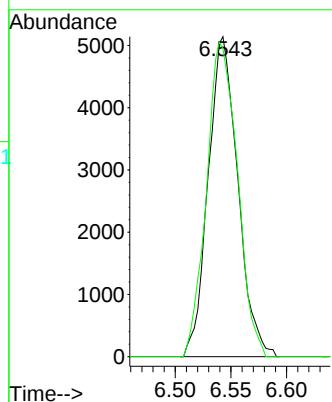
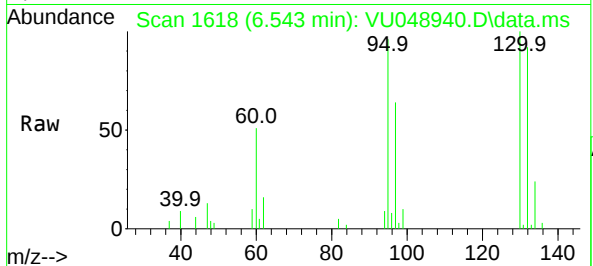




#44
Trichloroethene
Concen: 2.993 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048940.D
Acq: 08 Jun 2022 03:48

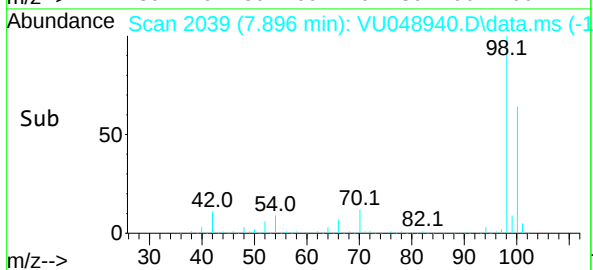
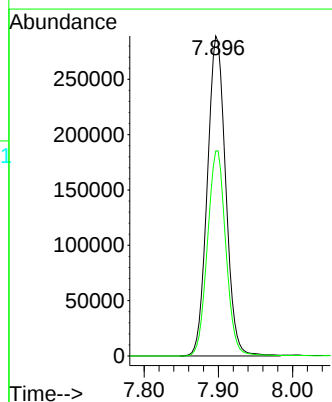
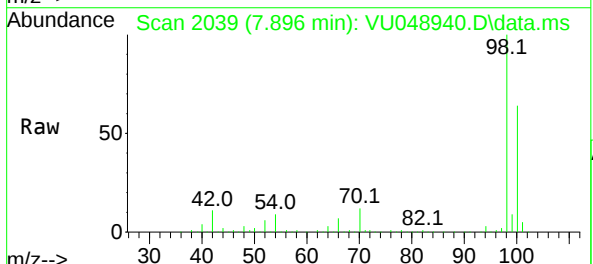
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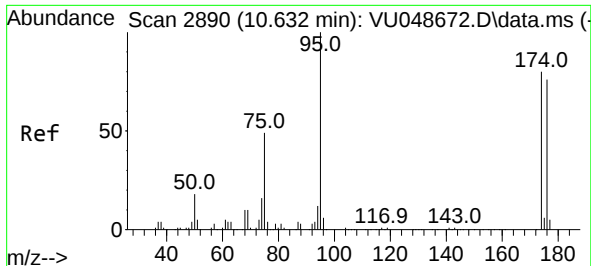
Tgt Ion:130 Resp: 9500
Ion Ratio Lower Upper
130 100
95 96.3 0.0 204.8



#50
Toluene-d8
Concen: 48.324 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048940.D
Acq: 08 Jun 2022 03:48

Tgt Ion: 98 Resp: 495232
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4

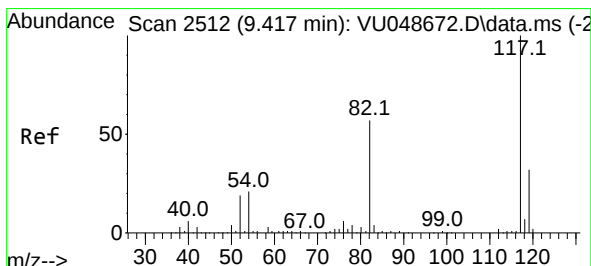
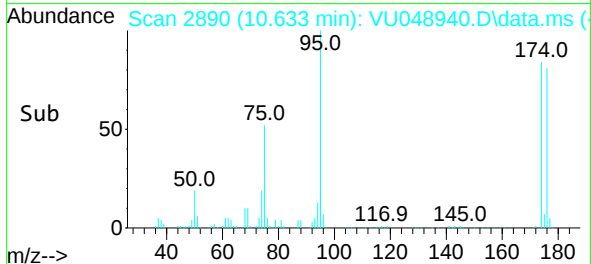
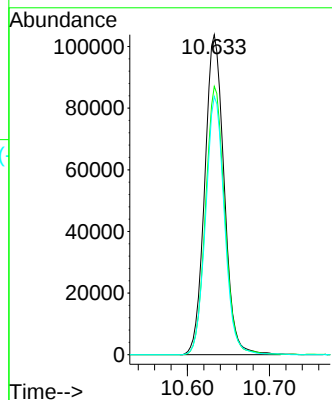
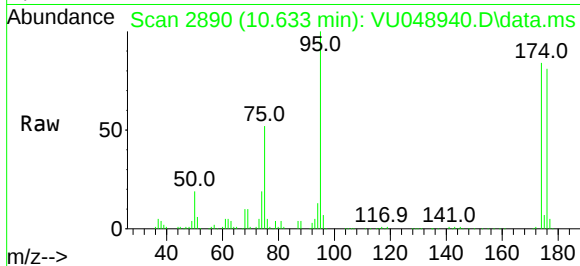




#62
4-Bromofluorobenzene
Concen: 43.860 ug/l
RT: 10.633 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048940.D
Acq: 08 Jun 2022 03:48

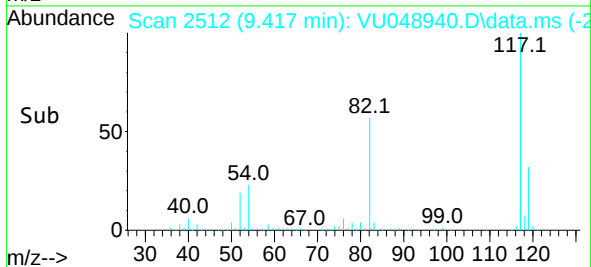
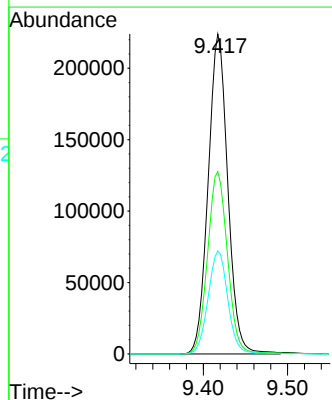
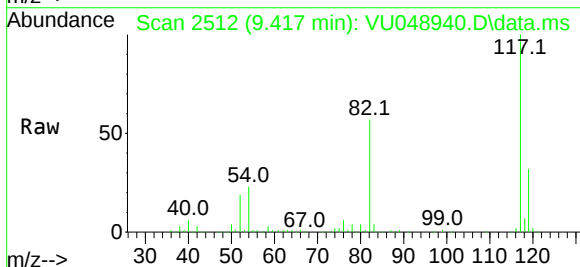
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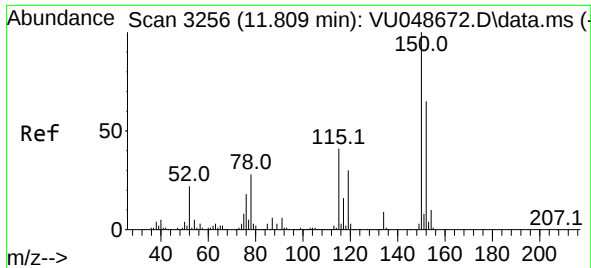
Tgt Ion: 95 Resp: 169994
Ion Ratio Lower Upper
95 100
174 82.9 0.0 159.4
176 78.5 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048940.D
Acq: 08 Jun 2022 03:48

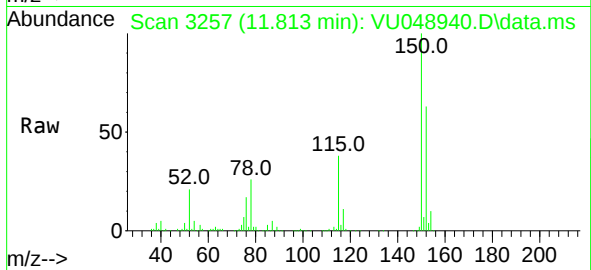
Tgt Ion: 117 Resp: 362664
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.813 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: VU048940.D
 Acq: 08 Jun 2022 03:48

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP05-20220531



Tgt Ion:152 Resp: 168332
 Ion Ratio Lower Upper
 152 100
 115 59.0 41.8 125.4
 150 156.5 0.0 341.0

