

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048913.D
 Acq On : 07 Jun 2022 16:36
 Operator : SY/MD
 Sample : N3165-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 09BR-20220601

Quant Time: Jun 08 04:53:52 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)

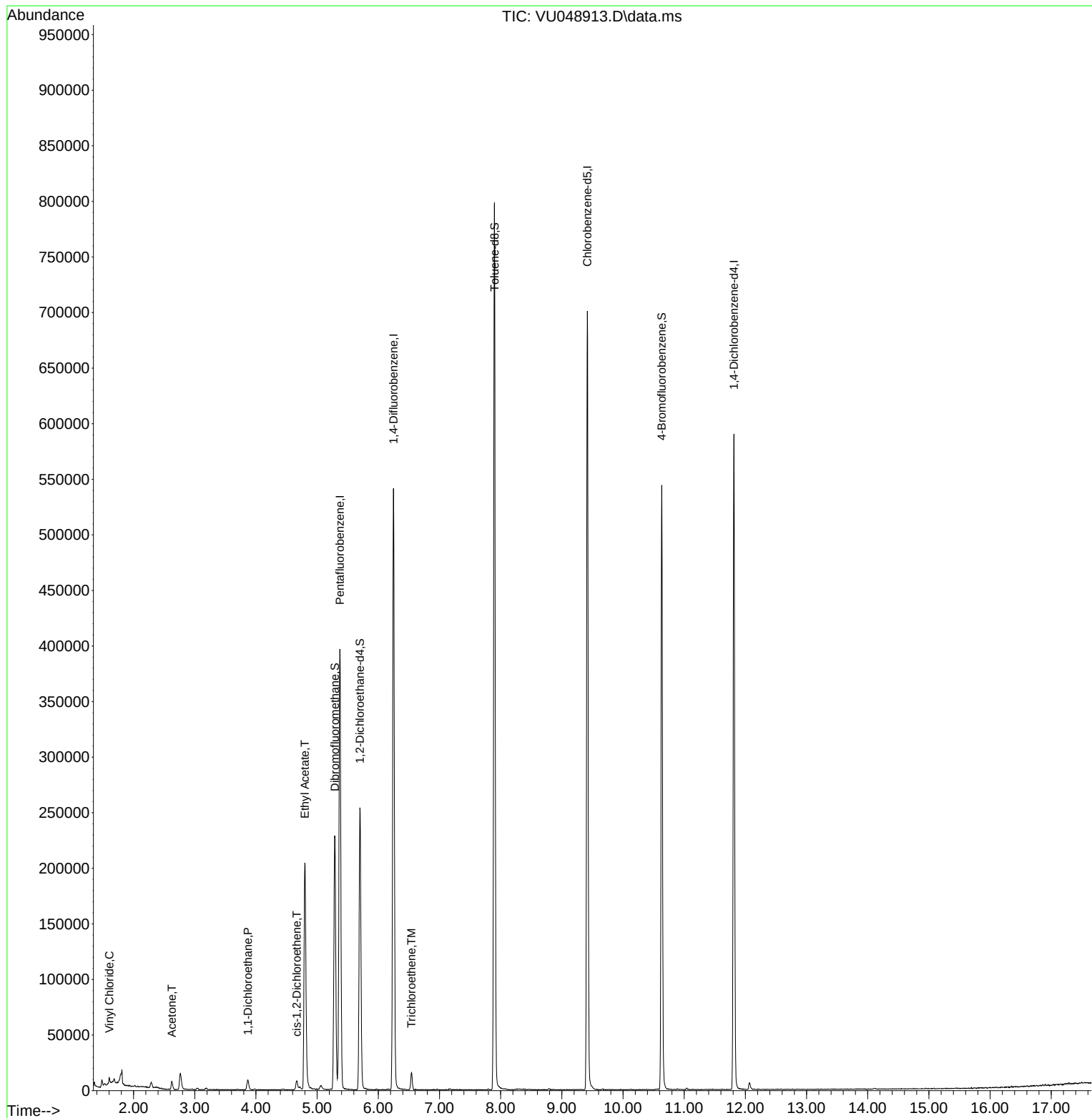
Internal Standards						
1) Pentafluorobenzene	5.372	168	265306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	433747	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	388624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	159515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	197909	49.671	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.340%
35) Dibromofluoromethane	5.289	113	148402	47.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	7.899	98	528095	47.608	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.220%
62) 4-Bromofluorobenzene	10.632	95	179126	42.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.400%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.604	62	2500	0.690	ug/l	94
16) Acetone	2.626	43	8228	4.052	ug/l	92
24) 1,1-Dichloroethane	3.867	63	10394	1.715	ug/l	95
27) cis-1,2-Dichloroethene	4.668	96	4683	1.310	ug/l	84
37) Ethyl Acetate	4.800	43	266946	46.755	ug/l	99
44) Trichloroethene	6.543	130	4917	1.431	ug/l	94

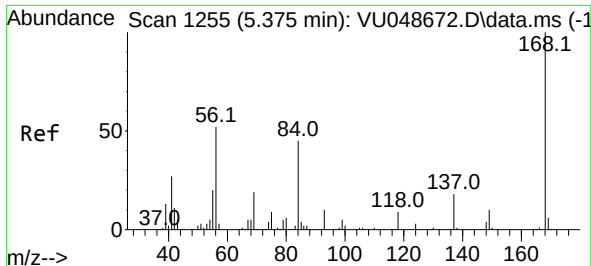
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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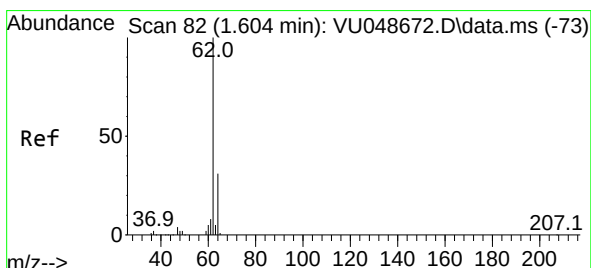
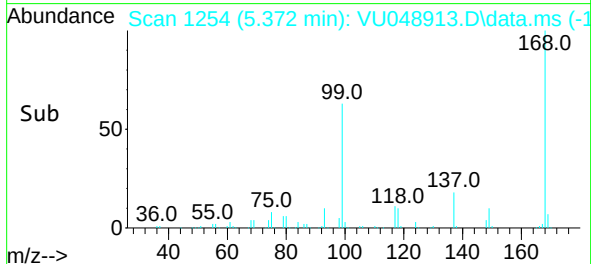
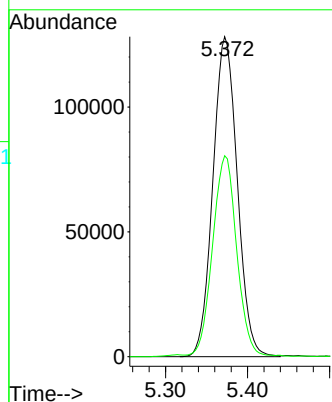
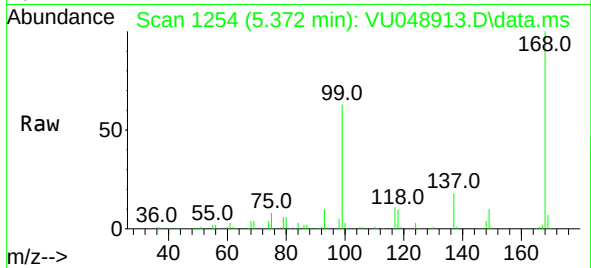




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048913.D
Acq: 07 Jun 2022 16:36

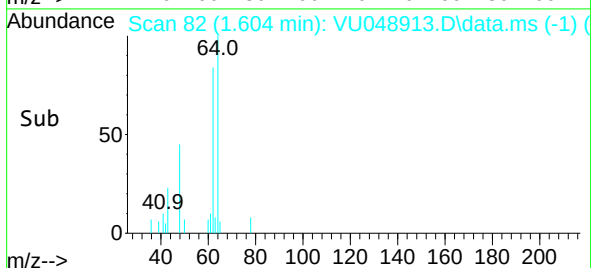
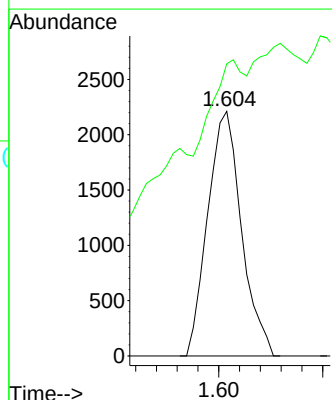
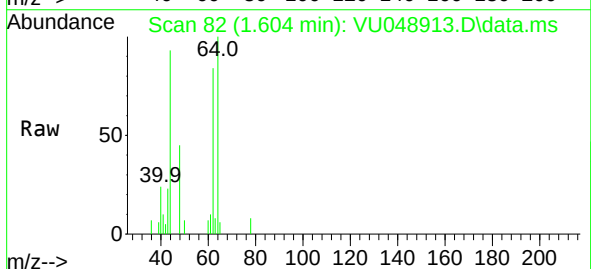
Instrument :
MSVOA_U
ClientSampleId :
09BR-20220601

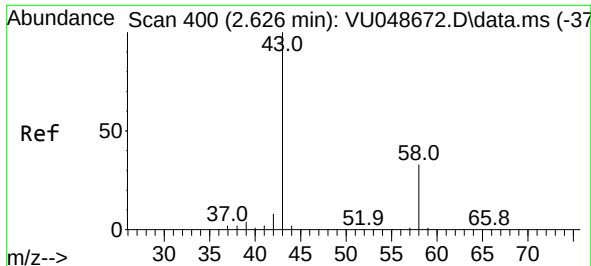
Tgt Ion:168 Resp: 265306
Ion Ratio Lower Upper
168 100
99 62.4 49.3 73.9



#4
Vinyl Chloride
Concen: 0.690 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048913.D
Acq: 07 Jun 2022 16:36

Tgt Ion: 62 Resp: 2500
Ion Ratio Lower Upper
62 100
64 34.6 25.2 37.8





#16

Acetone

Concen: 4.052 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU048913.D

Acq: 07 Jun 2022 16:36

Instrument :

MSVOA_U

ClientSampleId :

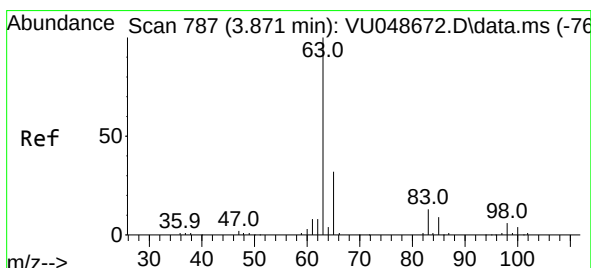
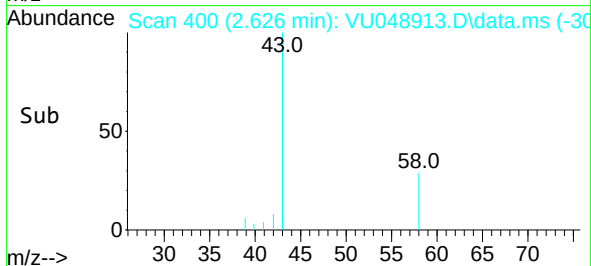
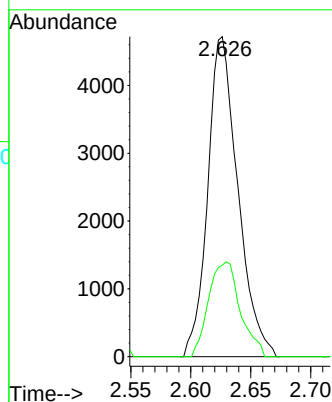
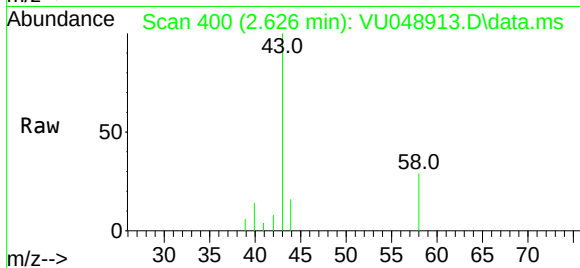
09BR-20220601

Tgt Ion: 43 Resp: 8228

Ion Ratio Lower Upper

43 100

58 28.6 26.3 39.5



#24

1,1-Dichloroethane

Concen: 1.715 ug/l

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU048913.D

Acq: 07 Jun 2022 16:36

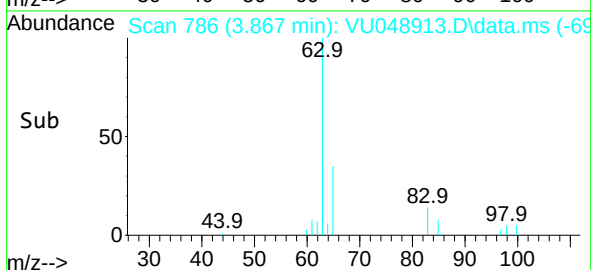
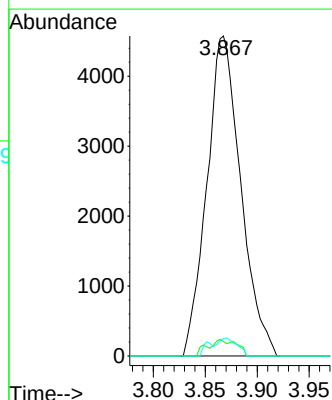
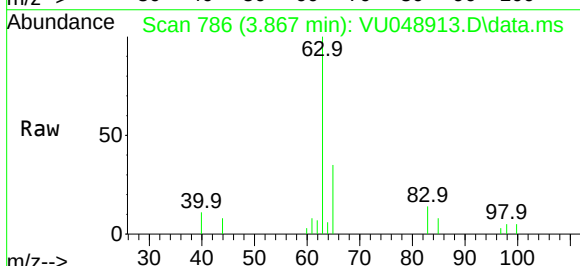
Tgt Ion: 63 Resp: 10394

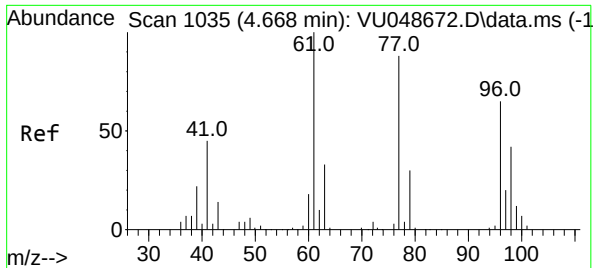
Ion Ratio Lower Upper

63 100

98 4.5 3.1 9.3

100 5.5 2.0 5.8

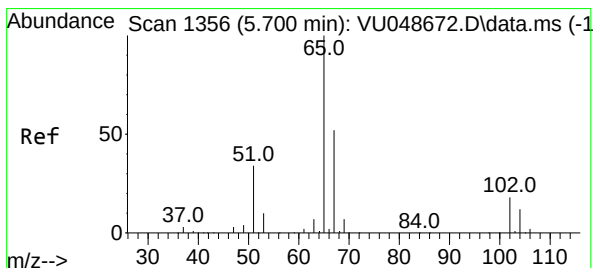
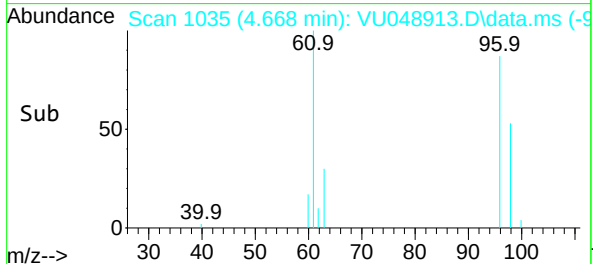
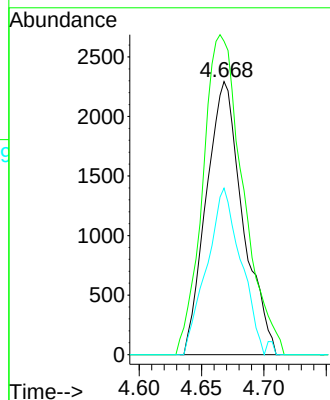
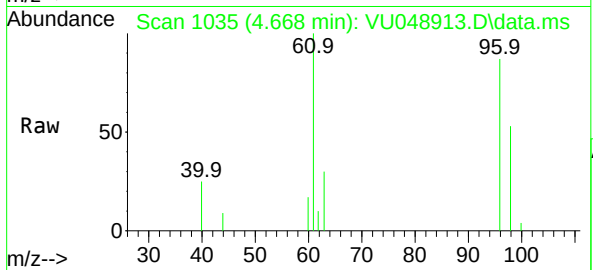




#27
 cis-1,2-Dichloroethene
 Concen: 1.310 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU048913.D
 Acq: 07 Jun 2022 16:36

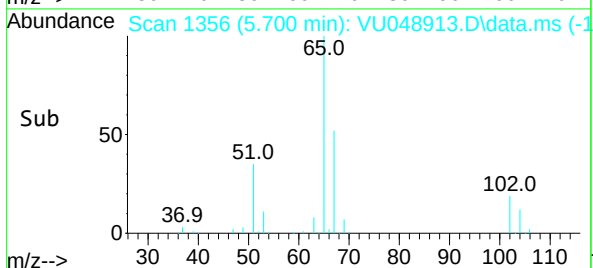
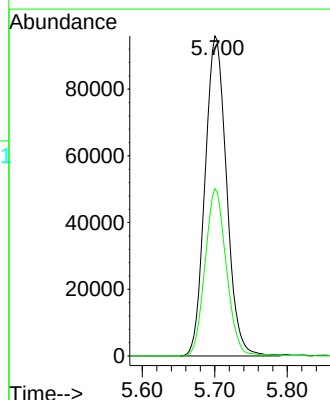
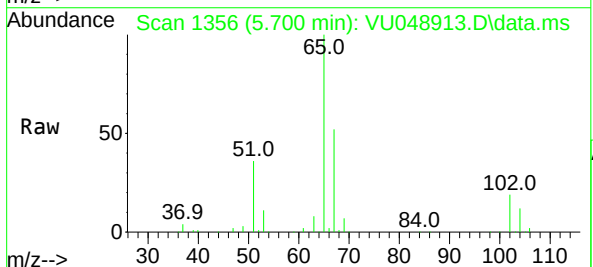
Instrument :
 MSVOA_U
 ClientSampleId :
 09BR-20220601

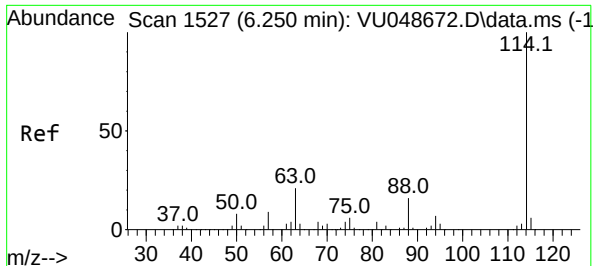
Tgt Ion: 96 Resp: 4683
 Ion Ratio Lower Upper
 96 100
 61 128.9 0.0 306.2
 98 56.7 0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 49.671 ug/l
 RT: 5.700 min Scan# 1356
 Delta R.T. 0.000 min
 Lab File: VU048913.D
 Acq: 07 Jun 2022 16:36

Tgt Ion: 65 Resp: 197909
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VU048913.D

Acq: 07 Jun 2022 16:36

Instrument :

MSVOA_U

ClientSampleId :

09BR-20220601

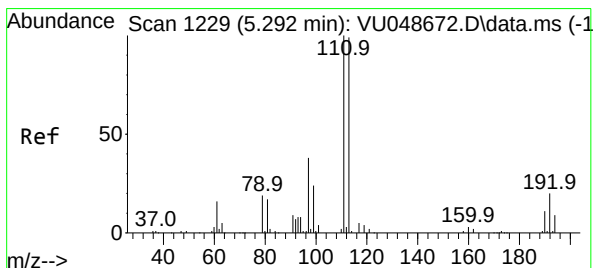
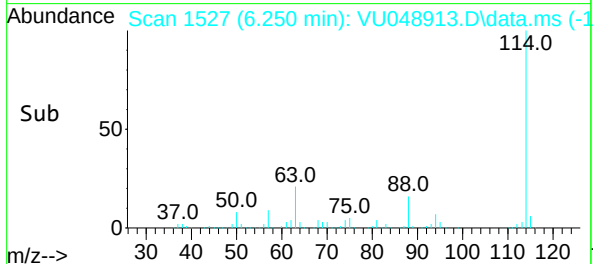
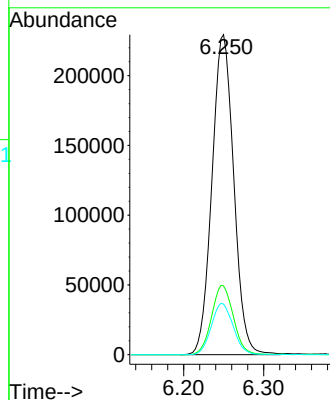
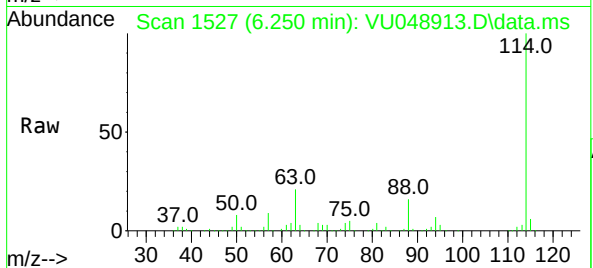
Tgt Ion:114 Resp: 433747

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 15.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.957 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048913.D

Acq: 07 Jun 2022 16:36

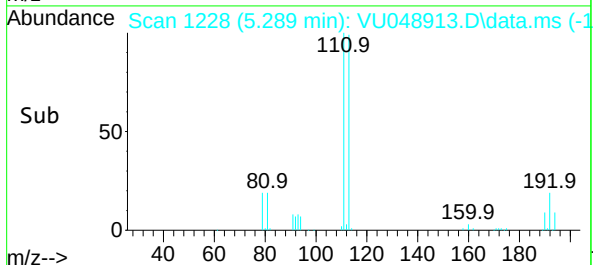
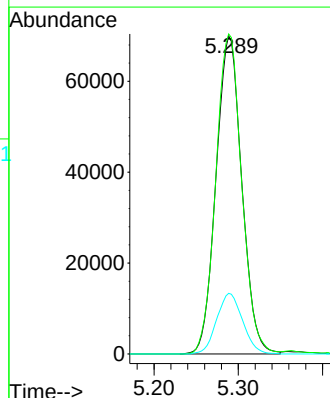
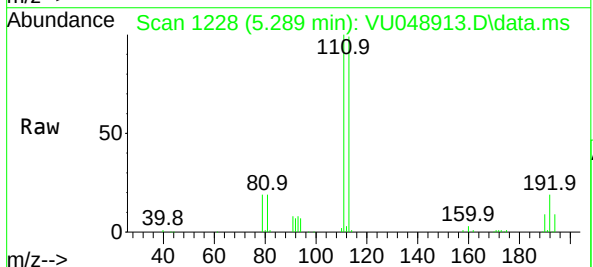
Tgt Ion:113 Resp: 148402

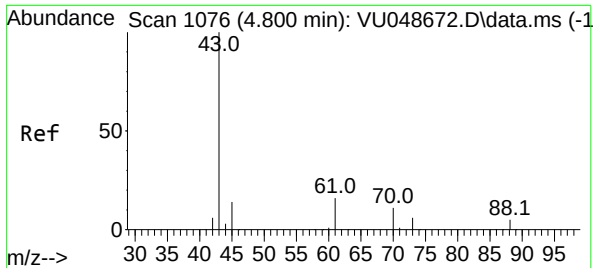
Ion Ratio Lower Upper

113 100

111 101.0 80.7 121.1

192 19.2 15.9 23.9

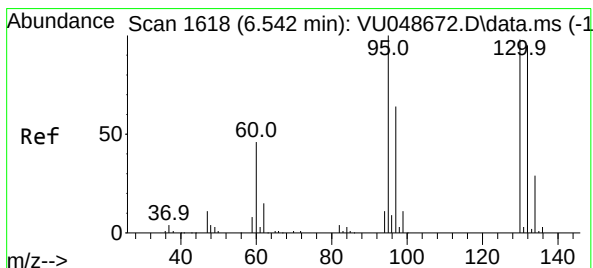
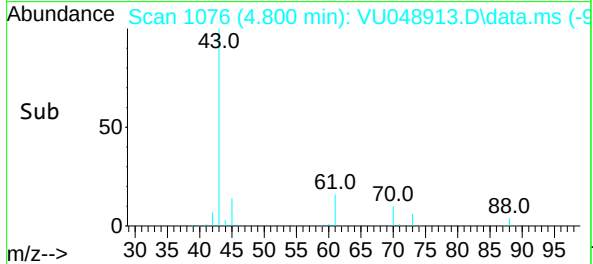
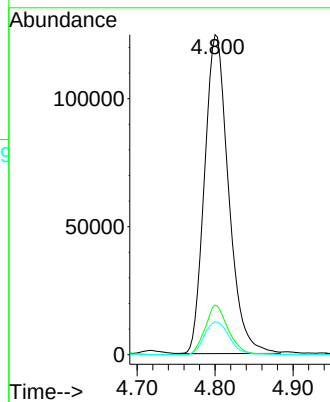
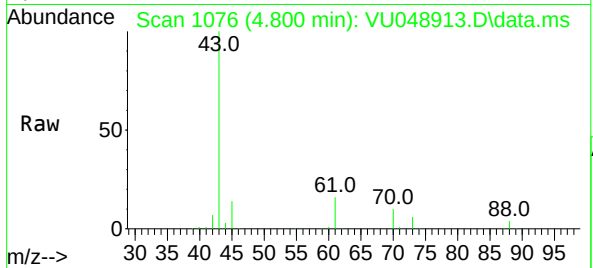




#37
Ethyl Acetate
Concen: 46.755 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VU048913.D
Acq: 07 Jun 2022 16:36

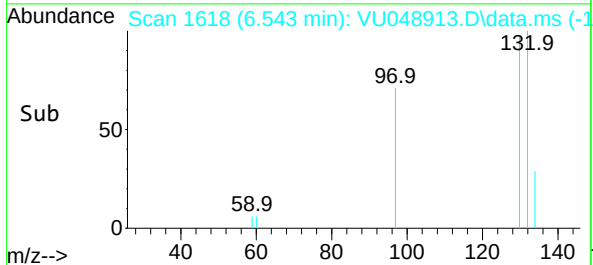
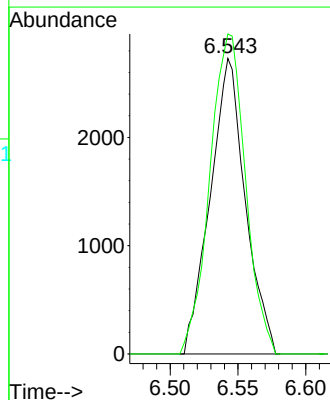
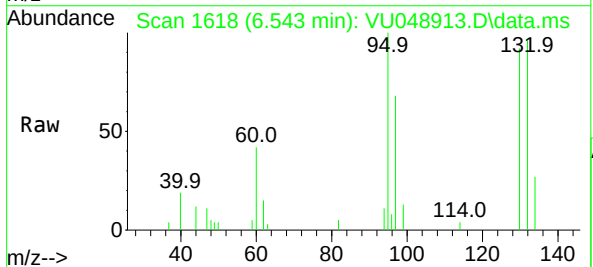
Instrument :
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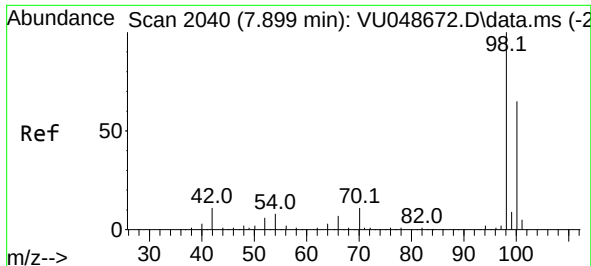
Tgt Ion: 43 Resp: 266946
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 10.6 8.4 12.6



#44
Trichloroethene
Concen: 1.431 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048913.D
Acq: 07 Jun 2022 16:36

Tgt Ion:130 Resp: 4917
Ion Ratio Lower Upper
130 100
95 108.3 0.0 204.8

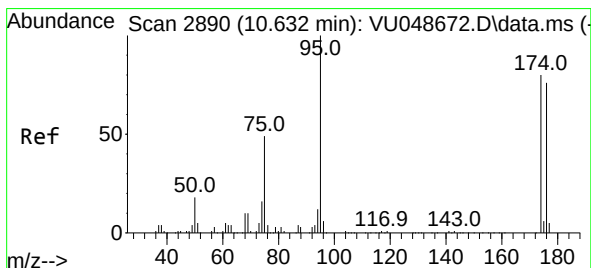
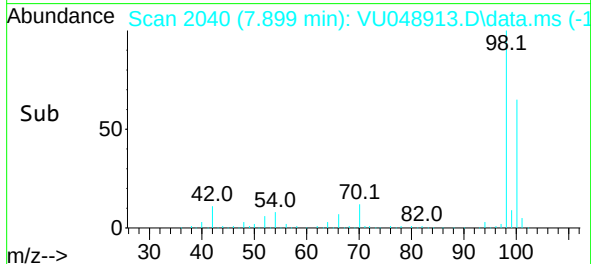
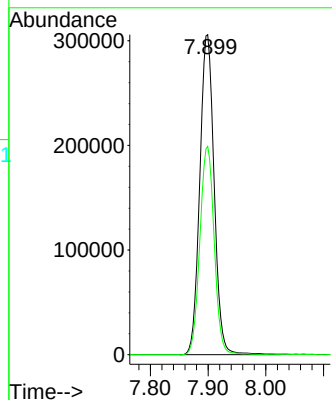
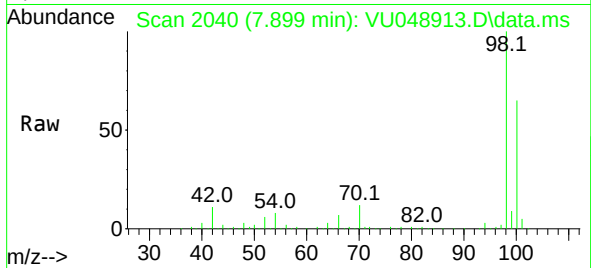




#50
Toluene-d8
Concen: 47.608 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048913.D
Acq: 07 Jun 2022 16:36

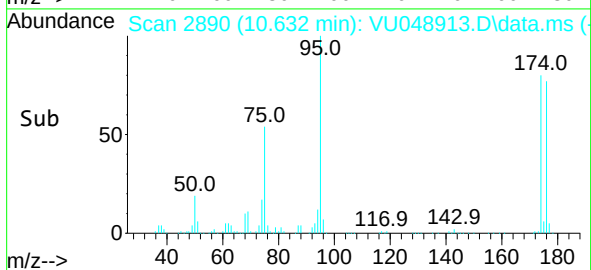
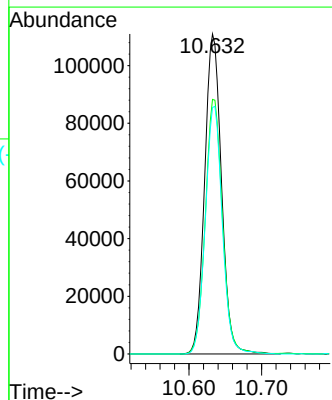
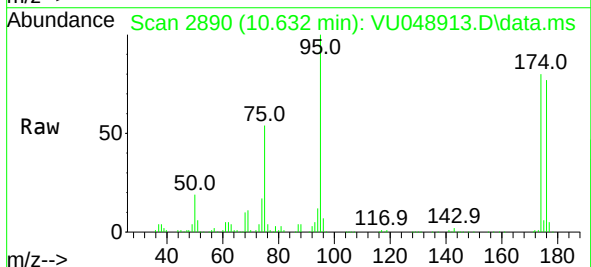
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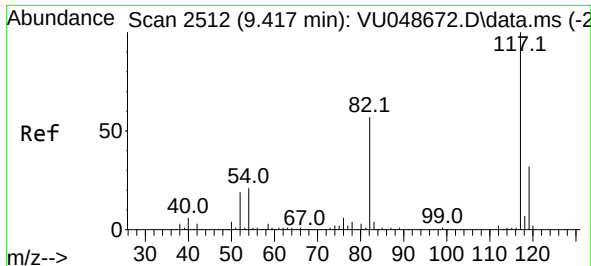
Tgt Ion: 98 Resp: 528095
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.699 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048913.D
Acq: 07 Jun 2022 16:36

Tgt Ion: 95 Resp: 179126
Ion Ratio Lower Upper
95 100
174 81.2 0.0 159.4
176 78.1 0.0 152.4

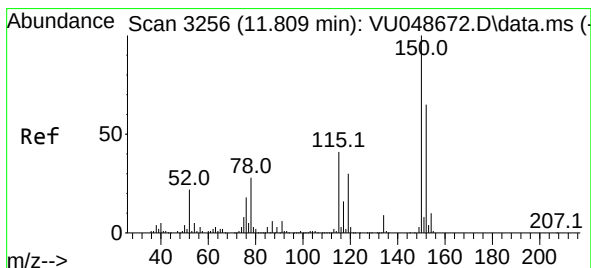
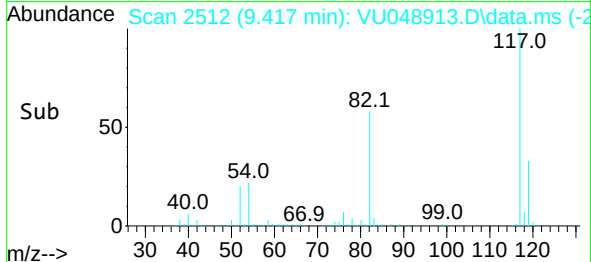
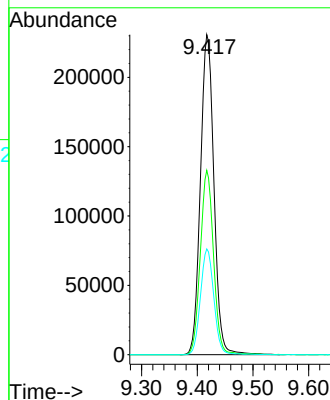
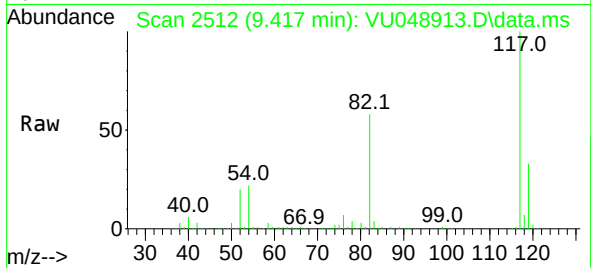




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048913.D
Acq: 07 Jun 2022 16:36

Instrument :
MSVOA_U
ClientSampleId :
09BR-20220601

Tgt Ion:117 Resp: 388624
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048913.D
Acq: 07 Jun 2022 16:36

Tgt Ion:152 Resp: 159515
Ion Ratio Lower Upper
152 100
115 60.8 41.8 125.4
150 157.7 0.0 341.0

