

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048930.D
 Acq On : 07 Jun 2022 23:52
 Operator : SY/MD
 Sample : N3164-15DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 38BR-20220531DL

Quant Time: Jun 08 09:13:21 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)

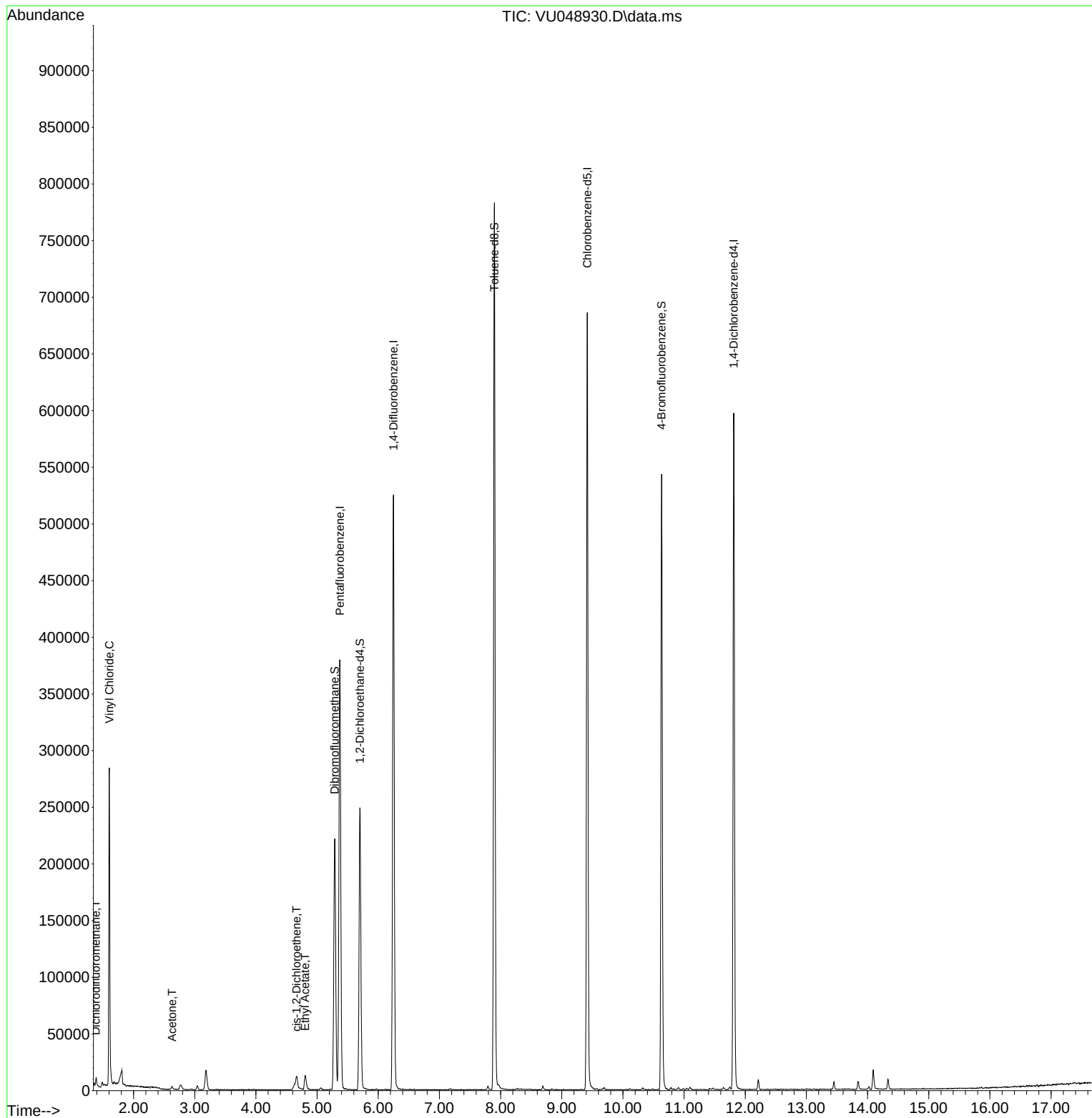
Internal Standards						
1) Pentafluorobenzene	5.372	168	253066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	415895	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	382816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	163274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	192360	50.614	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.220%
35) Dibromofluoromethane	5.288	113	144794	48.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	7.899	98	508121	47.774	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.540%
62) 4-Bromofluorobenzene	10.632	95	179054	44.514	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	1338	0.462	ug/l	84
4) Vinyl Chloride	1.604	62	190417	55.127	ug/l	98
16) Acetone	2.629	43	3173	1.638	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	5701	1.672	ug/l	89
37) Ethyl Acetate	4.806	43	16396	2.995	ug/l	96

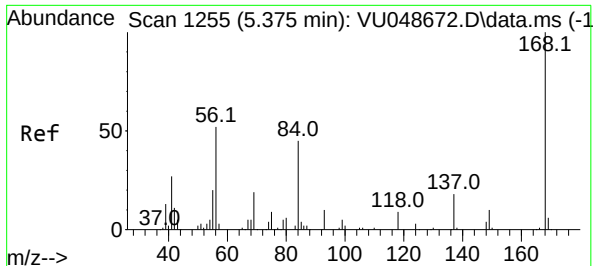
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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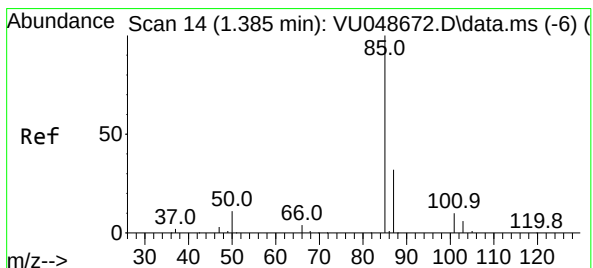
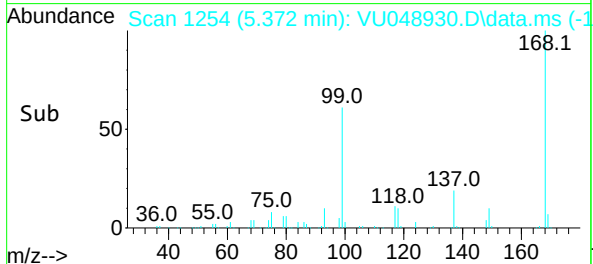
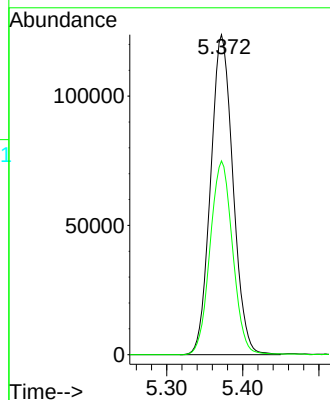
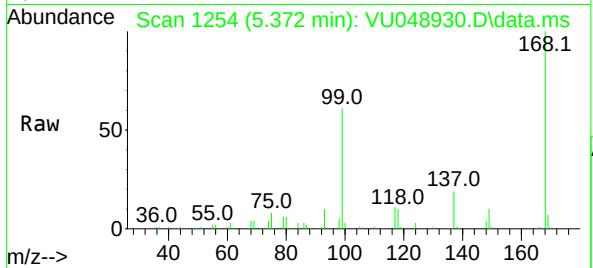




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048930.D
Acq: 07 Jun 2022 23:52

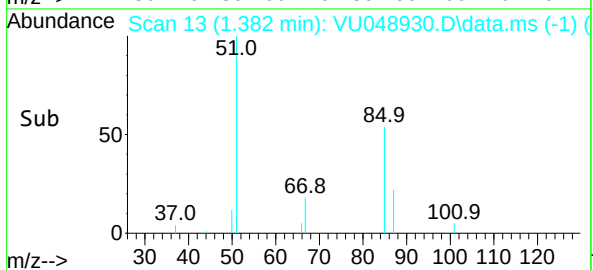
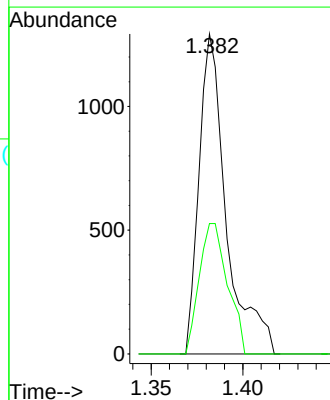
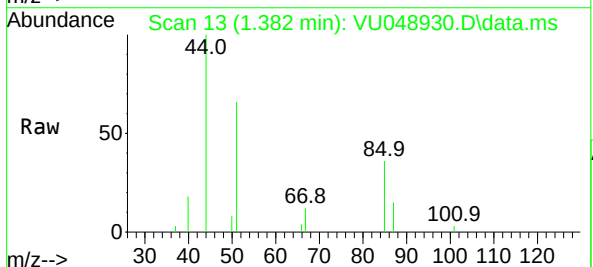
Instrument :
MSVOA_U
ClientSampleId :
38BR-20220531DL

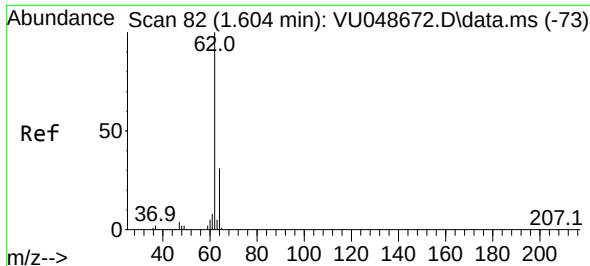
Tgt Ion:168 Resp: 253066
Ion Ratio Lower Upper
168 100
99 60.5 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 0.462 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048930.D
Acq: 07 Jun 2022 23:52

Tgt Ion: 85 Resp: 1338
Ion Ratio Lower Upper
85 100
87 40.8 16.0 48.0

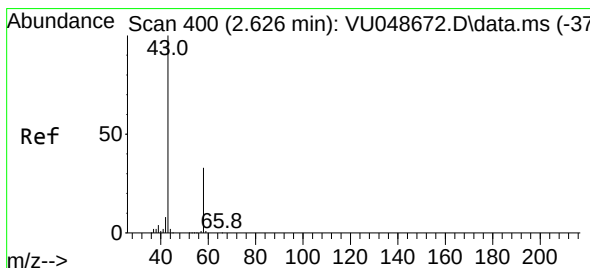
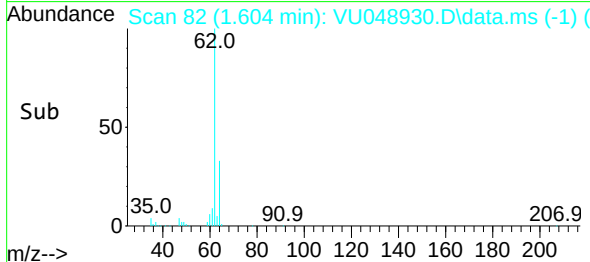
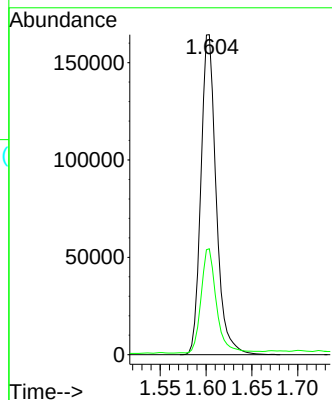
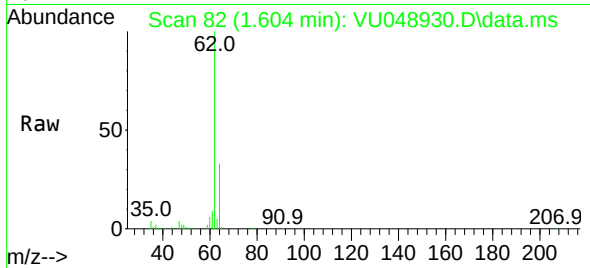




#4
 Vinyl Chloride
 Concen: 55.127 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048930.D
 Acq: 07 Jun 2022 23:52

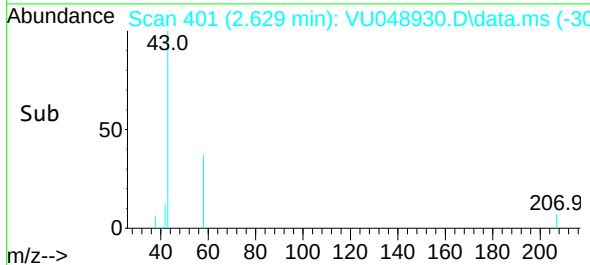
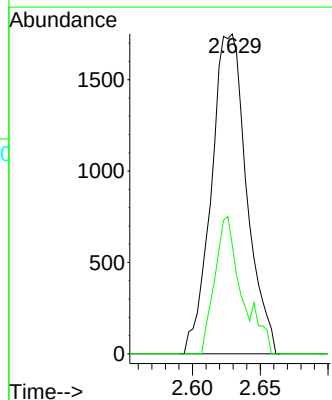
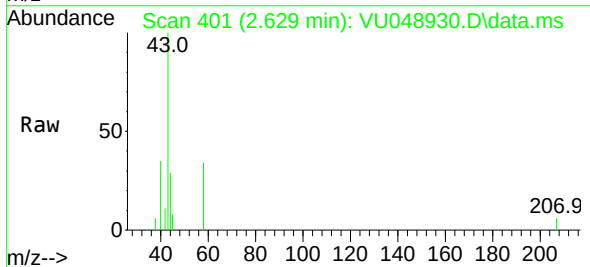
Instrument :
 MSVOA_U
 ClientSampleId :
 38BR-20220531DL

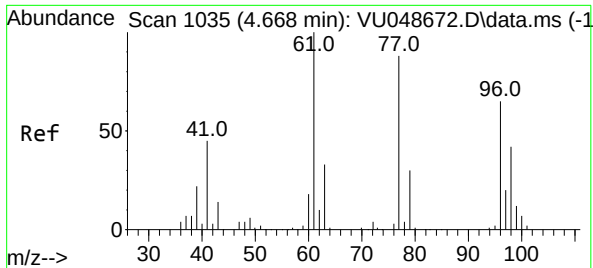
Tgt Ion: 62 Resp: 190417
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.2 37.8



#16
 Acetone
 Concen: 1.638 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU048930.D
 Acq: 07 Jun 2022 23:52

Tgt Ion: 43 Resp: 3173
 Ion Ratio Lower Upper
 43 100
 58 34.2 26.3 39.5

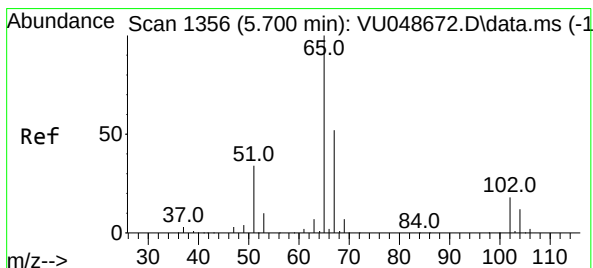
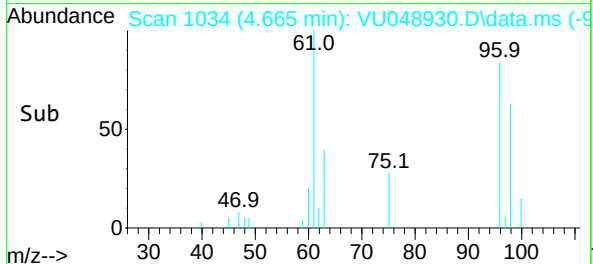
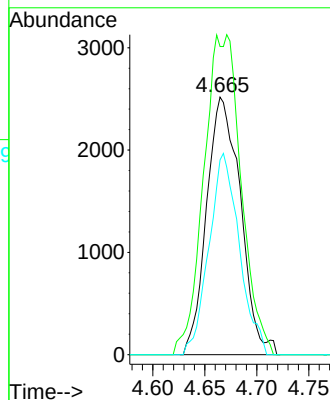
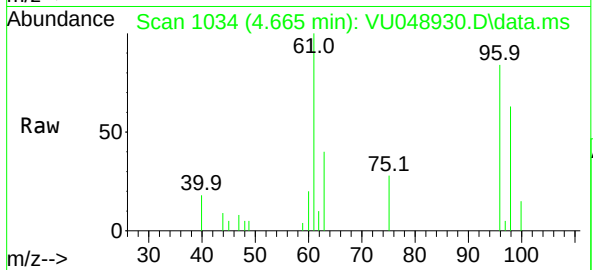




#27
 cis-1,2-Dichloroethene
 Concen: 1.672 ug/l
 RT: 4.665 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU048930.D
 Acq: 07 Jun 2022 23:52

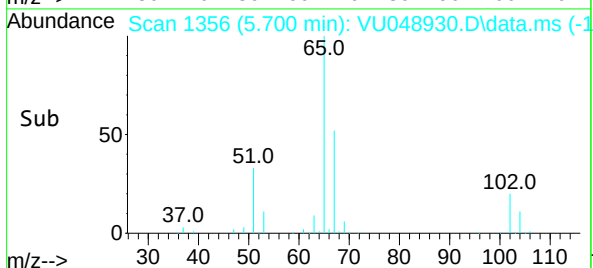
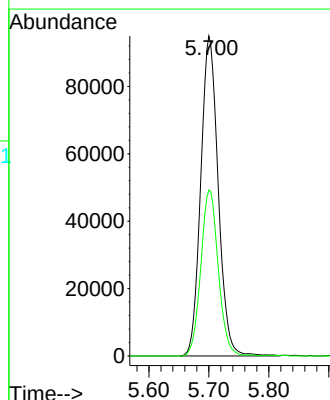
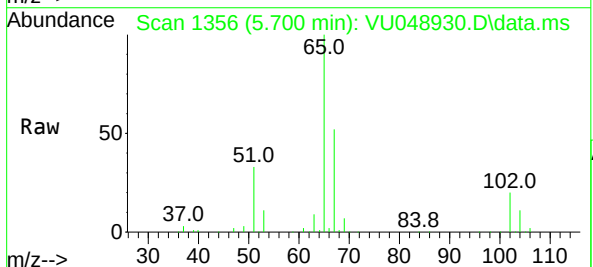
Instrument :
 MSVOA_U
 ClientSampleId :
 38BR-20220531DL

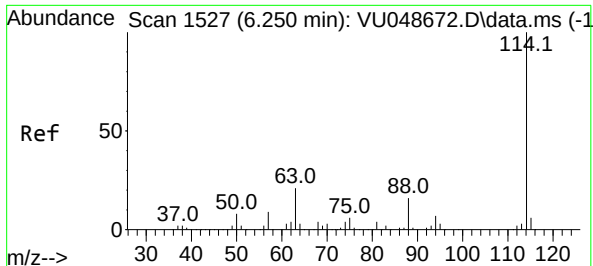
Tgt Ion: 96 Resp: 5701
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 306.2
 98 70.1 0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 50.614 ug/l
 RT: 5.700 min Scan# 1356
 Delta R.T. -0.000 min
 Lab File: VU048930.D
 Acq: 07 Jun 2022 23:52

Tgt Ion: 65 Resp: 192360
 Ion Ratio Lower Upper
 65 100
 67 51.8 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: VU048930.D

Acq: 07 Jun 2022 23:52

Instrument :

MSVOA_U

ClientSampleId :

38BR-20220531DL

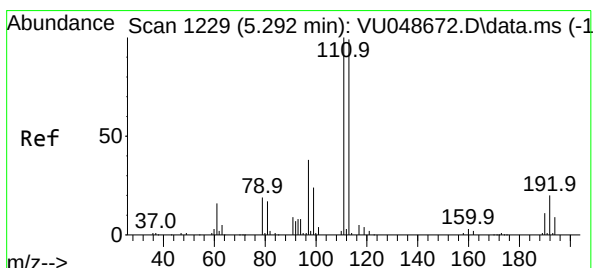
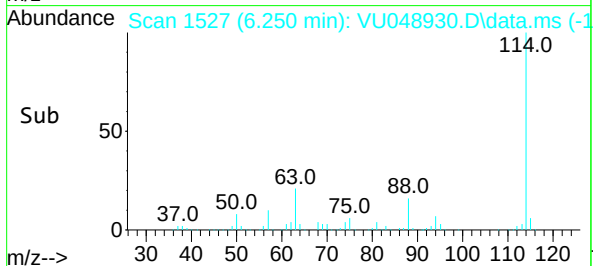
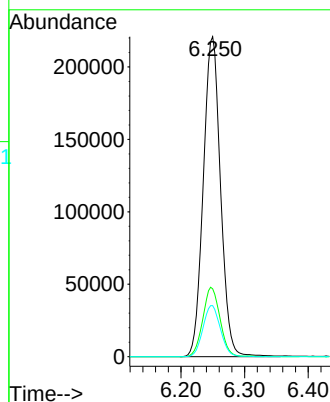
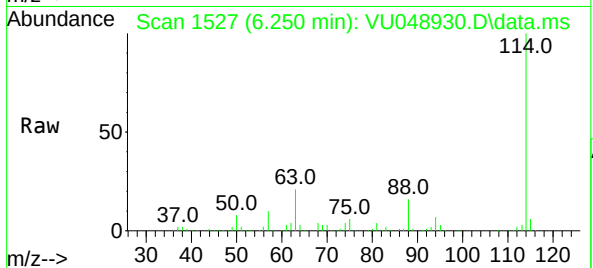
Tgt Ion:114 Resp: 415895

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.800 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048930.D

Acq: 07 Jun 2022 23:52

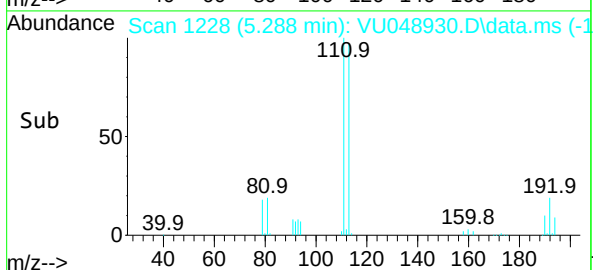
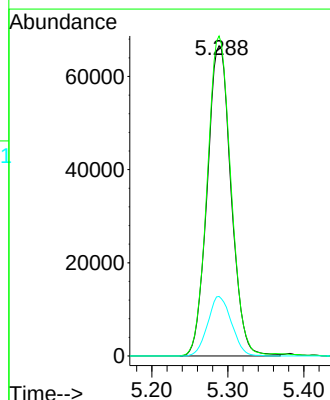
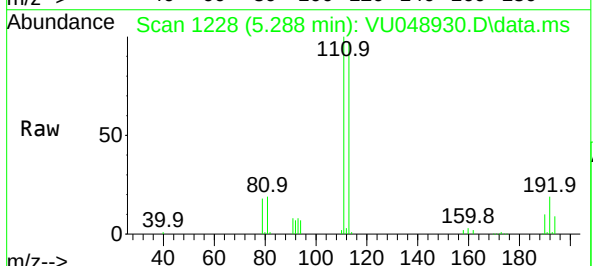
Tgt Ion:113 Resp: 144794

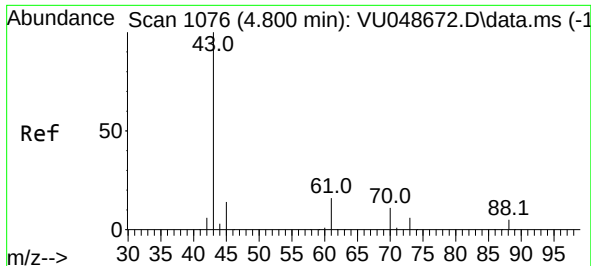
Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

192 19.1 15.9 23.9





#37

Ethyl Acetate

Concen: 2.995 ug/l

RT: 4.806 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VU048930.D

Acq: 07 Jun 2022 23:52

Instrument :

MSVOA_U

ClientSampleId :

38BR-20220531DL

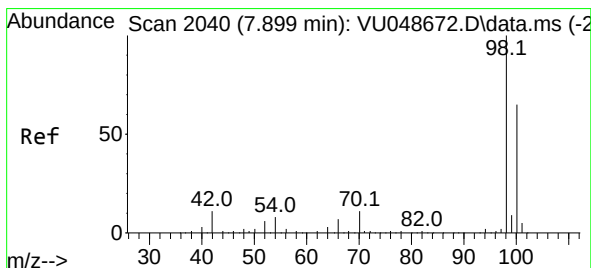
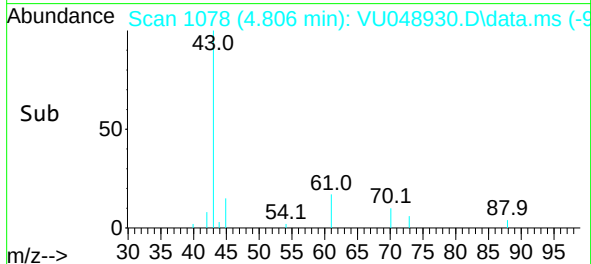
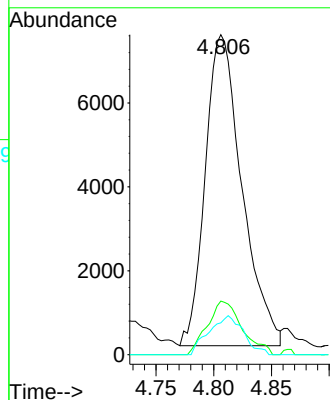
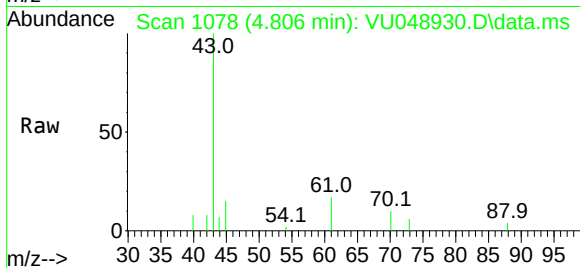
Tgt Ion: 43 Resp: 16396

Ion Ratio Lower Upper

43 100

61 16.3 11.7 17.5

70 11.8 8.4 12.6



#50

Toluene-d8

Concen: 47.774 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048930.D

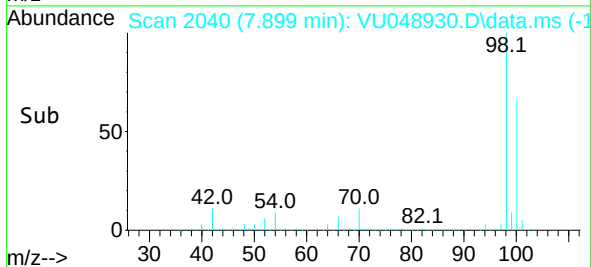
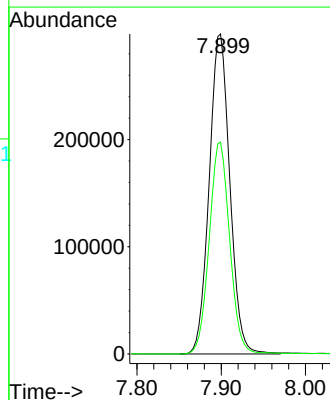
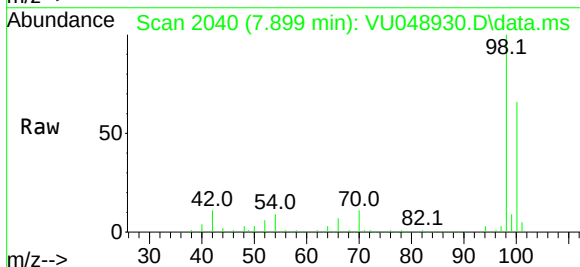
Acq: 07 Jun 2022 23:52

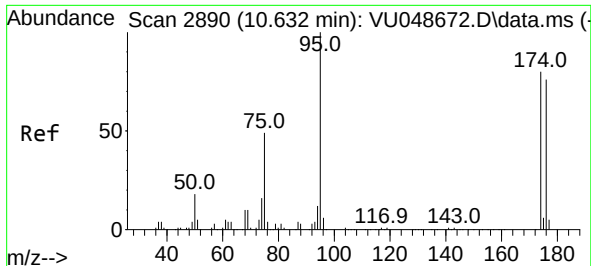
Tgt Ion: 98 Resp: 508121

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4

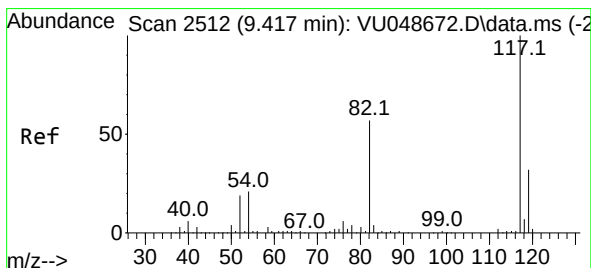
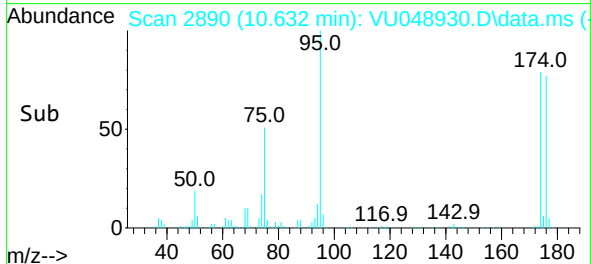
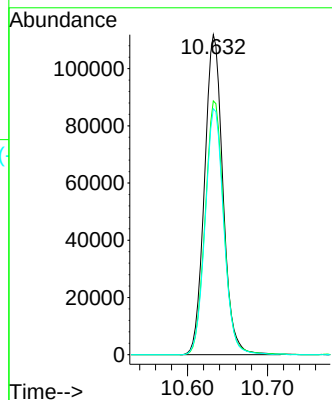
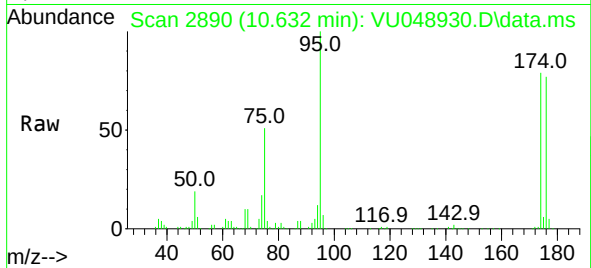




#62
4-Bromofluorobenzene
Concen: 44.514 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048930.D
Acq: 07 Jun 2022 23:52

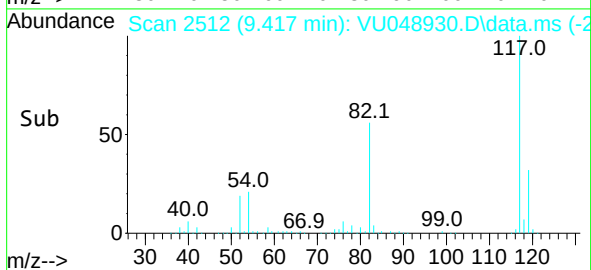
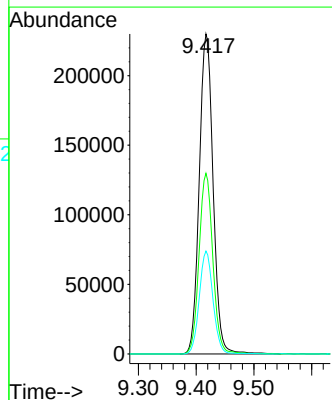
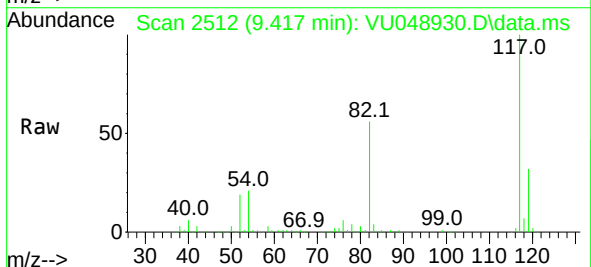
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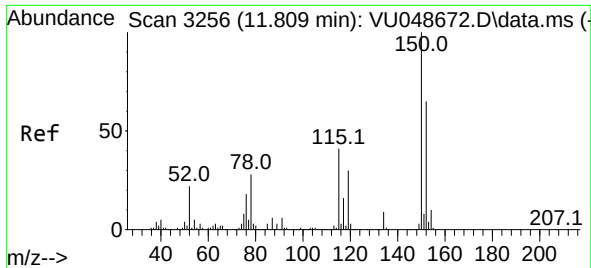
Tgt Ion: 95 Resp: 179054
Ion Ratio Lower Upper
95 100
174 80.9 0.0 159.4
176 77.9 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048930.D
Acq: 07 Jun 2022 23:52

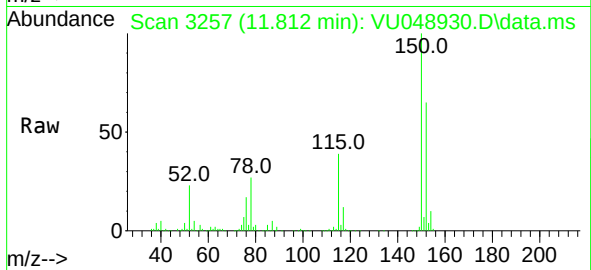
Tgt Ion: 117 Resp: 382816
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048930.D
 Acq: 07 Jun 2022 23:52

Instrument :
 MSVOA_U
 ClientSampleId :
 38BR-20220531DL



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.8	125.4
150	153.7	0.0	341.0

