

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048939.D
 Acq On : 08 Jun 2022 03:24
 Operator : SY/MD
 Sample : N3166-01 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 46BR-20220601

Quant Time: Jun 08 09:16:18 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)

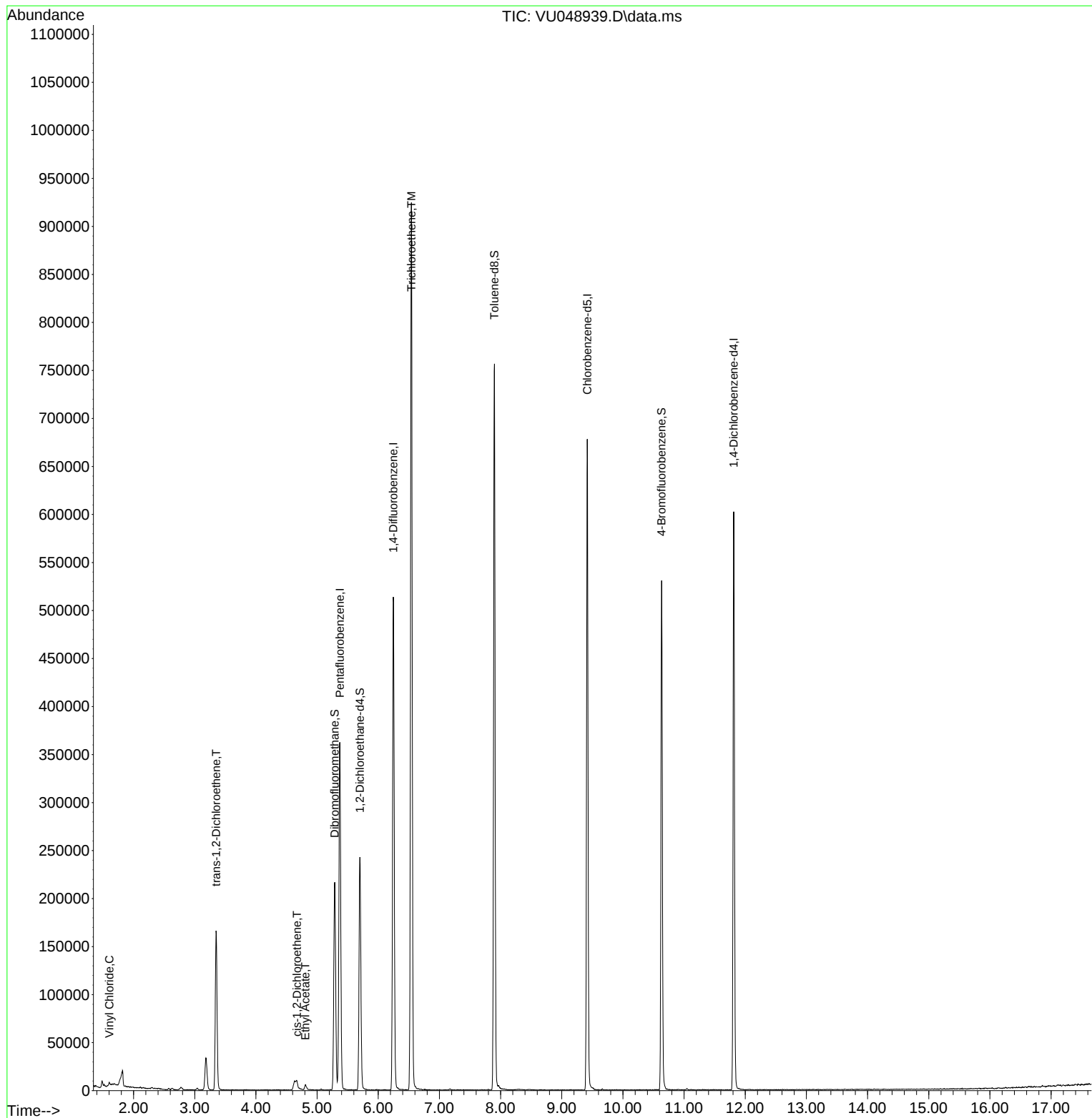
Internal Standards						
1) Pentafluorobenzene	5.372	168	240810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	408230	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	372099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	159280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	190106	52.566	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.140%
35) Dibromofluoromethane	5.288	113	140398	48.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.420%
50) Toluene-d8	7.899	98	489985	46.934	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.860%
62) 4-Bromofluorobenzene	10.632	95	175690	44.498	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.000%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.604	62	2477	0.754	ug/l	89
21) trans-1,2-Dichloroethene	3.350	96	68153	24.309	ug/l	93
27) cis-1,2-Dichloroethene	4.671	96	4409	1.359	ug/l	72
37) Ethyl Acetate	4.809	43	7538	1.403	ug/l #	94
44) Trichloroethene	6.542	130	308195	95.327	ug/l	99

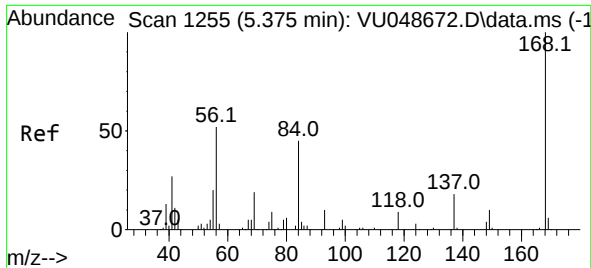
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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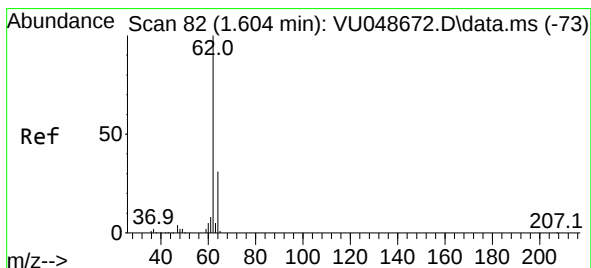
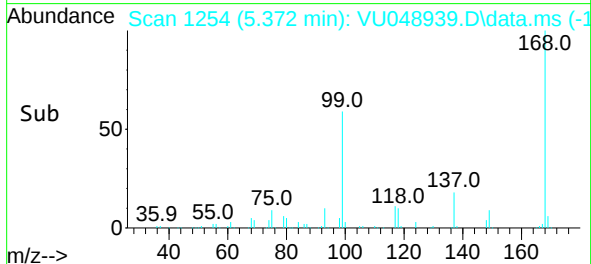
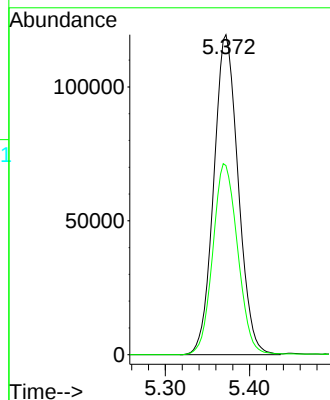
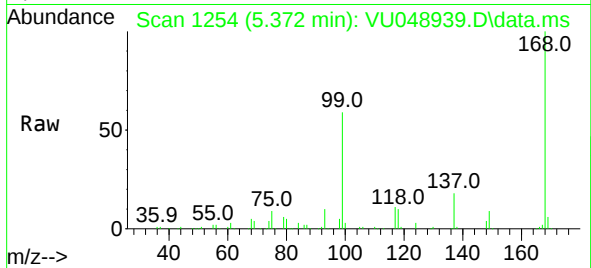




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

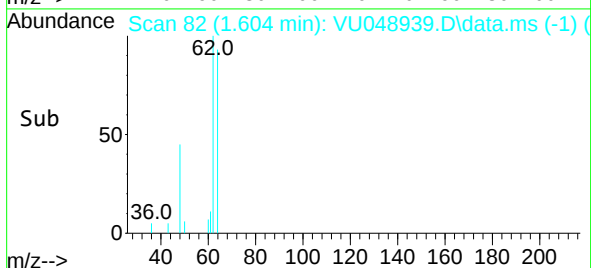
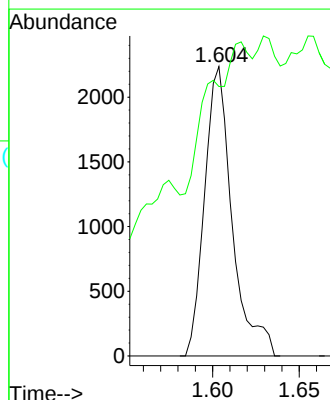
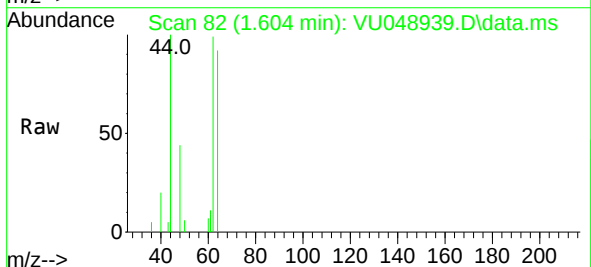
Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601

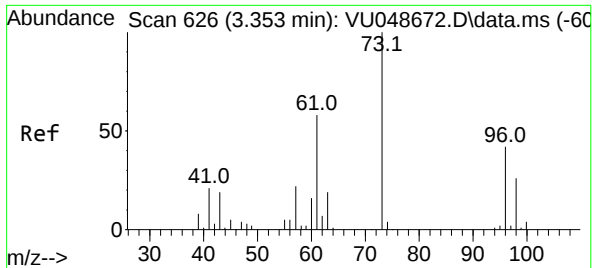
Tgt Ion:168 Resp: 240810
Ion Ratio Lower Upper
168 100
99 59.1 49.3 73.9



#4
Vinyl Chloride
Concen: 0.754 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

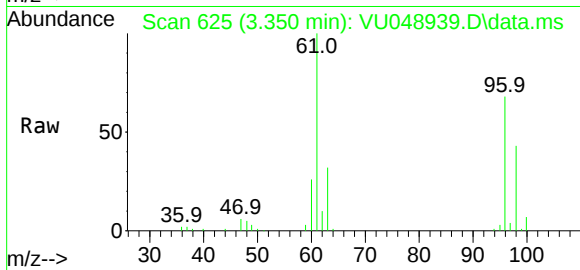
Tgt Ion: 62 Resp: 2477
Ion Ratio Lower Upper
62 100
64 37.5 25.2 37.8



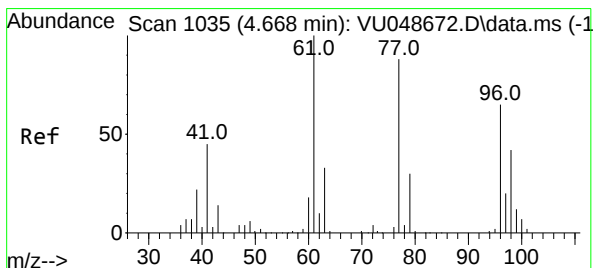
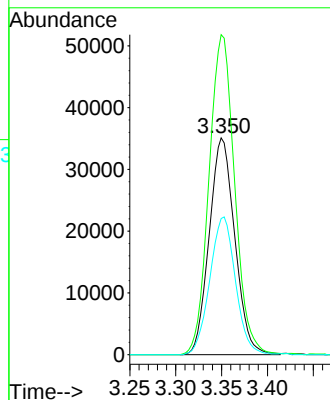
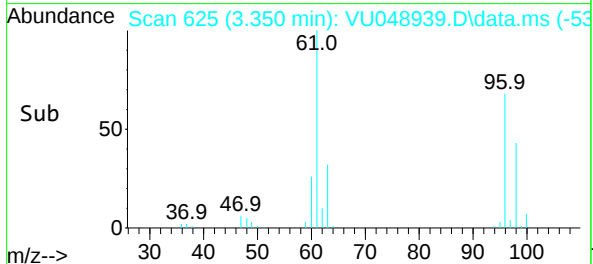


#21
trans-1,2-Dichloroethene
Concen: 24.309 ug/l
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

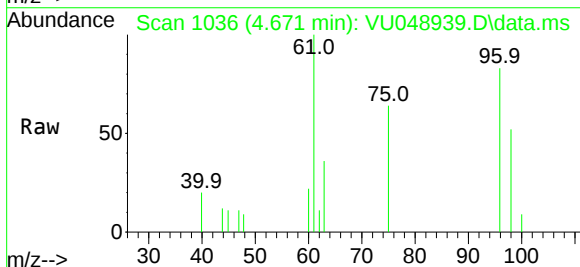
Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601



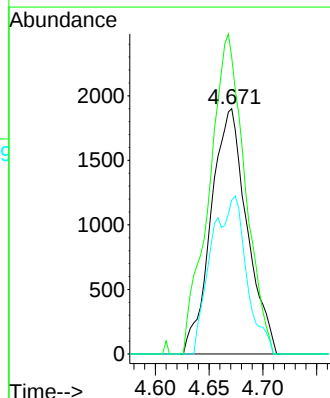
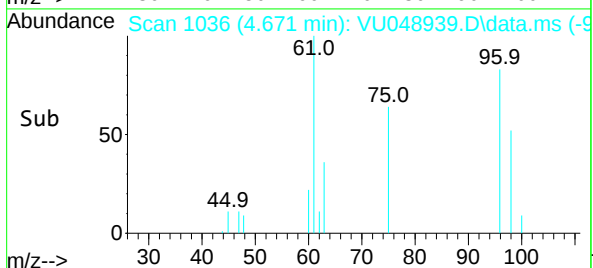
Tgt Ion: 96 Resp: 68153
Ion Ratio Lower Upper
96 100
61 147.6 109.4 164.2
98 62.8 48.9 73.3

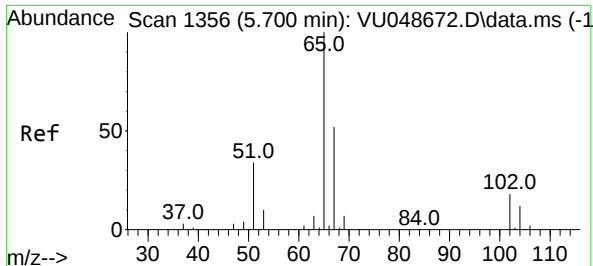


#27
cis-1,2-Dichloroethene
Concen: 1.359 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24



Tgt Ion: 96 Resp: 4409
Ion Ratio Lower Upper
96 100
61 130.1 0.0 306.2
98 24.4 0.0 130.4





#33

1,2-Dichloroethane-d4

Concen: 52.566 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048939.D

Acq: 08 Jun 2022 03:24

Instrument :

MSVOA_U

ClientSampleId :

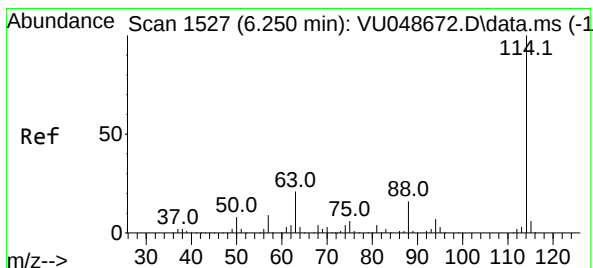
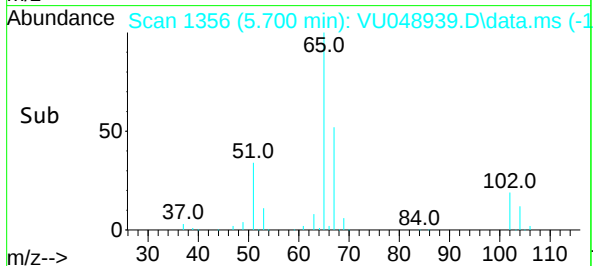
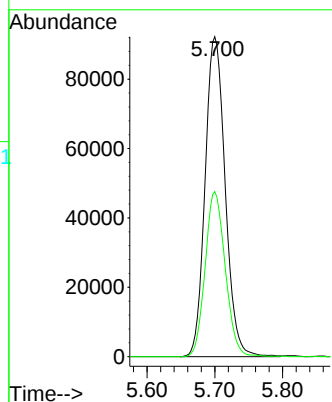
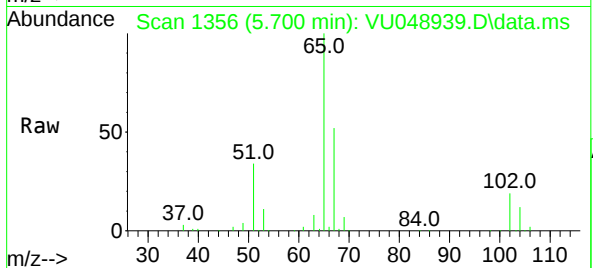
46BR-20220601

Tgt Ion: 65 Resp: 190106

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048939.D

Acq: 08 Jun 2022 03:24

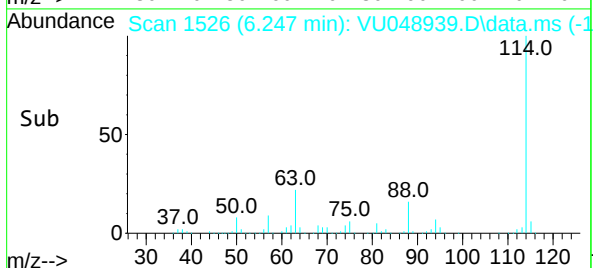
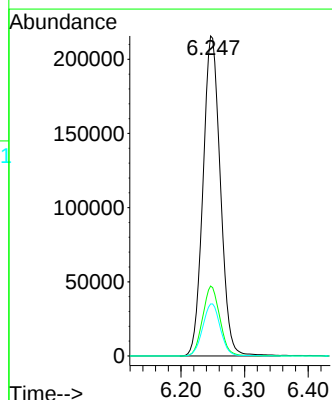
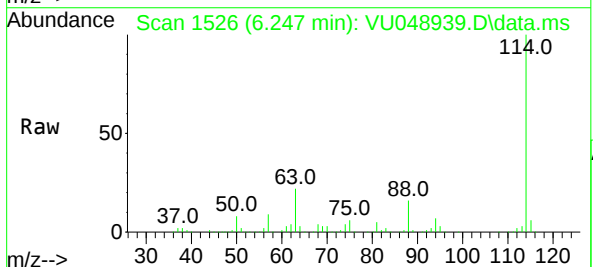
Tgt Ion: 114 Resp: 408230

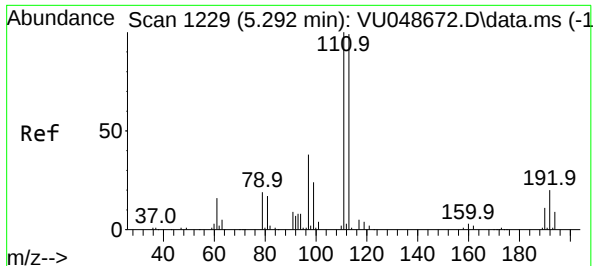
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.207 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048939.D

Acq: 08 Jun 2022 03:24

Instrument :

MSVOA_U

ClientSampleId :

46BR-20220601

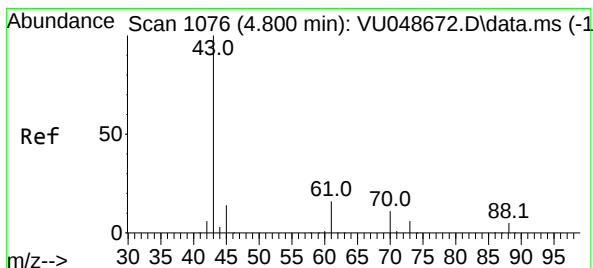
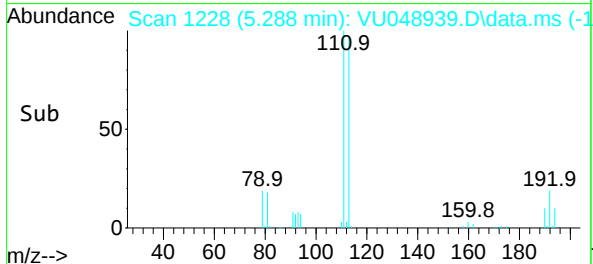
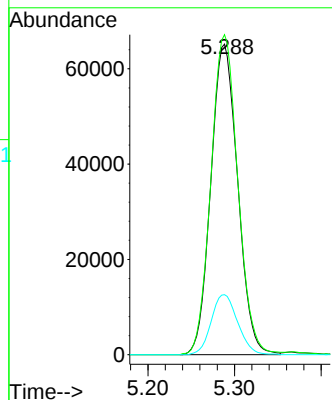
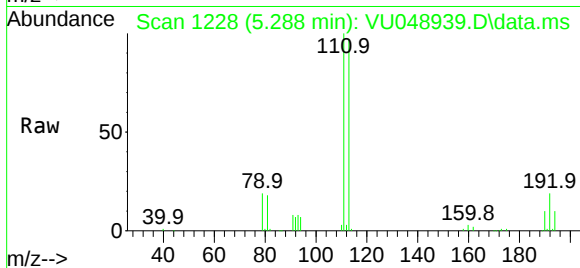
Tgt Ion:113 Resp: 140398

Ion Ratio Lower Upper

113 100

111 103.4 80.7 121.1

192 19.0 15.9 23.9



#37

Ethyl Acetate

Concen: 1.403 ug/l

RT: 4.809 min Scan# 1079

Delta R.T. 0.009 min

Lab File: VU048939.D

Acq: 08 Jun 2022 03:24

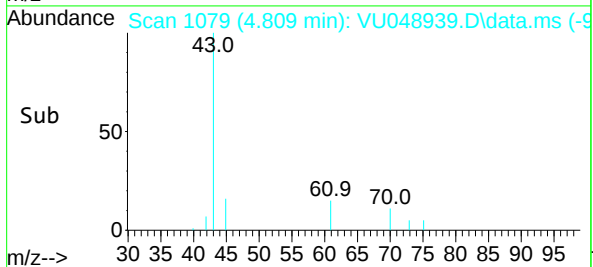
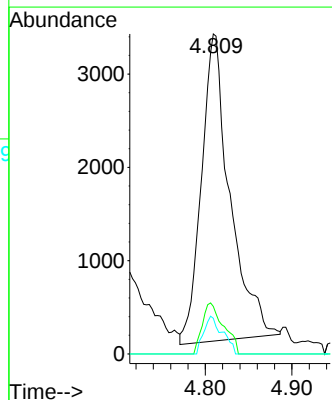
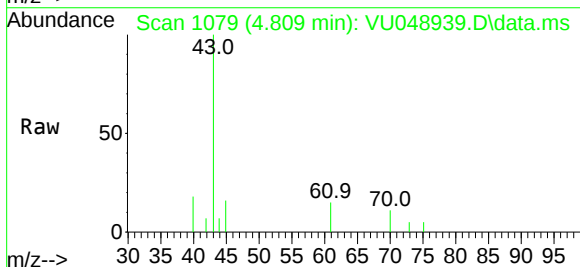
Tgt Ion: 43 Resp: 7538

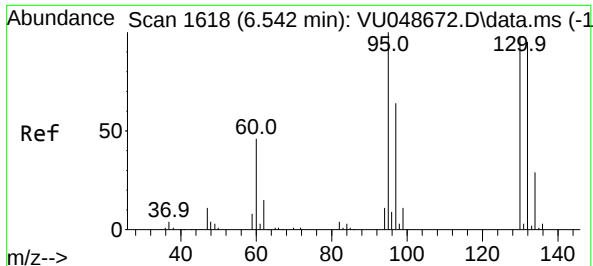
Ion Ratio Lower Upper

43 100

61 12.5 11.7 17.5

70 8.0 8.4 12.6#

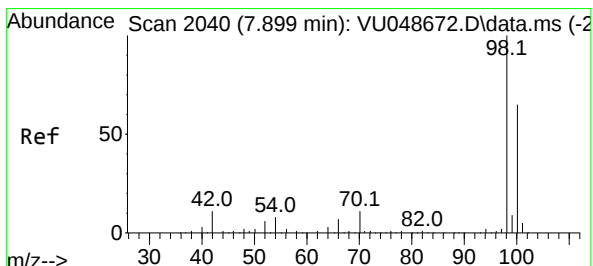
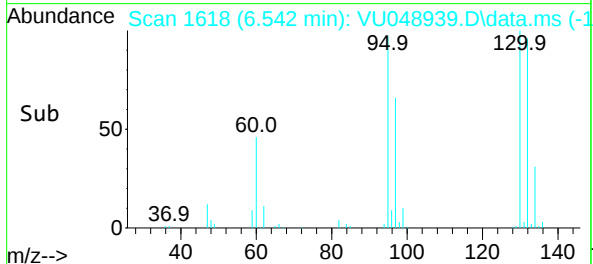
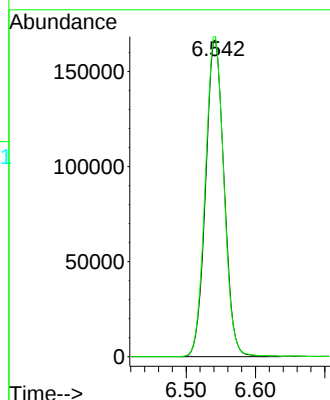
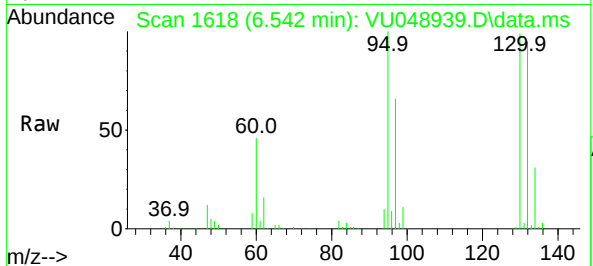




#44
Trichloroethene
Concen: 95.327 ug/l
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

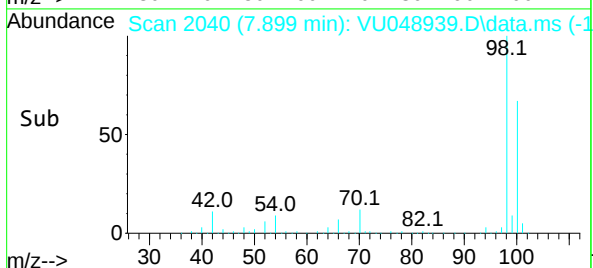
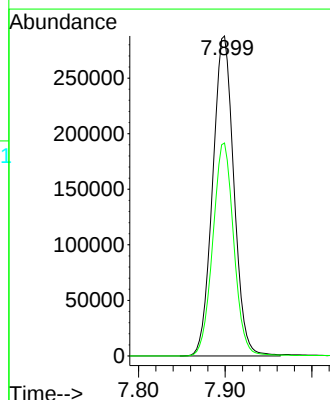
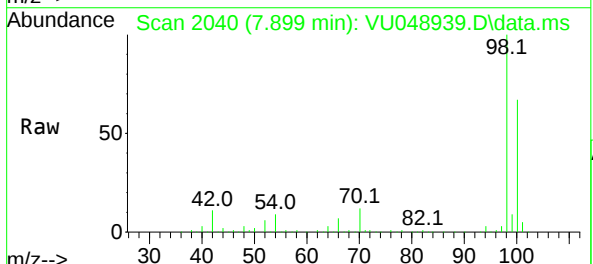
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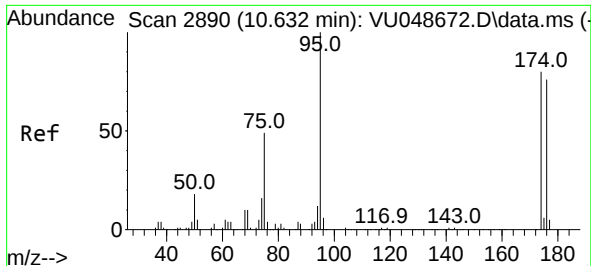
Tgt Ion:130 Resp: 308195
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.8



#50
Toluene-d8
Concen: 46.934 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion: 98 Resp: 489985
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4

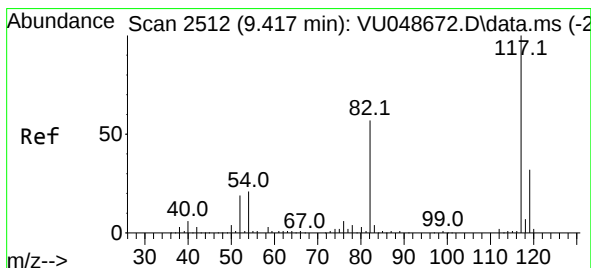
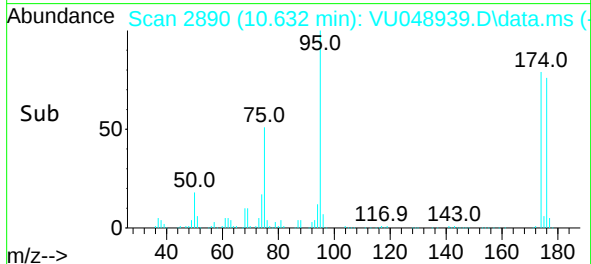
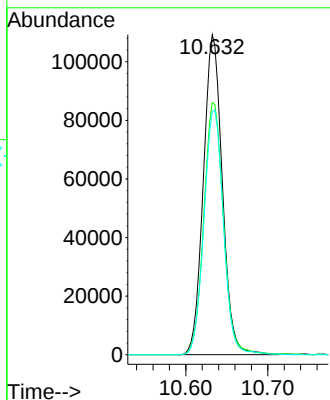
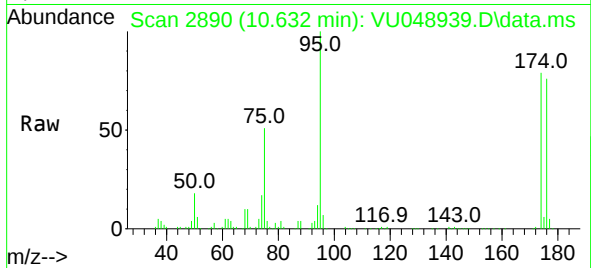




#62
4-Bromofluorobenzene
Concen: 44.498 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

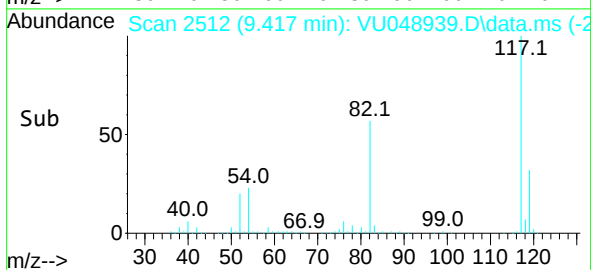
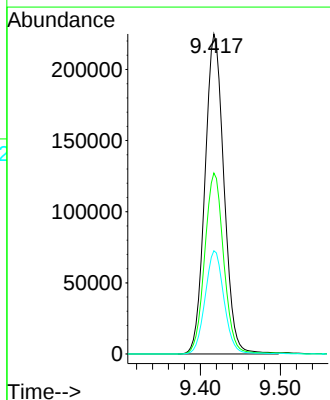
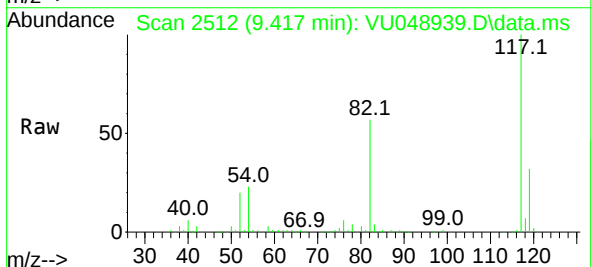
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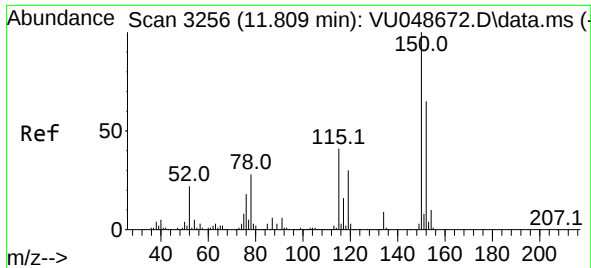
Tgt Ion: 95 Resp: 175690
Ion Ratio Lower Upper
95 100
174 81.5 0.0 159.4
176 78.2 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

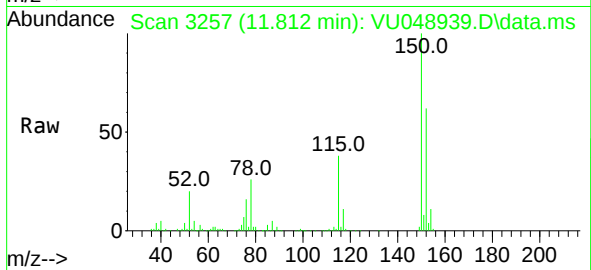
Tgt Ion: 117 Resp: 372099
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048939.D
 Acq: 08 Jun 2022 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 46BR-20220601



Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	41.8	125.4
150	161.4	0.0	341.0

