

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048808.D
 Acq On : 02 Jun 2022 16:59
 Operator : SY/MD
 Sample : N3143-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)

Quant Time: Jun 03 01:16:56 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)

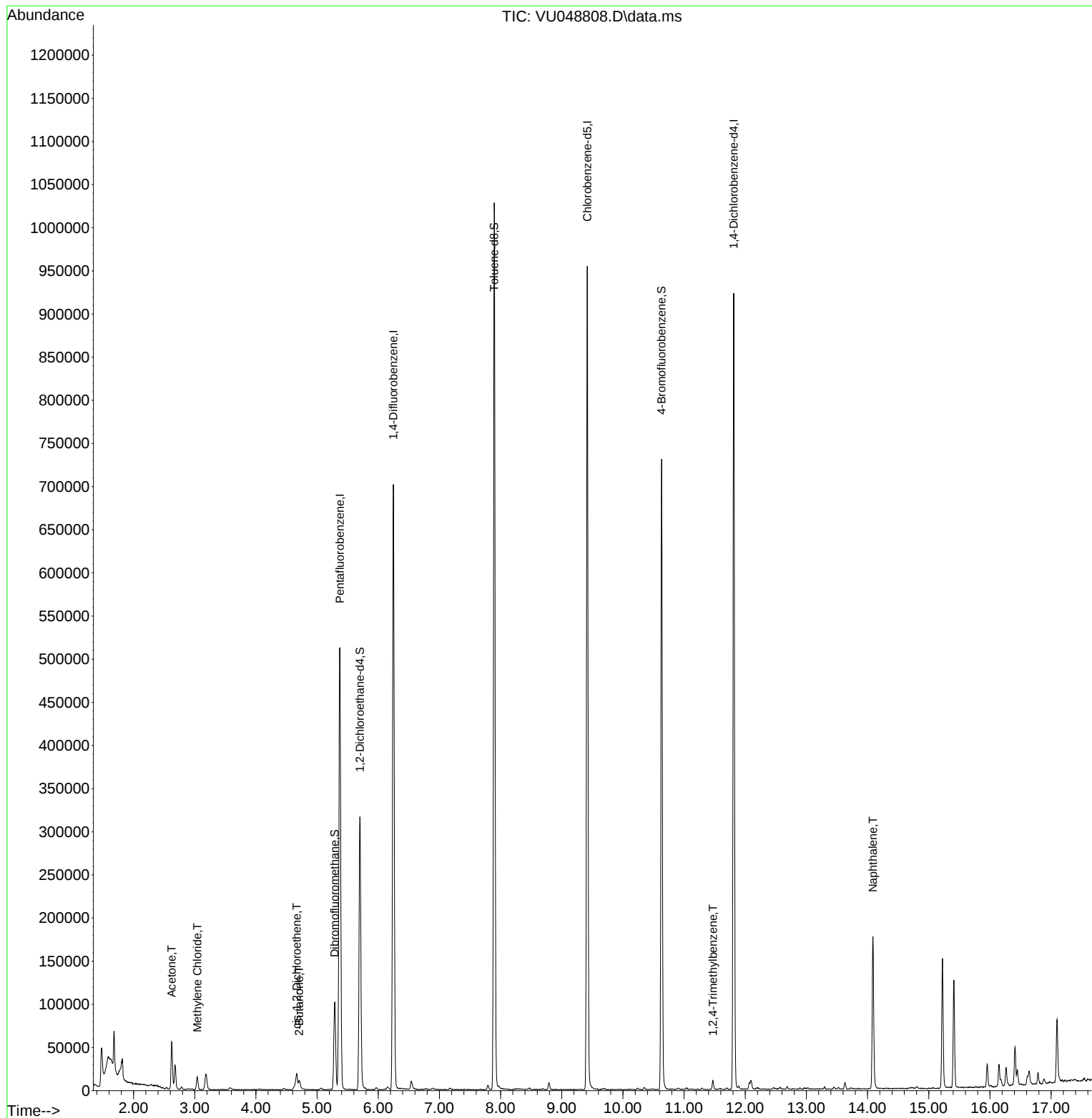
Internal Standards						
1) Pentafluorobenzene	5.372	168	354153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	565145	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	531276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	246491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	237961	44.740	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.480%
35) Dibromofluoromethane	5.288	113	68170	16.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	33.820%#
50) Toluene-d8	7.896	98	683045	47.260	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.520%
62) 4-Bromofluorobenzene	10.632	95	247045	45.197	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						
					Qvalue	
16) Acetone	2.623	43	59138	21.818	ug/l	99
20) Methylene Chloride	3.041	84	6662	1.445	ug/l	95
25) 2-Butanone	4.707	43	16608	4.265	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	9148	1.917	ug/l	91
84) 1,2,4-Trimethylbenzene	11.472	105	6673	1.624	ug/l	85
95) Naphthalene	14.089	128	149826	9.864	ug/l	100

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

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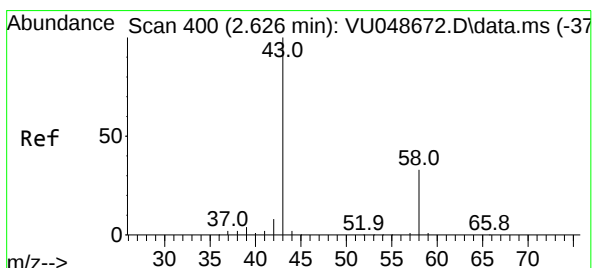
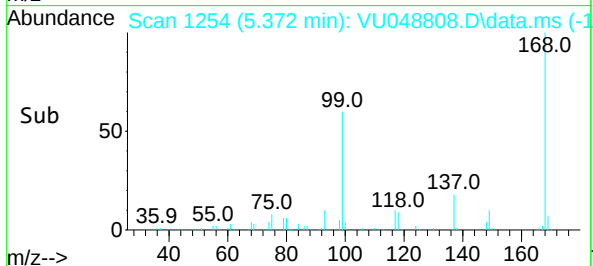
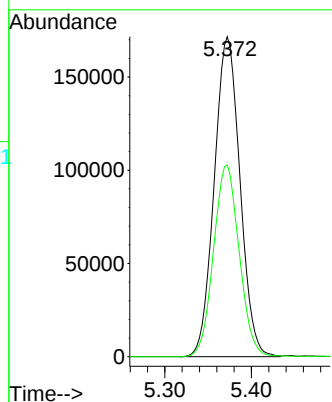
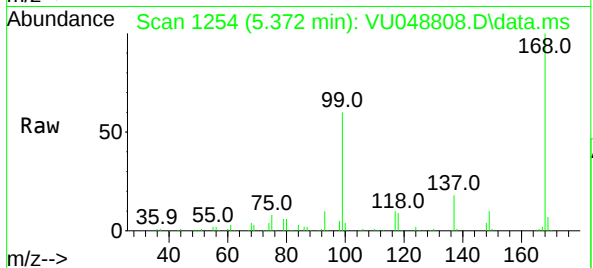




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048808.D
Acq: 02 Jun 2022 16:59

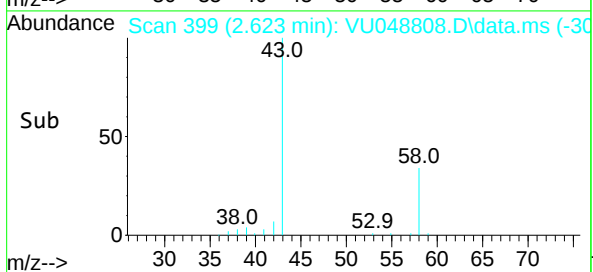
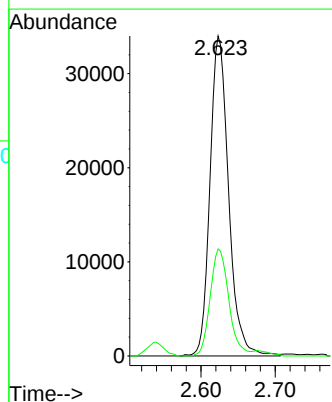
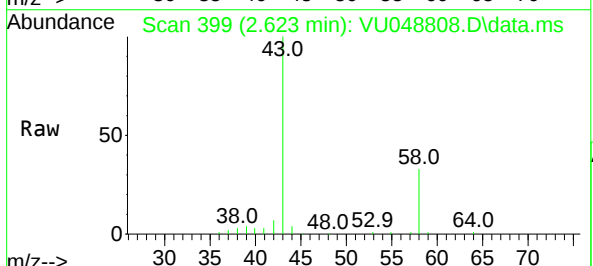
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)

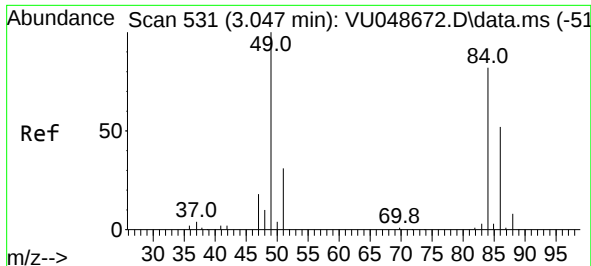
Tgt Ion:168 Resp: 354153
Ion Ratio Lower Upper
168 100
99 59.9 49.3 73.9



#16
Acetone
Concen: 21.818 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048808.D
Acq: 02 Jun 2022 16:59

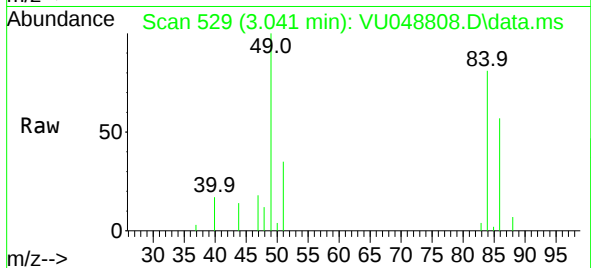
Tgt Ion: 43 Resp: 59138
Ion Ratio Lower Upper
43 100
58 33.5 26.3 39.5



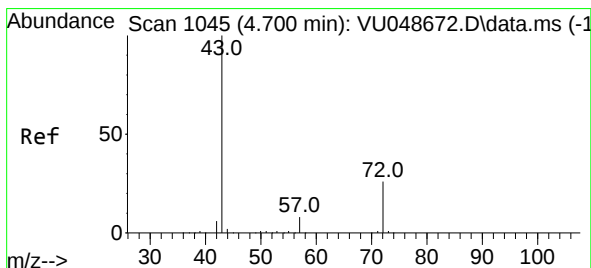
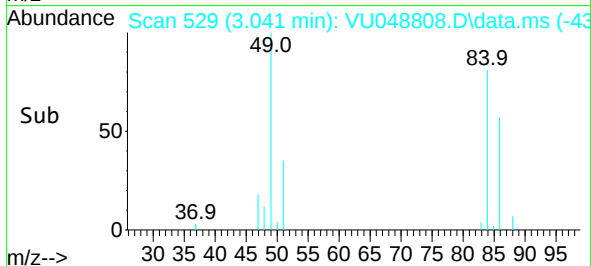
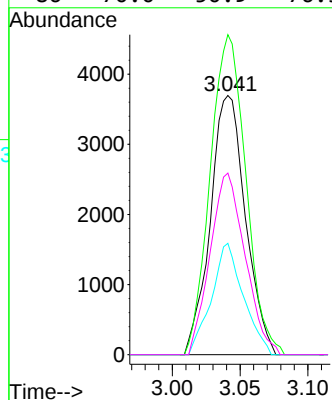


#20
Methylene Chloride
Concen: 1.445 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU048808.D
Acq: 02 Jun 2022 16:59

Instrument : MSVOA_U
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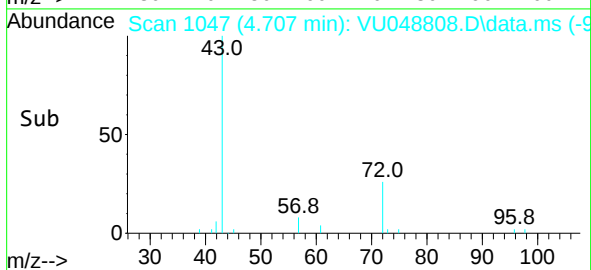
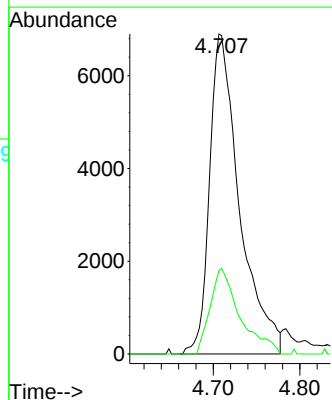
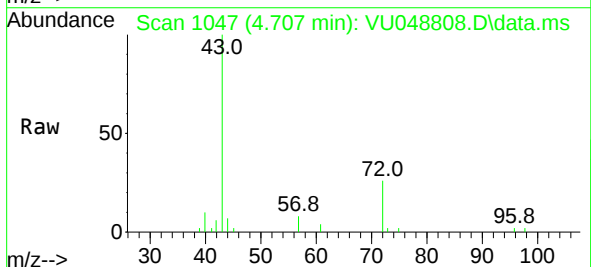


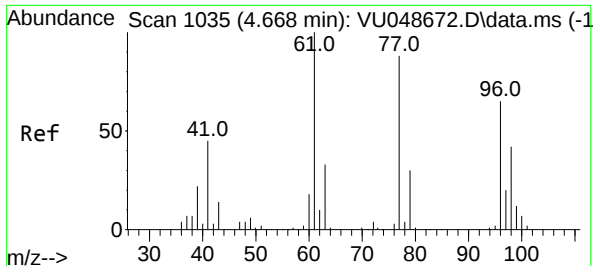
Tgt Ion:	84	Resp:	6662
Ion	Ratio	Lower	Upper
84	100		
49	123.4	97.0	145.4
51	43.0	29.8	44.8
86	70.0	50.9	76.3



#25
2-Butanone
Concen: 4.265 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU048808.D
Acq: 02 Jun 2022 16:59

Tgt Ion:	43	Resp:	16608
Ion	Ratio	Lower	Upper
43	100		
72	26.0	21.1	31.7

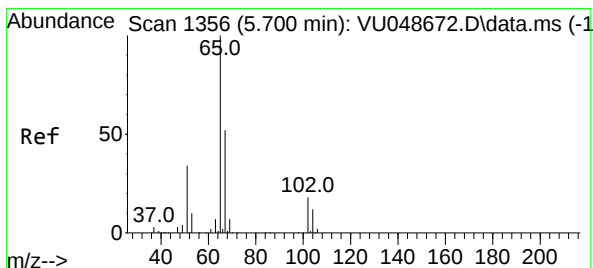
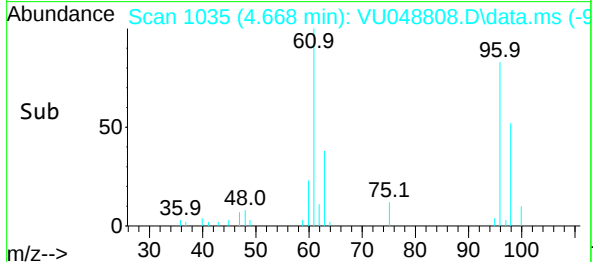
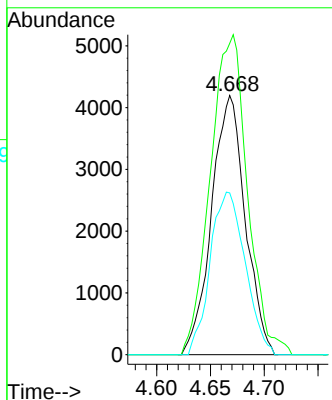
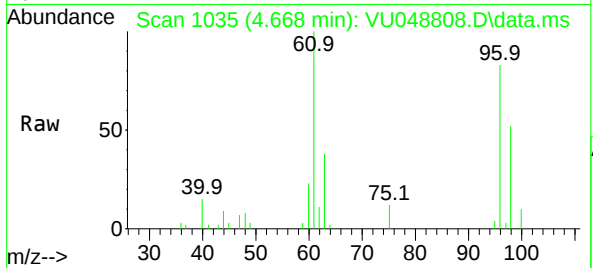




#27
 cis-1,2-Dichloroethene
 Concen: 1.917 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU048808.D
 Acq: 02 Jun 2022 16:59

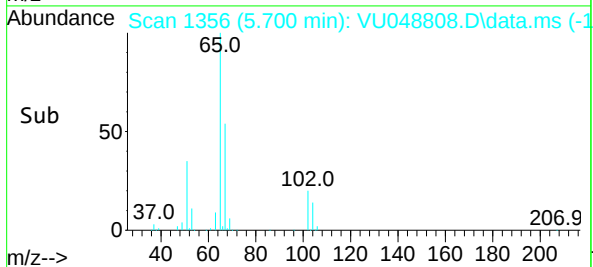
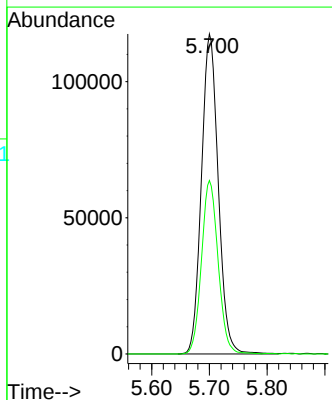
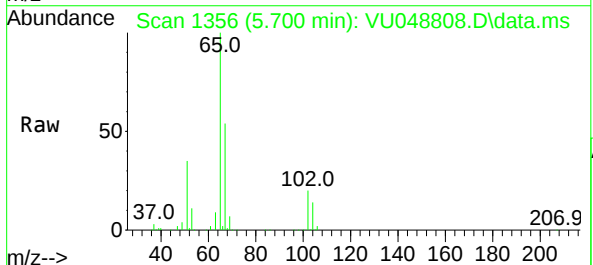
Instrument : MSVOA_U
 ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)

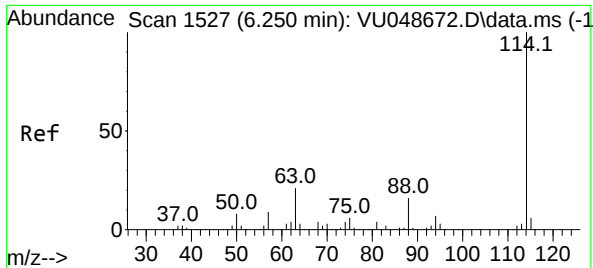
Tgt Ion: 96 Resp: 9148
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 306.2
 98 65.1 0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 44.740 ug/l
 RT: 5.700 min Scan# 1356
 Delta R.T. -0.000 min
 Lab File: VU048808.D
 Acq: 02 Jun 2022 16:59

Tgt Ion: 65 Resp: 237961
 Ion Ratio Lower Upper
 65 100
 67 53.4 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: VU048808.D

Acq: 02 Jun 2022 16:59

Instrument :

MSVOA_U

ClientSampleId :

20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)

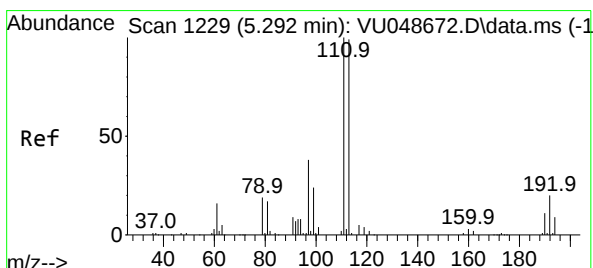
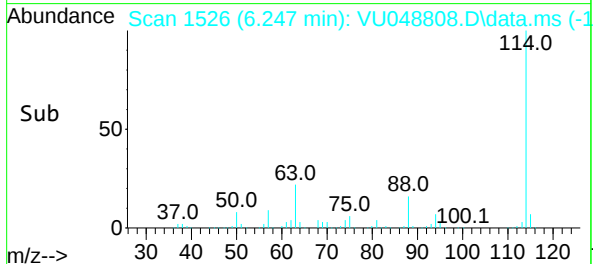
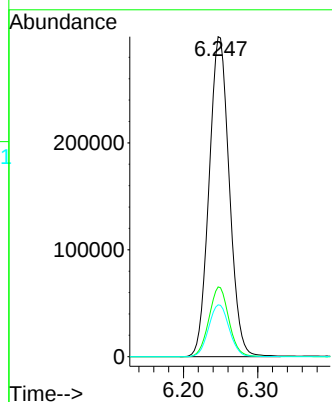
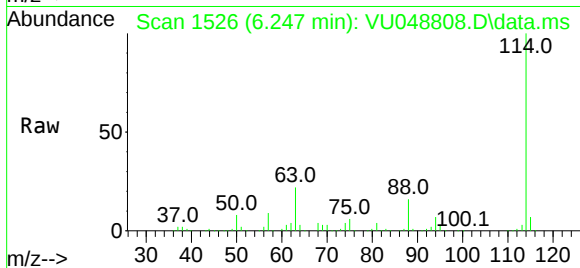
Tgt Ion:114 Resp: 565145

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

88 16.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 16.908 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048808.D

Acq: 02 Jun 2022 16:59

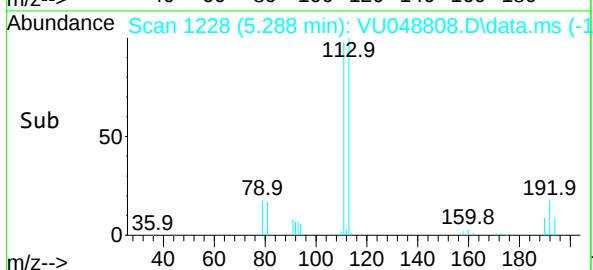
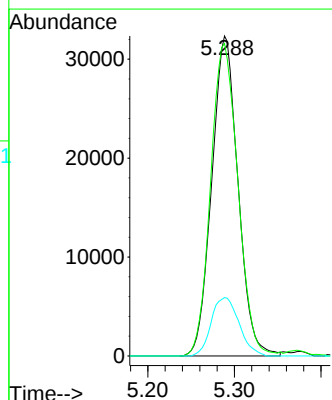
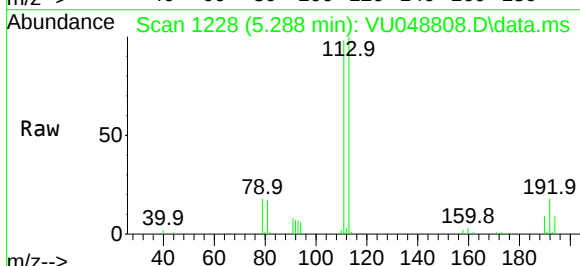
Tgt Ion:113 Resp: 68170

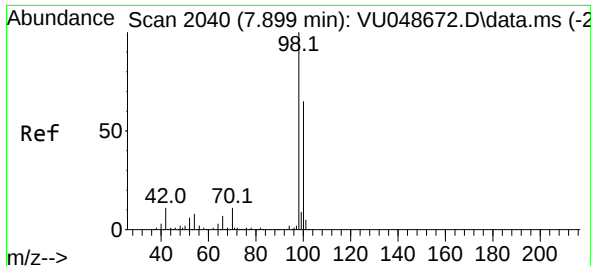
Ion Ratio Lower Upper

113 100

111 101.1 80.7 121.1

192 19.3 15.9 23.9

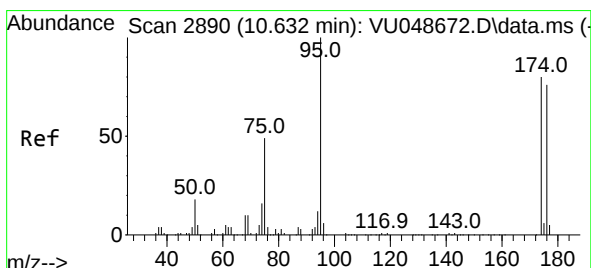
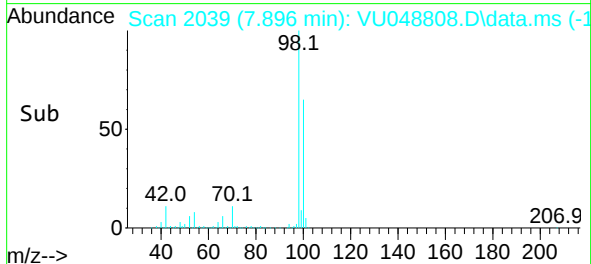
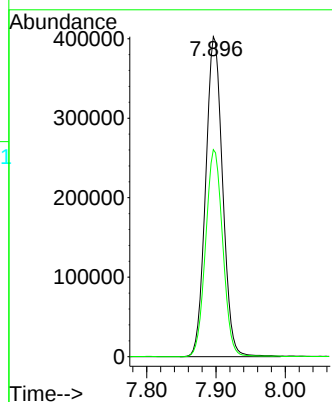
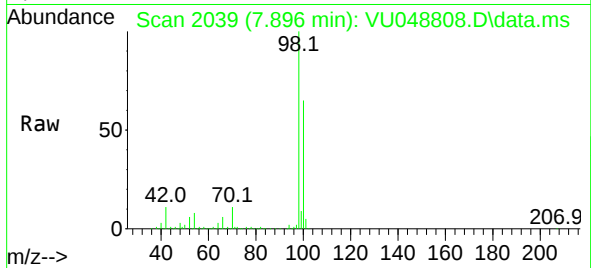




#50
Toluene-d8
Concen: 47.260 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048808.D
Acq: 02 Jun 2022 16:59

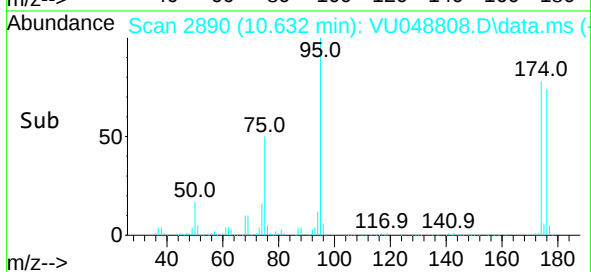
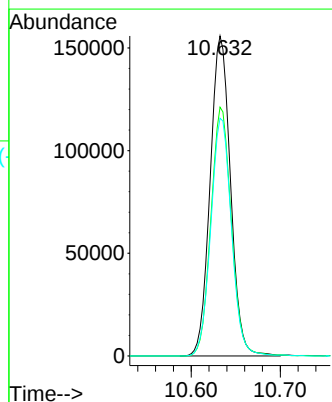
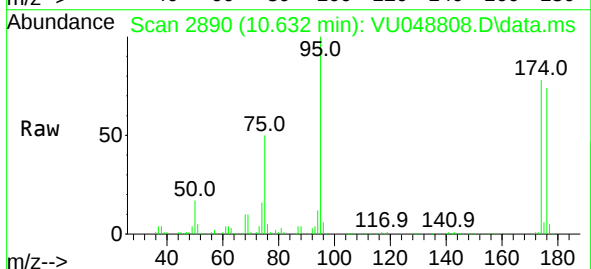
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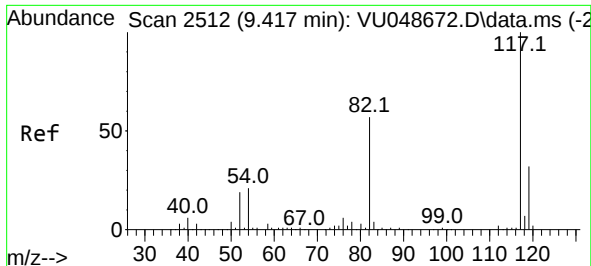
Tgt Ion: 98 Resp: 683045
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.197 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048808.D
Acq: 02 Jun 2022 16:59

Tgt Ion: 95 Resp: 247045
Ion Ratio Lower Upper
95 100
174 78.2 0.0 159.4
176 75.3 0.0 152.4

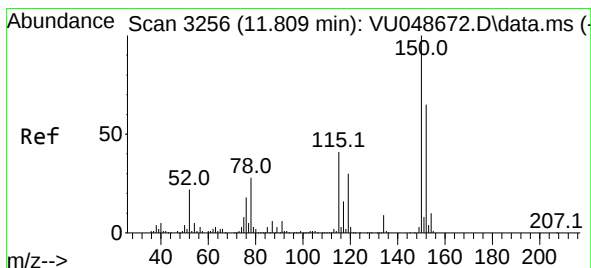
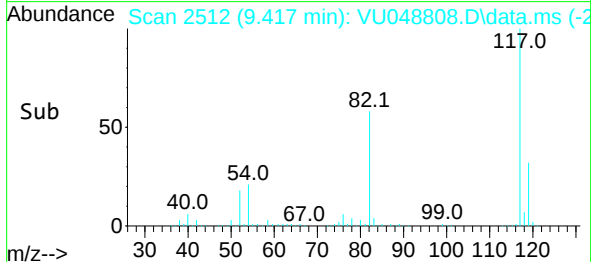
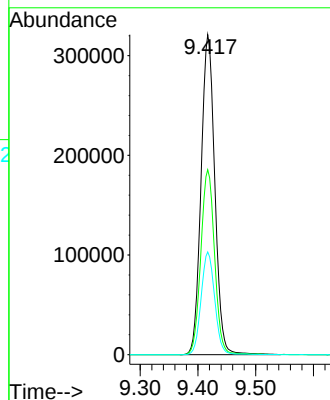
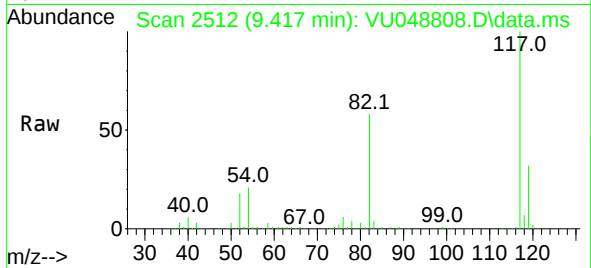




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048808.D
Acq: 02 Jun 2022 16:59

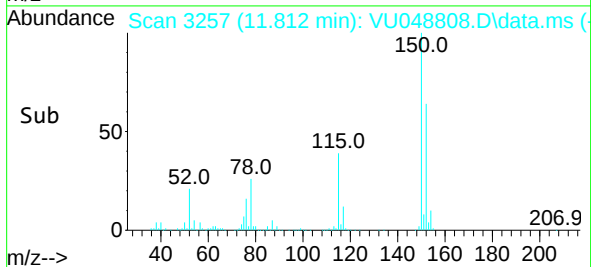
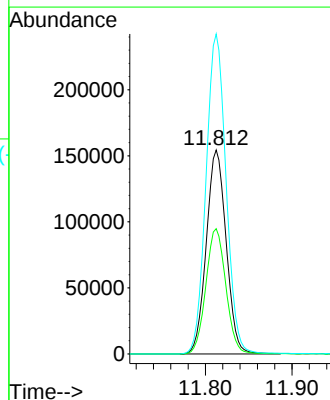
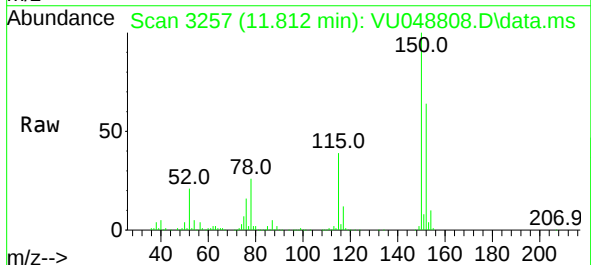
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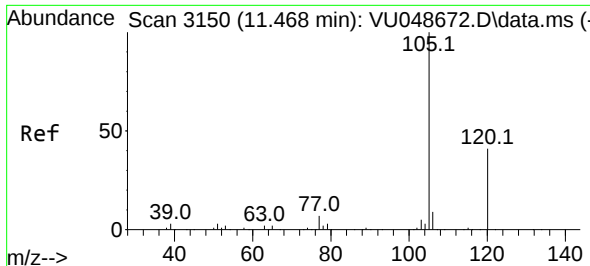
Tgt Ion:117 Resp: 531276
Ion Ratio Lower Upper
117 100
82 57.8 45.3 67.9
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048808.D
Acq: 02 Jun 2022 16:59

Tgt Ion:152 Resp: 246491
Ion Ratio Lower Upper
152 100
115 61.7 41.8 125.4
150 158.1 0.0 341.0

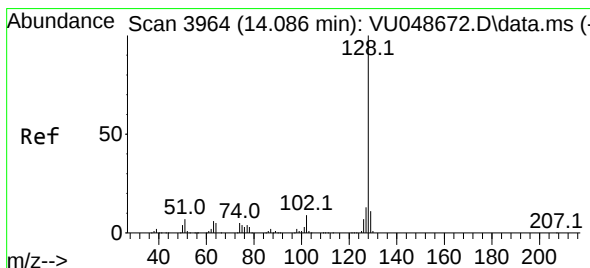
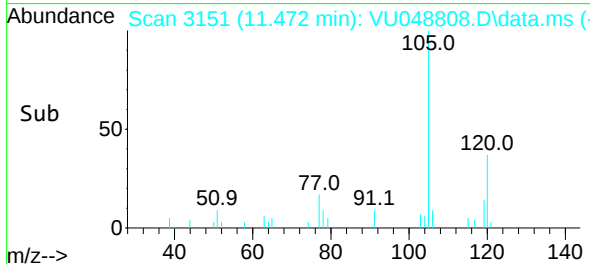
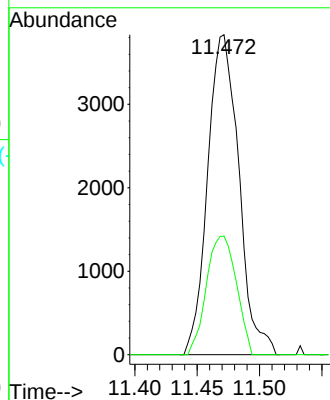
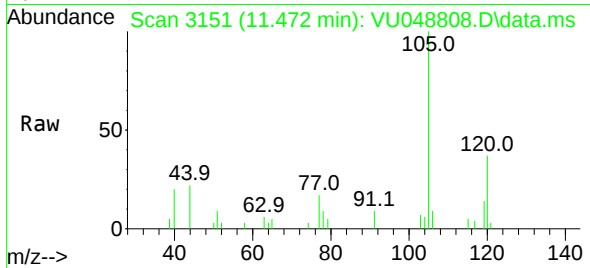




#84
1,2,4-Trimethylbenzene
Concen: 1.624 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU048808.D
Acq: 02 Jun 2022 16:59

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Tgt Ion:105 Resp: 6673
Ion Ratio Lower Upper
105 100
120 35.5 22.5 67.5



#95
Naphthalene
Concen: 9.864 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048808.D
Acq: 02 Jun 2022 16:59

Tgt Ion:128 Resp: 149826
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.7 13.1

