

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048763.D
 Acq On : 01 Jun 2022 01:49
 Operator : SY/MD
 Sample : N3099-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20220426-SPLP-AMENDED-COMPOSITE-F

Quant Time: Jun 01 05:45:11 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)

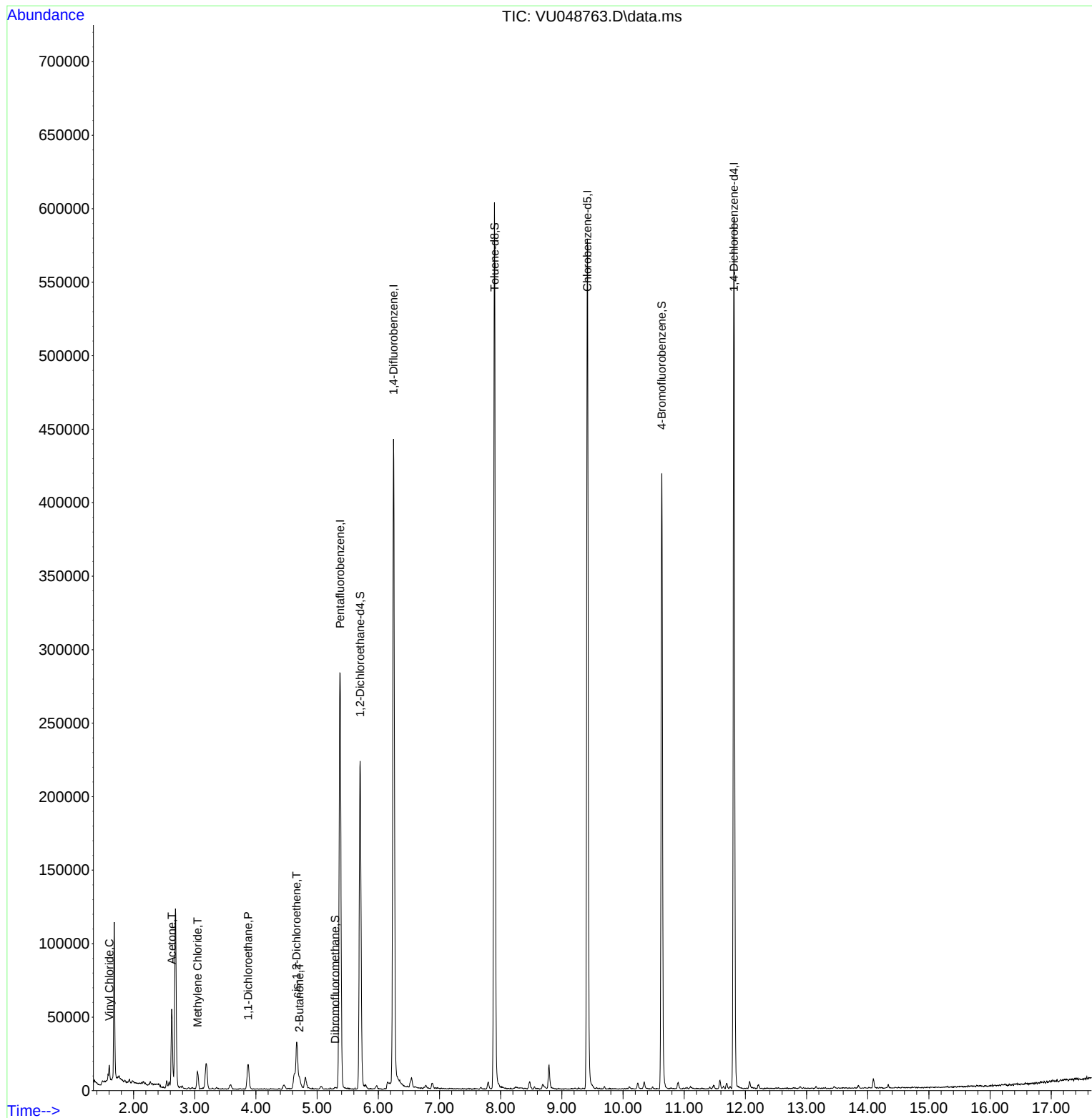
Internal Standards						
1) Pentafluorobenzene	5.375	168	196206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	349185	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	324236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	154441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	171254	58.118	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.240%	
35) Dibromofluoromethane	5.292	113	819	0.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 0.660%#	
50) Toluene-d8	7.899	98	400436	44.842	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 89.680%#	
62) 4-Bromofluorobenzene	10.632	95	145174	42.986	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.980%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.604	62	6364	2.376	ug/l #	72
16) Acetone	2.623	43	58675	39.073	ug/l	100
20) Methylene Chloride	3.044	84	5622	2.202	ug/l	89
24) 1,1-Dichloroethane	3.874	63	19818	4.423	ug/l	99
25) 2-Butanone	4.710	43	10415	4.828	ug/l	95
27) cis-1,2-Dichloroethene	4.665	96	16500	6.240	ug/l	87

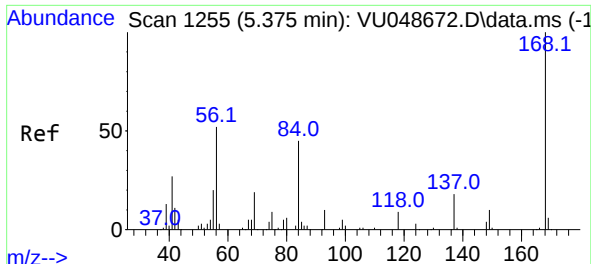
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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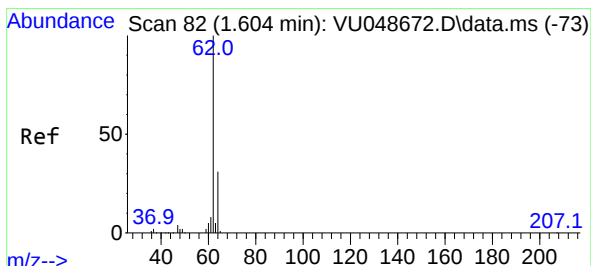
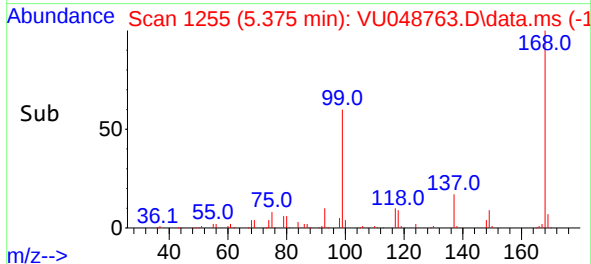
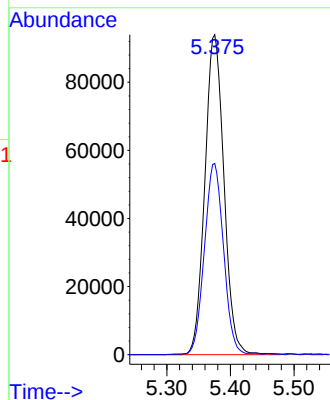
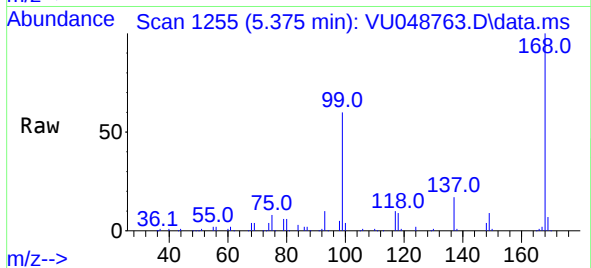




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048763.D
Acq: 01 Jun 2022 01:49

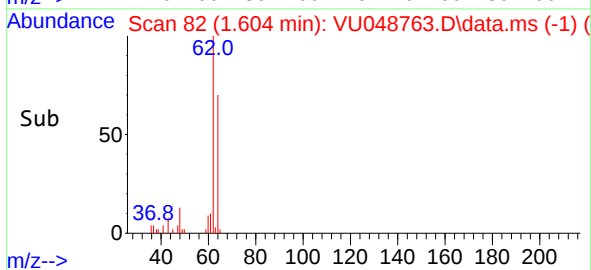
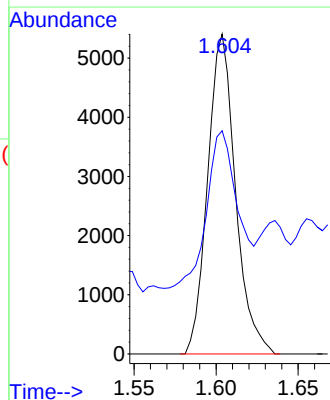
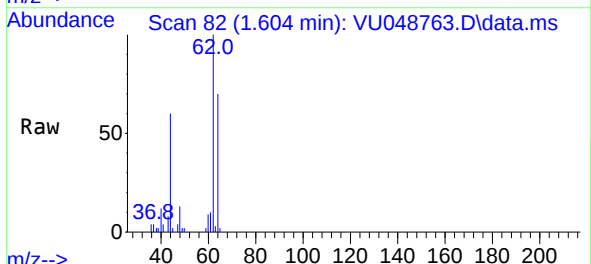
Instrument : MSVOA_U
ClientSampleId : 20220426-SPLP-AMENDED-COMPOSITE-F

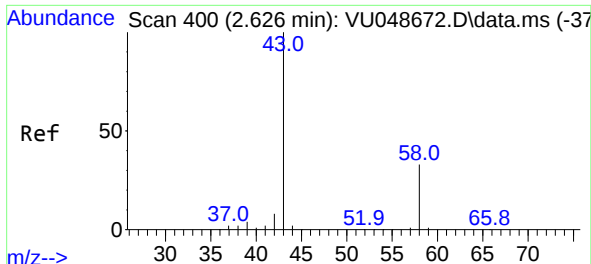
Tgt Ion:168 Resp: 196206
Ion Ratio Lower Upper
168 100
99 59.6 49.3 73.9



#4
Vinyl Chloride
Concen: 2.376 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048763.D
Acq: 01 Jun 2022 01:49

Tgt Ion: 62 Resp: 6364
Ion Ratio Lower Upper
62 100
64 47.2 25.2 37.8#

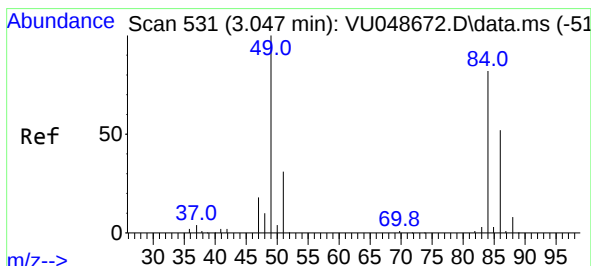
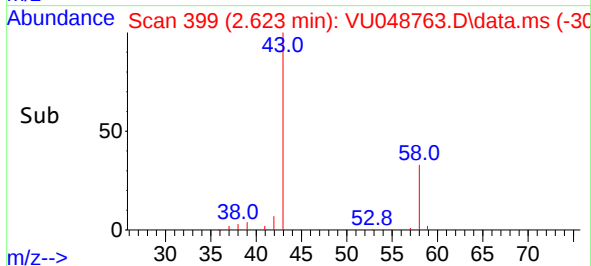
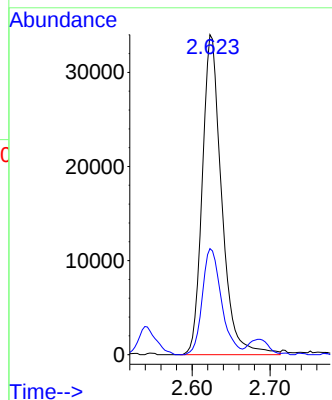
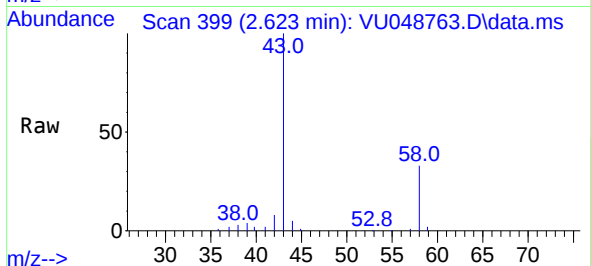




#16
Acetone
Concen: 39.073 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048763.D
Acq: 01 Jun 2022 01:49

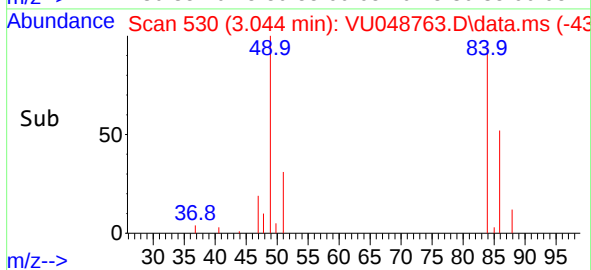
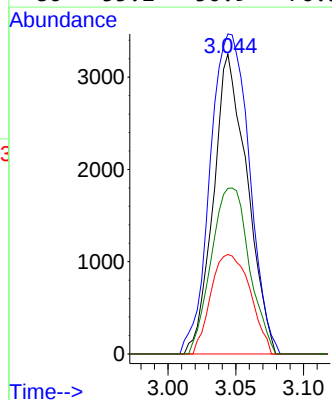
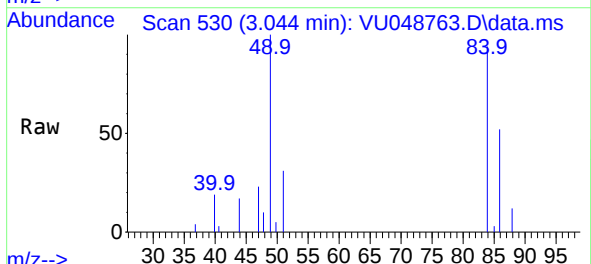
Instrument : MSVOA_U
ClientSampleId : 20220426-SPLP-AMENDED-COMPOSITE-F

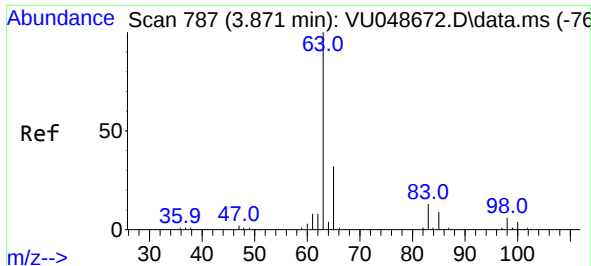
Tgt Ion: 43 Resp: 58675
Ion Ratio Lower Upper
43 100
58 33.2 26.3 39.5



#20
Methylene Chloride
Concen: 2.202 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048763.D
Acq: 01 Jun 2022 01:49

Tgt Ion: 84 Resp: 5622
Ion Ratio Lower Upper
84 100
49 106.7 97.0 145.4
51 33.2 29.8 44.8
86 55.2 50.9 76.3





#24

1,1-Dichloroethane

Concen: 4.423 ug/l

RT: 3.874 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU048763.D

Acq: 01 Jun 2022 01:49

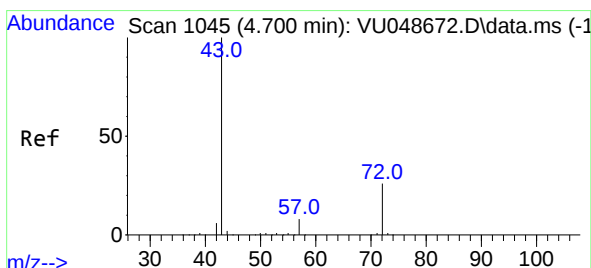
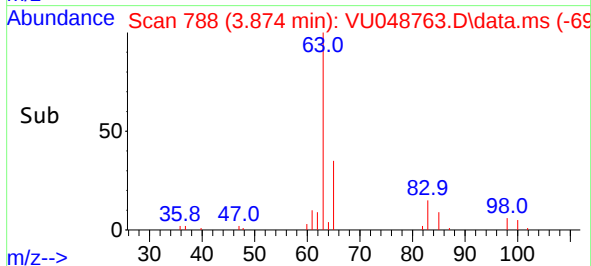
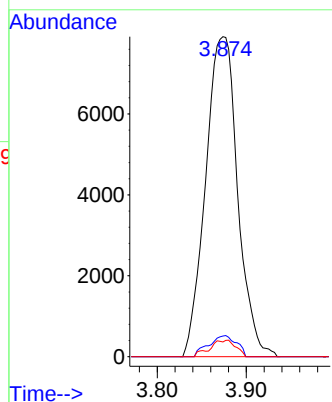
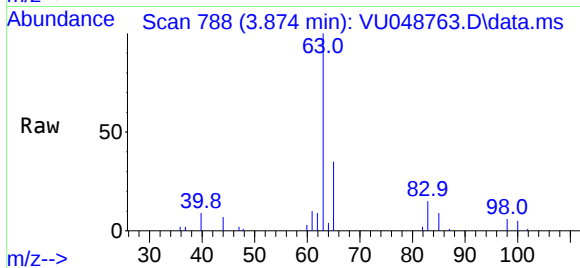
Instrument :

MSVOA_U

ClientSampleId :

20220426-SPLP-AMENDED-COMPOSITE-F

Tgt Ion: 63	Resp: 19818
Ion Ratio	Lower Upper
63 100	
98 6.4	3.1 9.3
100 4.6	2.0 5.8



#25

2-Butanone

Concen: 4.828 ug/l

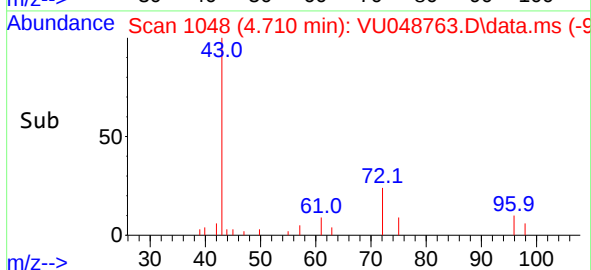
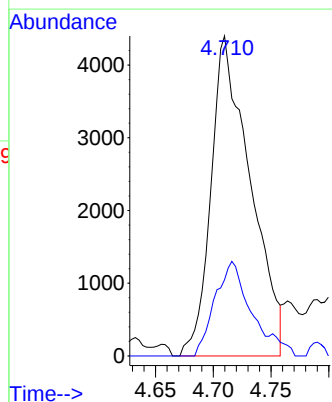
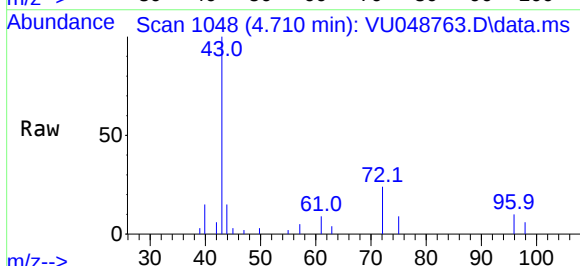
RT: 4.710 min Scan# 1048

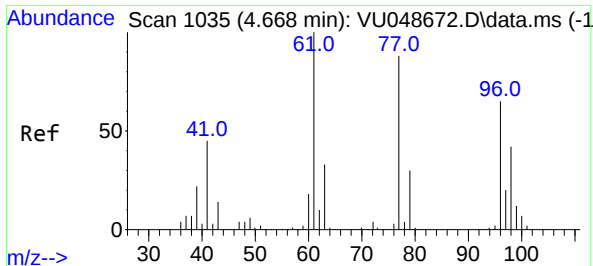
Delta R.T. 0.010 min

Lab File: VU048763.D

Acq: 01 Jun 2022 01:49

Tgt Ion: 43	Resp: 10415
Ion Ratio	Lower Upper
43 100	
72 23.8	21.1 31.7

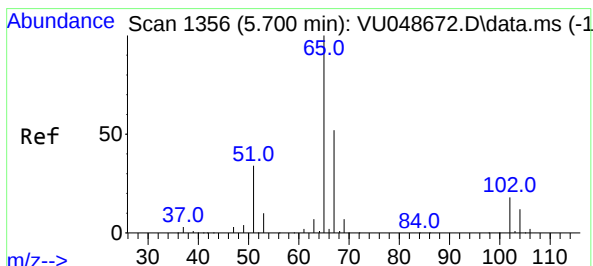
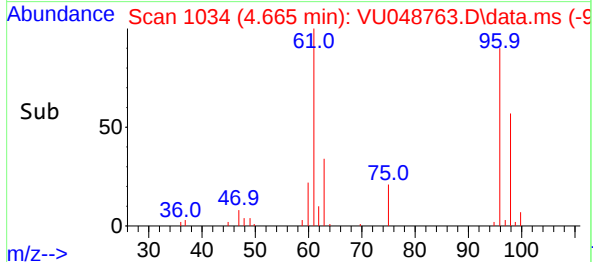
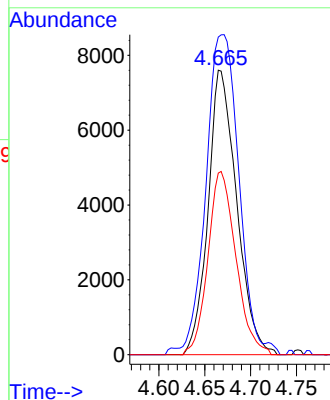
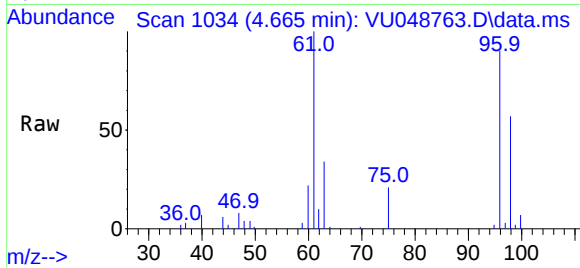




#27
 cis-1,2-Dichloroethene
 Concen: 6.240 ug/l
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU048763.D
 Acq: 01 Jun 2022 01:49

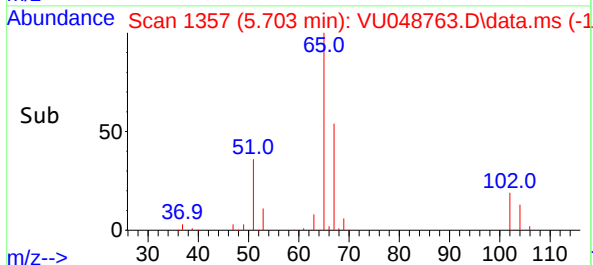
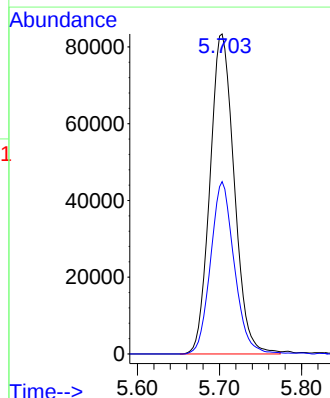
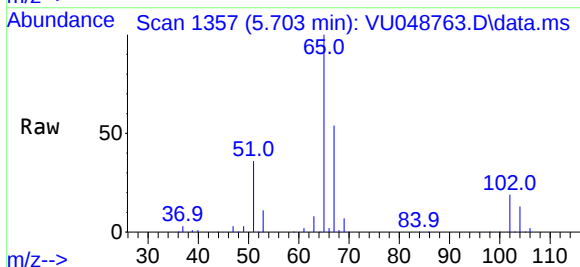
Instrument : MSVOA_U
 ClientSampleId : 20220426-SPLP-AMENDED-COMPOSITE-F

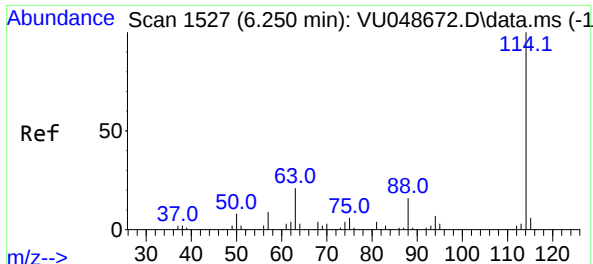
Tgt Ion: 96	Resp: 16500
Ion Ratio	Lower Upper
96 100	
61 130.2	0.0 306.2
98 62.9	0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 58.118 ug/l
 RT: 5.703 min Scan# 1357
 Delta R.T. 0.003 min
 Lab File: VU048763.D
 Acq: 01 Jun 2022 01:49

Tgt Ion: 65	Resp: 171254
Ion Ratio	Lower Upper
65 100	
67 52.7	0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 114

Delta R.T. -0.000 min

Lab File: VU048763.D

Acq: 01 Jun 2022 01:49

Instrument :

MSVOA_U

ClientSampleId :

20220426-SPLP-AMENDED-COMPOSITE-F

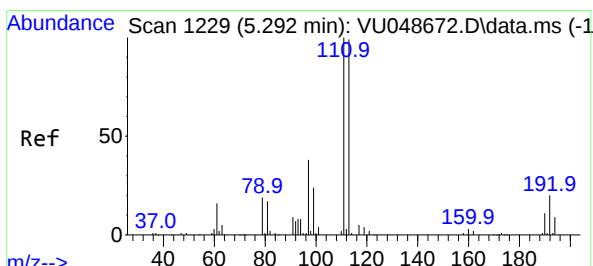
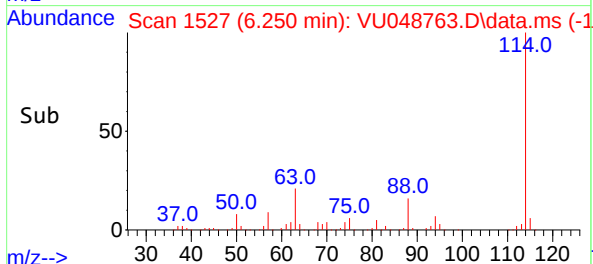
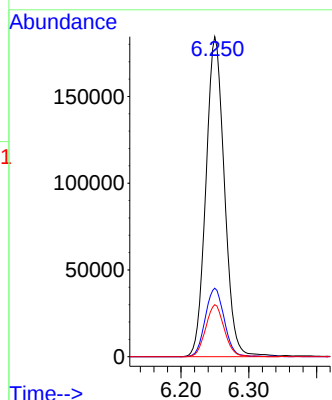
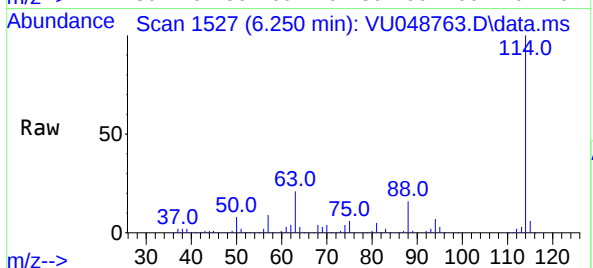
Tgt Ion:114 Resp: 349185

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 0.329 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU048763.D

Acq: 01 Jun 2022 01:49

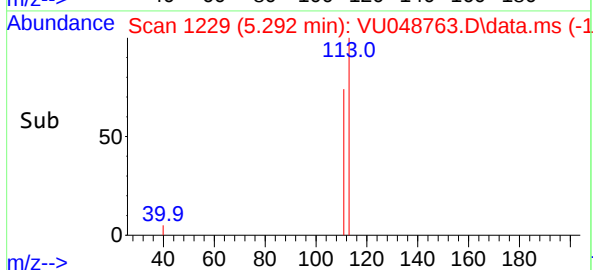
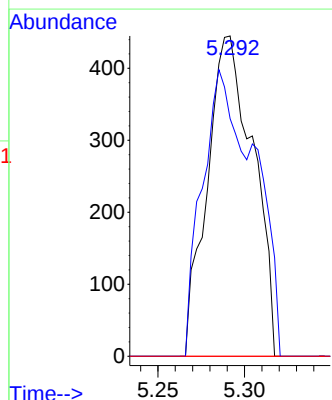
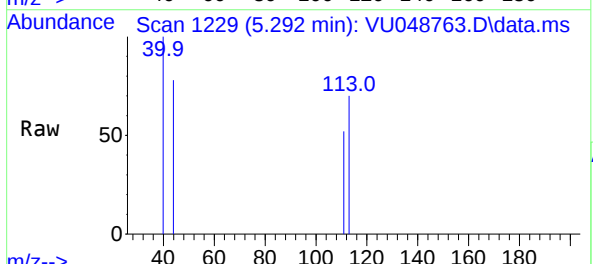
Tgt Ion:113 Resp: 819

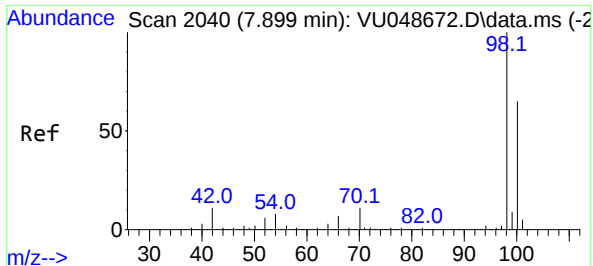
Ion Ratio Lower Upper

113 100

111 74.7 80.7 121.1#

192 0.0 15.9 23.9#

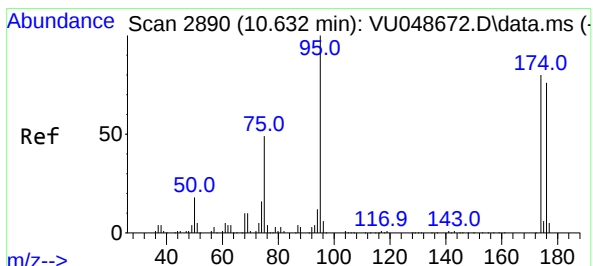
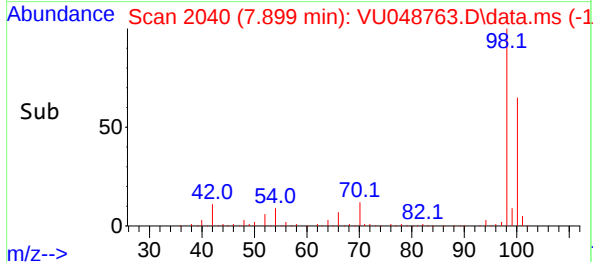
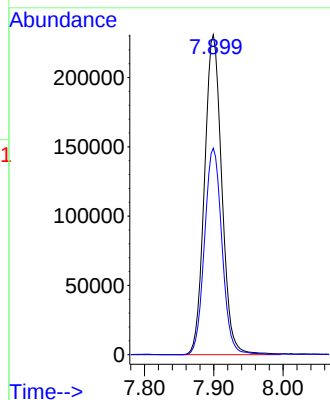
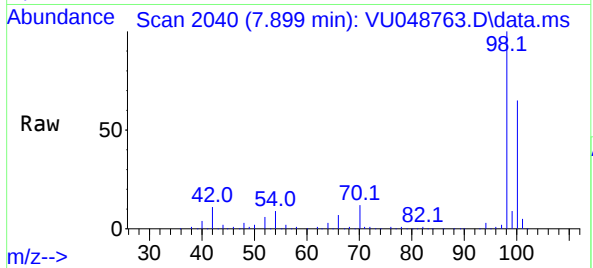




#50
Toluene-d8
Concen: 44.842 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048763.D
Acq: 01 Jun 2022 01:49

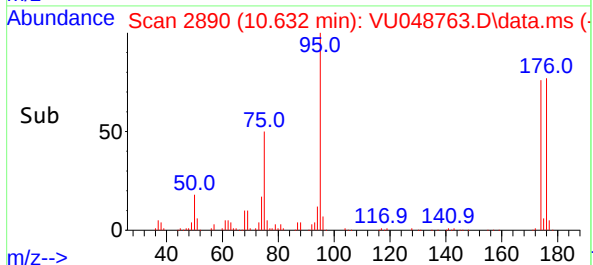
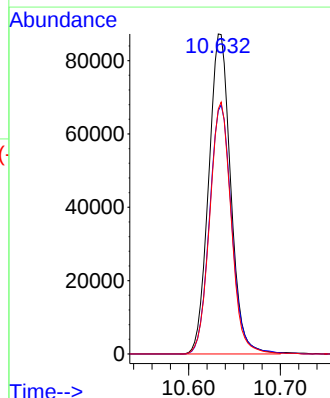
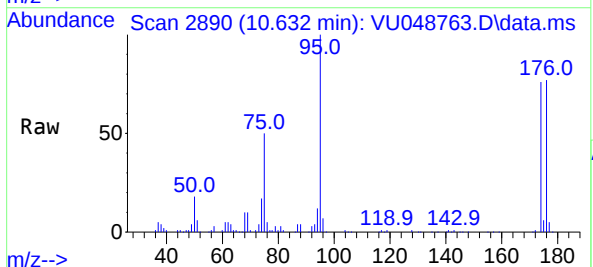
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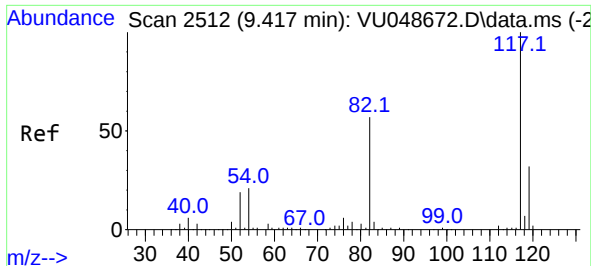
Tgt Ion: 98 Resp: 400436
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.986 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048763.D
Acq: 01 Jun 2022 01:49

Tgt Ion: 95 Resp: 145174
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.4
176 76.9 0.0 152.4

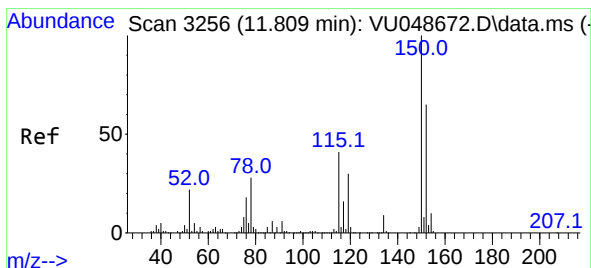
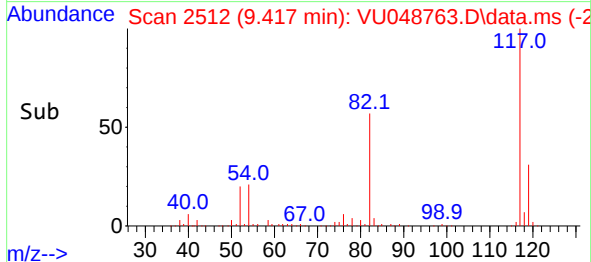
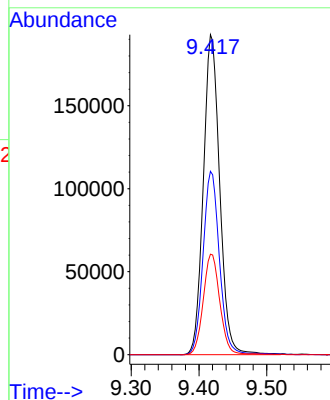
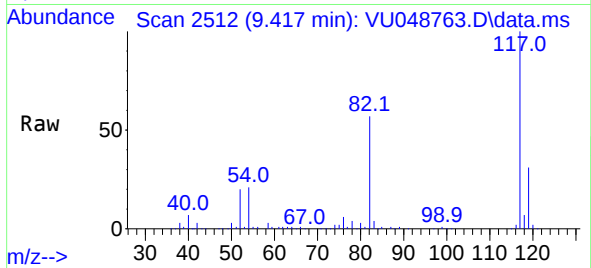




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048763.D
Acq: 01 Jun 2022 01:49

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 324236
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 31.4 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: VU048763.D
Acq: 01 Jun 2022 01:49

Tgt Ion:152 Resp: 154441
Ion Ratio Lower Upper
152 100
115 60.3 41.8 125.4
150 157.8 0.0 341.0

