

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048934.D
 Acq On : 08 Jun 2022 01:26
 Operator : SY/MD
 Sample : N3164-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40S-20220531

Quant Time: Jun 08 09:14:42 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)

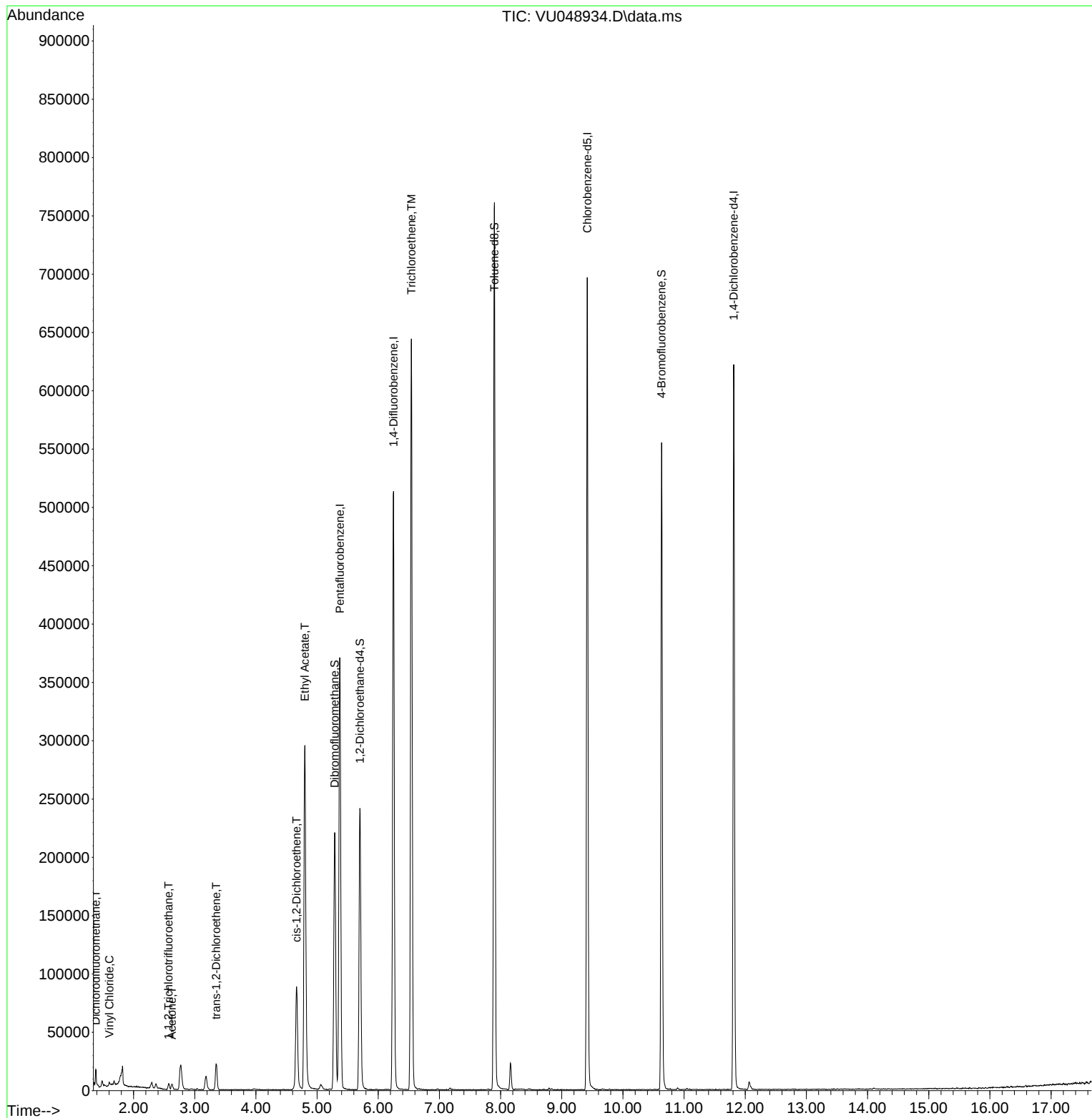
Internal Standards						
1) Pentafluorobenzene	5.372	168	250242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	411035	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	380099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	167409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	188103	50.052	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.100%		
35) Dibromofluoromethane	5.288	113	144133	49.152	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.300%		
50) Toluene-d8	7.899	98	499804	47.548	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.100%		
62) 4-Bromofluorobenzene	10.632	95	184749	46.473	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	9318	3.253	ug/l	98
4) Vinyl Chloride	1.604	62	1893	0.554	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.571	101	2248	0.842	ug/l	94
16) Acetone	2.626	43	5582	2.914	ug/l #	83
21) trans-1,2-Dichloroethene	3.350	96	9868	3.387	ug/l	90
27) cis-1,2-Dichloroethene	4.665	96	45470	13.484	ug/l	91
37) Ethyl Acetate	4.800	43	386674	71.468	ug/l	99
44) Trichloroethene	6.542	130	217155	66.709	ug/l	98

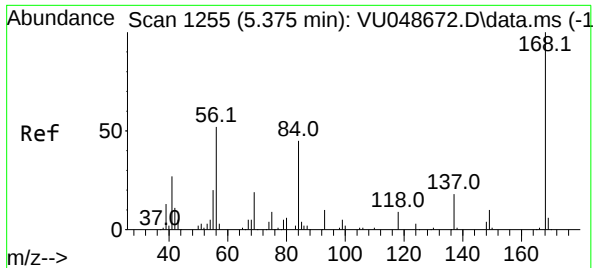
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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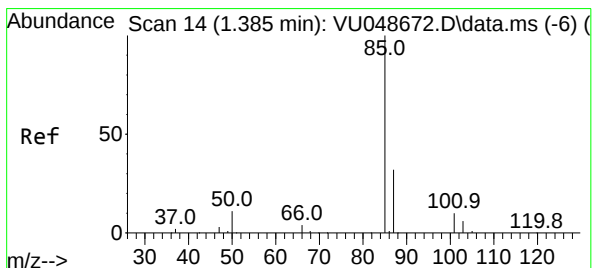
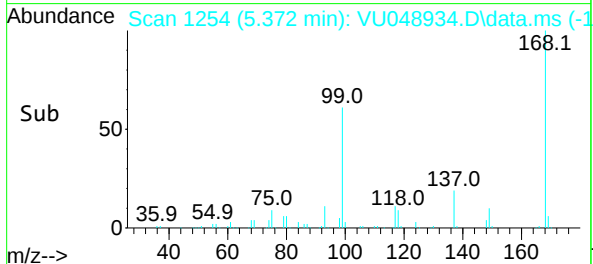
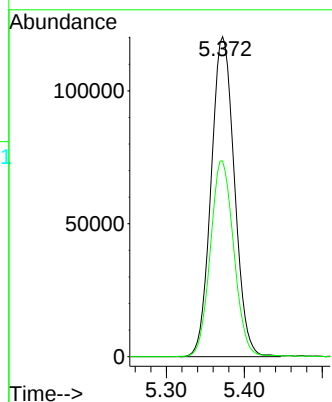
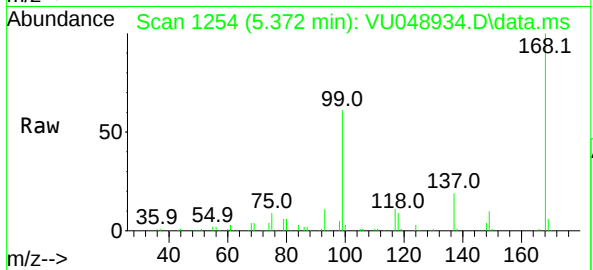




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048934.D
Acq: 08 Jun 2022 01:26

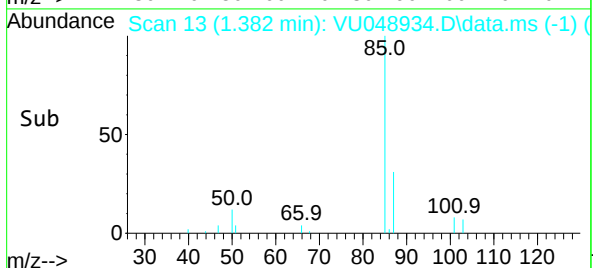
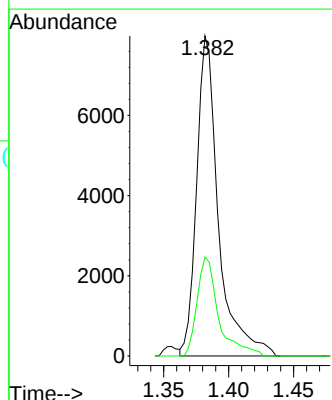
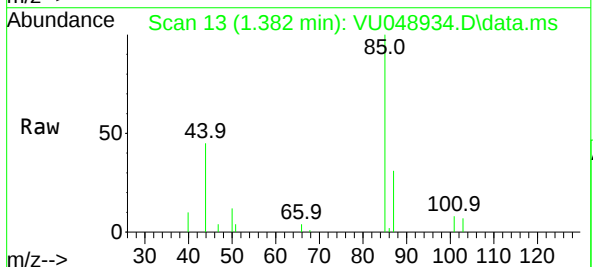
Instrument :
MSVOA_U
ClientSampleId :
40S-20220531

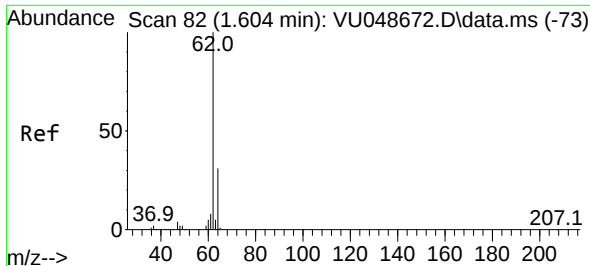
Tgt Ion:168 Resp: 250242
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 3.253 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048934.D
Acq: 08 Jun 2022 01:26

Tgt Ion: 85 Resp: 9318
Ion Ratio Lower Upper
85 100
87 30.9 16.0 48.0

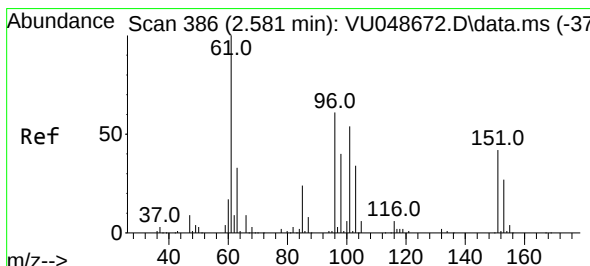
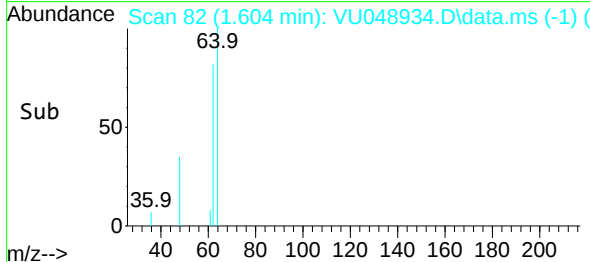
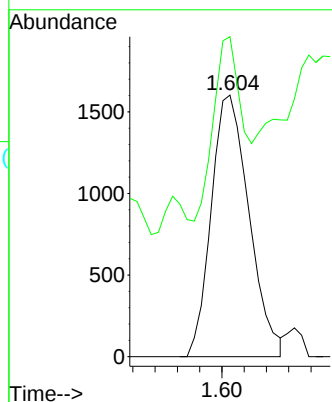
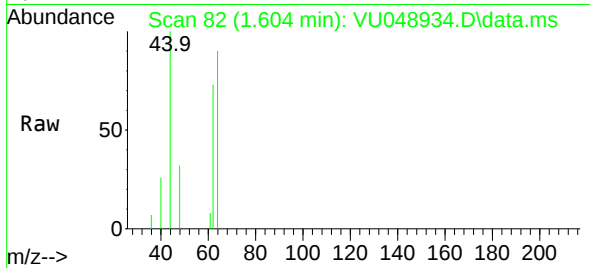




#4
 Vinyl Chloride
 Concen: 0.554 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048934.D
 Acq: 08 Jun 2022 01:26

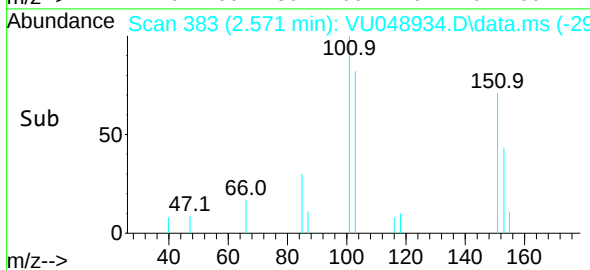
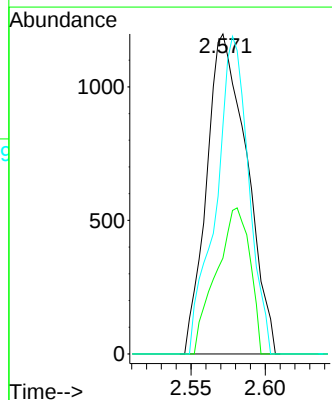
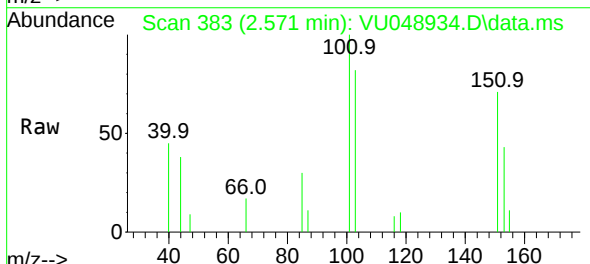
Instrument :
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 ClientSampleId :
 40S-20220531

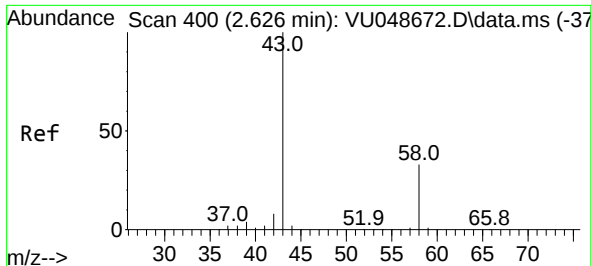
Tgt Ion: 62 Resp: 1893
 Ion Ratio Lower Upper
 62 100
 64 64.1 25.2 37.8#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.842 ug/l
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048934.D
 Acq: 08 Jun 2022 01:26

Tgt Ion: 101 Resp: 2248
 Ion Ratio Lower Upper
 101 100
 85 38.4 35.4 53.2
 151 81.3 62.5 93.7





#16

Acetone

Concen: 2.914 ug/l

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU048934.D

Acq: 08 Jun 2022 01:26

Instrument :

MSVOA_U

ClientSampleId :

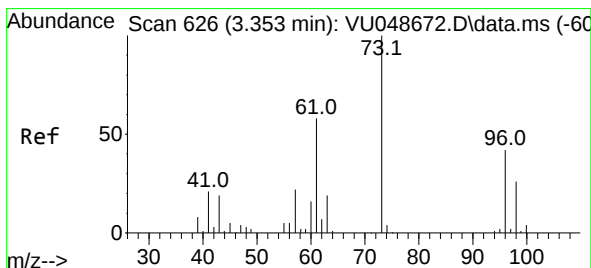
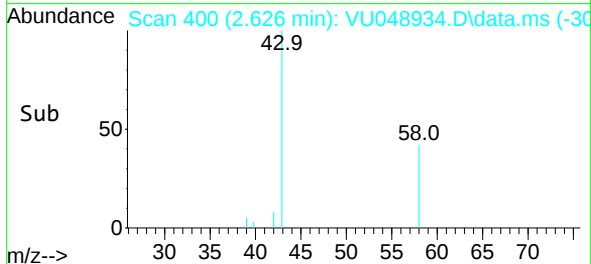
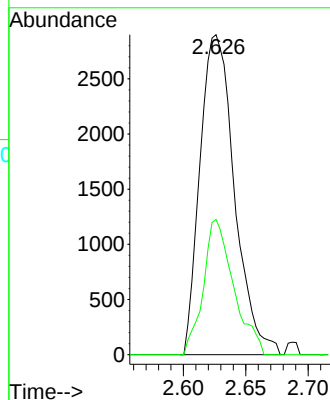
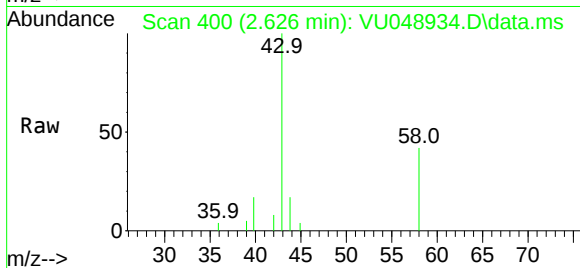
40S-20220531

Tgt Ion: 43 Resp: 5582

Ion Ratio Lower Upper

43 100

58 42.3 26.3 39.5#



#21

trans-1,2-Dichloroethene

Concen: 3.387 ug/l

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU048934.D

Acq: 08 Jun 2022 01:26

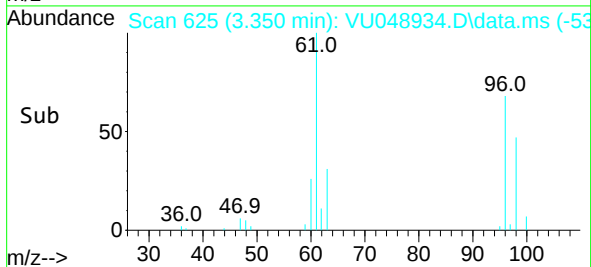
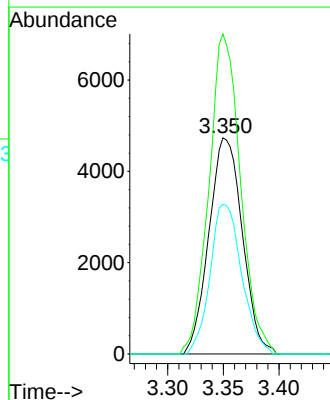
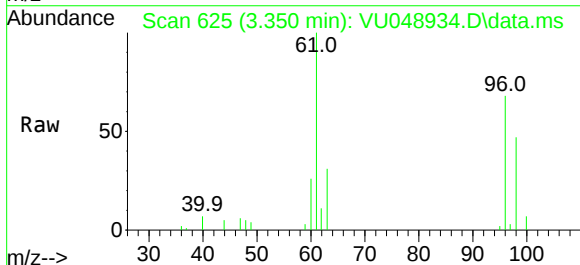
Tgt Ion: 96 Resp: 9868

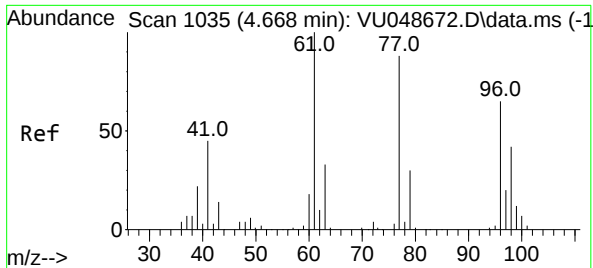
Ion Ratio Lower Upper

96 100

61 148.0 109.4 164.2

98 69.2 48.9 73.3

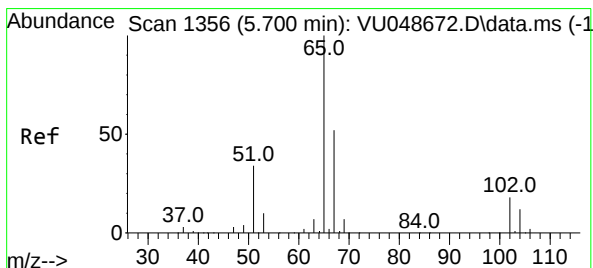
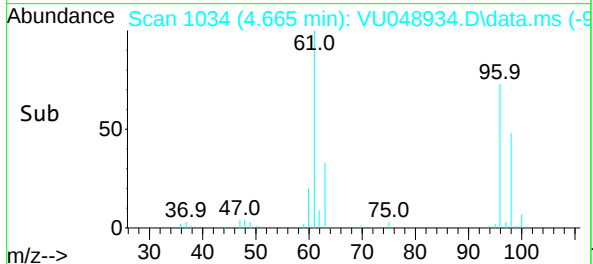
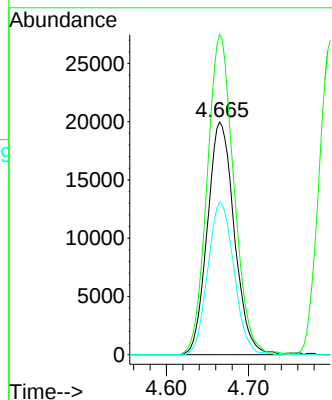
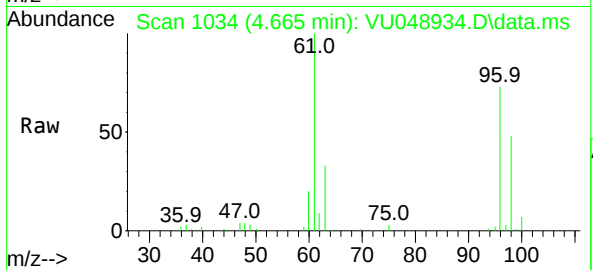




#27
 cis-1,2-Dichloroethene
 Concen: 13.484 ug/l
 RT: 4.665 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU048934.D
 Acq: 08 Jun 2022 01:26

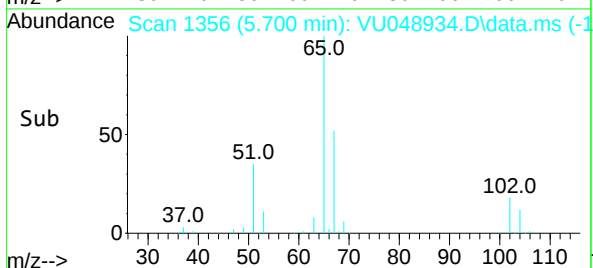
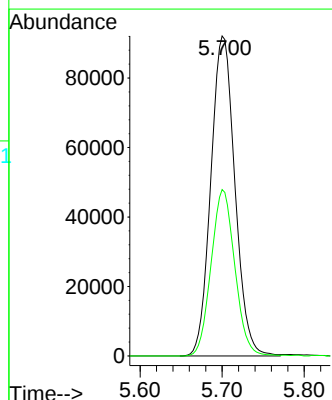
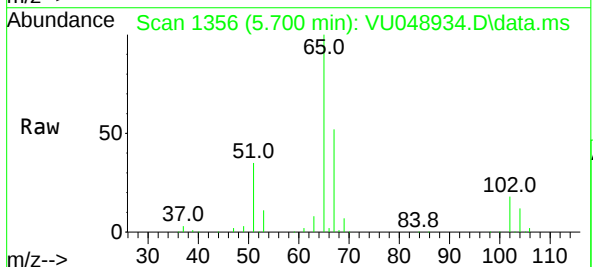
Instrument :
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 ClientSampleId :
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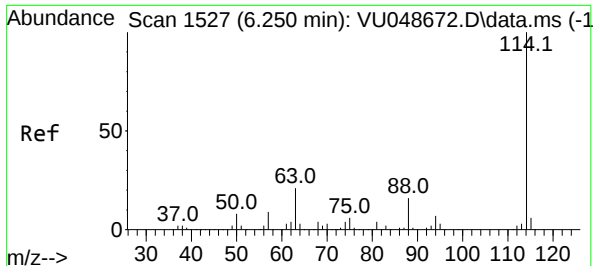
Tgt Ion: 96 Resp: 45470
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 306.2
 98 63.8 0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 50.052 ug/l
 RT: 5.700 min Scan# 1356
 Delta R.T. -0.000 min
 Lab File: VU048934.D
 Acq: 08 Jun 2022 01:26

Tgt Ion: 65 Resp: 188103
 Ion Ratio Lower Upper
 65 100
 67 51.1 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: VU048934.D

Acq: 08 Jun 2022 01:26

Instrument :

MSVOA_U

ClientSampleId :

40S-20220531

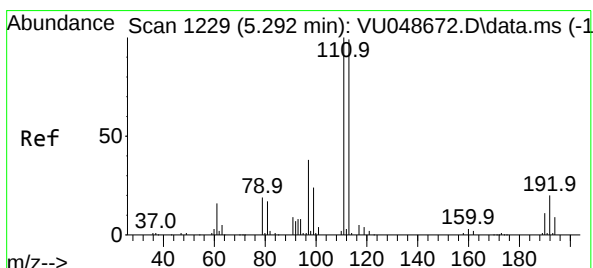
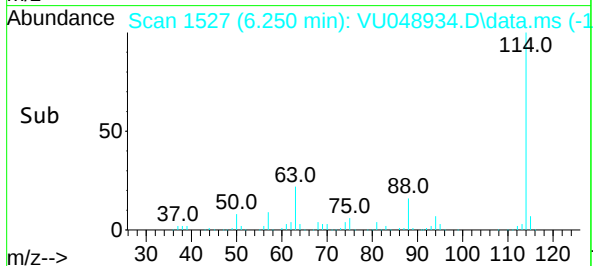
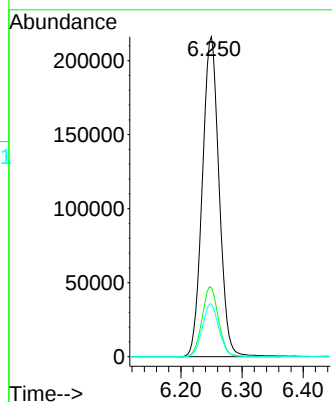
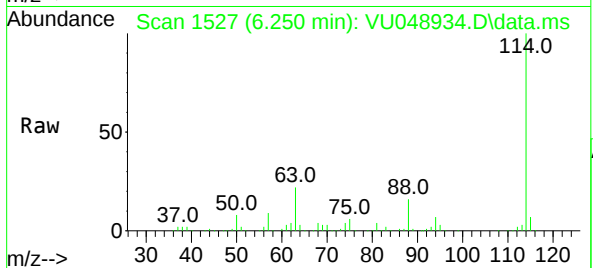
Tgt Ion:114 Resp: 411035

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.6

88 16.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.152 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048934.D

Acq: 08 Jun 2022 01:26

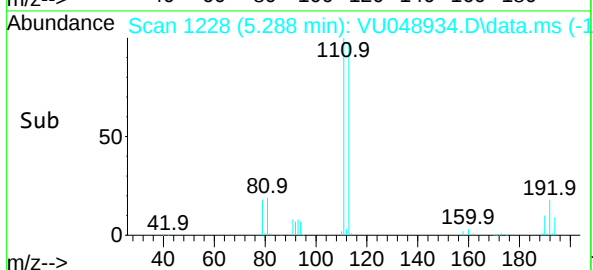
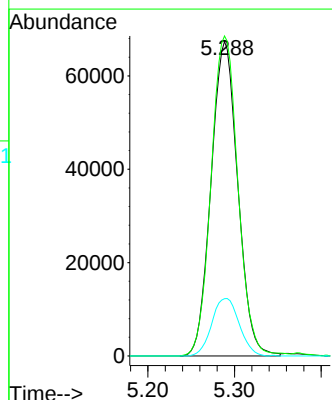
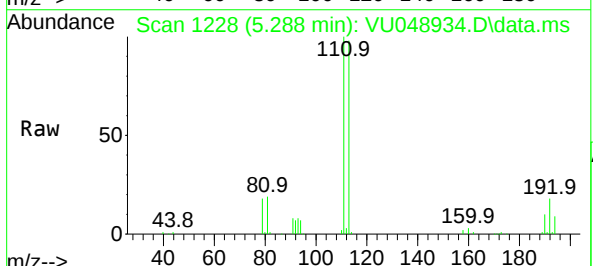
Tgt Ion:113 Resp: 144133

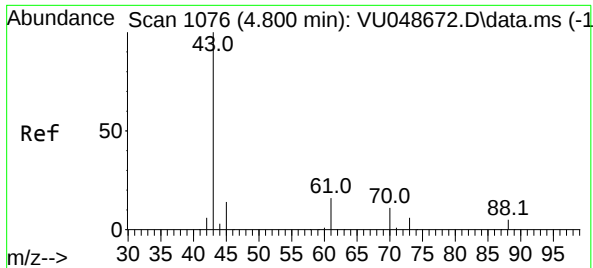
Ion Ratio Lower Upper

113 100

111 102.3 80.7 121.1

192 18.8 15.9 23.9

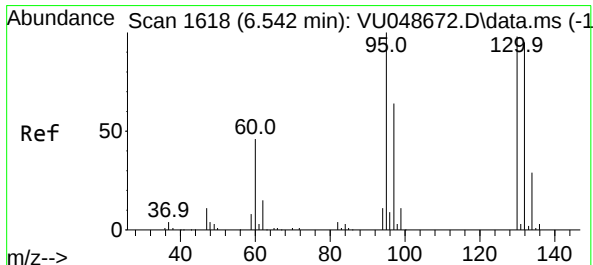
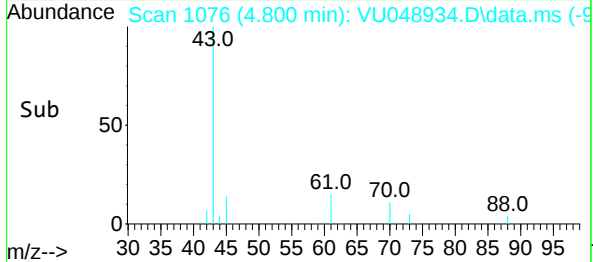
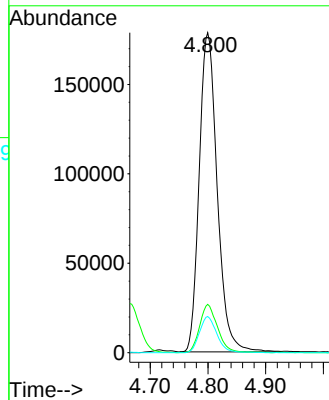
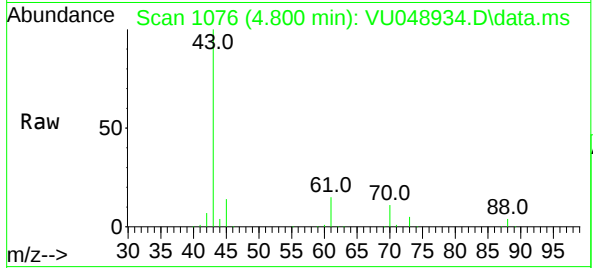




#37
Ethyl Acetate
Concen: 71.468 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VU048934.D
Acq: 08 Jun 2022 01:26

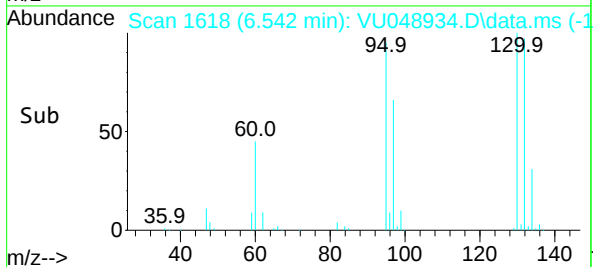
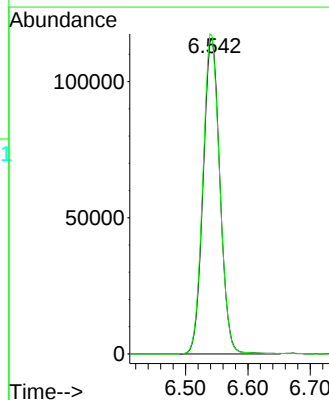
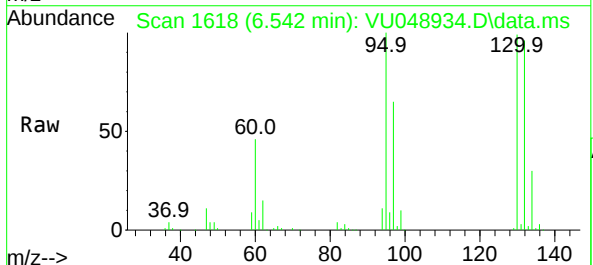
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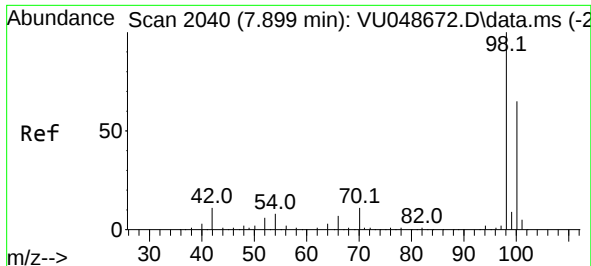
Tgt Ion: 43 Resp: 386674
Ion Ratio Lower Upper
43 100
61 15.0 11.7 17.5
70 11.0 8.4 12.6



#44
Trichloroethene
Concen: 66.709 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048934.D
Acq: 08 Jun 2022 01:26

Tgt Ion:130 Resp: 217155
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.8

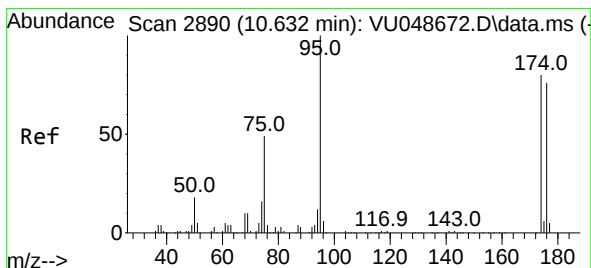
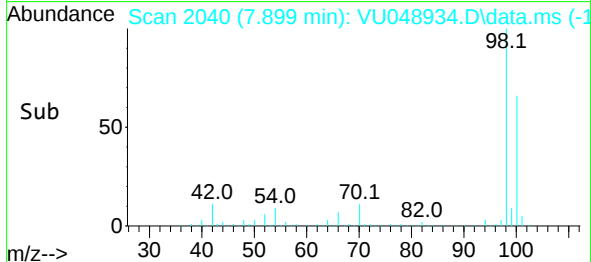
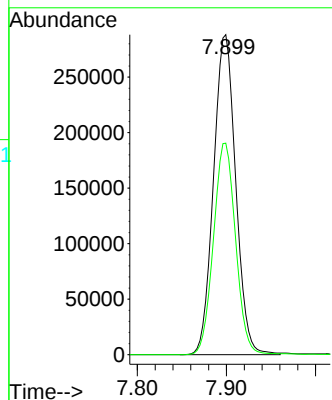
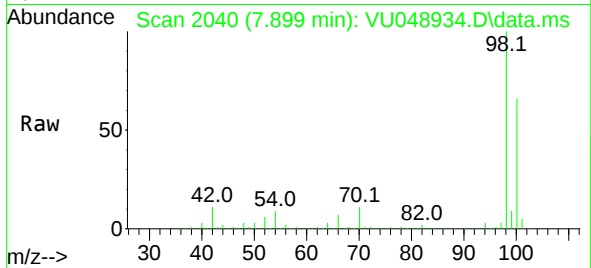




#50
Toluene-d8
Concen: 47.548 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048934.D
Acq: 08 Jun 2022 01:26

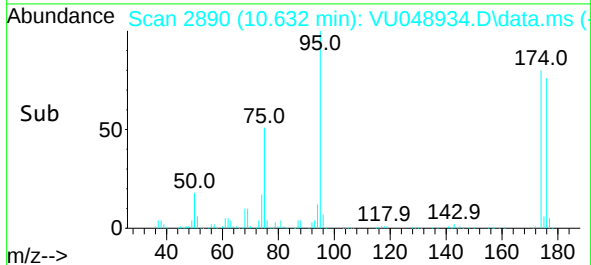
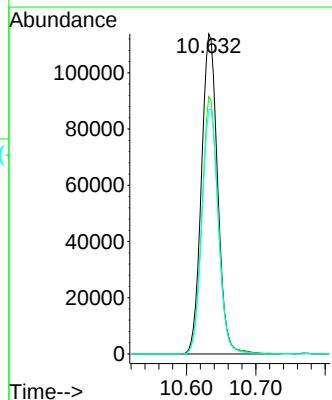
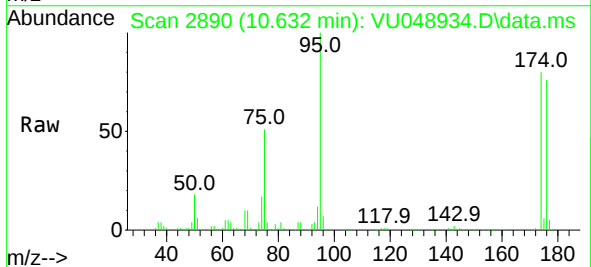
Instrument :
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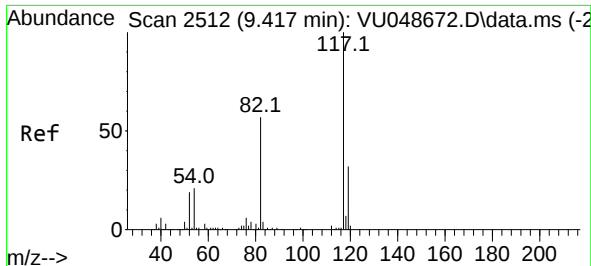
Tgt Ion: 98 Resp: 499804
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.473 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048934.D
Acq: 08 Jun 2022 01:26

Tgt Ion: 95 Resp: 184749
Ion Ratio Lower Upper
95 100
174 80.5 0.0 159.4
176 77.6 0.0 152.4

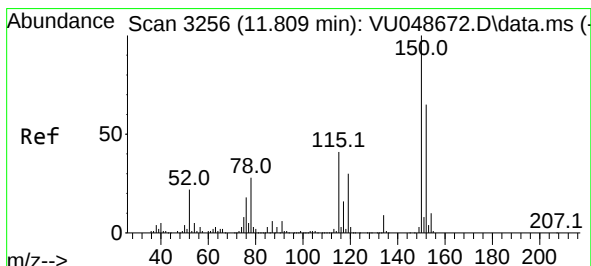
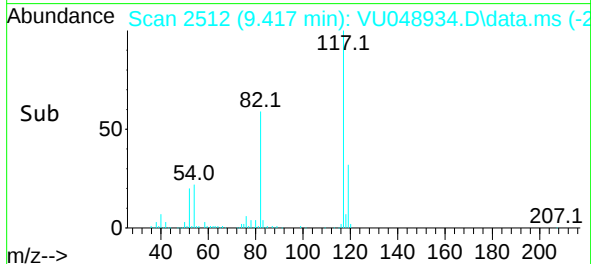
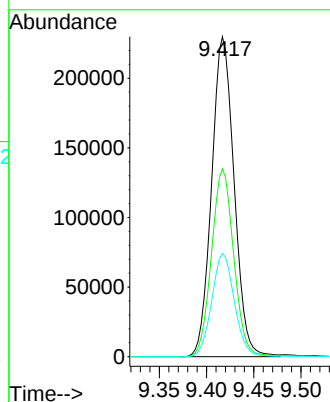
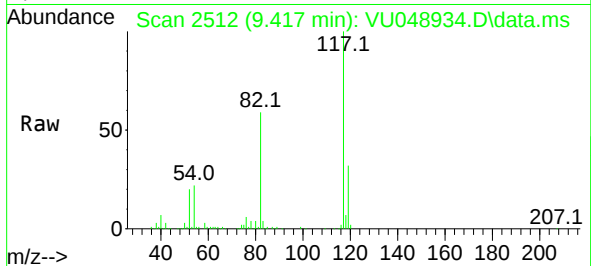




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048934.D
Acq: 08 Jun 2022 01:26

Instrument :
MSVOA_U
ClientSampleId :
40S-20220531

Tgt Ion:117 Resp: 380099
Ion Ratio Lower Upper
117 100
82 58.7 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# 3257
Delta R.T. 0.003 min
Lab File: VU048934.D
Acq: 08 Jun 2022 01:26

Tgt Ion:152 Resp: 167409
Ion Ratio Lower Upper
152 100
115 59.7 41.8 125.4
150 157.2 0.0 341.0

