

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045769.D
 Acq On : 12 Nov 2021 15:11
 Operator : SY/MD
 Sample : M4668-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:20:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

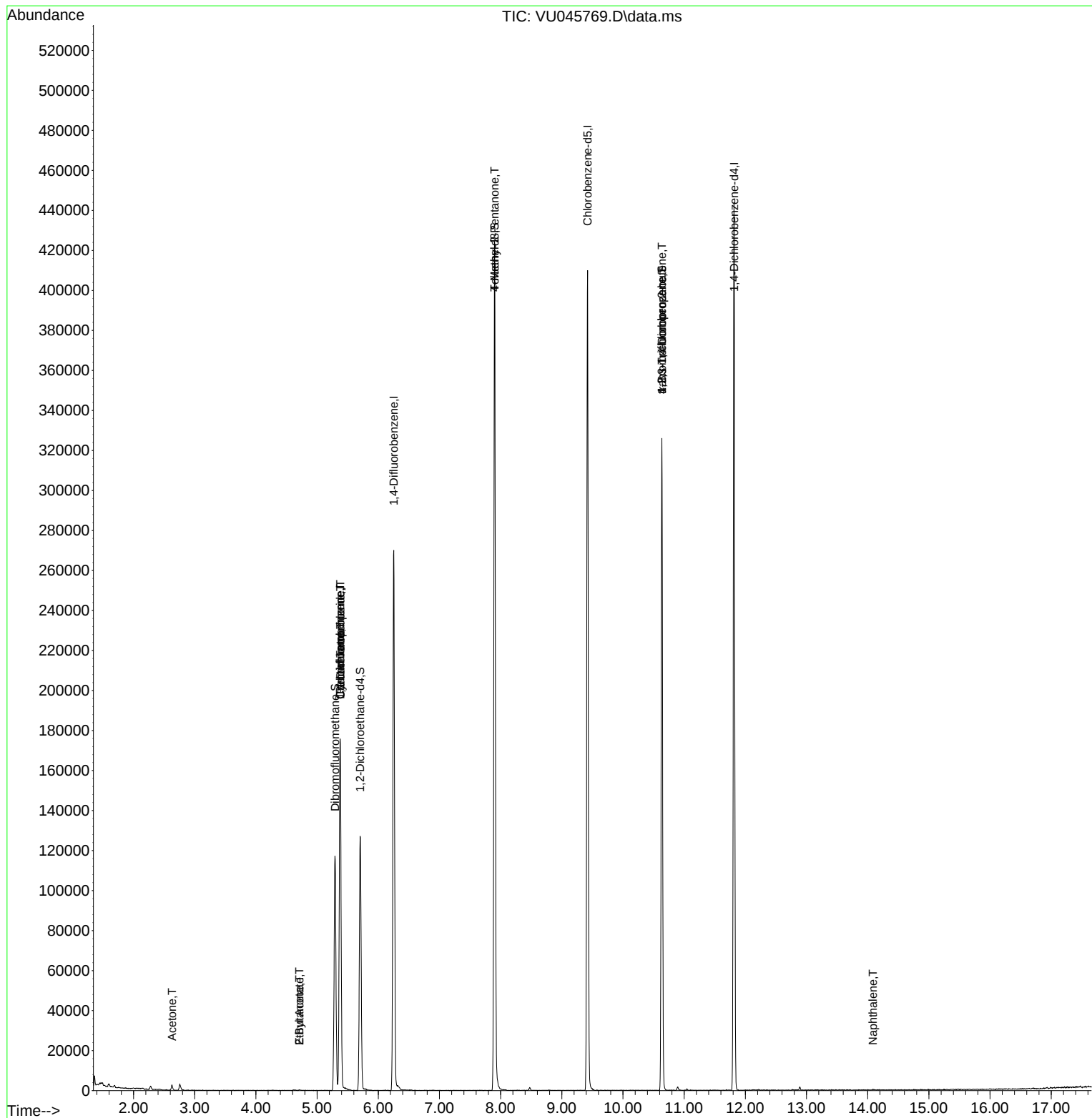
Internal Standards						
1) Pentafluorobenzene	5.375	168	114535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	213913	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	220968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	111830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	94233	54.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.880%			
35) Dibromofluoromethane	5.292	113	74999	52.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.020%			
50) Toluene-d8	7.903	98	282590	53.212	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.420%			
62) 4-Bromofluorobenzene	10.636	95	107428	50.446	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.900%			
Target Compounds						Qvalue
16) Acetone	2.630	43	2867	3.283	ug/l	97
25) 2-Butanone	4.710	43	515	0.425	ug/l #	47
31) Cyclohexane	5.379	56	2616	1.045	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	10333	4.954	ug/l #	49
37) Ethyl Acetate	4.710	43	515	0.215	ug/l #	67
38) Carbon Tetrachloride	5.379	117	12403	5.898	ug/l #	17
51) 4-Methyl-2-Pentanone	7.899	43	972	0.402	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	56247	16.586	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	56247	54.074	ug/l #	12
95) Naphthalene	14.083	128	98	1.039	ug/l #	69

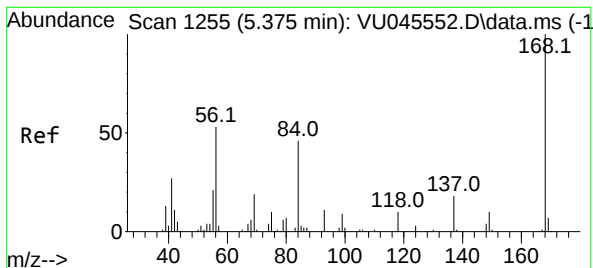
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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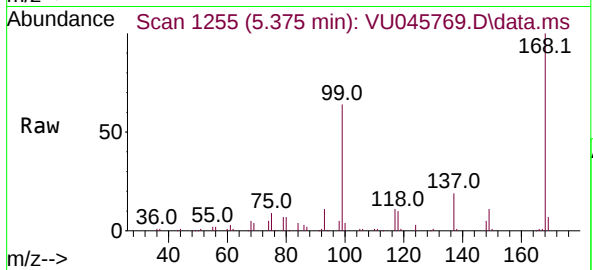
Quant Time: Nov 15 05:20:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



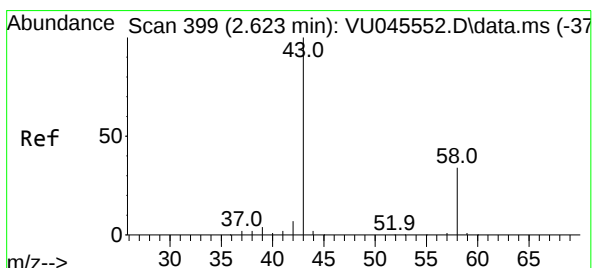
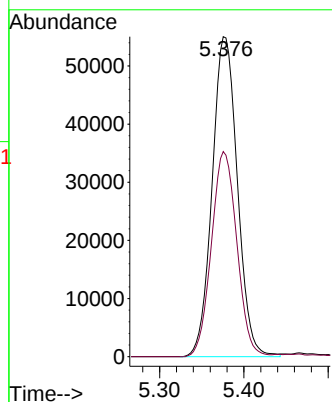
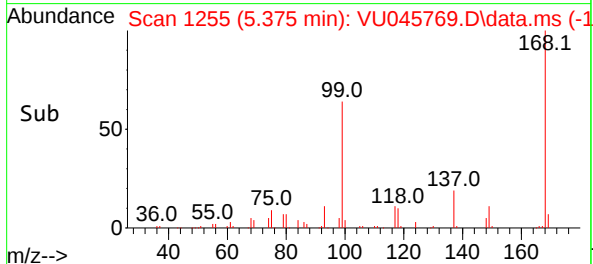


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045769.D
Acq: 12 Nov 2021 15:11

Instrument :
MSVOA_U
ClientSampleId :

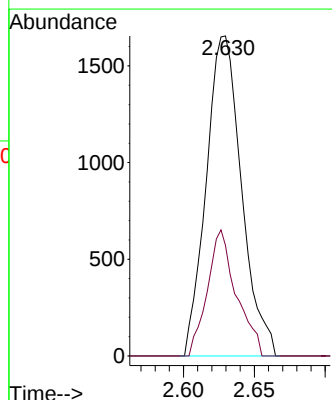
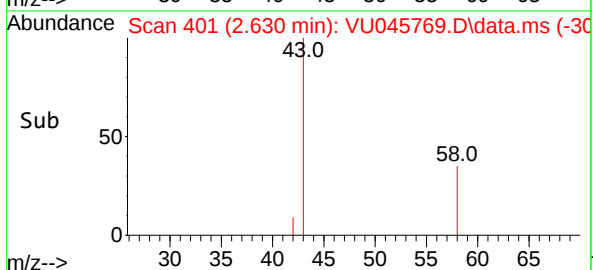
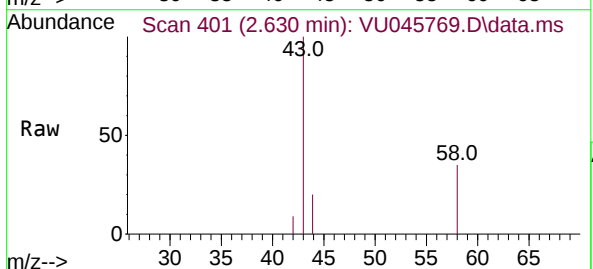


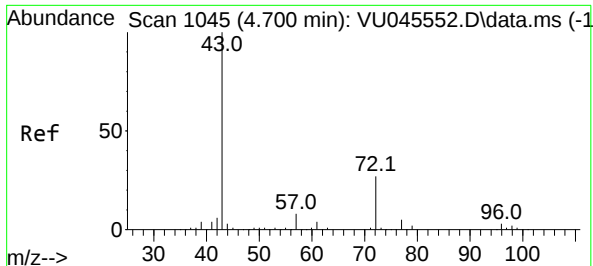
Tgt Ion:168 Resp: 114535
Ion Ratio Lower Upper
168 100
99 64.1 51.0 76.6



#16
Acetone
Concen: 3.283 ug/l
RT: 2.630 min Scan# 401
Delta R.T. 0.007 min
Lab File: VU045769.D
Acq: 12 Nov 2021 15:11

Tgt Ion: 43 Resp: 2867
Ion Ratio Lower Upper
43 100
58 34.6 26.2 39.2





#25

2-Butanone

Concen: 0.425 ug/l

RT: 4.710 min Scan# 1045

Delta R.T. 0.010 min

Lab File: VU045769.D

Acq: 12 Nov 2021 15:11

Instrument :

MSVOA_U

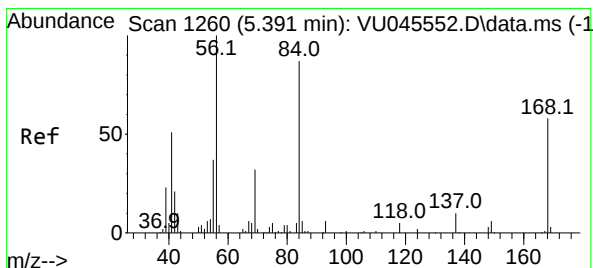
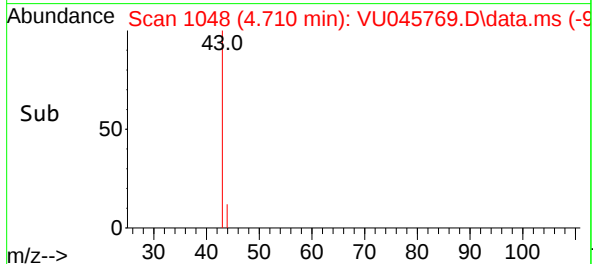
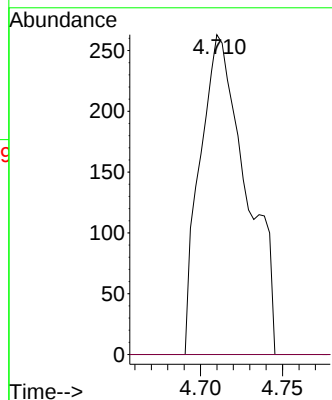
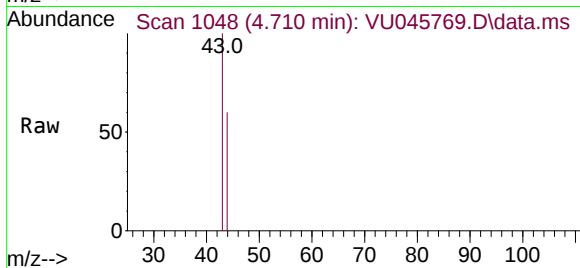
ClientSampleId :

Tgt Ion: 43 Resp: 515

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#31

Cyclohexane

Concen: 1.045 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.013 min

Lab File: VU045769.D

Acq: 12 Nov 2021 15:11

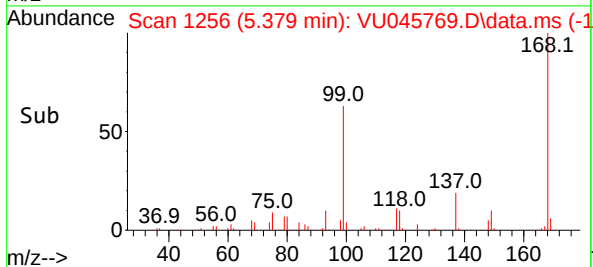
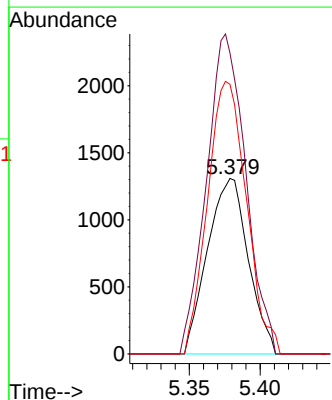
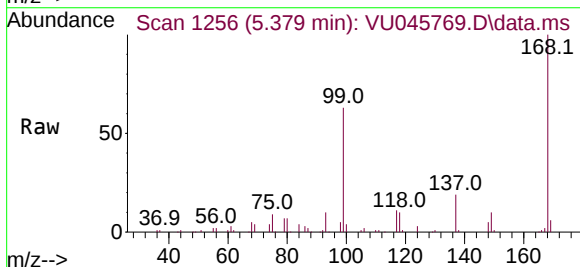
Tgt Ion: 56 Resp: 2616

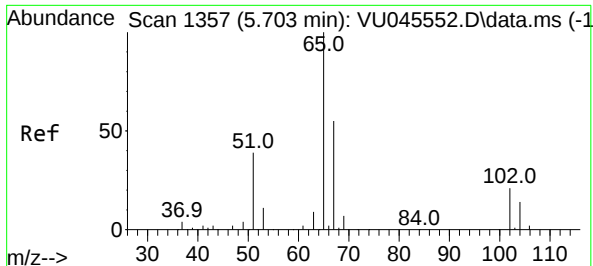
Ion Ratio Lower Upper

56 100

69 171.6 26.4 39.6#

84 153.7 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.937 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045769.D

Acq: 12 Nov 2021 15:11

Instrument :

MSVOA_U

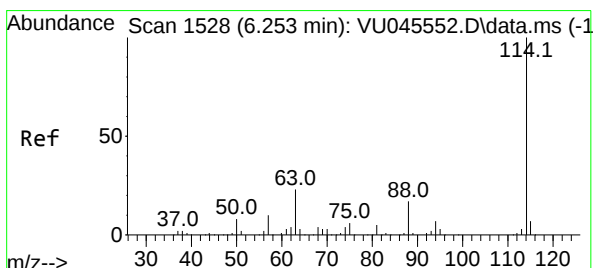
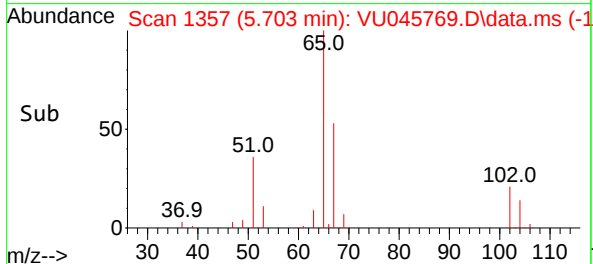
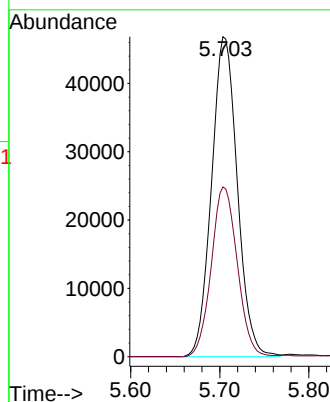
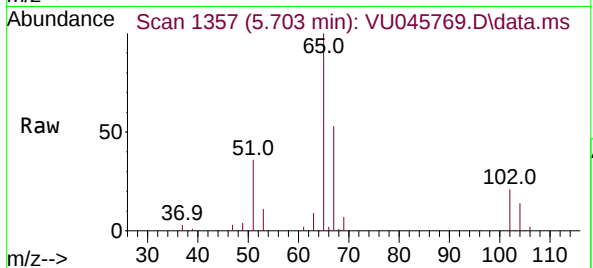
ClientSampleId :

Tgt Ion: 65 Resp: 94233

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045769.D

Acq: 12 Nov 2021 15:11

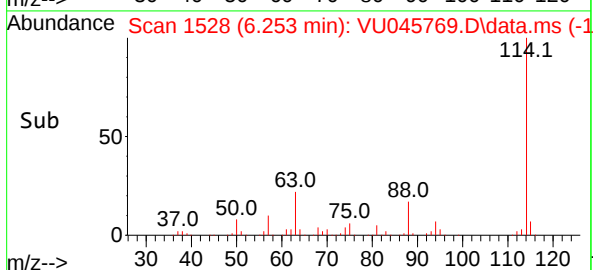
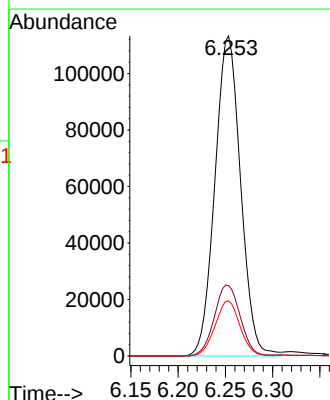
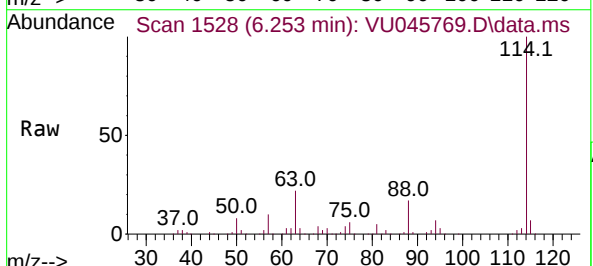
Tgt Ion: 114 Resp: 213913

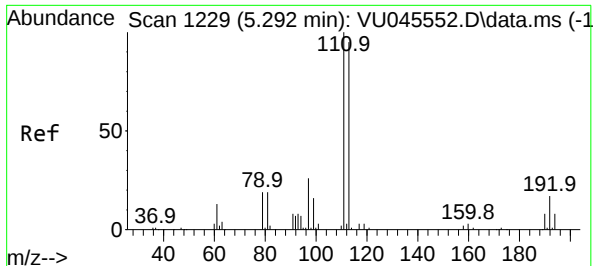
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

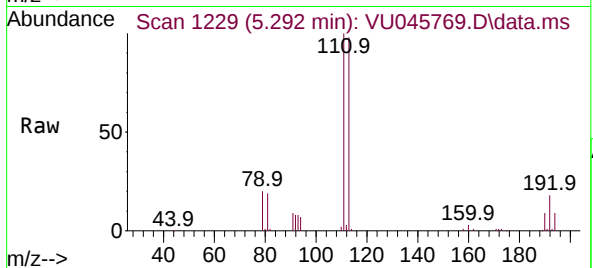
88 17.2 0.0 33.8



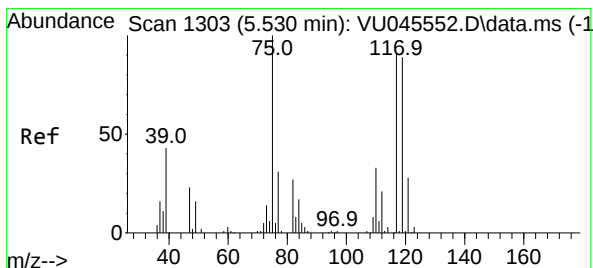
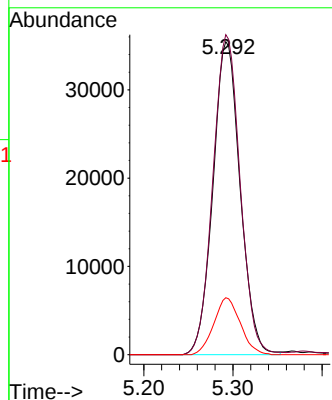
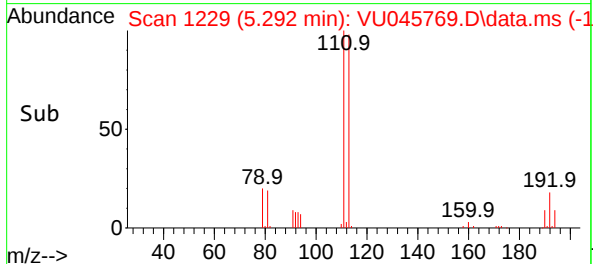


#35
Dibromofluoromethane
Concen: 52.514 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045769.D
Acq: 12 Nov 2021 15:11

Instrument :
MSVOA_U
ClientSampleId :

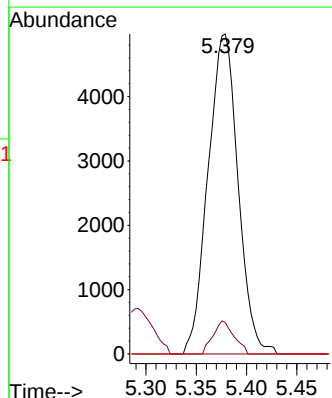
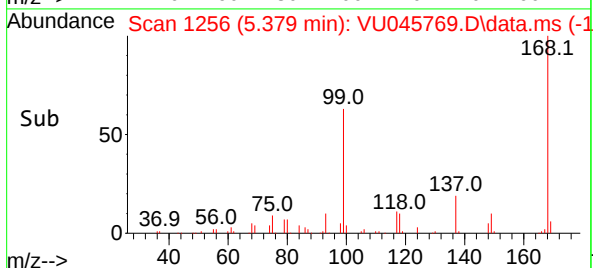
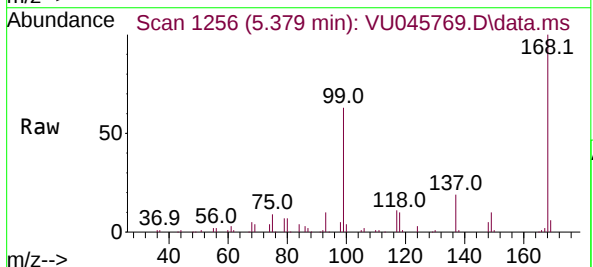


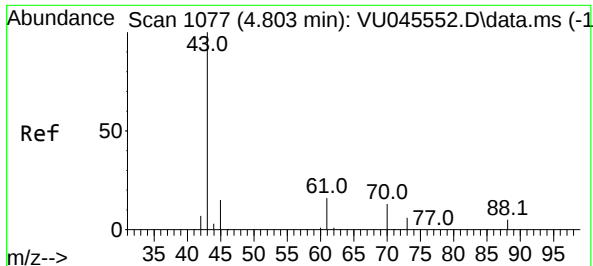
Tgt Ion:113 Resp: 74999
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 17.8 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045769.D
Acq: 12 Nov 2021 15:11

Tgt Ion: 75 Resp: 10333
Ion Ratio Lower Upper
75 100
110 7.2 16.7 50.0#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.215 ug/l

RT: 4.710 min Scan# 1

Delta R.T. -0.093 min

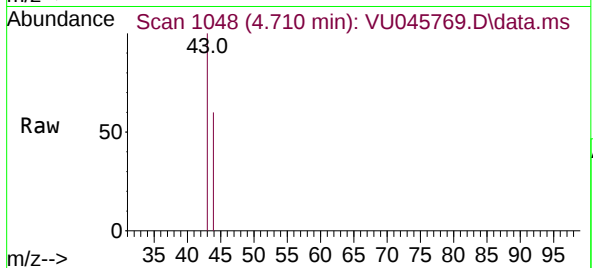
Lab File: VU045769.D

Acq: 12 Nov 2021 15:11

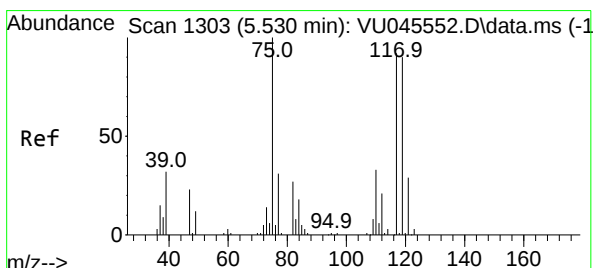
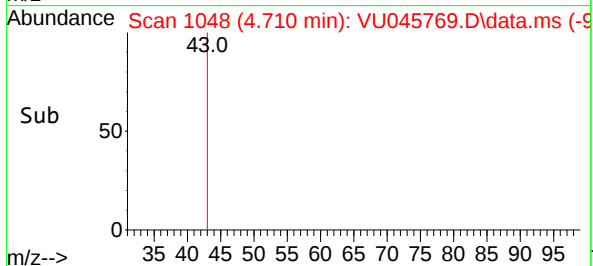
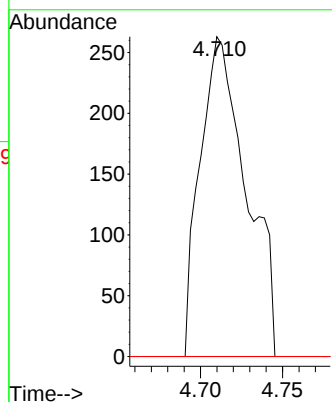
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43	Resp:	515
Ion	Ratio	Lower Upper
43	100	
61	0.0	11.6 17.4#
70	0.0	9.1 13.7#



#38

Carbon Tetrachloride

Concen: 5.898 ug/l

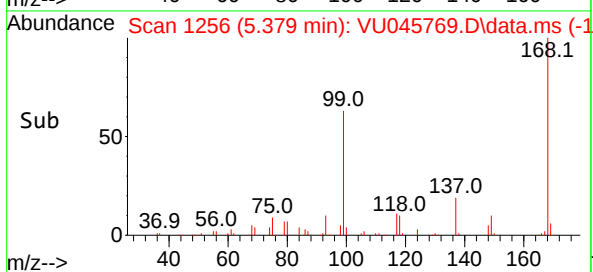
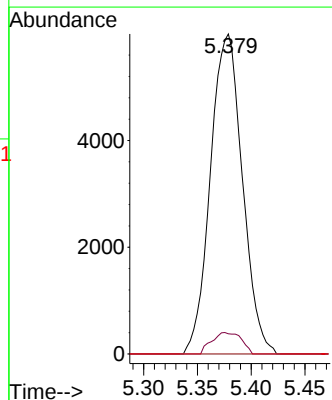
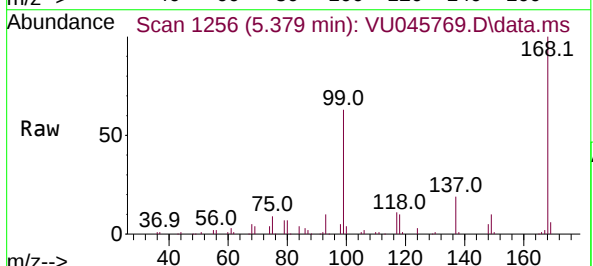
RT: 5.379 min Scan# 1256

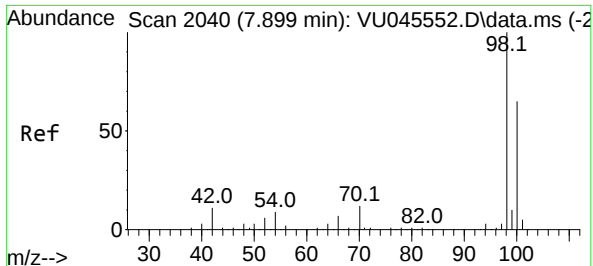
Delta R.T. -0.151 min

Lab File: VU045769.D

Acq: 12 Nov 2021 15:11

Tgt Ion: 117	Resp:	12403
Ion	Ratio	Lower Upper
117	100	
119	6.3	77.4 116.0#
121	0.0	24.8 37.2#





#50

Toluene-d8

Concen: 53.212 ug/l

RT: 7.903 min Scan# 2040

Delta R.T. 0.003 min

Lab File: VU045769.D

Acq: 12 Nov 2021 15:11

Instrument :

MSVOA_U

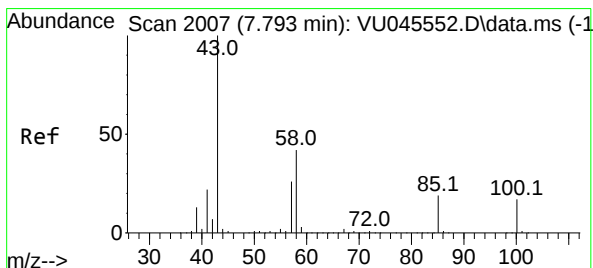
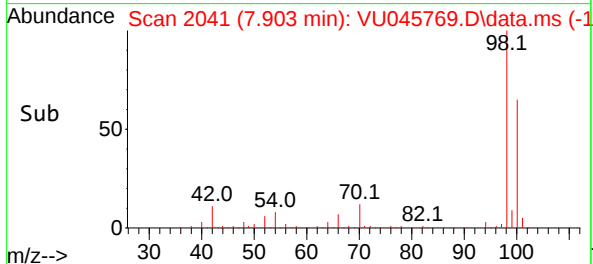
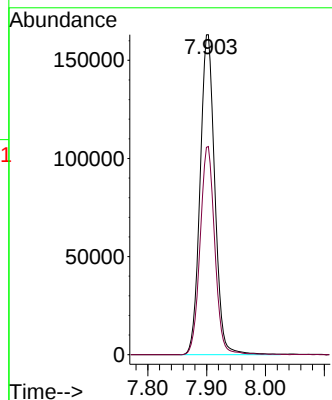
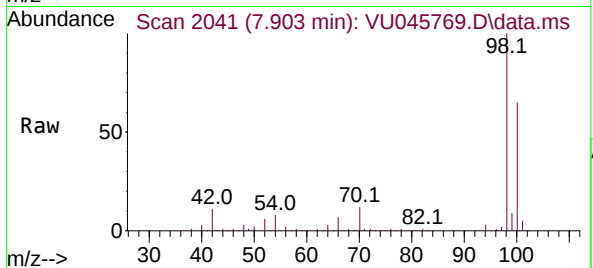
ClientSampleId :

Tgt Ion: 98 Resp: 282590

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.402 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.106 min

Lab File: VU045769.D

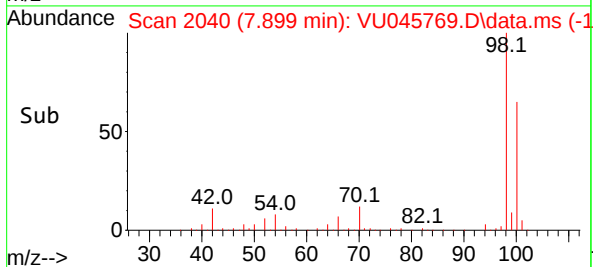
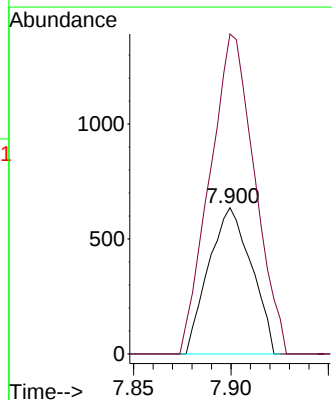
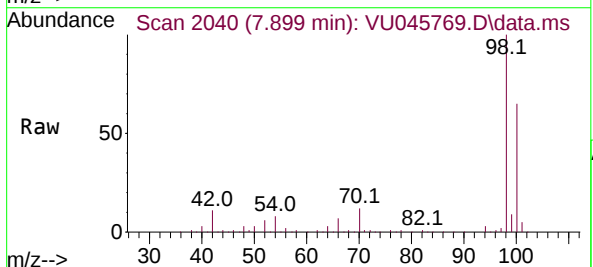
Acq: 12 Nov 2021 15:11

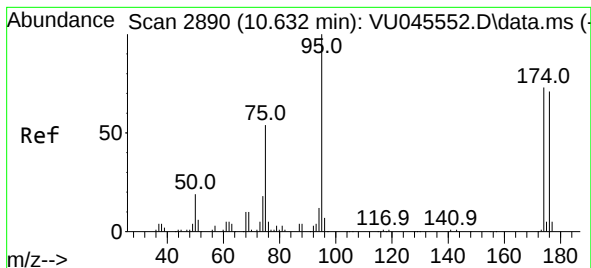
Tgt Ion: 43 Resp: 972

Ion Ratio Lower Upper

43 100

58 228.7 33.8 50.8#

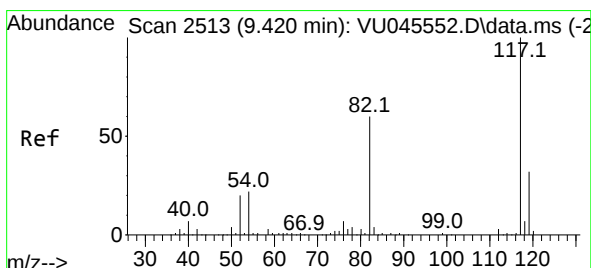
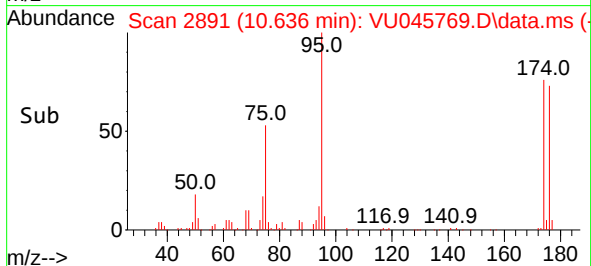
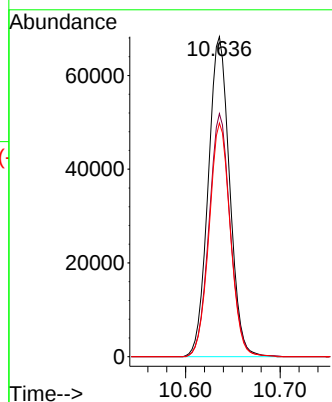
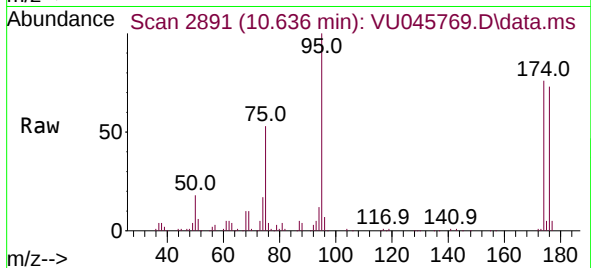




#62
4-Bromofluorobenzene
Concen: 50.446 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045769.D
Acq: 12 Nov 2021 15:11

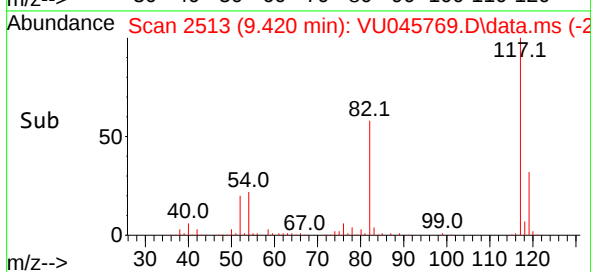
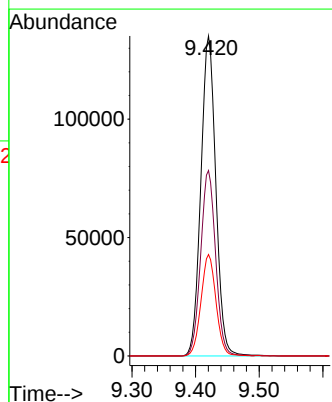
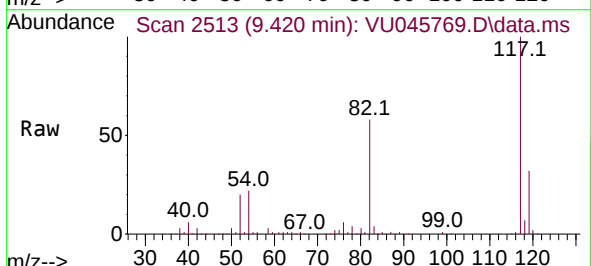
Instrument :
MSVOA_U
ClientSampleId :

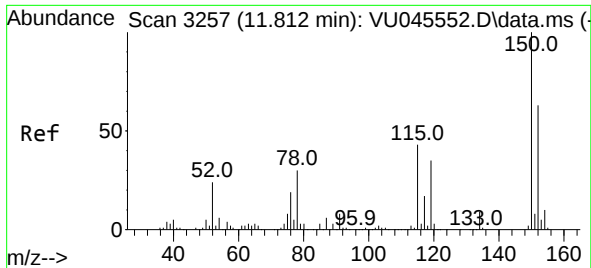
Tgt Ion: 95 Resp: 107428
Ion Ratio Lower Upper
95 100
174 75.3 0.0 141.8
176 72.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045769.D
Acq: 12 Nov 2021 15:11

Tgt Ion: 117 Resp: 220968
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 31.7 25.8 38.8

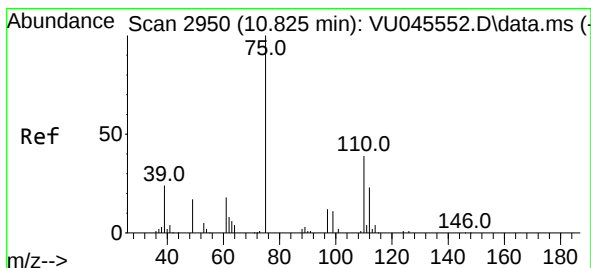
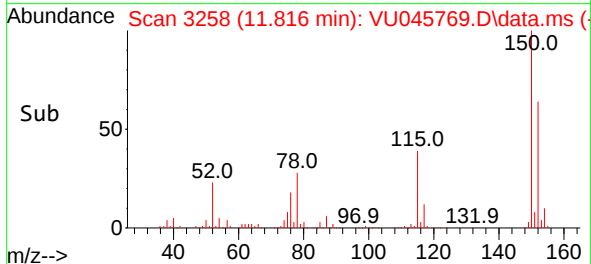
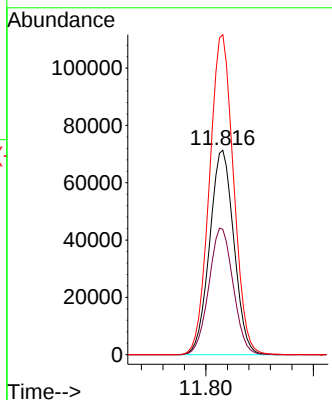
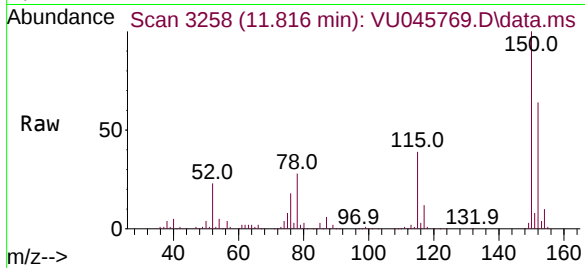




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045769.D
 Acq: 12 Nov 2021 15:11

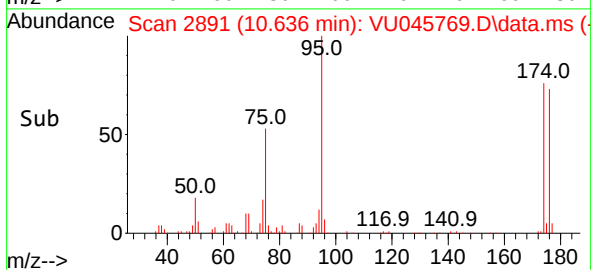
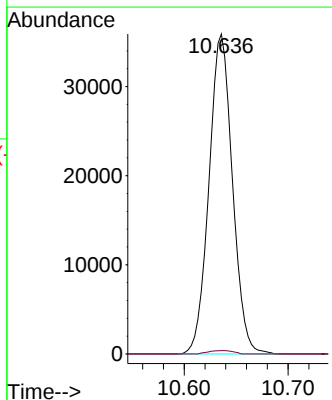
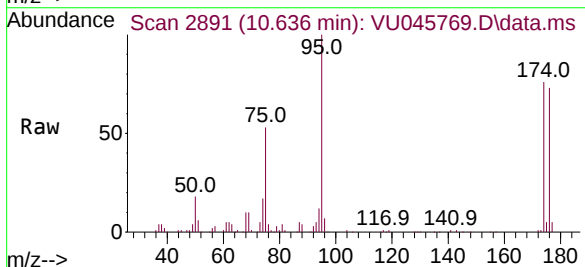
Instrument :
 MSVOA_U
 ClientSampleId :

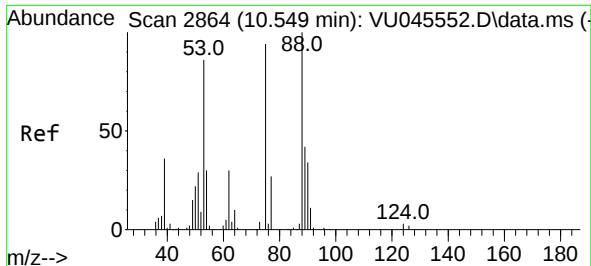
Tgt Ion:152 Resp: 111830
 Ion Ratio Lower Upper
 152 100
 115 62.1 42.7 128.1
 150 155.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.586 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.189 min
 Lab File: VU045769.D
 Acq: 12 Nov 2021 15:11

Tgt Ion: 75 Resp: 56247
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.1 51.3#

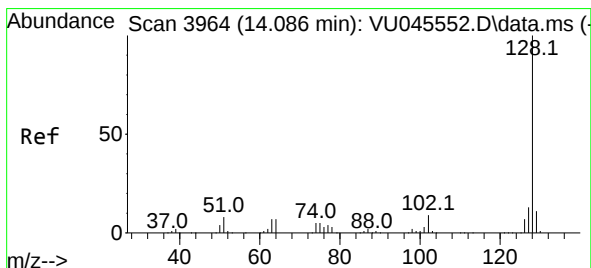
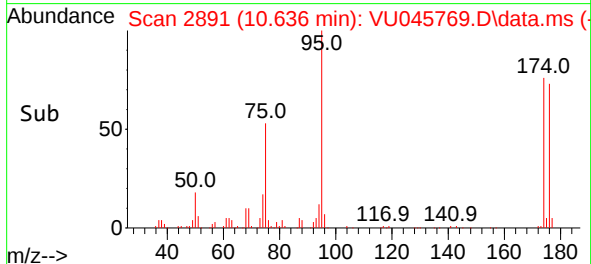
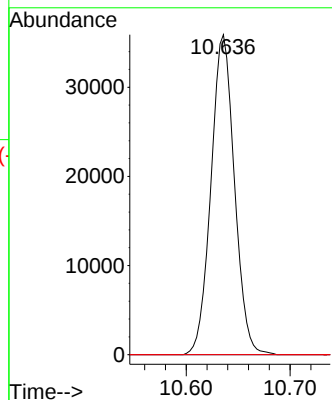
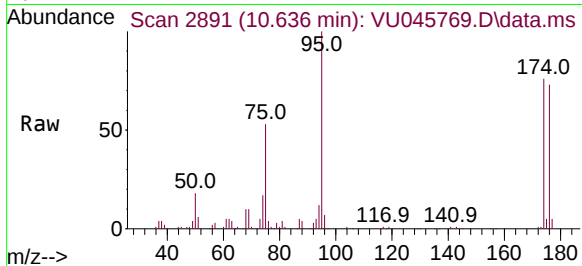




#81
trans-1,4-Dichloro-2-butene
Concen: 54.074 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045769.D
Acq: 12 Nov 2021 15:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 56247
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.039 ug/l
RT: 14.083 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU045769.D
Acq: 12 Nov 2021 15:11

Tgt Ion:128 Resp: 98
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

