

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045063.D
 Acq On : 01 Oct 2021 11:14
 Operator : SY/MD
 Sample : VU1001WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 02 03:09:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

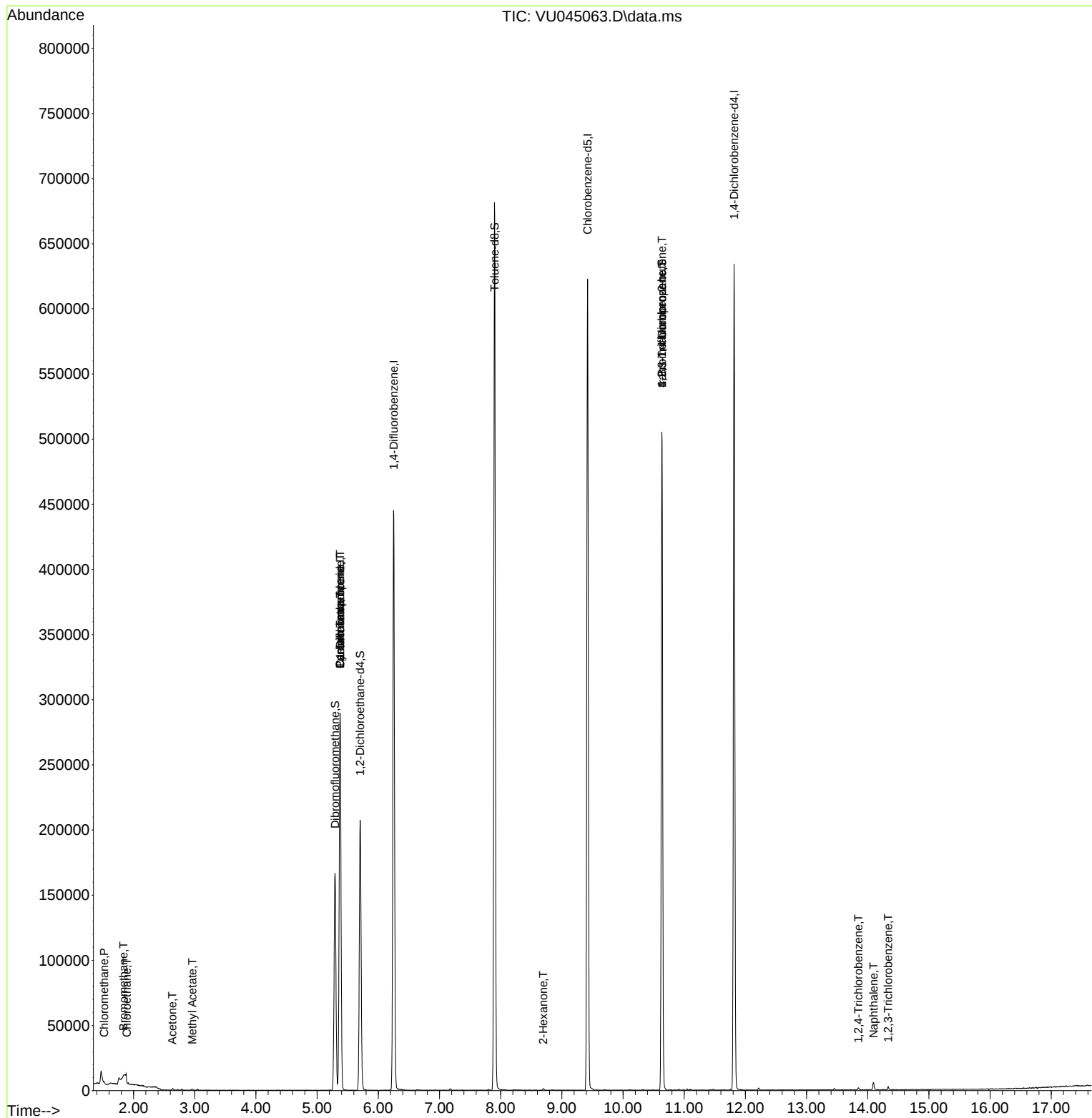
Internal Standards						
1) Pentafluorobenzene	5.375	168	188618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	343786	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	327233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	154684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	154653	49.256	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.520%
35) Dibromofluoromethane	5.292	113	107040	49.356	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.720%
50) Toluene-d8	7.899	98	433658	50.608	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.220%
62) 4-Bromofluorobenzene	10.636	95	168747	47.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	823	0.272	ug/l	96
5) Bromomethane	1.835	94	567	0.478	ug/l	87
6) Chloroethane	1.890	64	624	0.269	ug/l #	75
16) Acetone	2.636	43	1149	0.617	ug/l #	86
18) Methyl Acetate	2.961	43	1191	0.219	ug/l #	85
31) Cyclohexane	5.375	56	5012	1.051	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	17717	4.928	ug/l #	49
38) Carbon Tetrachloride	5.375	117	19790	6.361	ug/l #	15
59) 2-Hexanone	8.697	43	1006	0.237	ug/l	70
76) 1,2,3-Trichloropropane	10.636	75	92206	20.436	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	92206	56.715	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.848	180	619	0.204	ug/l	81
95) Naphthalene	14.095	128	5400	0.473	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.333	180	848	0.278	ug/l	88

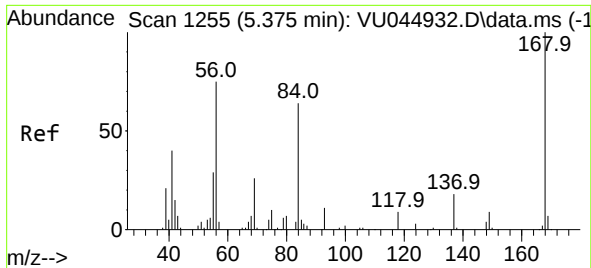
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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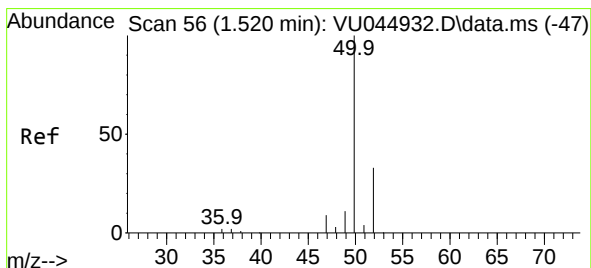
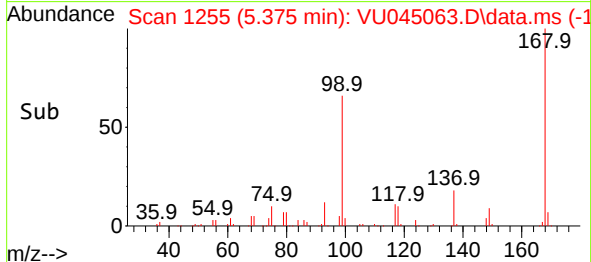
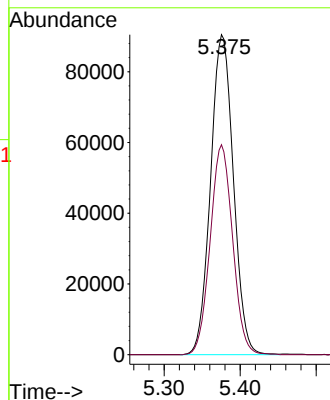
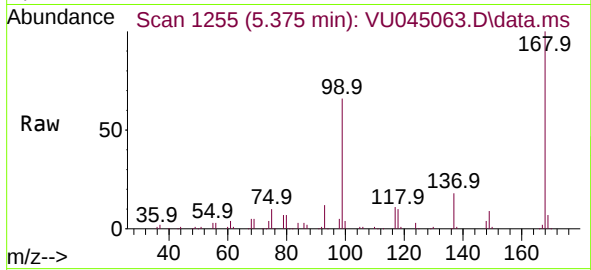




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

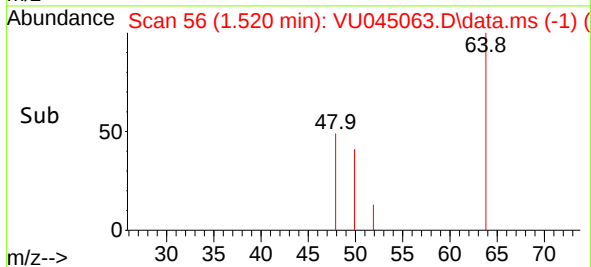
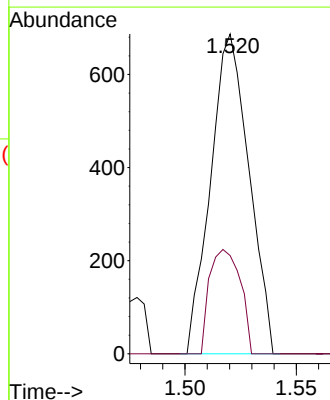
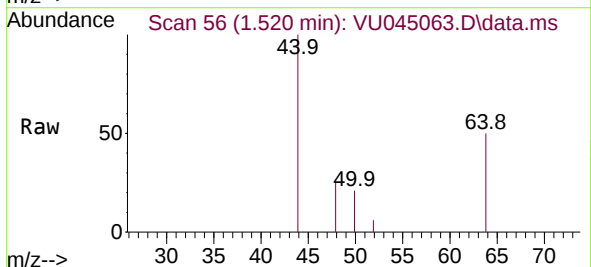
Instrument :
MSVOA_U
ClientSampled :

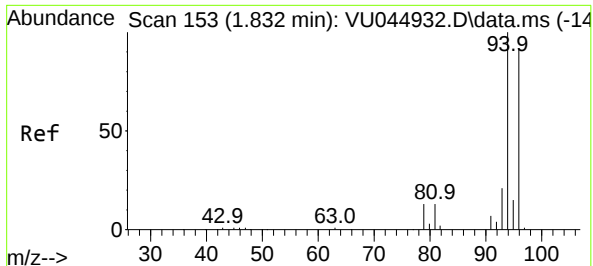
Tgt Ion:168 Resp: 188618
Ion Ratio Lower Upper
168 100
99 65.6 51.4 77.0



#3
Chloromethane
Concen: 0.272 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

Tgt Ion: 50 Resp: 823
Ion Ratio Lower Upper
50 100
52 30.7 26.3 39.5





#5

Bromomethane

Concen: 0.478 ug/l

RT: 1.835 min Scan# 154

Delta R.T. 0.003 min

Lab File: VU045063.D

Acq: 01 Oct 2021 11:14

Tgt Ion: 94 Resp: 567

Ion Ratio Lower Upper

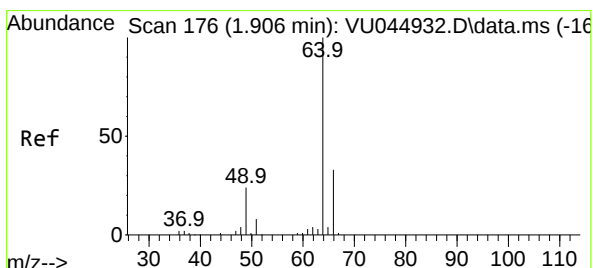
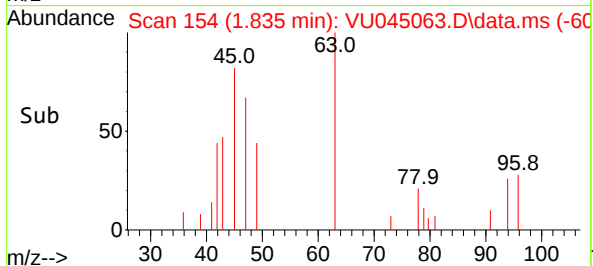
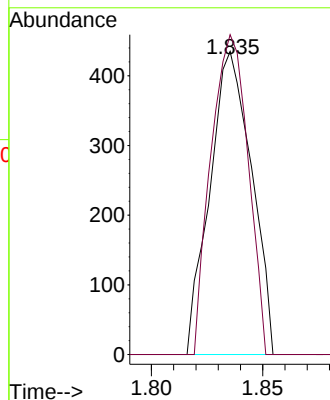
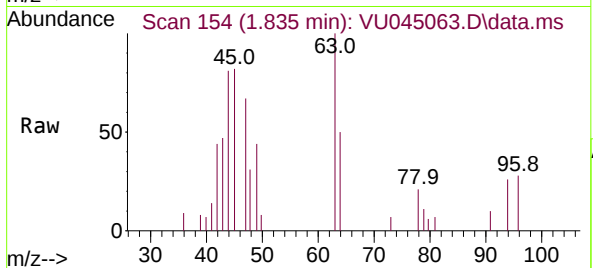
94 100

96 105.5 74.5 111.7

Instrument :

MSVOA_U

ClientSampled :



#6

Chloroethane

Concen: 0.269 ug/l

RT: 1.890 min Scan# 171

Delta R.T. -0.016 min

Lab File: VU045063.D

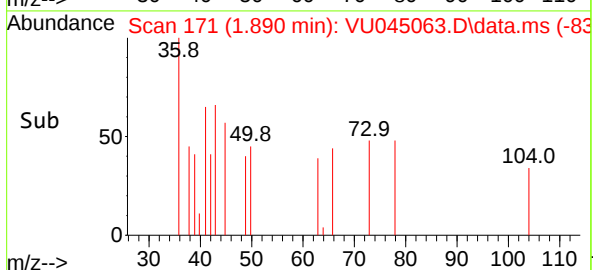
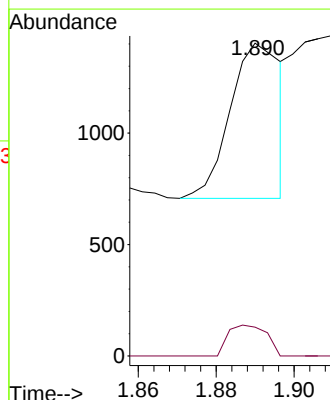
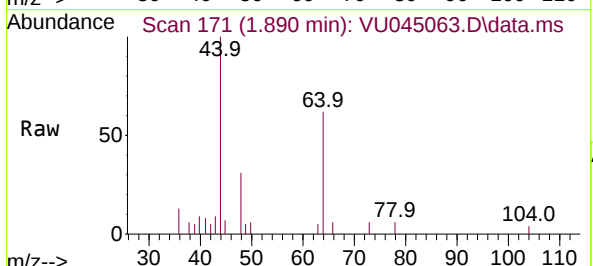
Acq: 01 Oct 2021 11:14

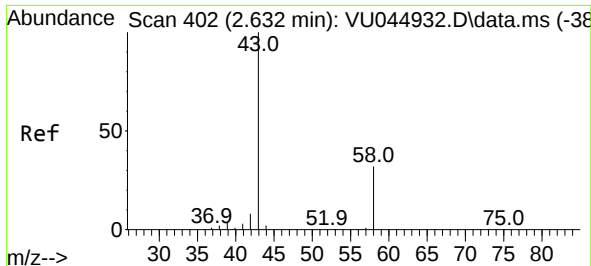
Tgt Ion: 64 Resp: 624

Ion Ratio Lower Upper

64 100

66 18.5 25.8 38.8#

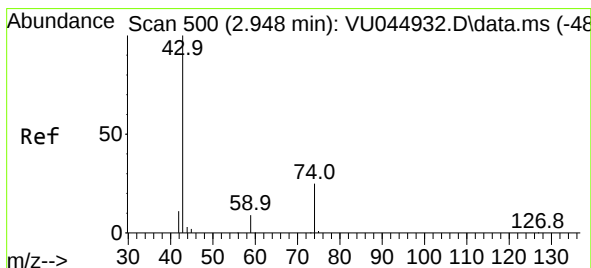
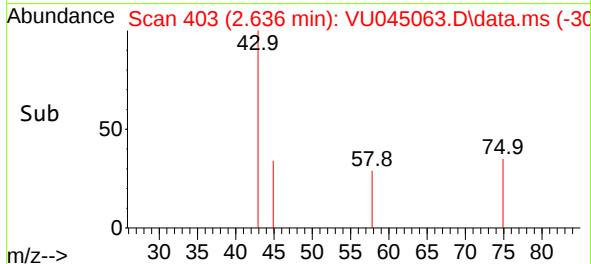
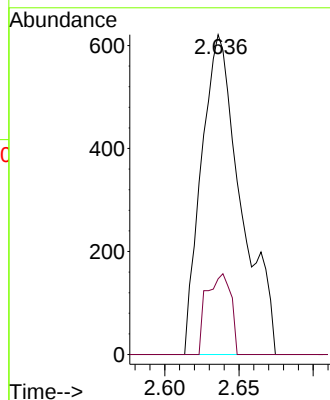
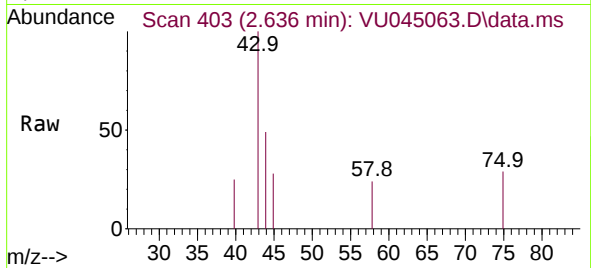




#16
Acetone
Concen: 0.617 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

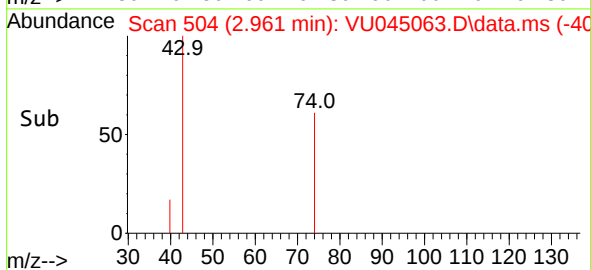
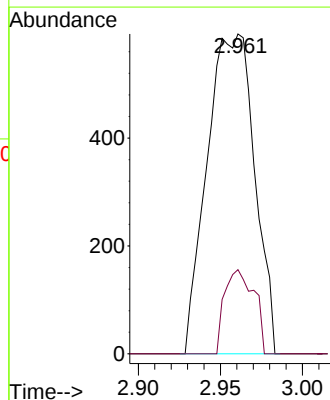
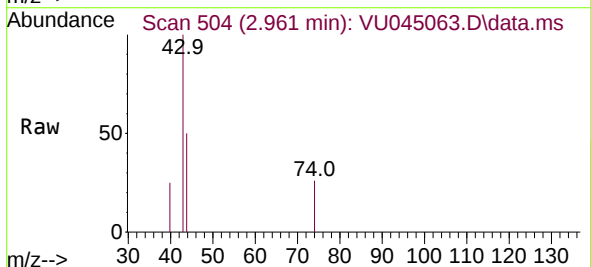
Instrument :
MSVOA_U
ClientSampled :

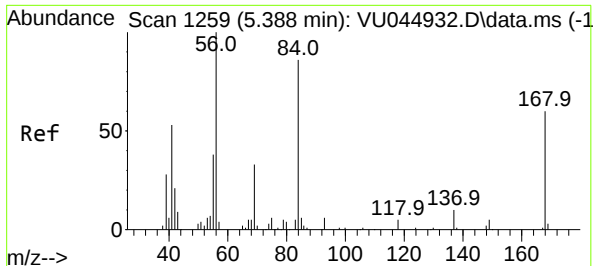
Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
58 23.7 25.2 37.8#



#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

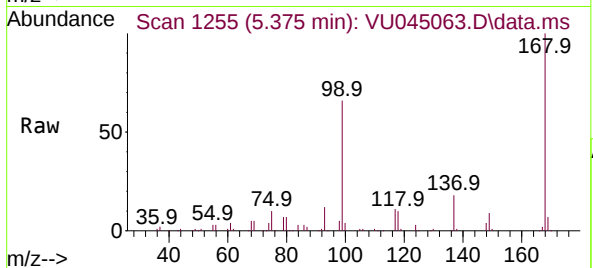
Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
74 16.4 19.0 28.6#



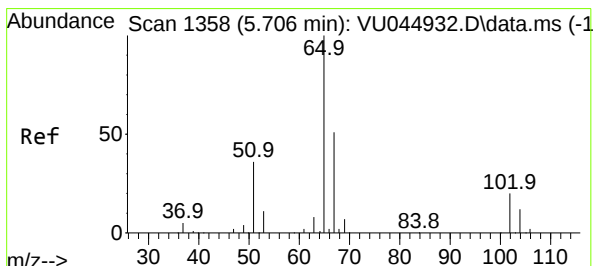
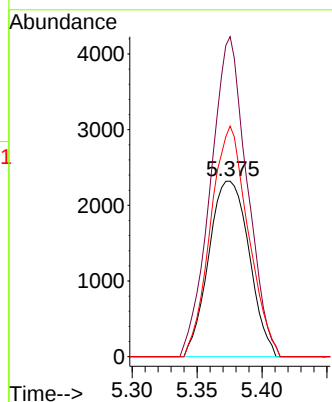
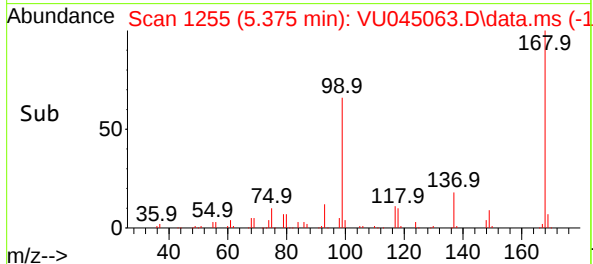


#31
Cyclohexane
Concen: 1.051 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.013 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

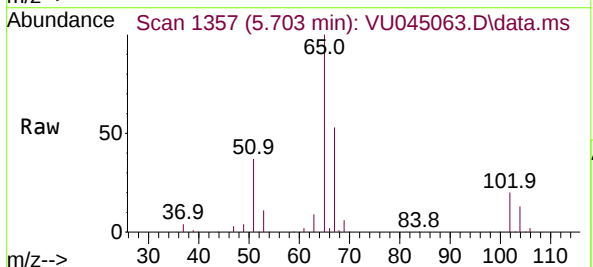
Instrument :
MSVOA_U
ClientSampleId :



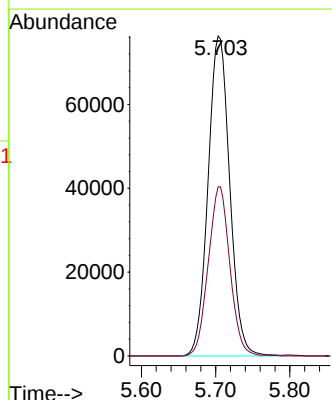
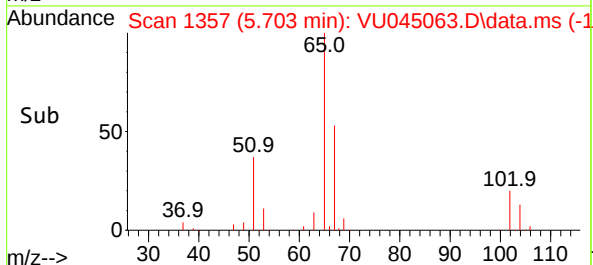
Tgt Ion: 56 Resp: 5012
Ion Ratio Lower Upper
56 100
69 182.3 25.2 37.8#
84 131.4 66.4 99.6#

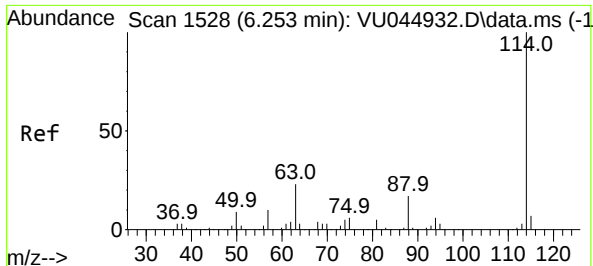


#33
1,2-Dichloroethane-d4
Concen: 49.256 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14



Tgt Ion: 65 Resp: 154653
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045063.D

Acq: 01 Oct 2021 11:14

Tgt Ion:114 Resp: 343786

Ion Ratio Lower Upper

114 100

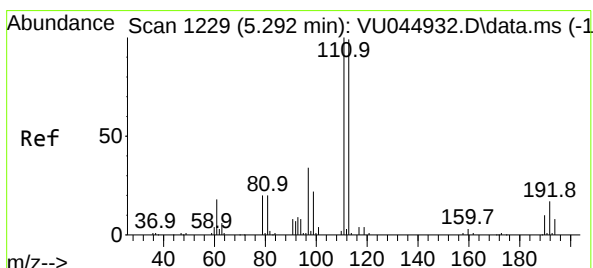
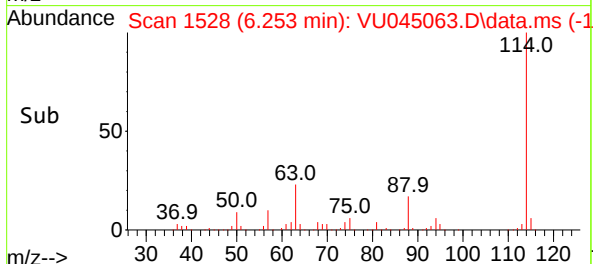
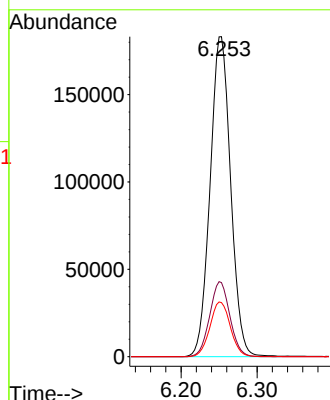
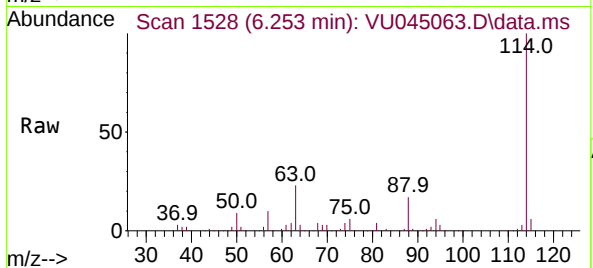
63 23.2 0.0 47.8

88 16.9 0.0 32.8

Instrument :

MSVOA_U

ClientSampled :



#35

Dibromofluoromethane

Concen: 49.356 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045063.D

Acq: 01 Oct 2021 11:14

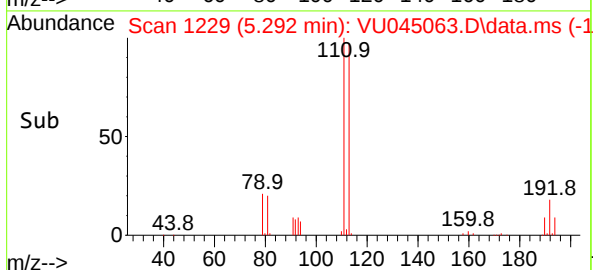
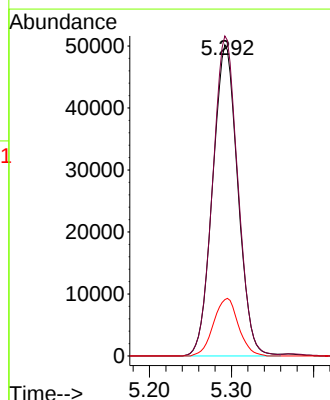
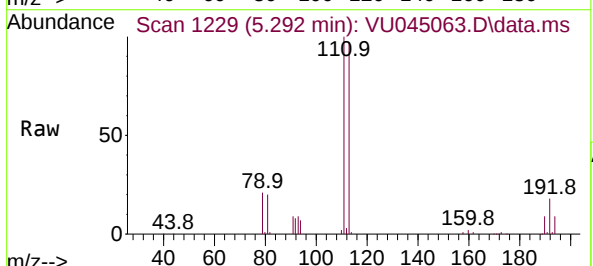
Tgt Ion:113 Resp: 107040

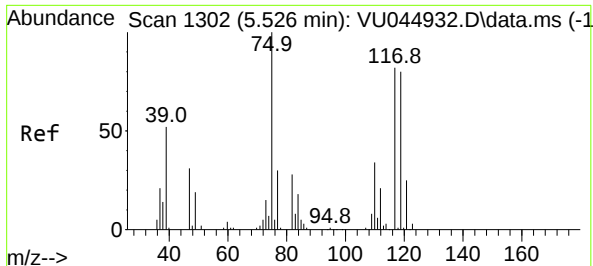
Ion Ratio Lower Upper

113 100

111 102.6 84.1 126.1

192 18.3 14.8 22.2



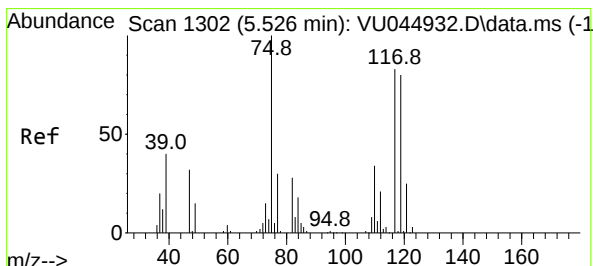
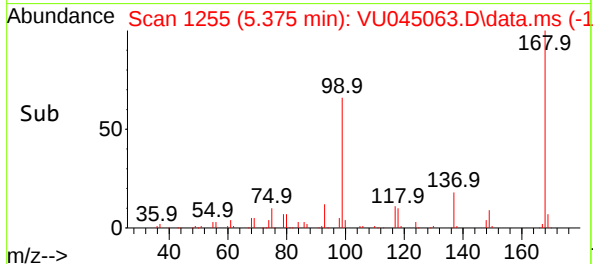
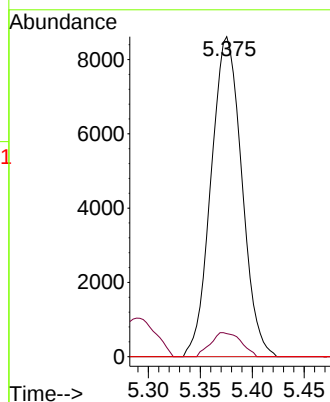
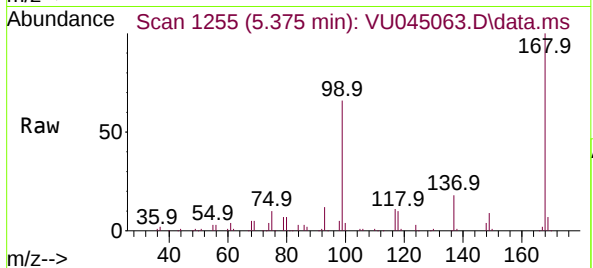


#36

1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.151 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

Instrument :
MSVOA_U
ClientSampled :

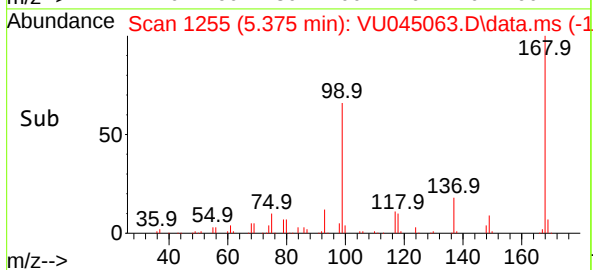
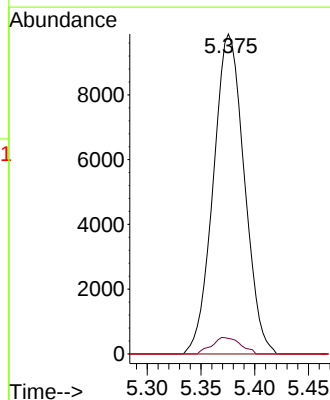
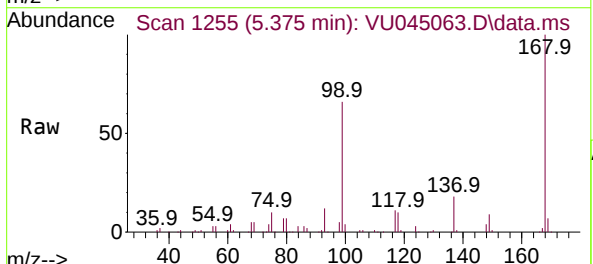
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.3	48.9#
77	0.0	25.0	37.4#

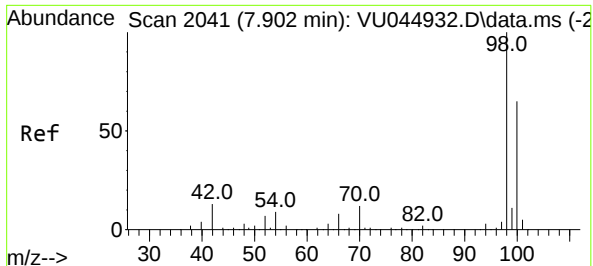


#38

Carbon Tetrachloride
Concen: 6.361 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.151 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.2#
121	0.0	24.5	36.7#

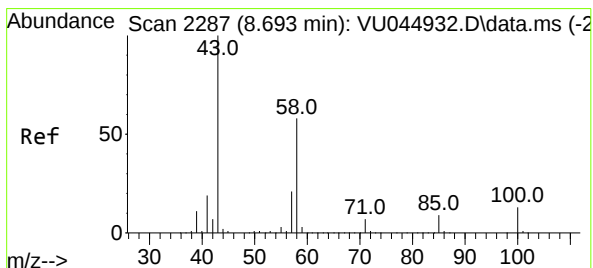
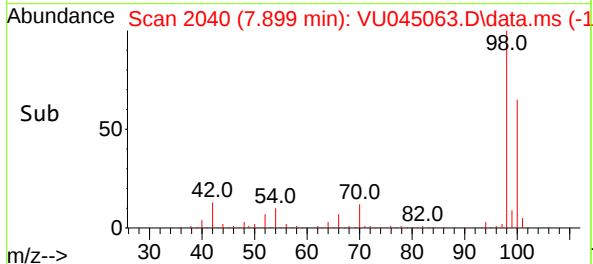
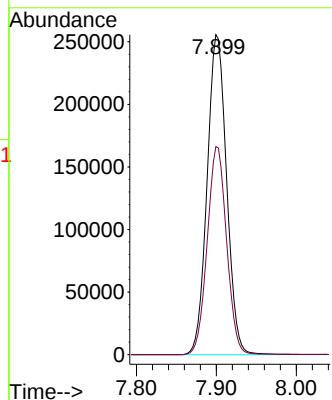
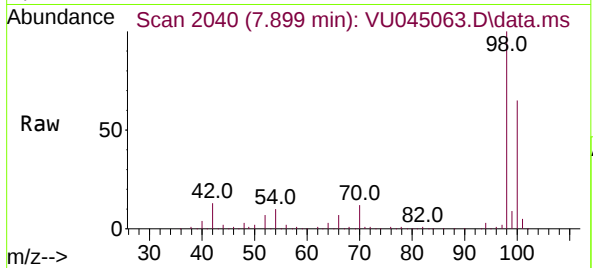




#50
Toluene-d8
Concen: 50.608 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

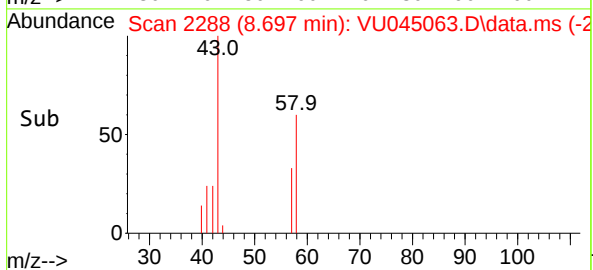
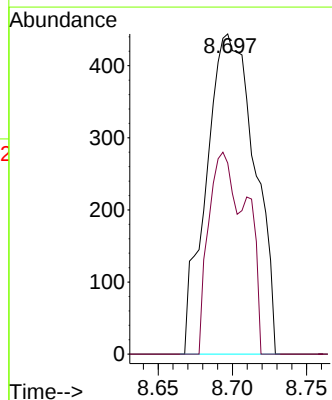
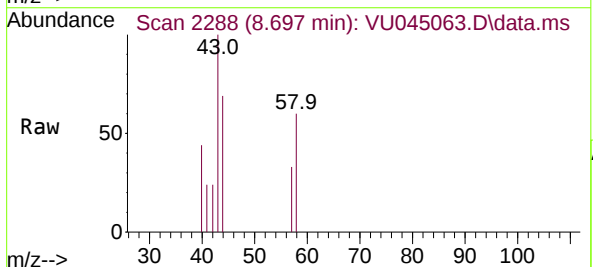
Instrument :
MSVOA_U
ClientSampled :

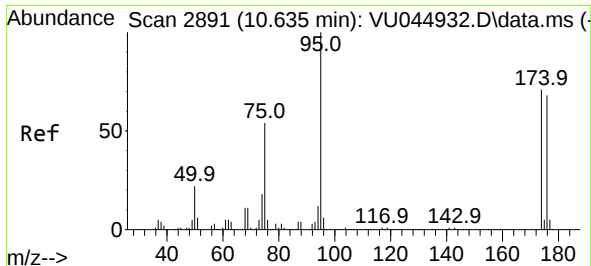
Tgt Ion: 98 Resp: 433658
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#59
2-Hexanone
Concen: 0.237 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.004 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 34.2 28.0 84.0

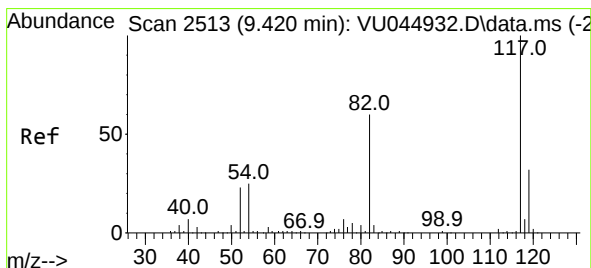
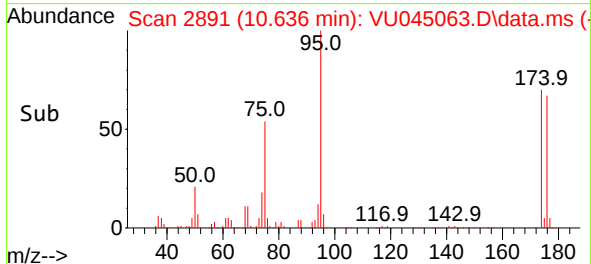
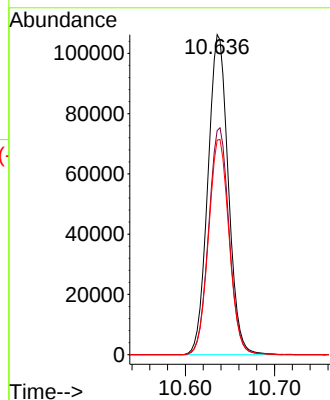
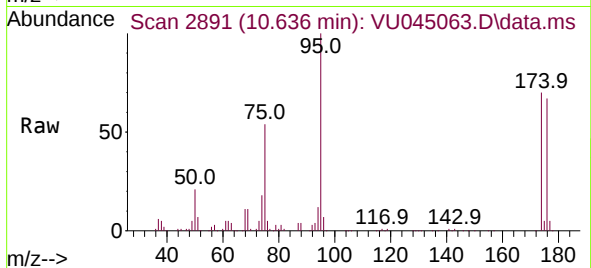




#62
4-Bromofluorobenzene
Concen: 47.699 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

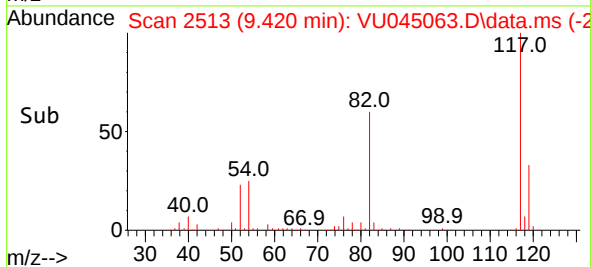
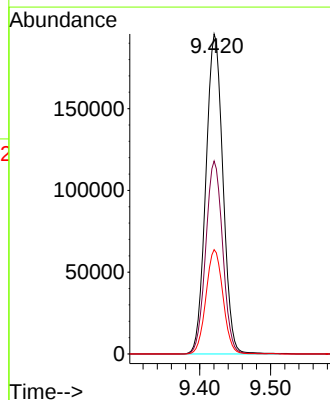
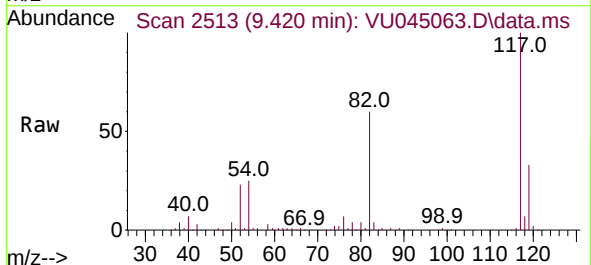
Instrument :
MSVOA_U
ClientSampleId :

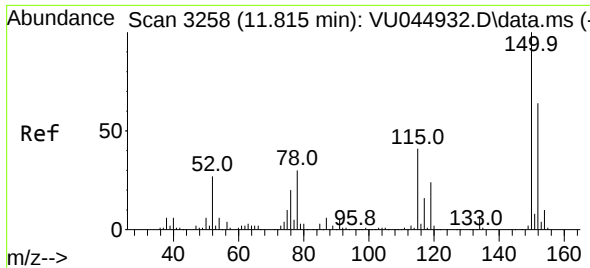
Tgt Ion: 95 Resp: 168747
Ion Ratio Lower Upper
95 100
174 71.3 0.0 146.6
176 67.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

Tgt Ion: 117 Resp: 327233
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 32.6 25.8 38.6

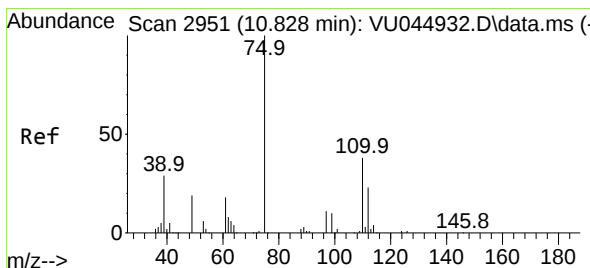
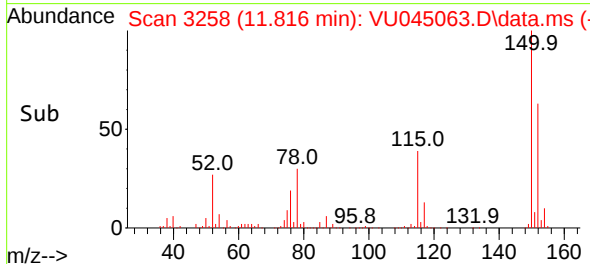
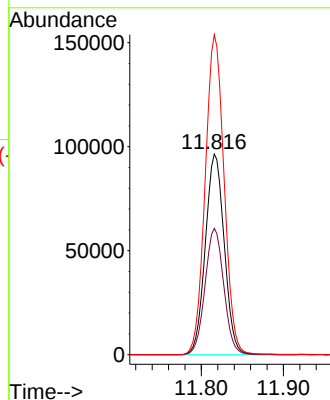
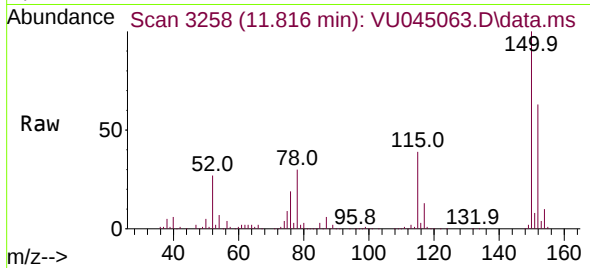




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.001 min
 Lab File: VU045063.D
 Acq: 01 Oct 2021 11:14

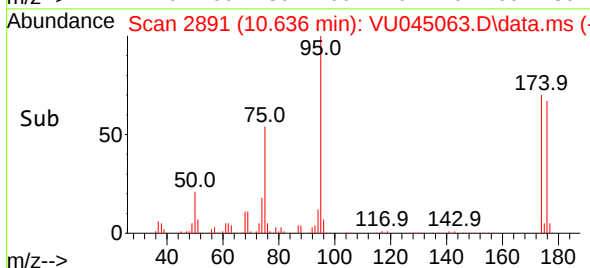
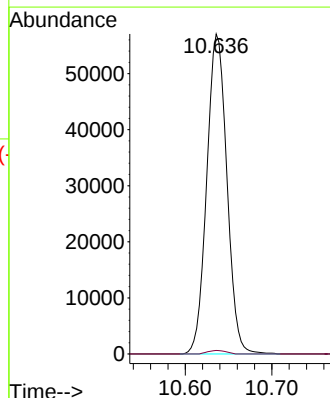
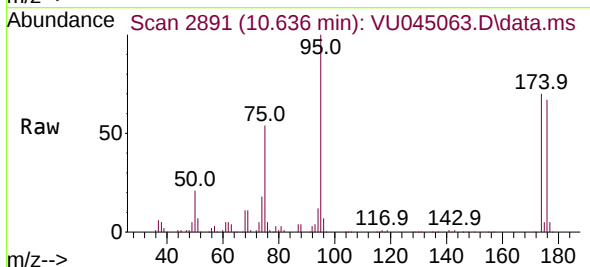
Instrument :
 MSVOA_U
 ClientSampled :

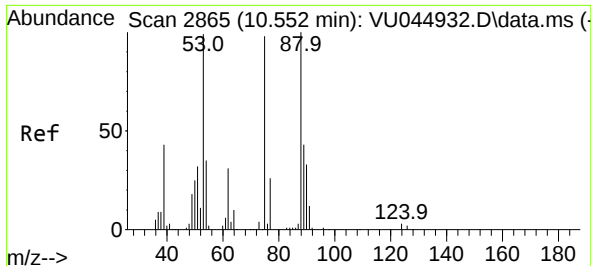
Tgt Ion:152 Resp: 154684
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.5 130.7
 150 159.0 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 20.436 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.192 min
 Lab File: VU045063.D
 Acq: 01 Oct 2021 11:14

Tgt Ion: 75 Resp: 92206
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.9 53.7#

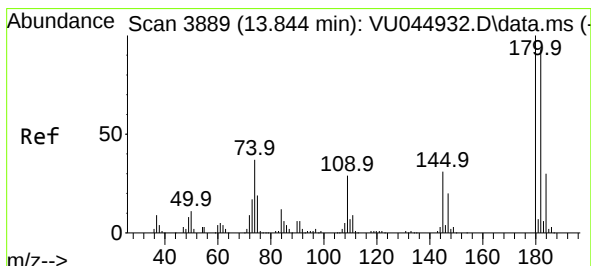
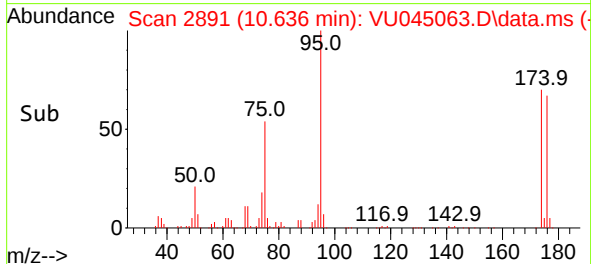
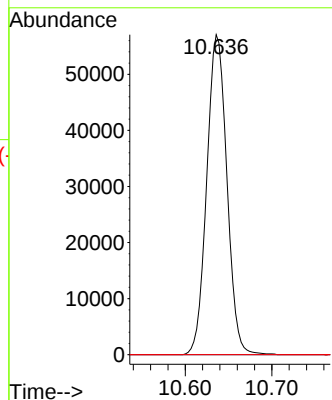
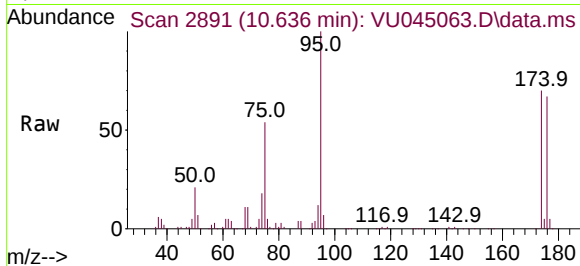




#81
trans-1,4-Dichloro-2-butene
Concen: 56.715 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

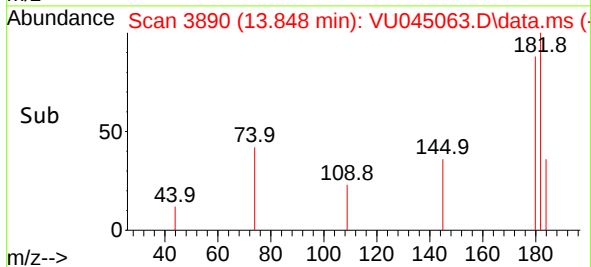
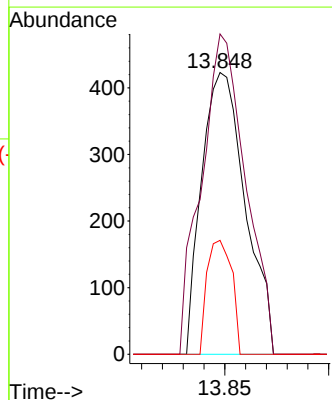
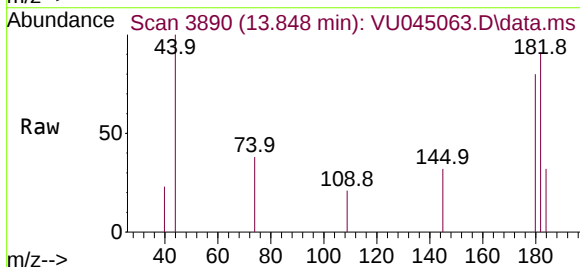
Instrument :
MSVOA_U
ClientSampleId :

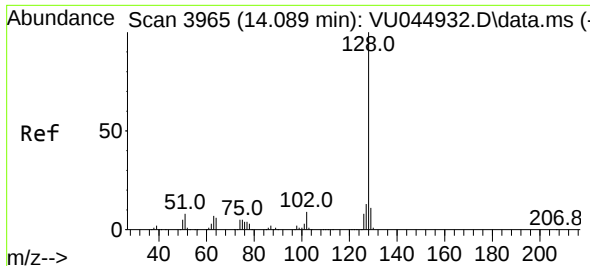
Tgt Ion: 75 Resp: 92206
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.204 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.004 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

Tgt Ion:180 Resp: 619
Ion Ratio Lower Upper
180 100
182 115.0 47.4 142.3
145 22.8 15.4 46.2

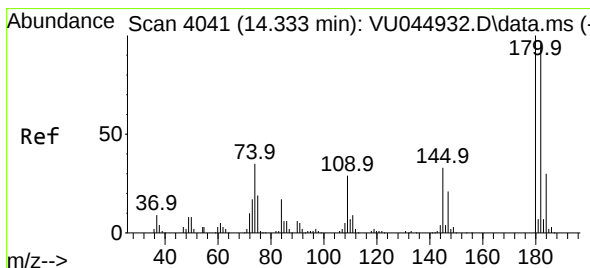
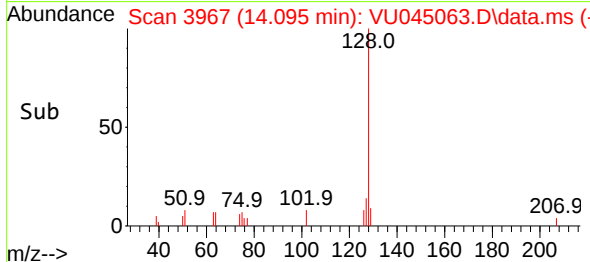
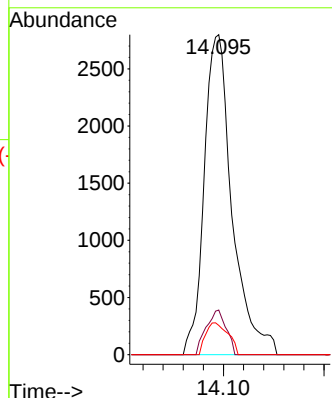
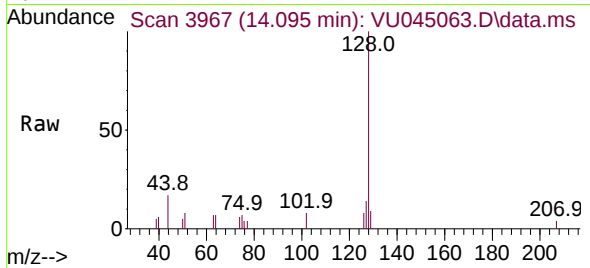




#95
Naphthalene
Concen: 0.473 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.006 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 5400
Ion Ratio Lower Upper
128 100
127 9.9 10.4 15.6#
129 7.9 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.278 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045063.D
Acq: 01 Oct 2021 11:14

Tgt Ion:180 Resp: 848
Ion Ratio Lower Upper
180 100
182 107.1 47.1 141.4
145 27.6 16.4 49.2

