

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU044987.D
 Acq On : 29 Sep 2021 12:45
 Operator : SY/MD
 Sample : VU0929WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929WBL01

Quant Time: Sep 29 14:21:24 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)

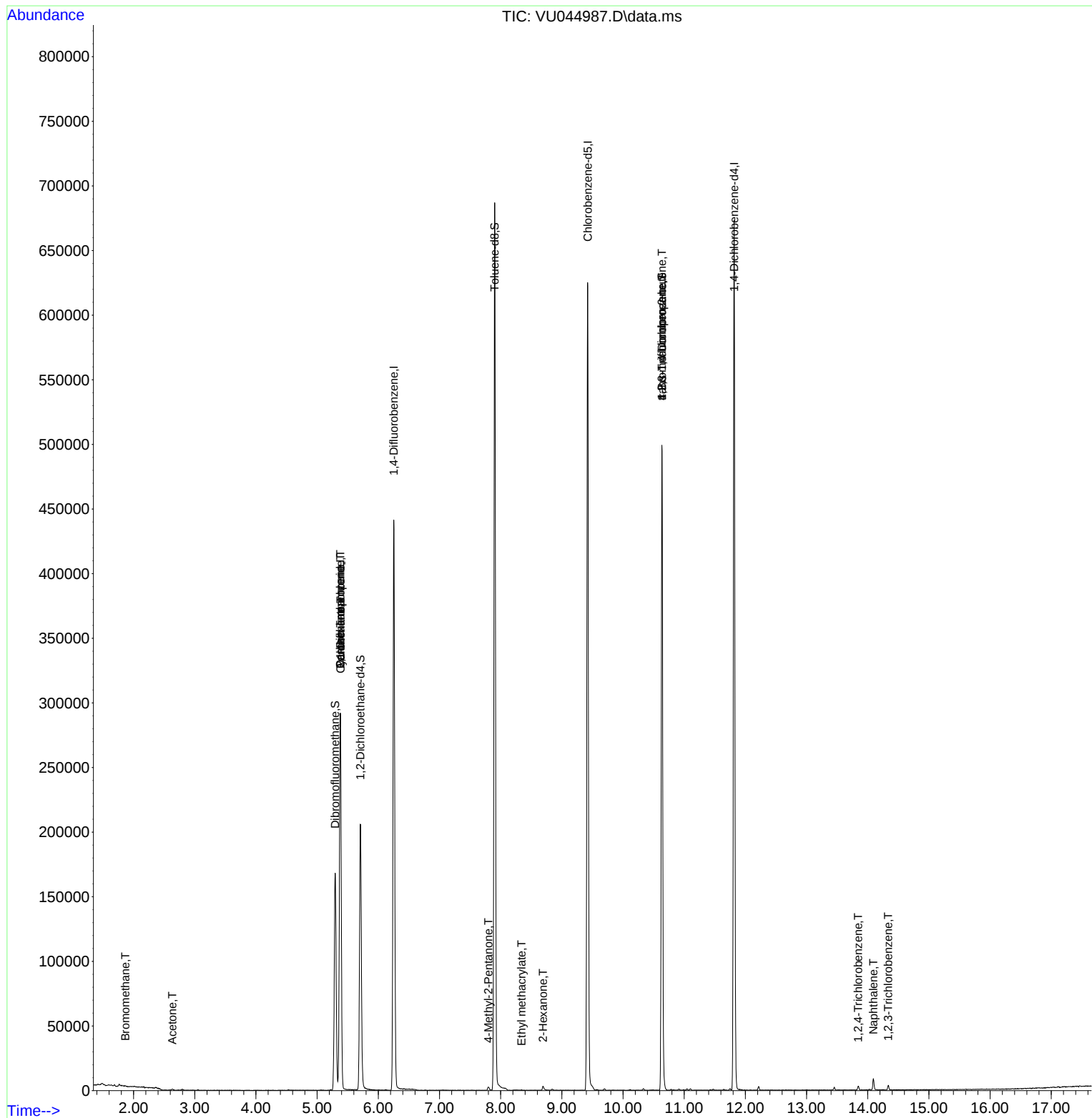
Internal Standards						
1) Pentafluorobenzene	5.378	168	190656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	342223	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	333402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	165385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	158822	50.043	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.080%	
35) Dibromofluoromethane	5.295	113	110486	51.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.360%	
50) Toluene-d8	7.902	98	444026	52.055	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.100%	
62) 4-Bromofluorobenzene	10.635	95	167030	47.430	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.864	94	266	0.222	ug/l	88
16) Acetone	2.633	43	1144	0.607	ug/l	98
31) Cyclohexane	5.382	56	5119	1.062	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	18311	5.116	ug/l #	46
38) Carbon Tetrachloride	5.378	117	20290	6.552	ug/l #	15
51) 4-Methyl-2-Pentanone	7.800	43	2242	0.432	ug/l	92
56) Ethyl methacrylate	8.343	69	150	1.848	ug/l #	59
59) 2-Hexanone	8.693	43	2845	0.674	ug/l	94
76) 1,2,3-Trichloropropane	10.635	75	89504	18.554	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	89504	51.490	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.841	180	1256	0.387	ug/l	93
95) Naphthalene	14.092	128	7420	0.608	ug/l	97
96) 1,2,3-Trichlorobenzene	14.336	180	1227	0.377	ug/l	92

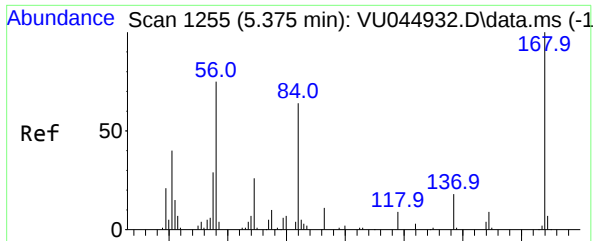
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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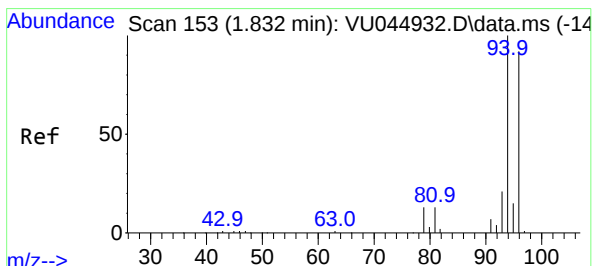
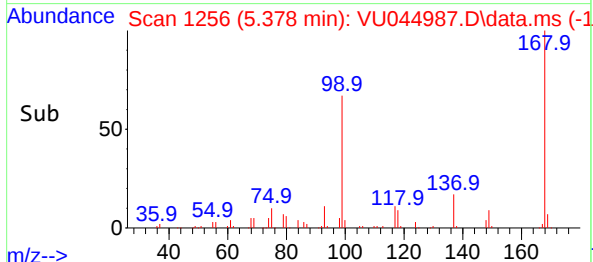
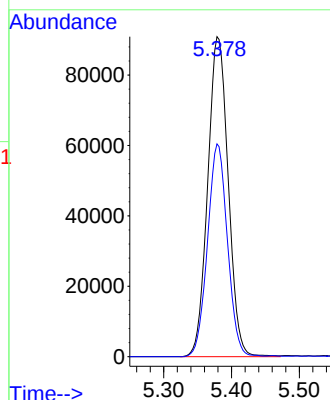
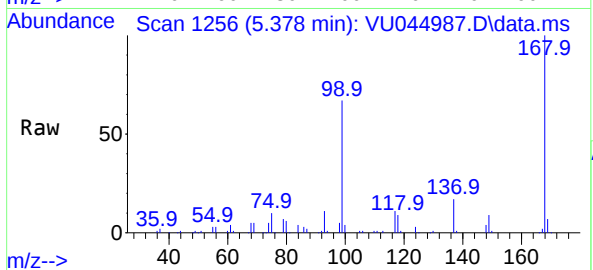




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

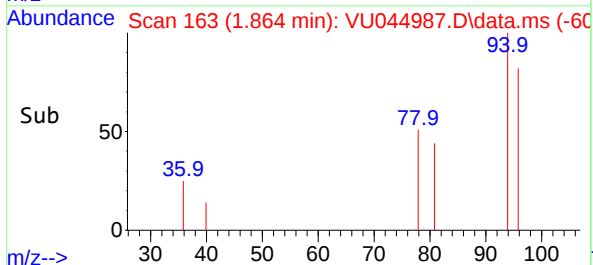
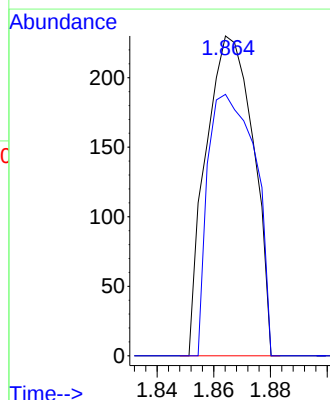
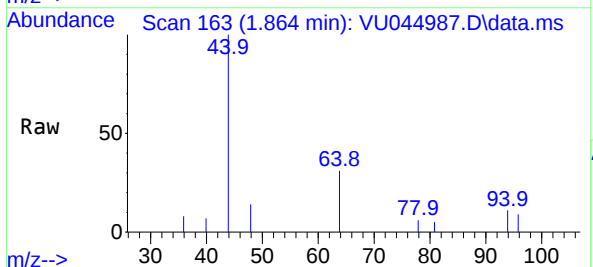
Instrument :
MSVOA_U
ClientSampleId :
VU0929WBL01

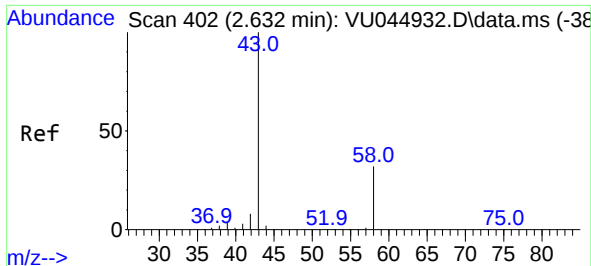
Tgt Ion:168 Resp: 190656
Ion Ratio Lower Upper
168 100
99 66.5 51.4 77.0



#5
Bromomethane
Concen: 0.222 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.032 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 81.7 74.5 111.7

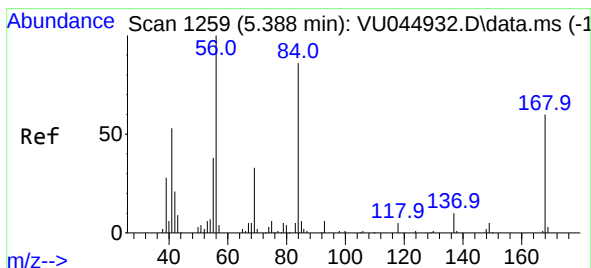
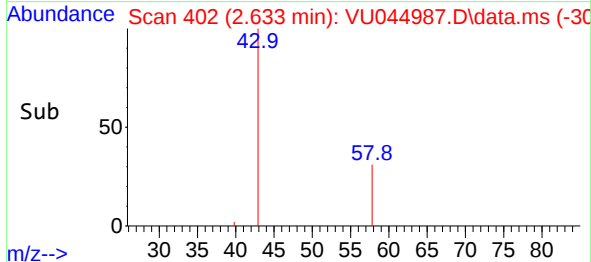
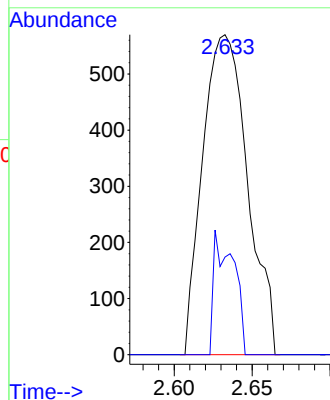
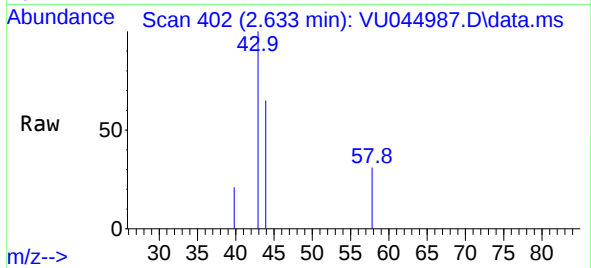




#16
Acetone
Concen: 0.607 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

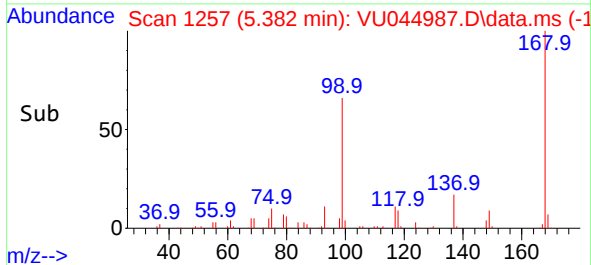
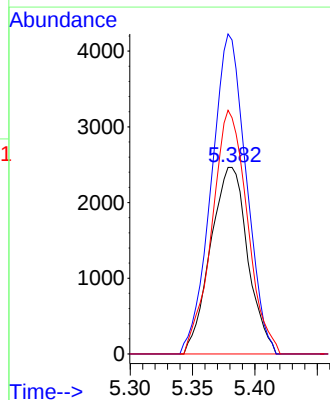
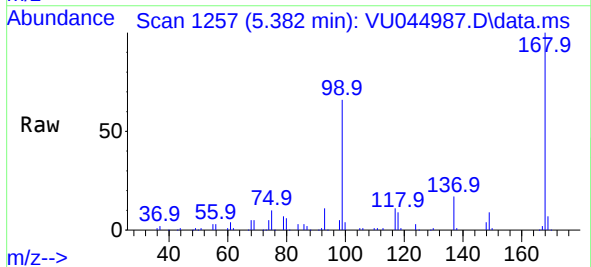
Instrument :
MSVOA_U
ClientSampleId :
VU0929WBL01

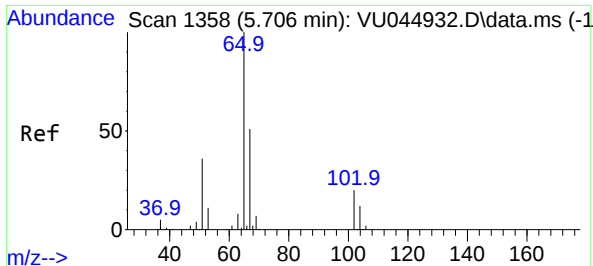
Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
58 30.5 25.2 37.8



#31
Cyclohexane
Concen: 1.062 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion: 56 Resp: 5119
Ion Ratio Lower Upper
56 100
69 168.2 25.2 37.8#
84 126.6 66.4 99.6#



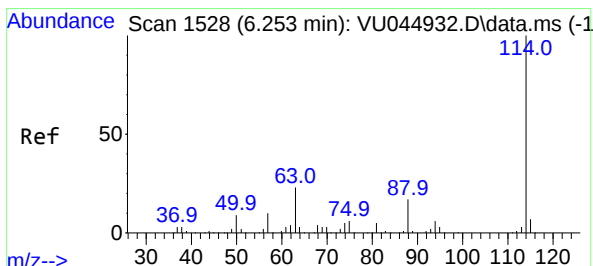
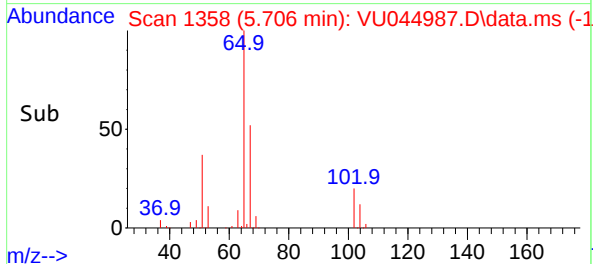
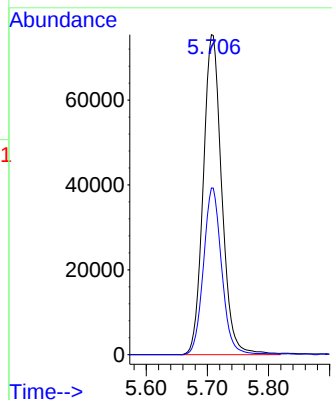
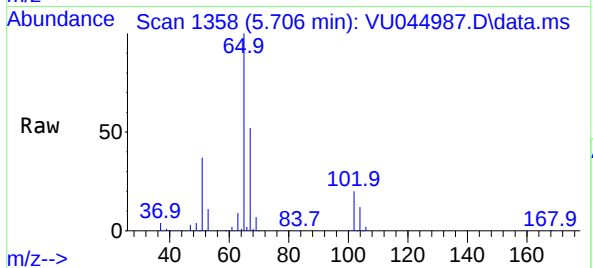


#33

1,2-Dichloroethane-d4
Concen: 50.043 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VU0929WBL01

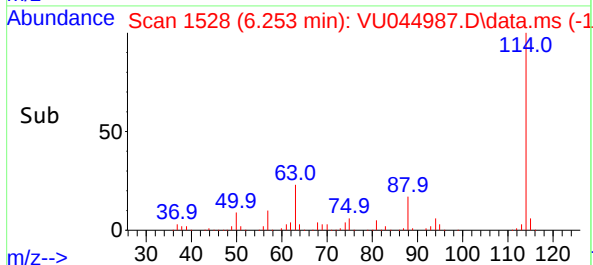
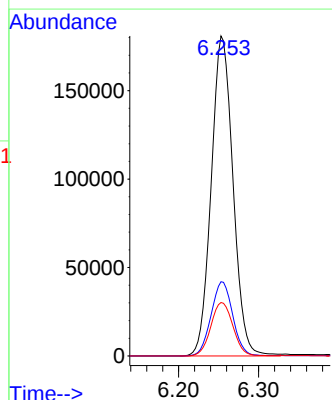
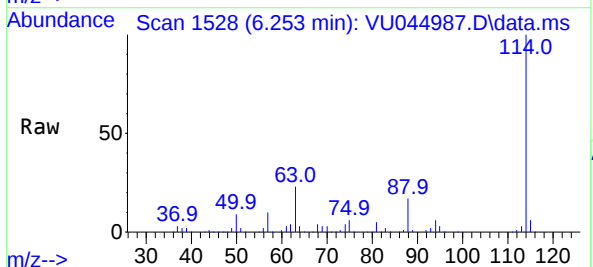
Tgt Ion: 65 Resp: 158822
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8

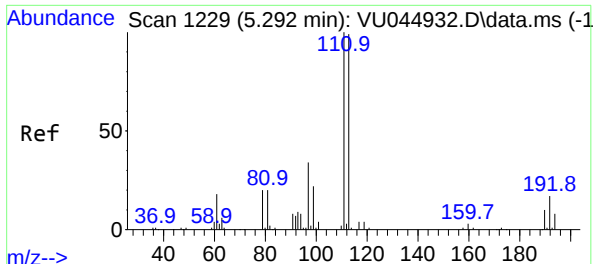


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion: 114 Resp: 342223
Ion Ratio Lower Upper
114 100
63 23.2 0.0 47.8
88 16.7 0.0 32.8



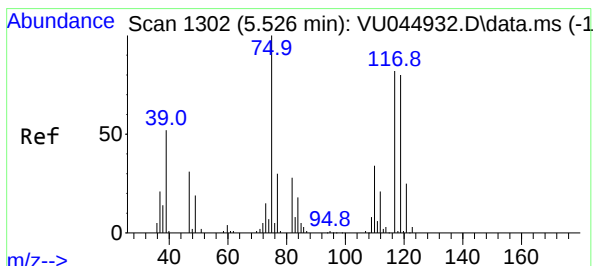
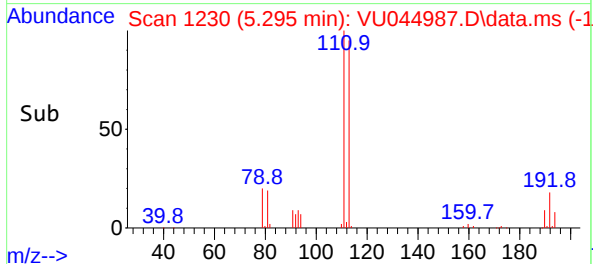
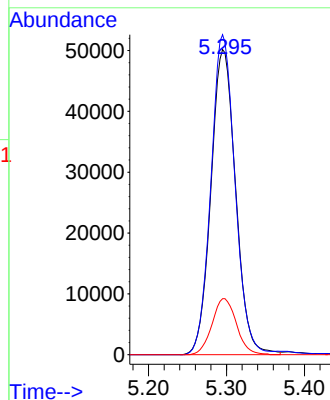
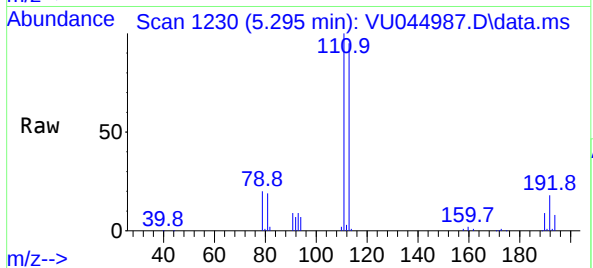


#35

Dibromofluoromethane
 Concen: 51.178 ug/l
 RT: 5.295 min Scan# 1230
 Delta R.T. 0.003 min
 Lab File: VU044987.D
 Acq: 29 Sep 2021 12:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929WBL01

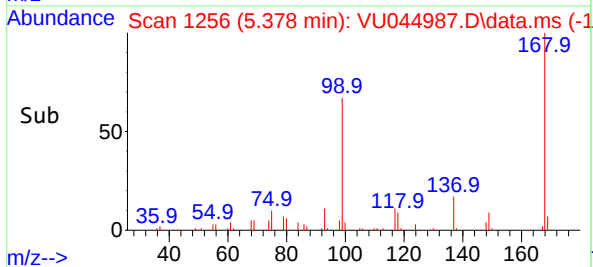
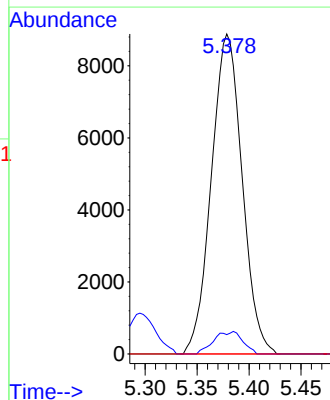
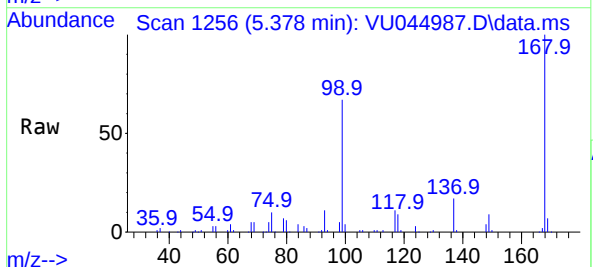
Tgt Ion:113 Resp: 110486
 Ion Ratio Lower Upper
 113 100
 111 102.3 84.1 126.1
 192 18.2 14.8 22.2

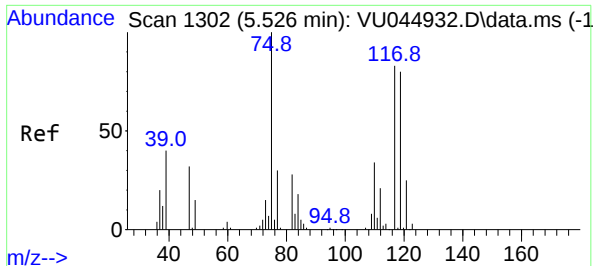


#36

1,1-Dichloropropene
 Concen: 5.116 ug/l
 RT: 5.378 min Scan# 1256
 Delta R.T. -0.148 min
 Lab File: VU044987.D
 Acq: 29 Sep 2021 12:45

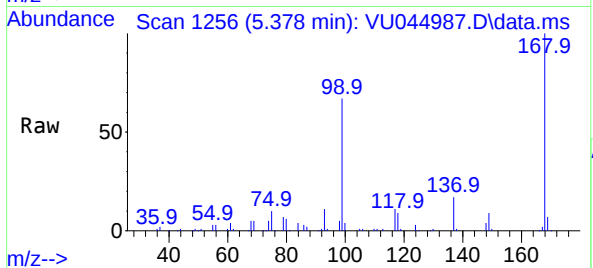
Tgt Ion: 75 Resp: 18311
 Ion Ratio Lower Upper
 75 100
 110 3.4 16.3 48.9#
 77 0.0 25.0 37.4#



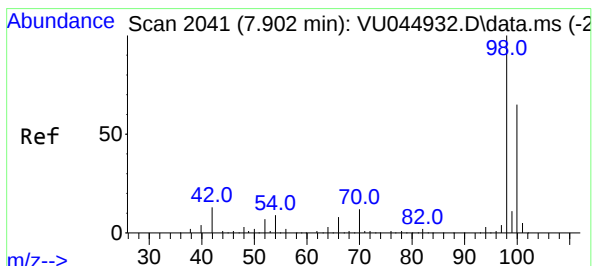
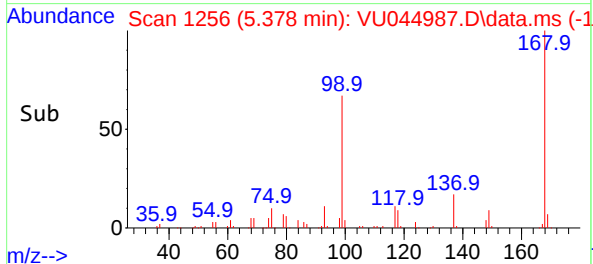
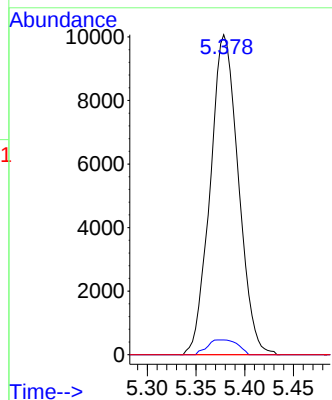


#38
Carbon Tetrachloride
Concen: 6.552 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.148 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VU0929WBL01

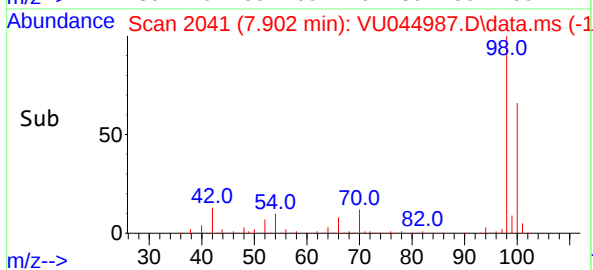
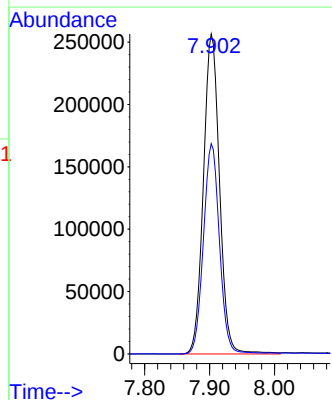
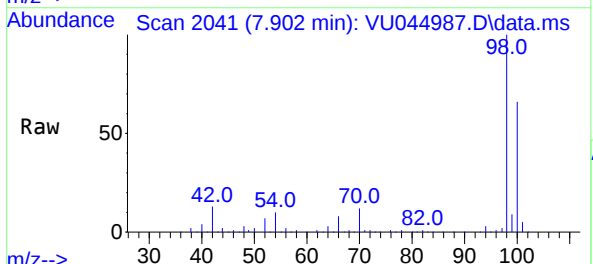


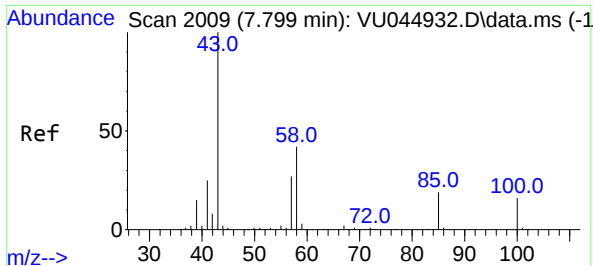
Tgt Ion:117 Resp: 20290
Ion Ratio Lower Upper
117 100
119 4.6 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.055 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion: 98 Resp: 444026
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

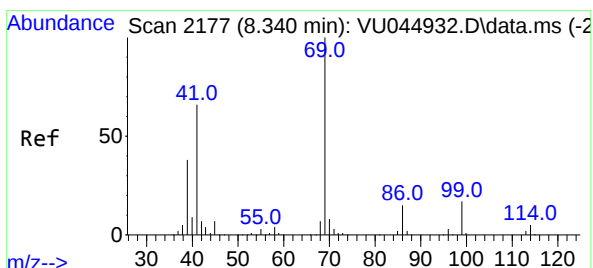
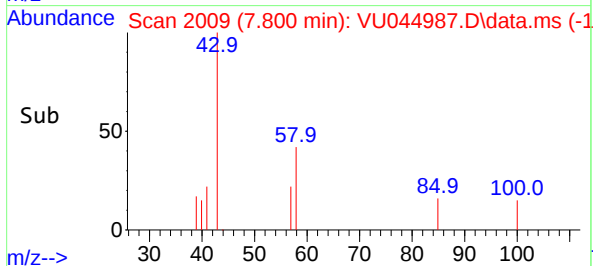
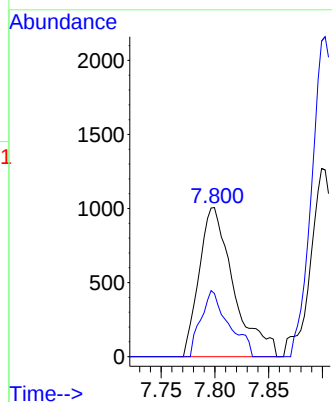
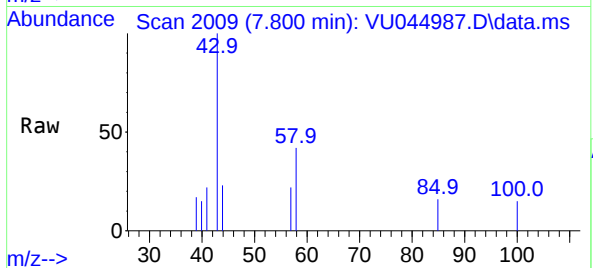




#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.001 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

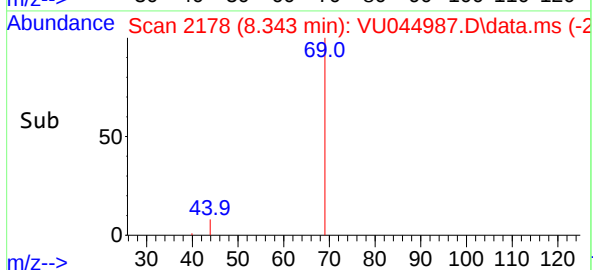
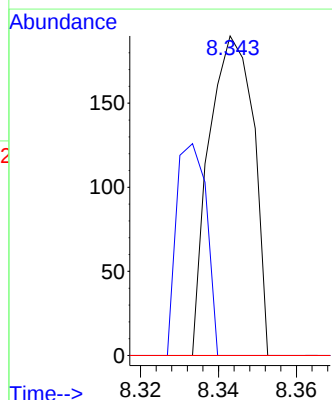
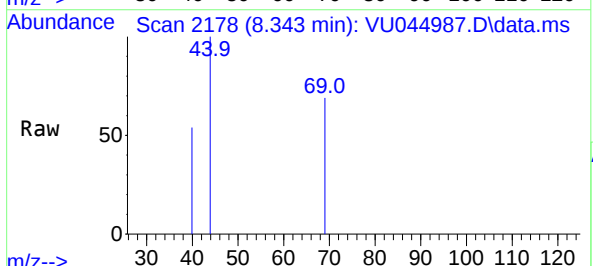
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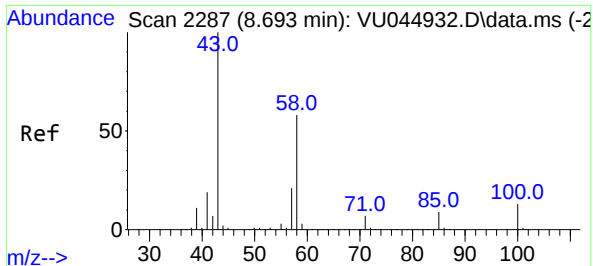
Tgt Ion: 43 Resp: 2242
Ion Ratio Lower Upper
43 100
58 35.7 32.4 48.6



#56
Ethyl methacrylate
Concen: 1.848 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. 0.003 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion: 69 Resp: 150
Ion Ratio Lower Upper
69 100
41 44.7 53.5 80.3#
39 0.0 31.1 46.7#

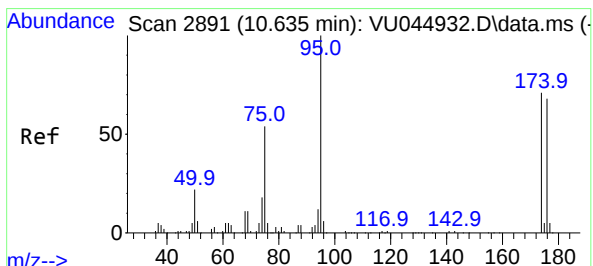
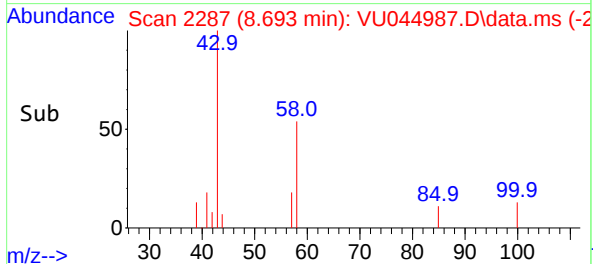
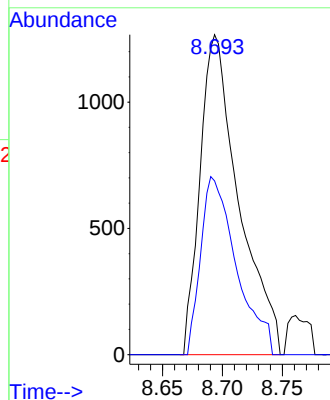
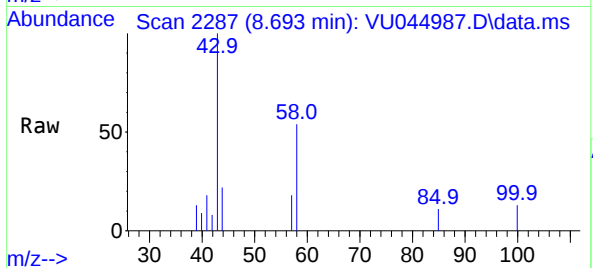




#59
2-Hexanone
Concen: 0.674 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

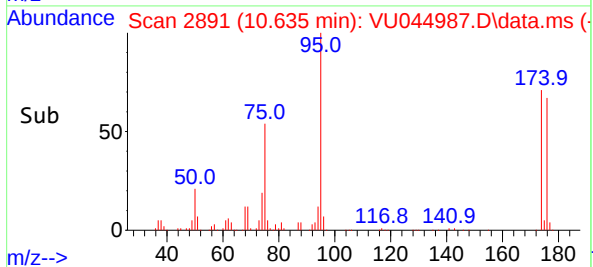
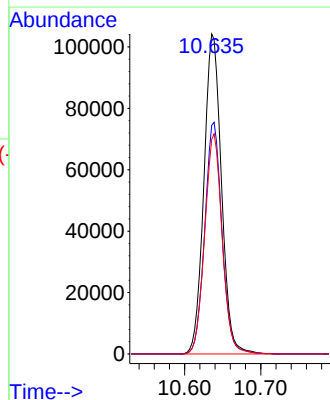
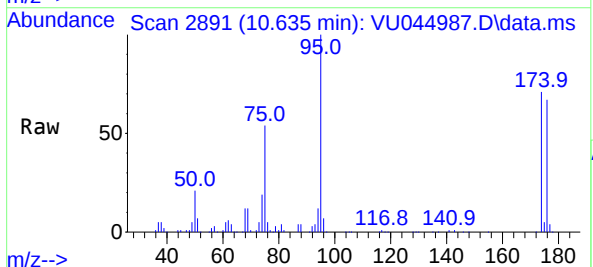
Instrument :
MSVOA_U
ClientSampled :
VU0929WBL01

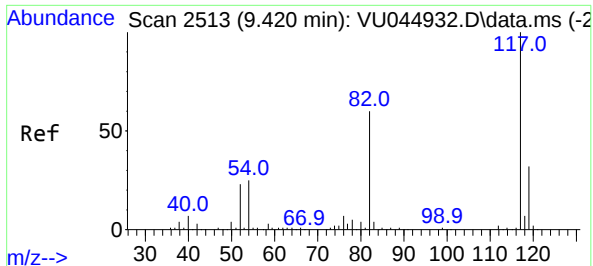
Tgt Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
58 51.3 28.0 84.0



#62
4-Bromofluorobenzene
Concen: 47.430 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion: 95 Resp: 167030
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 68.4 0.0 141.2

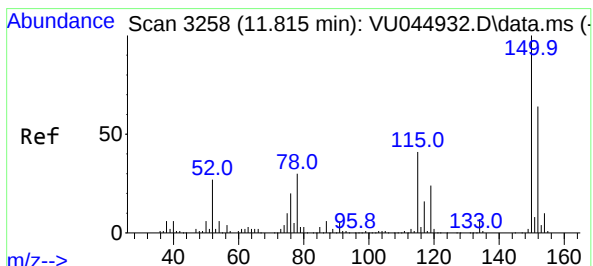
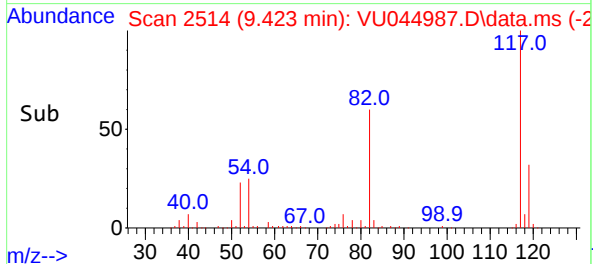
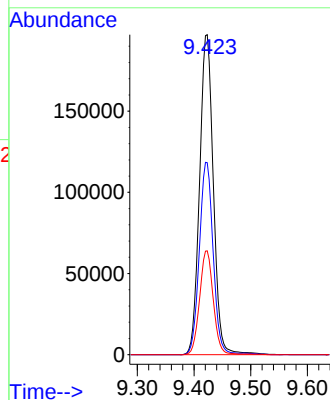
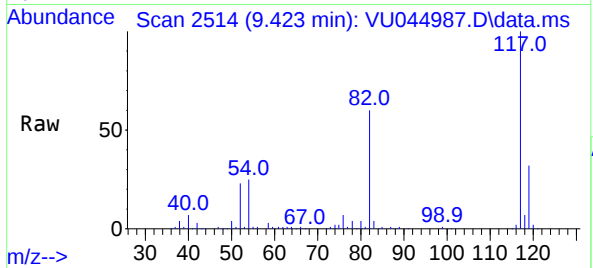




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

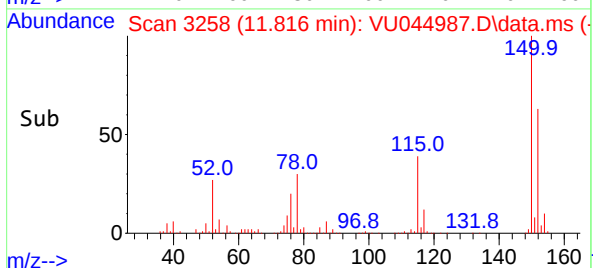
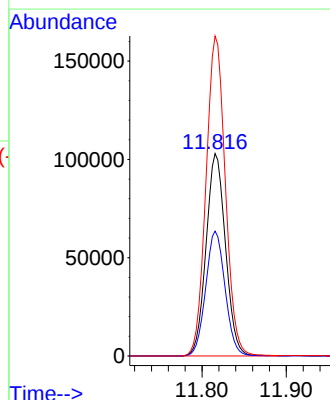
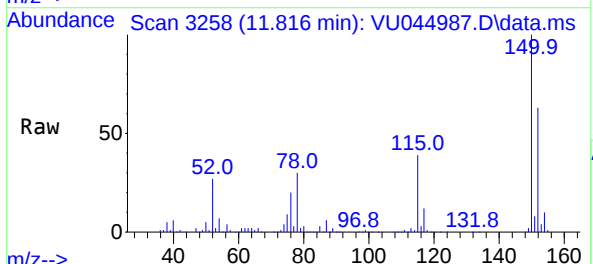
Instrument :
MSVOA_U
ClientSampleId :
VU0929WBL01

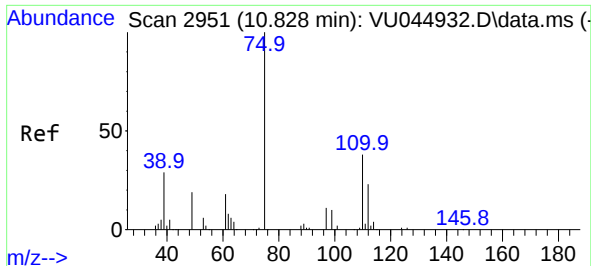
Tgt Ion:117 Resp: 333402
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion:152 Resp: 165385
Ion Ratio Lower Upper
152 100
115 61.6 43.5 130.7
150 157.2 0.0 350.0

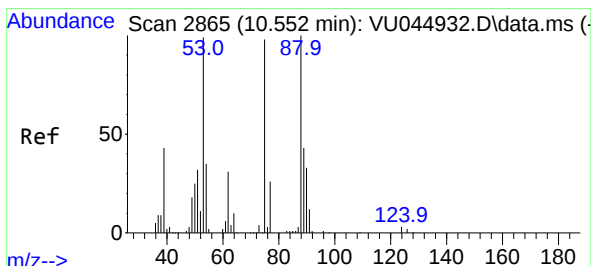
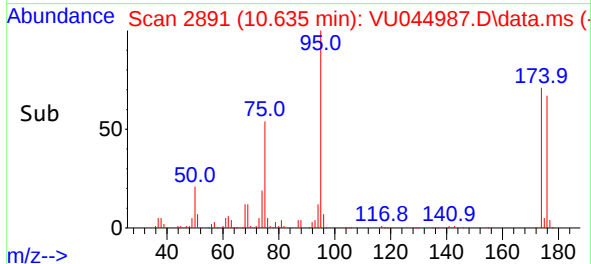
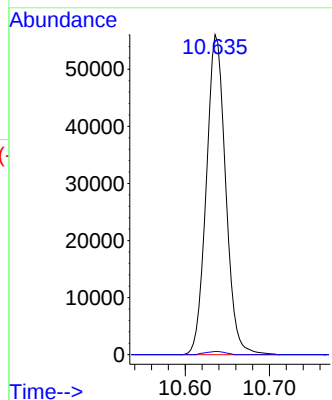
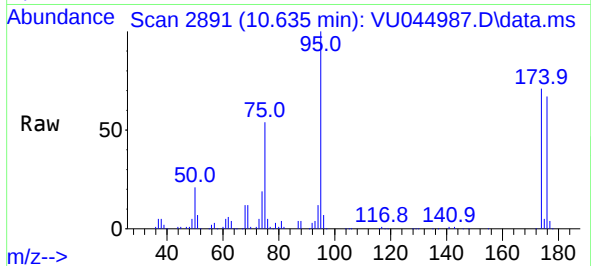




#76
1,2,3-Trichloropropane
Concen: 18.554 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

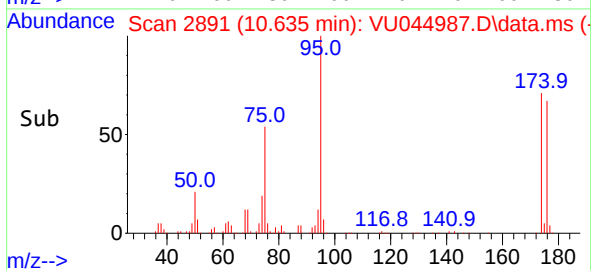
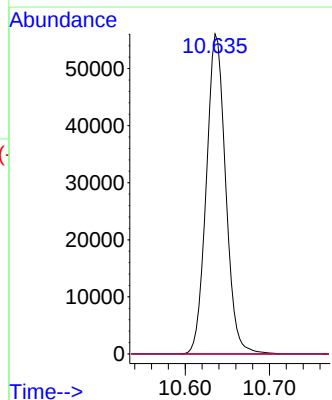
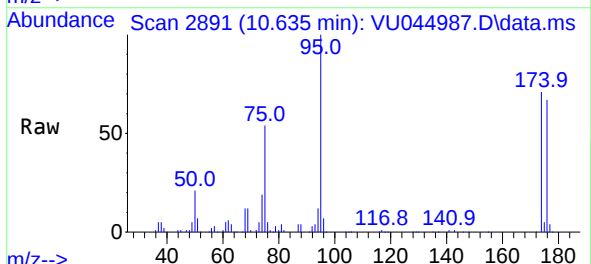
Instrument :
MSVOA_U
ClientSampleId :
VU0929WBL01

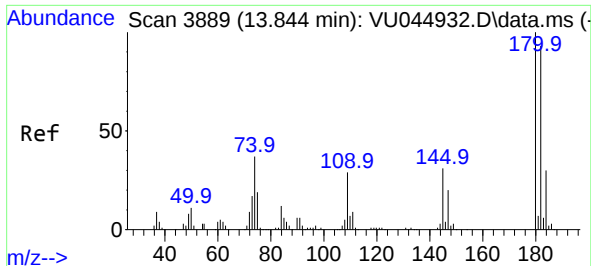
Tgt Ion: 75 Resp: 89504
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.490 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion: 75 Resp: 89504
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

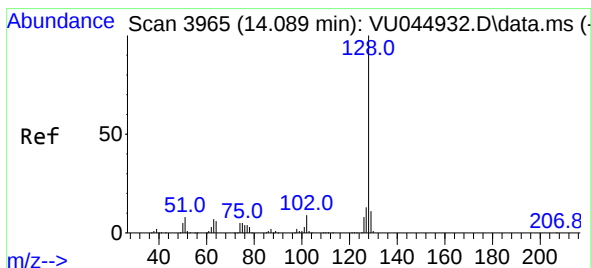
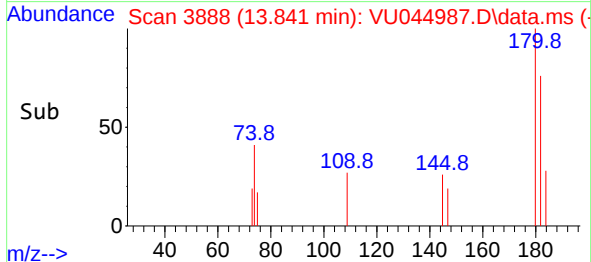
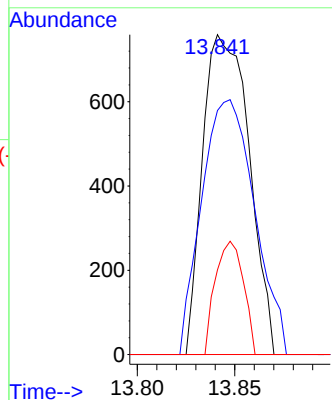
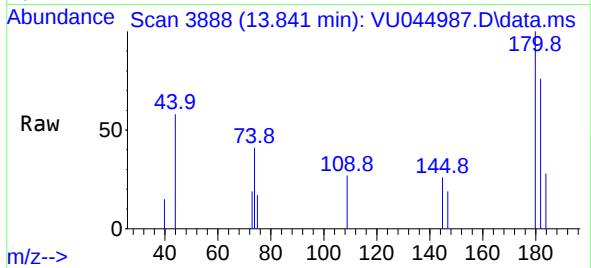




#93
1,2,4-Trichlorobenzene
Concen: 0.387 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.003 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

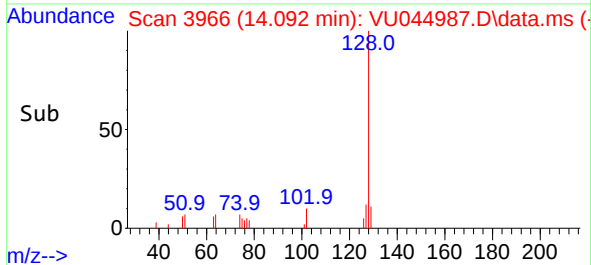
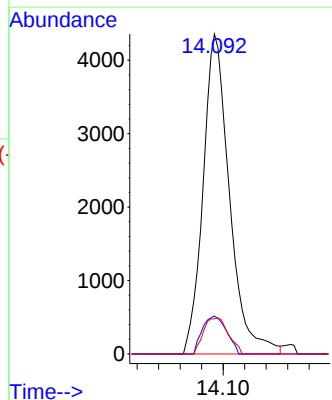
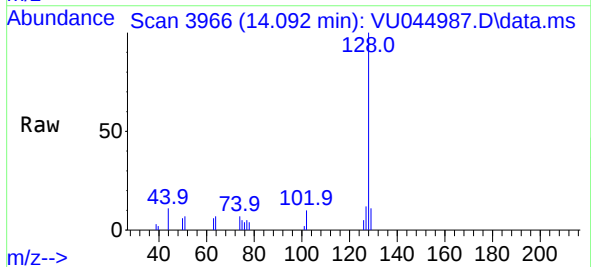
Instrument :
MSVOA_U
ClientSampleId :
VU0929WBL01

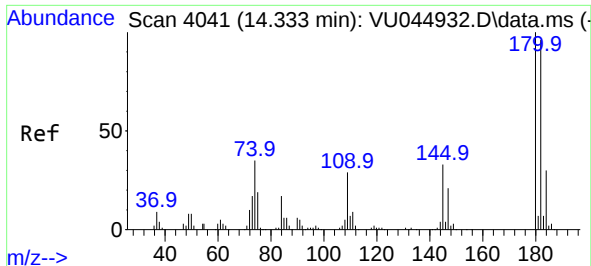
Tgt Ion:180 Resp: 1256
Ion Ratio Lower Upper
180 100
182 90.8 47.4 142.3
145 21.4 15.4 46.2



#95
Naphthalene
Concen: 0.608 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion:128 Resp: 7420
Ion Ratio Lower Upper
128 100
127 10.8 10.4 15.6
129 10.5 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.377 ug/l
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044987.D
 Acq: 29 Sep 2021 12:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929WBL01

Tgt Ion:180 Resp: 1227

Ion	Ratio	Lower	Upper
180	100		
182	102.5	47.1	141.4
145	29.0	16.4	49.2

