

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045636.D
 Acq On : 08 Nov 2021 23:59
 Operator : SY/MD
 Sample : M4495-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16

Quant Time: Nov 09 11:14:18 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	5.378	168	148476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	278733	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	279003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	142455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	118855	53.452	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.900%	
35) Dibromofluoromethane	5.292	113	92971	49.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.920%	
50) Toluene-d8	7.899	98	363116	52.474	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	10.635	95	140108	50.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.980%	

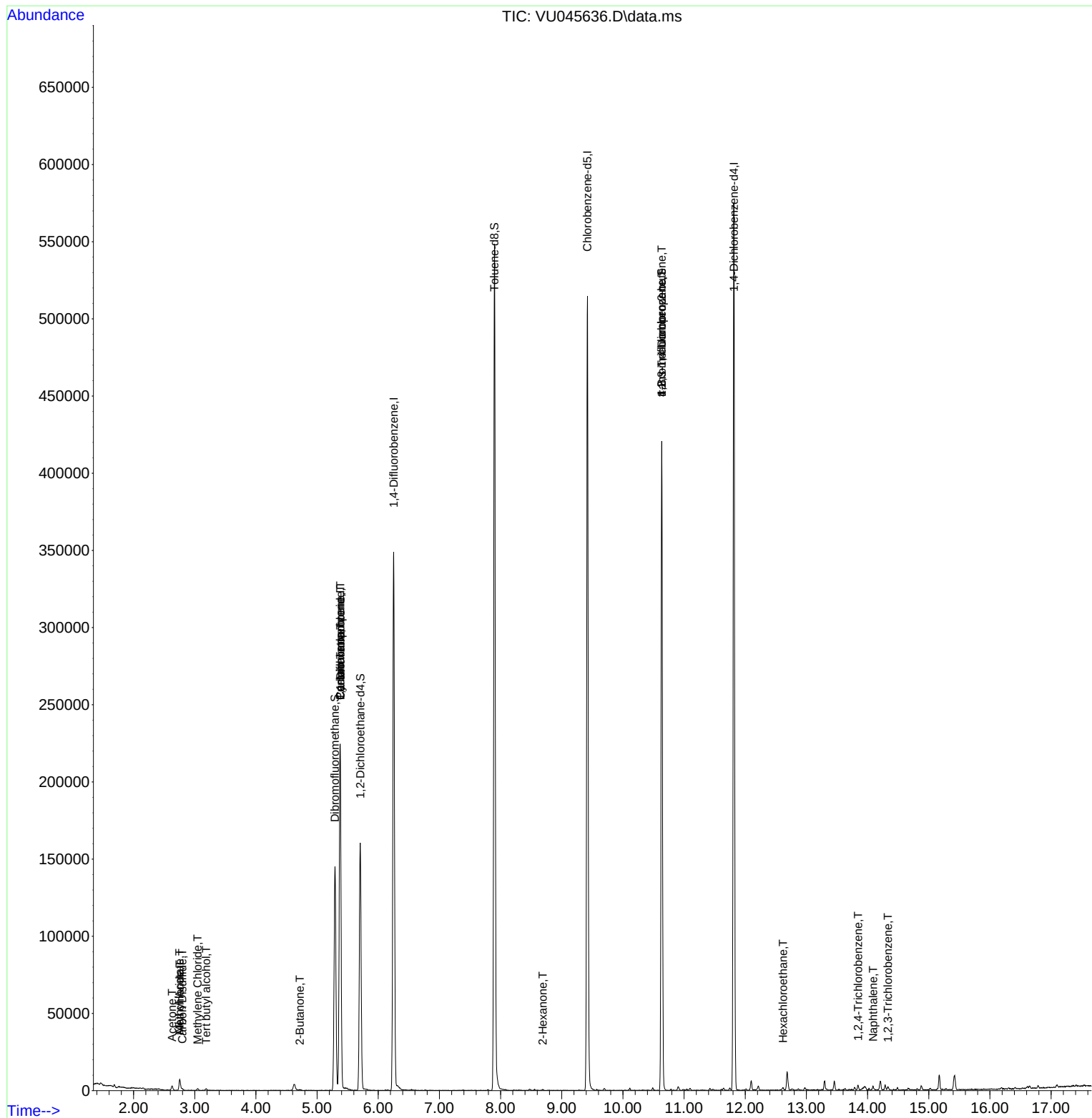
Target Compounds				Qvalue		
11) Tert butyl alcohol	3.186	59	684	1.554	ug/l #	72
14) Allyl chloride	2.755	41	732	0.251	ug/l #	77
16) Acetone	2.629	43	3373	2.980	ug/l	99
17) Carbon Disulfide	2.797	76	954	0.209	ug/l #	75
18) Methyl Acetate	2.752	43	1963	0.509	ug/l #	50
20) Methylene Chloride	3.044	84	567	0.288	ug/l	88
25) 2-Butanone	4.716	43	338	0.215	ug/l #	47
31) Cyclohexane	5.378	56	3290	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	13024	4.792	ug/l #	50
38) Carbon Tetrachloride	5.378	117	16112	5.880	ug/l #	15
59) 2-Hexanone	8.690	43	505	7.714	ug/l	67
76) 1,2,3-Trichloropropane	10.635	75	73519	17.018	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	73519	55.406	ug/l #	12
90) Hexachloroethane	12.616	117	818	0.528	ug/l #	16
93) 1,2,4-Trichlorobenzene	13.844	180	1029	0.335	ug/l	87
95) Naphthalene	14.092	128	2398	1.232	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.333	180	756	0.248	ug/l #	83

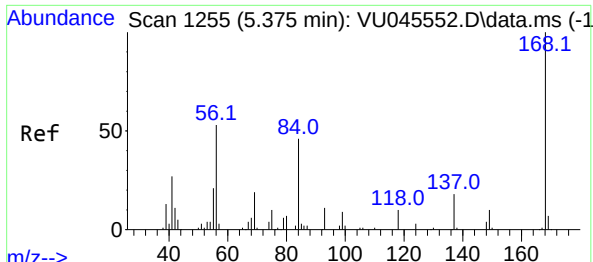
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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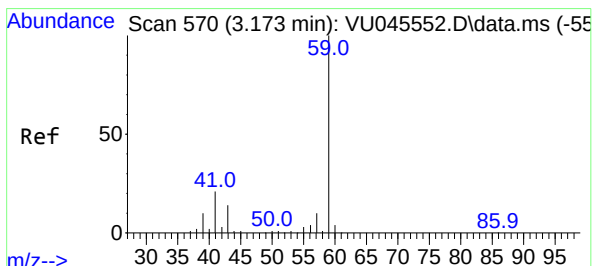
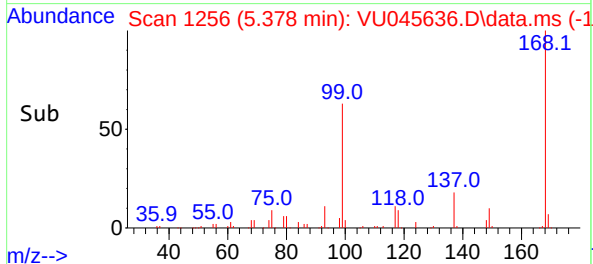
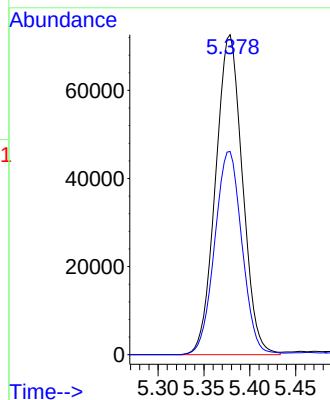
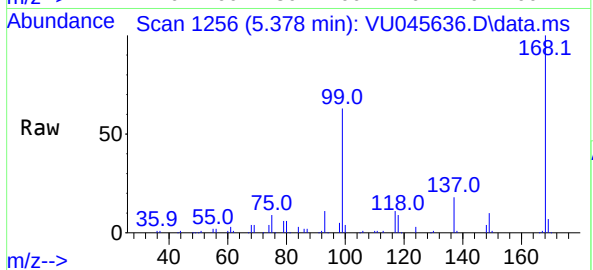




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

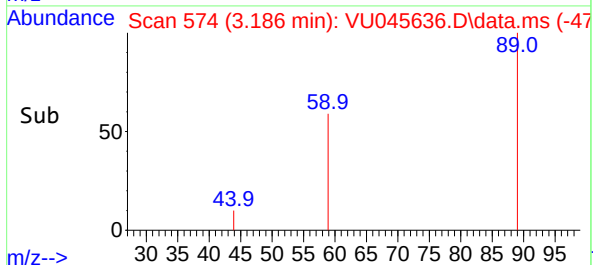
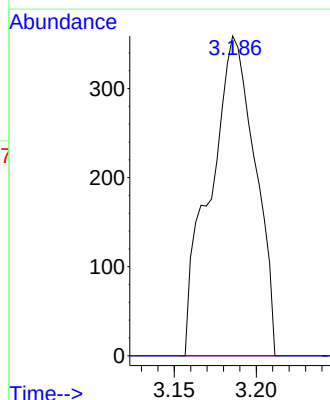
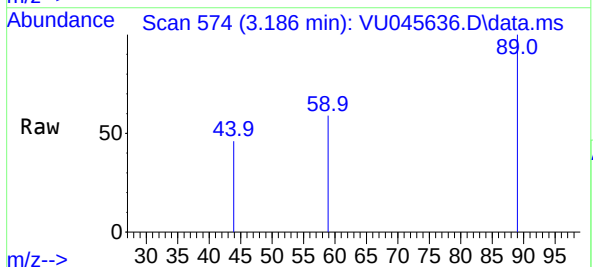
Instrument :
MSVOA_U
ClientSampleId :
MW-16

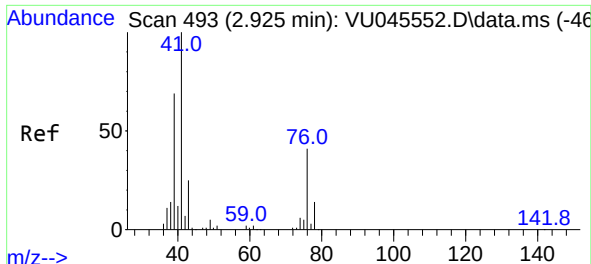
Tgt Ion:168 Resp: 148476
Ion Ratio Lower Upper
168 100
99 63.5 51.0 76.6



#11
Tert butyl alcohol
Concen: 1.554 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Tgt Ion: 59 Resp: 684
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.251 ug/l

RT: 2.755 min Scan# 41

Delta R.T. -0.171 min

Lab File: VU045636.D

Acq: 08 Nov 2021 23:59

Instrument :

MSVOA_U

ClientSampleId :

MW-16

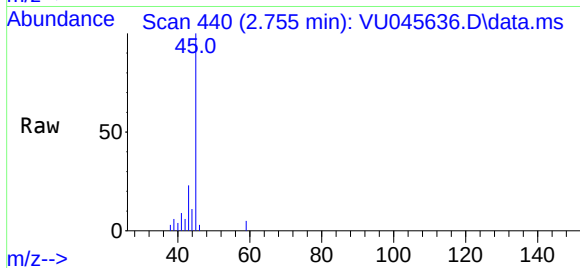
Tgt Ion: 41 Resp: 732

Ion Ratio Lower Upper

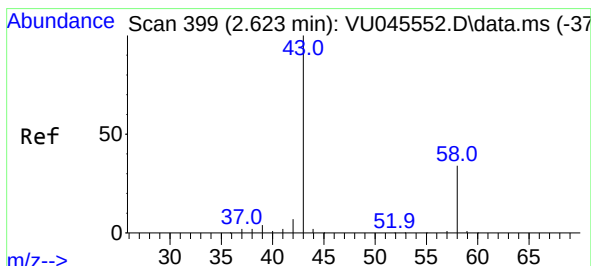
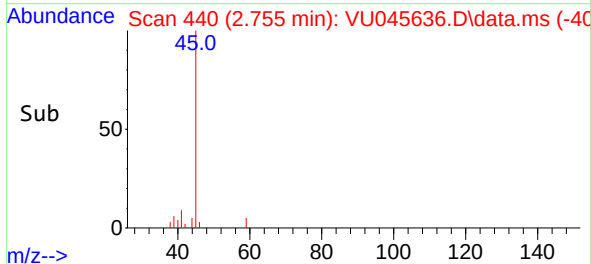
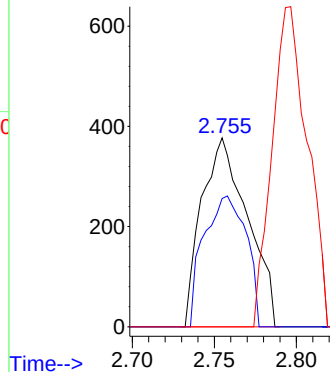
41 100

39 63.7 49.7 74.5

76 0.0 27.7 41.5#



Abundance



#16

Acetone

Concen: 2.980 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045636.D

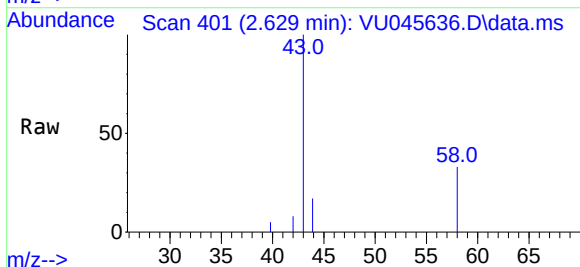
Acq: 08 Nov 2021 23:59

Tgt Ion: 43 Resp: 3373

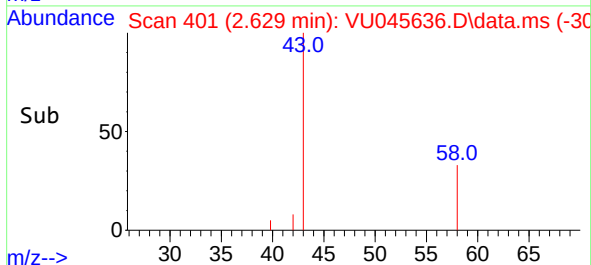
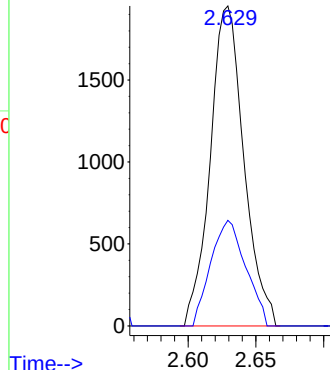
Ion Ratio Lower Upper

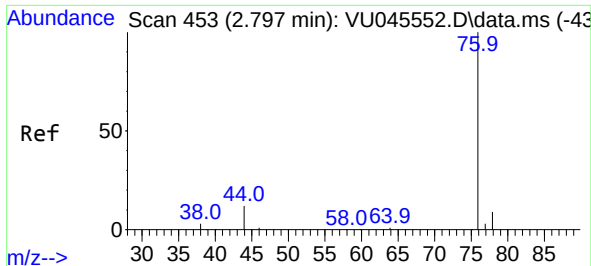
43 100

58 33.0 26.2 39.2



Abundance

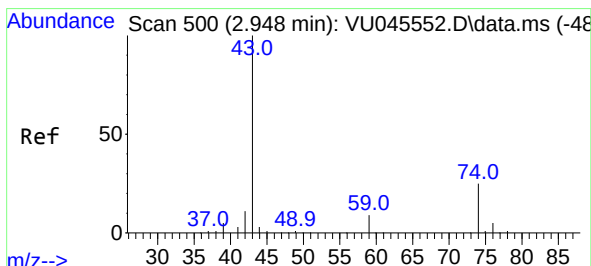
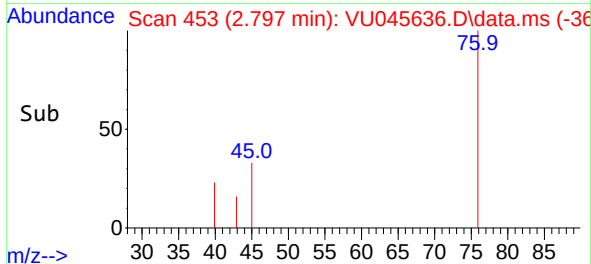
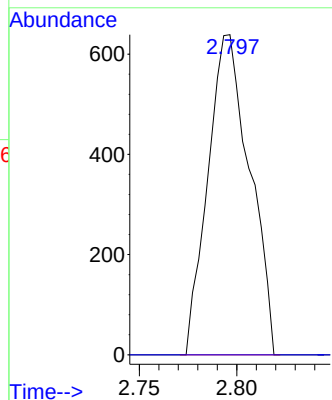
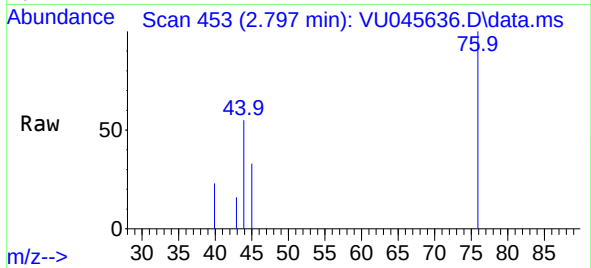




#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 2.797 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

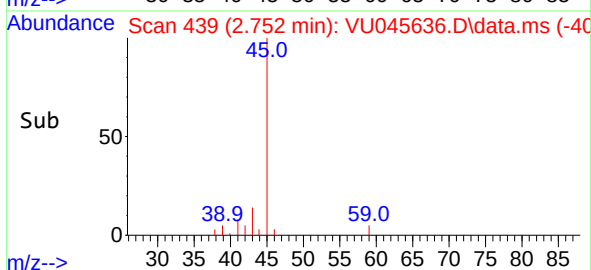
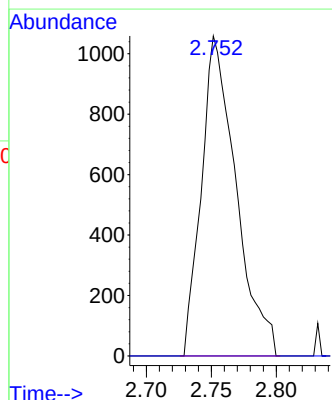
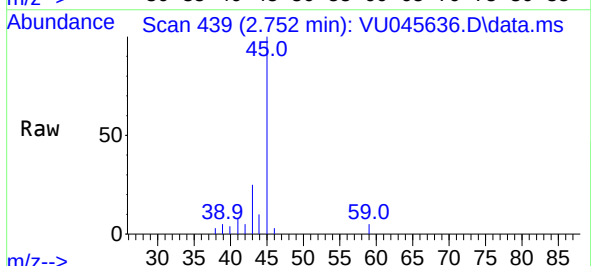
Instrument :
MSVOA_U
ClientSampleId :
MW-16

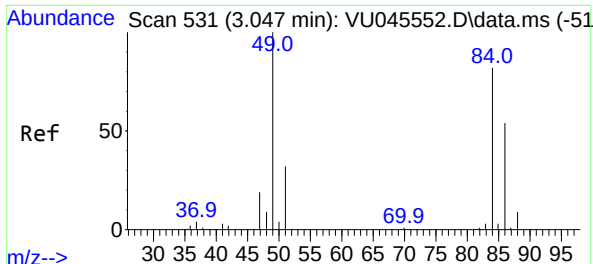
Tgt Ion: 76 Resp: 954
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.509 ug/l
RT: 2.752 min Scan# 439
Delta R.T. -0.196 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



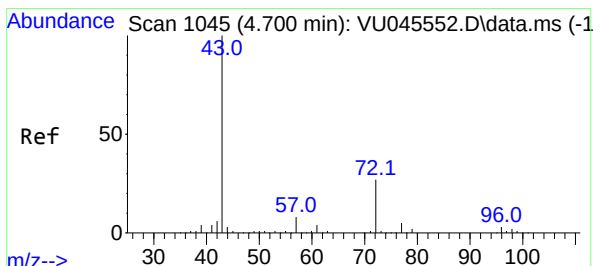
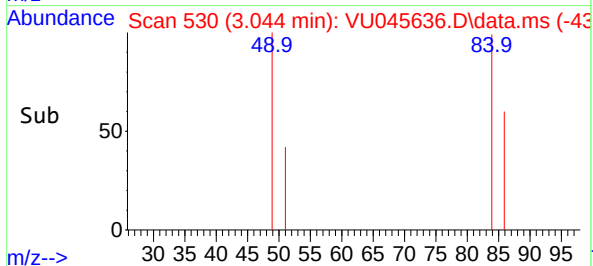
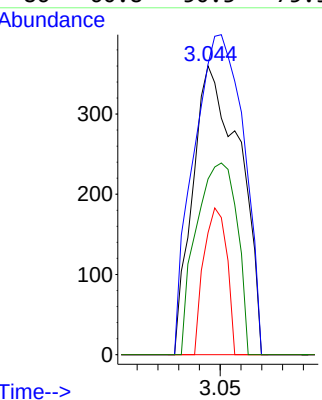
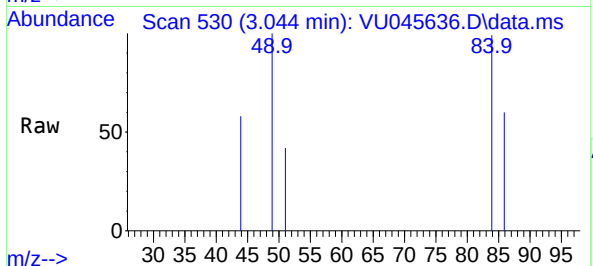


#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Instrument :
MSVOA_U
ClientSampleId :
MW-16

Tgt Ion: 84 Resp: 567

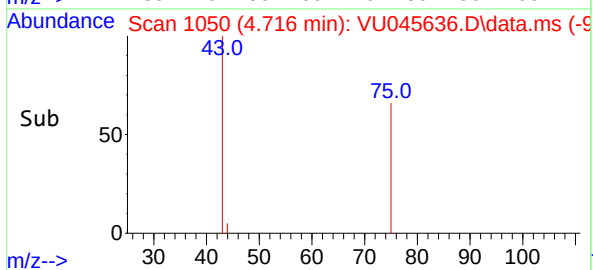
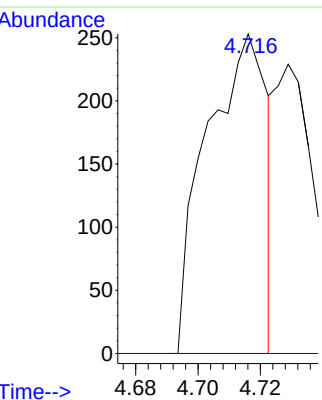
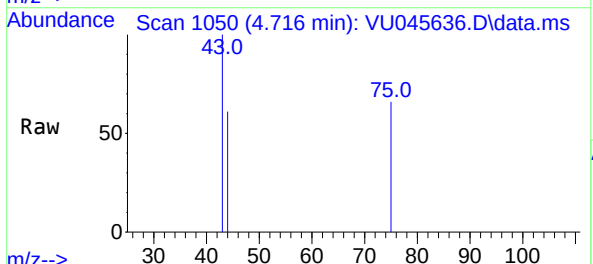
Ion	Ratio	Lower	Upper
84	100		
49	100.6	96.4	144.6
51	42.2	30.5	45.7
86	60.8	50.3	75.5

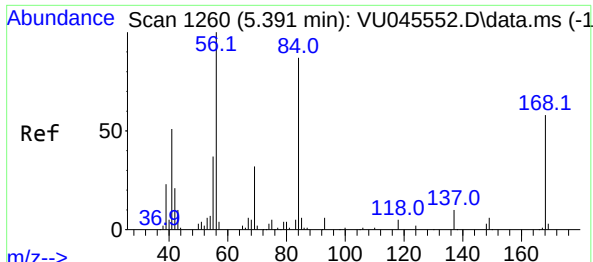


#25
2-Butanone
Concen: 0.215 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Tgt Ion: 43 Resp: 338

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#





#31

Cyclohexane

Concen: 1.014 ug/l

RT: 5.378 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU045636.D

Acq: 08 Nov 2021 23:59

Instrument :

MSVOA_U

ClientSampleId :

MW-16

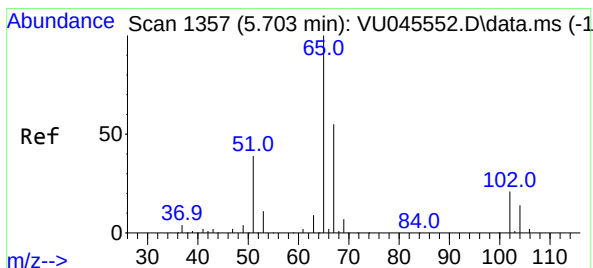
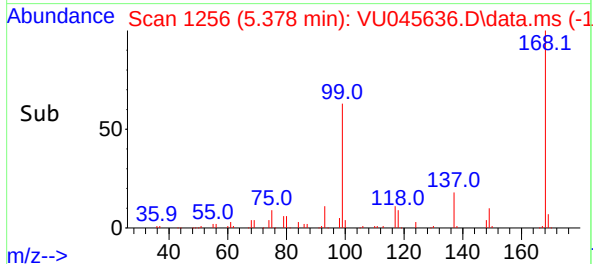
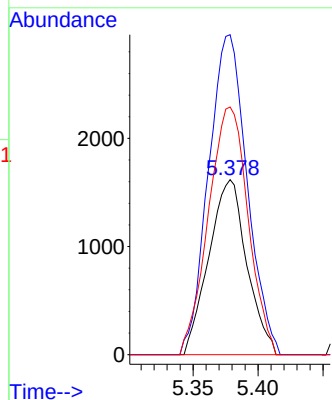
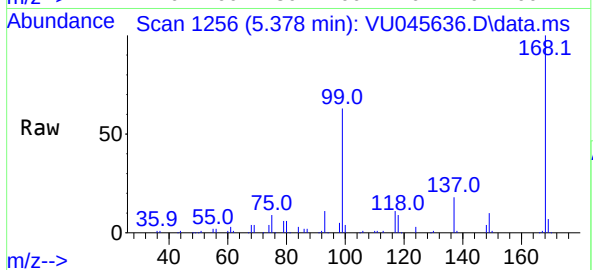
Tgt Ion: 56 Resp: 3290

Ion Ratio Lower Upper

56 100

69 182.9 26.4 39.6#

84 141.5 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 53.452 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU045636.D

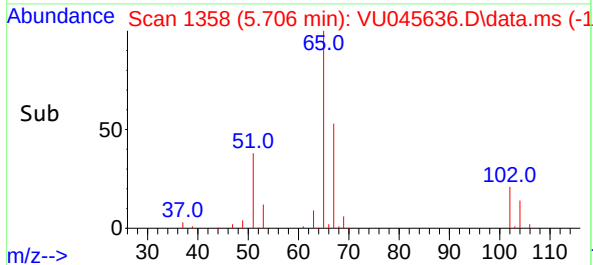
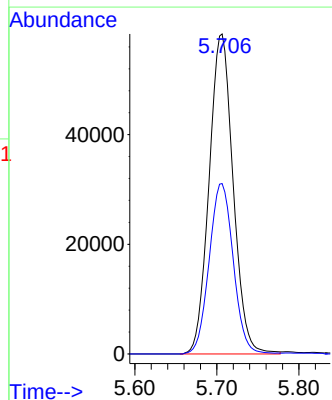
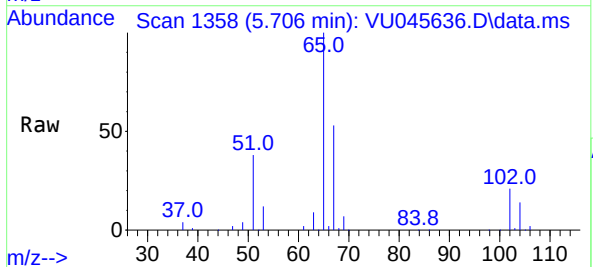
Acq: 08 Nov 2021 23:59

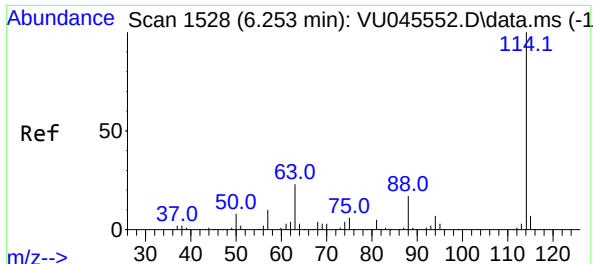
Tgt Ion: 65 Resp: 118855

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.8

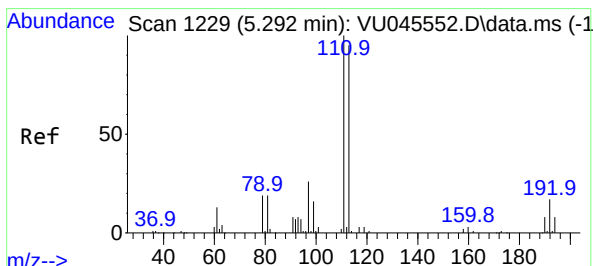
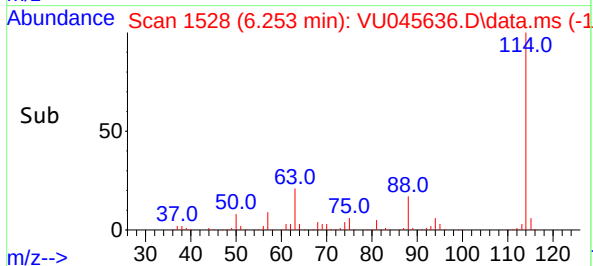
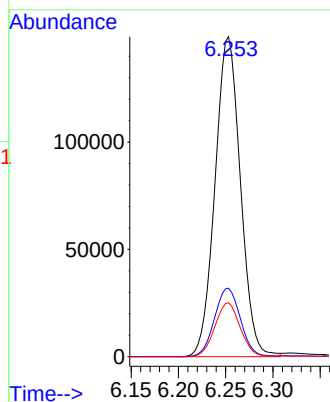
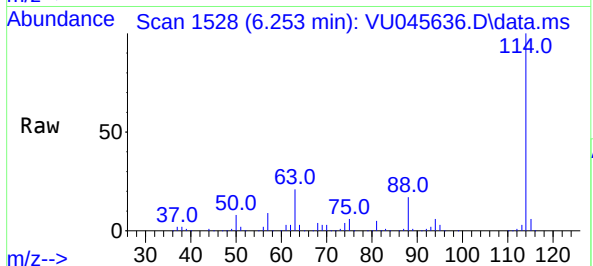




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

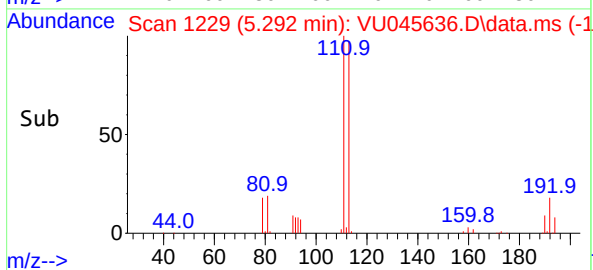
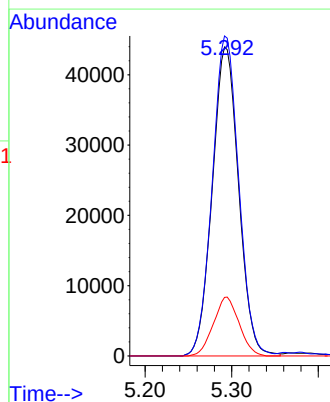
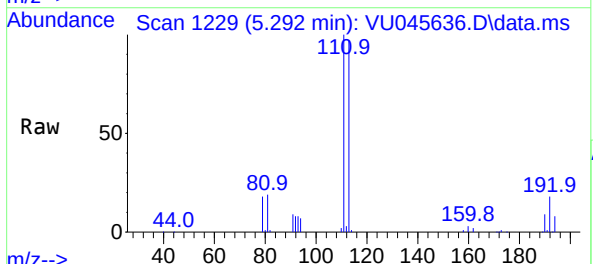
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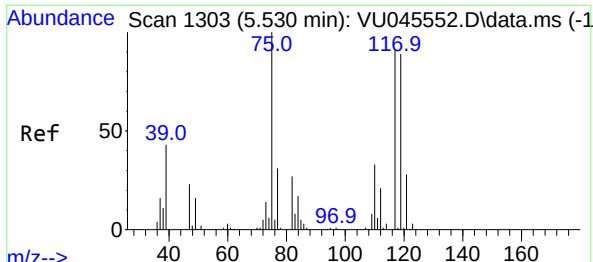
Tgt Ion:114 Resp: 278733
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.6
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.959 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Tgt Ion:113 Resp: 92971
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 18.6 14.8 22.2

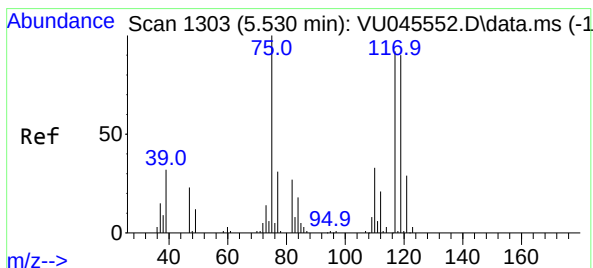
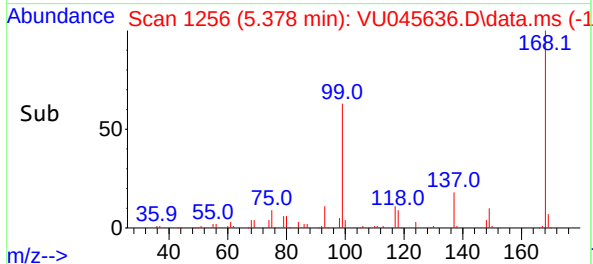
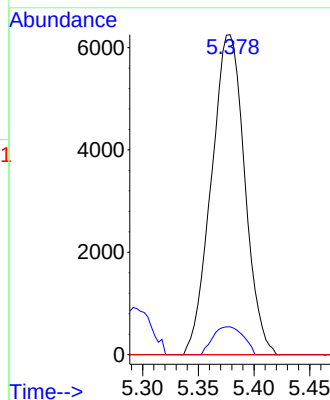
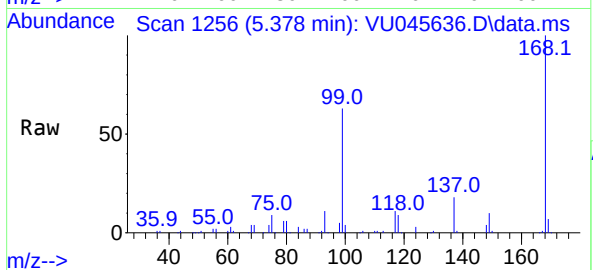




#36
1,1-Dichloropropene
Concen: 4.792 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

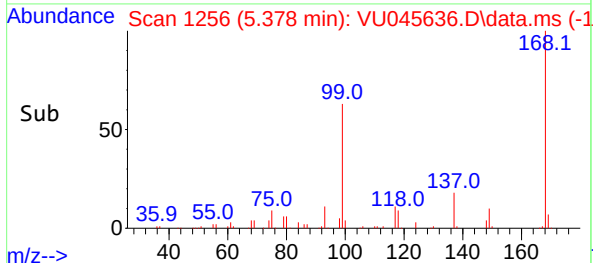
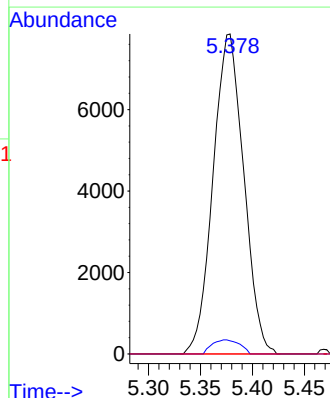
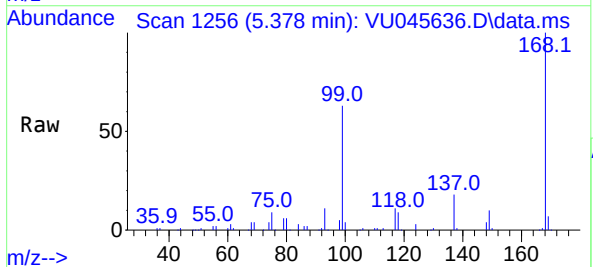
Instrument :
MSVOA_U
ClientSampleId :
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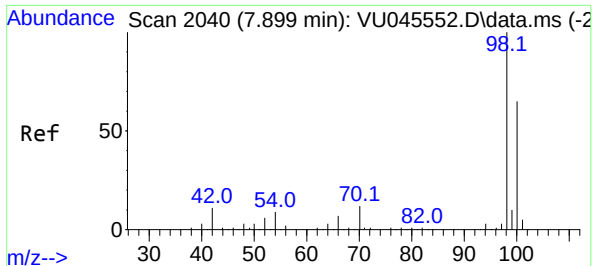
Tgt Ion: 75 Resp: 13024
Ion Ratio Lower Upper
75 100
110 8.0 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.880 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Tgt Ion: 117 Resp: 16112
Ion Ratio Lower Upper
117 100
119 4.1 77.4 116.0#
121 0.0 24.8 37.2#

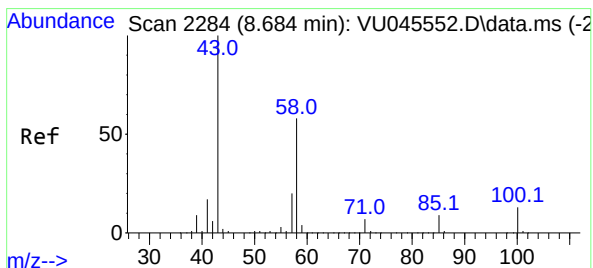
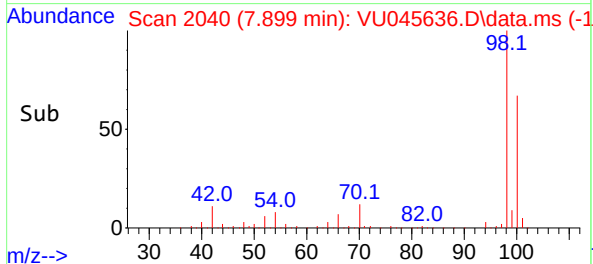
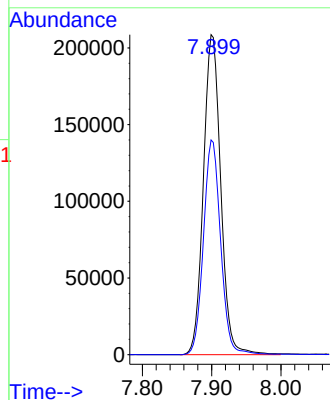
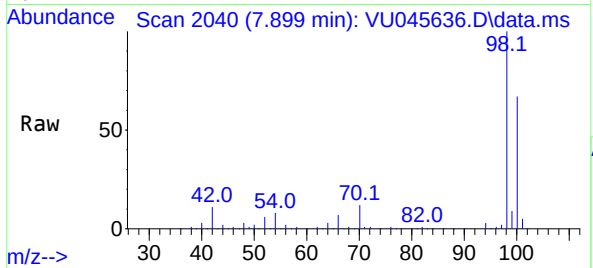




#50
Toluene-d8
Concen: 52.474 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

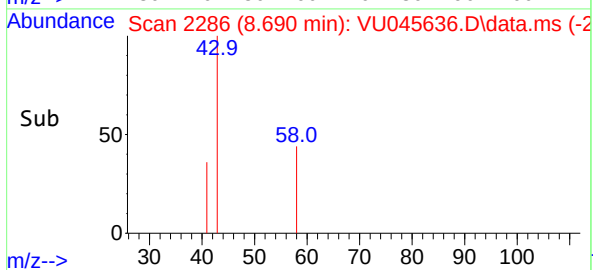
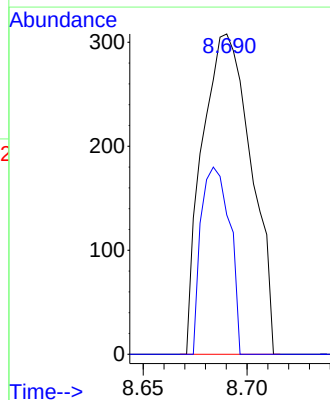
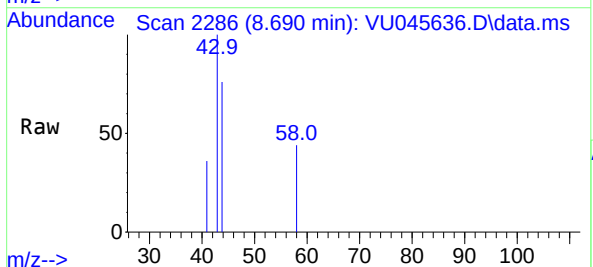
Instrument :
MSVOA_U
ClientSampleId :
MW-16

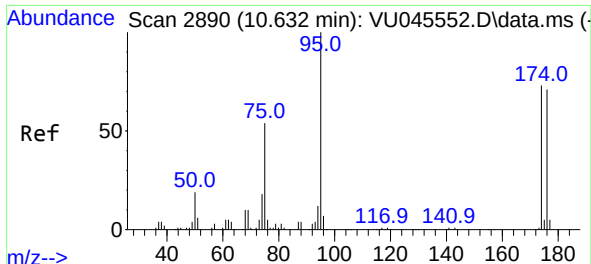
Tgt Ion: 98 Resp: 363116
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#59
2-Hexanone
Concen: 7.714 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
58 34.3 29.5 88.6

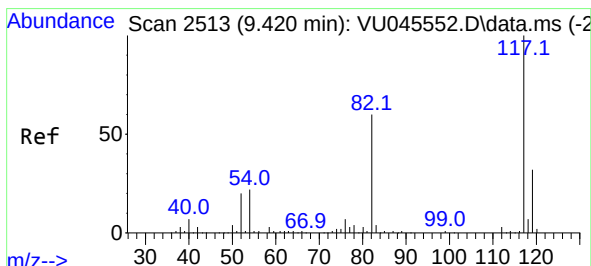
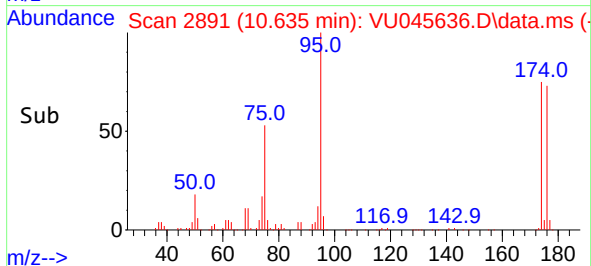
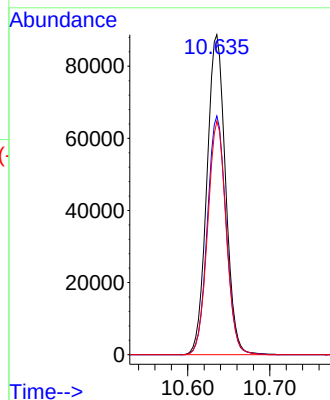
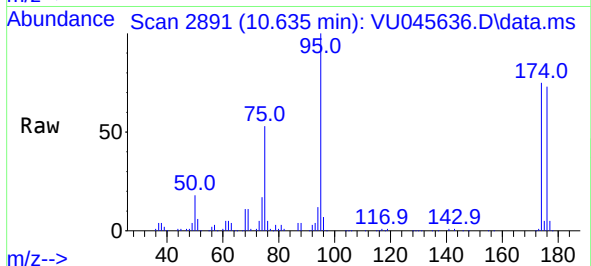




#62
4-Bromofluorobenzene
Concen: 50.492 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

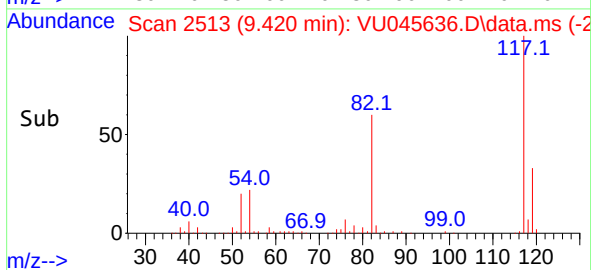
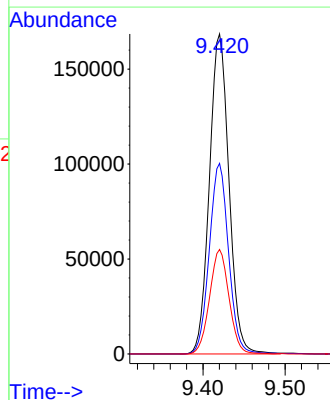
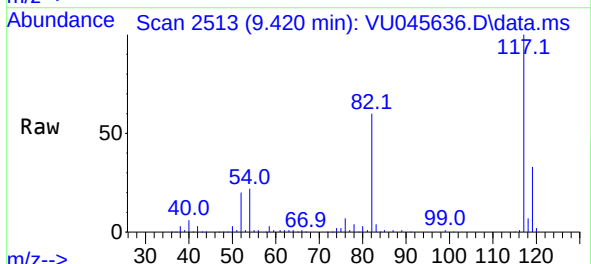
Instrument :
MSVOA_U
ClientSampleId :
MW-16

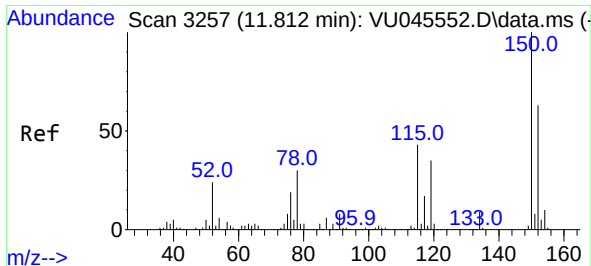
Tgt Ion: 95 Resp: 140108
Ion Ratio Lower Upper
95 100
174 74.8 0.0 141.8
176 72.1 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Tgt Ion: 117 Resp: 279003
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.7 25.8 38.8

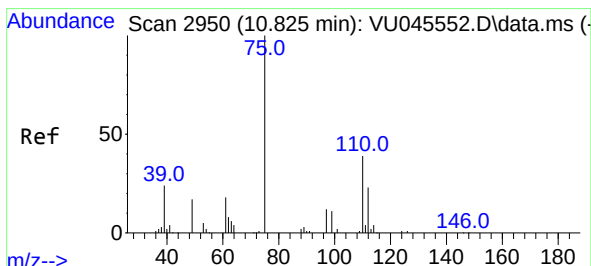
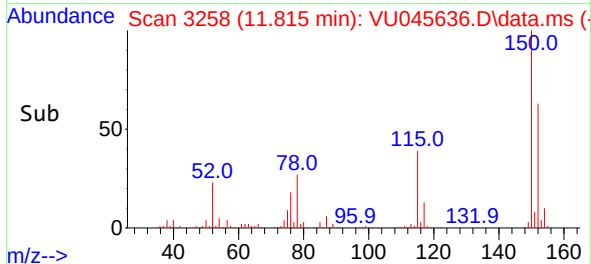
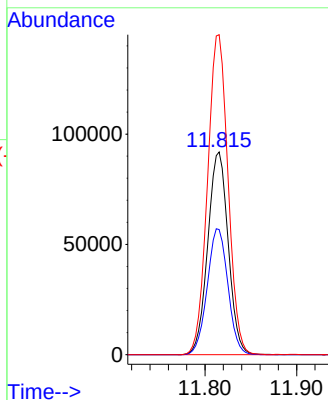
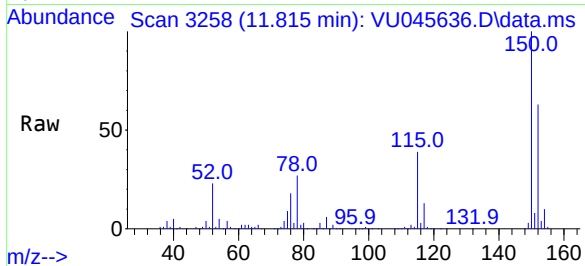




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

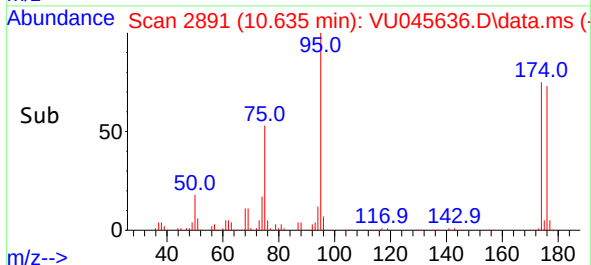
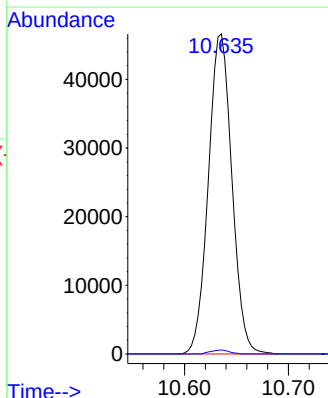
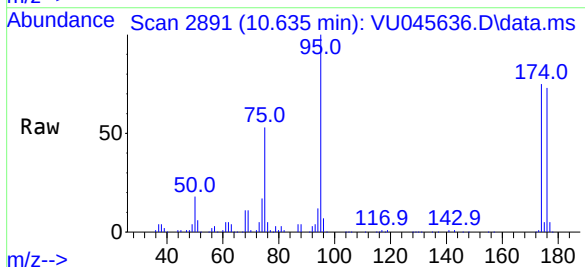
Instrument :
MSVOA_U
ClientSampleId :
MW-16

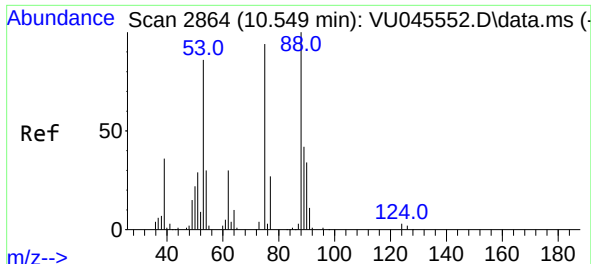
Tgt Ion:152 Resp: 142455
Ion Ratio Lower Upper
152 100
115 62.6 42.7 128.1
150 157.9 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.018 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Tgt Ion: 75 Resp: 73519
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#

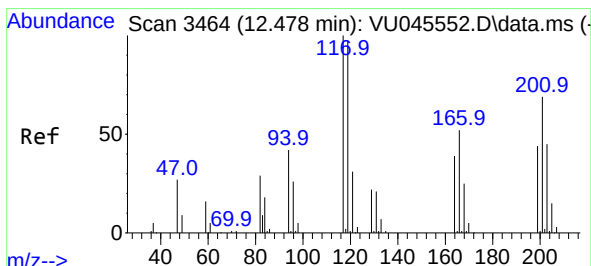
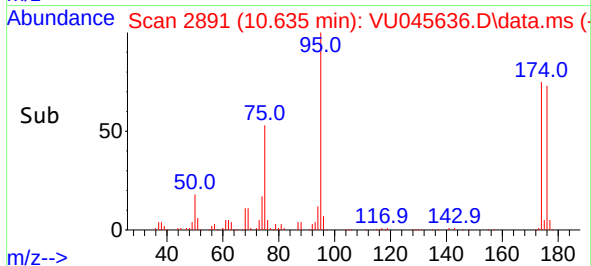
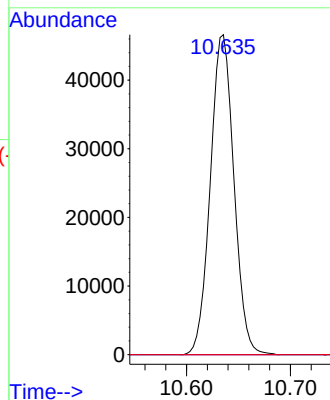
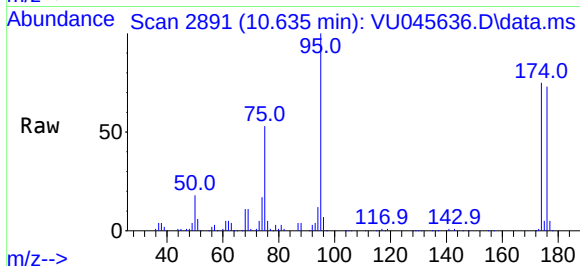




#81
trans-1,4-Dichloro-2-butene
Concen: 55.406 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

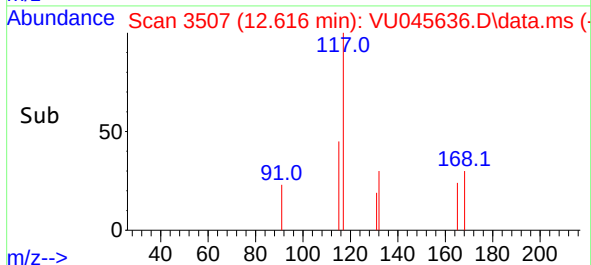
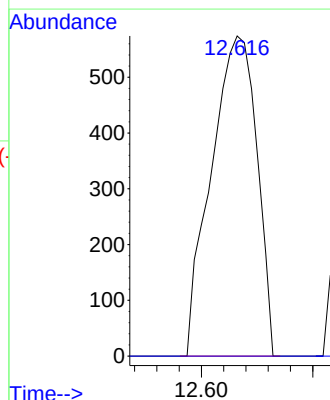
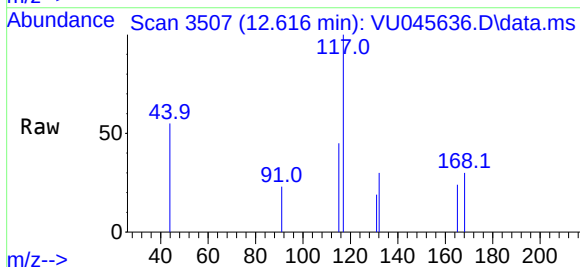
Instrument :
MSVOA_U
ClientSampleId :
MW-16

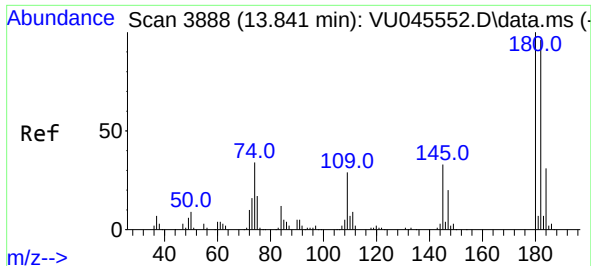
Tgt Ion: 75 Resp: 73519
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#90
Hexachloroethane
Concen: 0.528 ug/l
RT: 12.616 min Scan# 3507
Delta R.T. 0.138 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Tgt Ion: 117 Resp: 818
Ion Ratio Lower Upper
117 100
201 0.0 33.8 101.4#

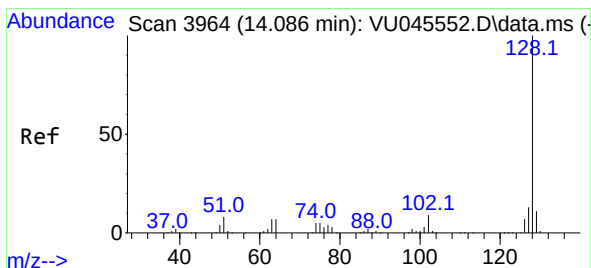
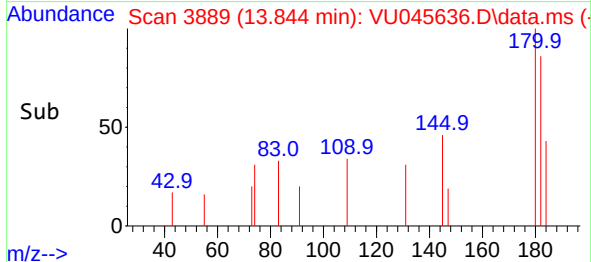
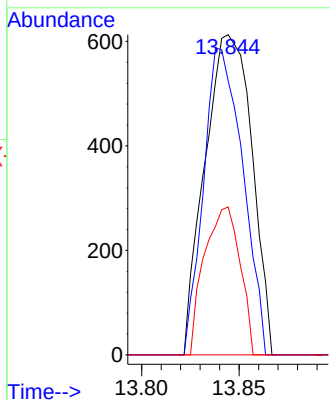
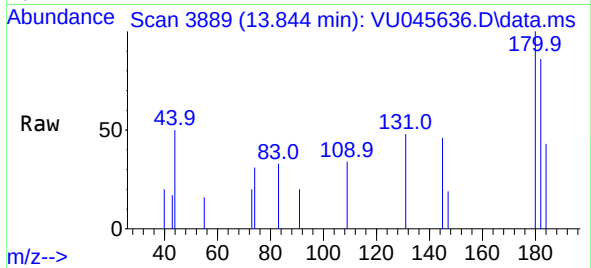




#93
1,2,4-Trichlorobenzene
Concen: 0.335 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

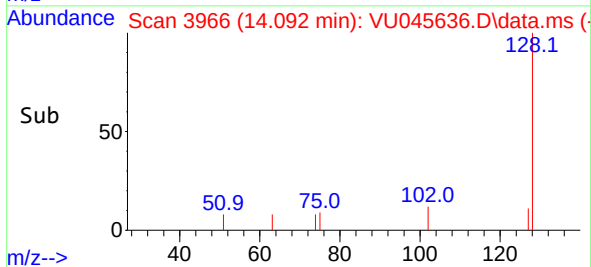
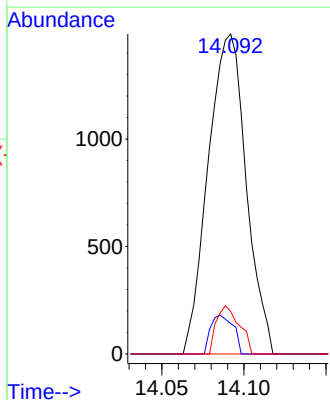
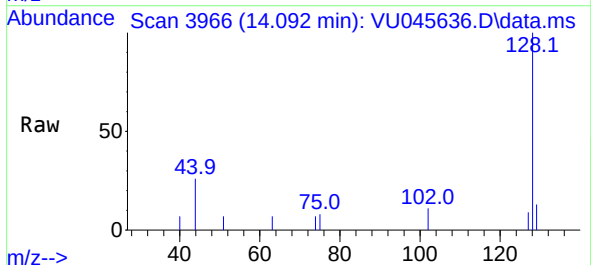
Instrument :
MSVOA_U
ClientSampleId :
MW-16

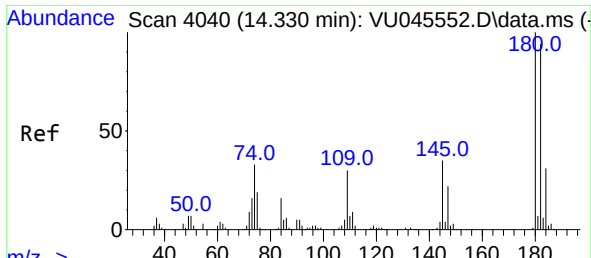
Tgt Ion:180 Resp: 1029
Ion Ratio Lower Upper
180 100
182 79.8 47.0 141.2
145 34.9 15.6 46.7



#95
Naphthalene
Concen: 1.232 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045636.D
Acq: 08 Nov 2021 23:59

Tgt Ion:128 Resp: 2398
Ion Ratio Lower Upper
128 100
127 7.2 10.6 15.8#
129 9.0 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.248 ug/l

RT: 14.333 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU045636.D

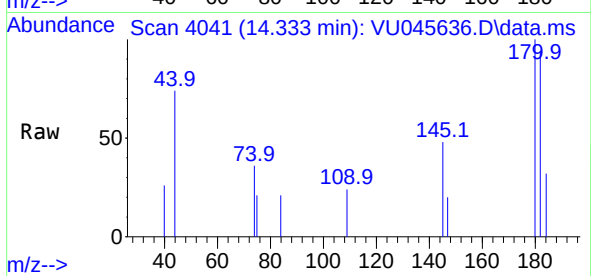
Acq: 08 Nov 2021 23:59

Instrument :

MSVOA_U

ClientSampleId :

MW-16



Tgt Ion:180 Resp: 756

Ion Ratio Lower Upper

180 100

182 103.4 47.7 143.1

145 57.7 16.7 50.0#

