

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045025.D
 Acq On : 30 Sep 2021 04:38
 Operator : SY/MD
 Sample : M3952-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1D

Quant Time: Sep 30 05:30:09 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)

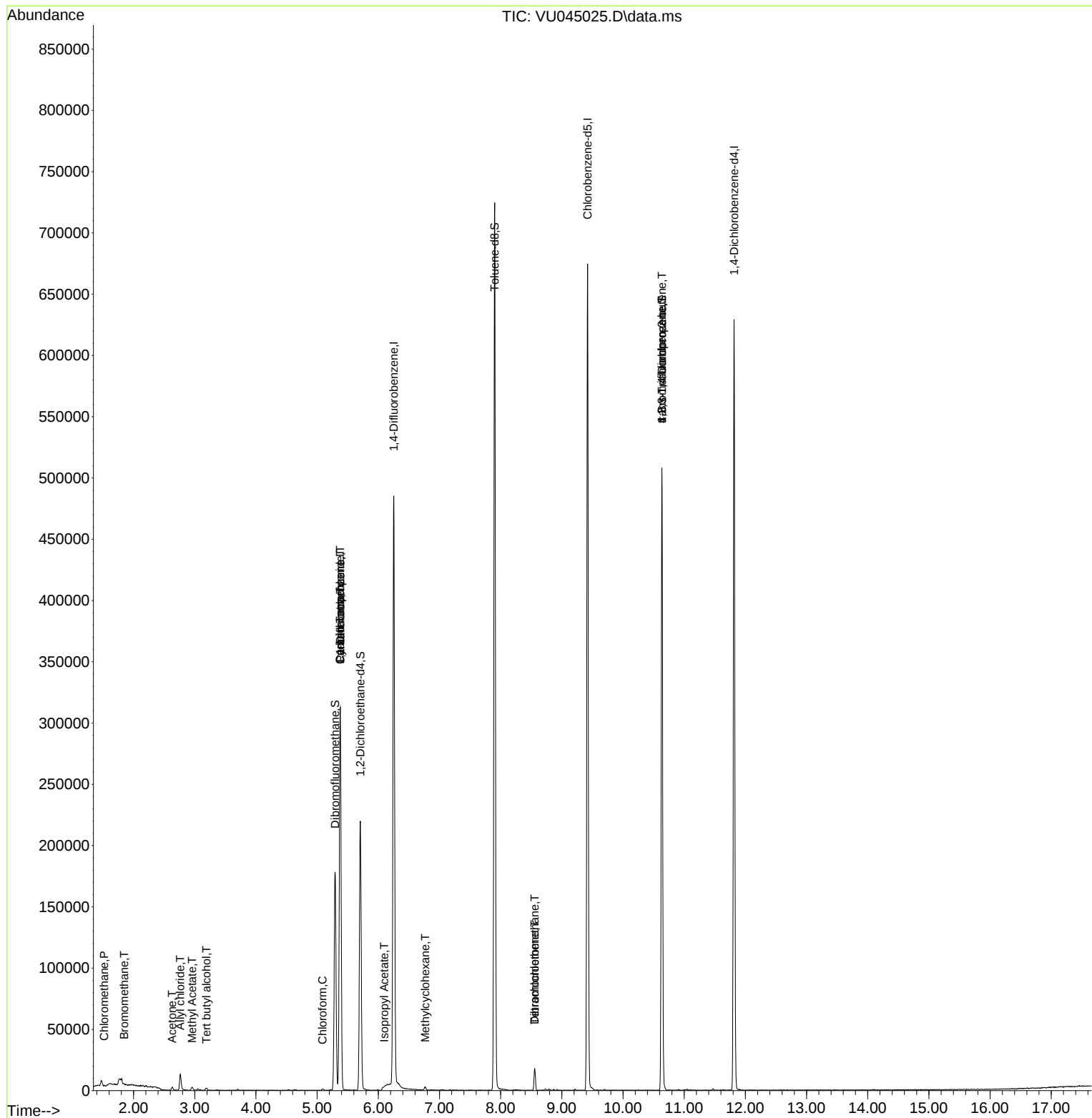
Internal Standards						
1) Pentafluorobenzene	5.378	168	205824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	367530	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	343548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	154732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	164447	47.997	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.000%
35) Dibromofluoromethane	5.295	113	114673	49.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.920%
50) Toluene-d8	7.902	98	465923	50.861	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.720%
62) 4-Bromofluorobenzene	10.636	95	167483	44.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	736	0.223	ug/l	100
5) Bromomethane	1.848	94	356	0.275	ug/l #	80
11) Tert butyl alcohol	3.192	59	1196	1.216	ug/l #	72
14) Allyl chloride	2.761	41	1433	0.317	ug/l #	64
16) Acetone	2.629	43	2782	1.368	ug/l	99
18) Methyl Acetate	2.954	43	3277	0.551	ug/l	96
30) Chloroform	5.089	83	1136	0.213	ug/l	88
31) Cyclohexane	5.375	56	5495	1.056	ug/l #	6
36) 1,1-Dichloropropene	5.375	75	19453	5.061	ug/l #	50
38) Carbon Tetrachloride	5.375	117	22082	6.640	ug/l #	15
39) Methylcyclohexane	6.767	83	1087	0.230	ug/l	96
43) Isopropyl Acetate	6.099	43	2710	0.354	ug/l #	61
60) Dibromochloromethane	8.555	129	3609	3.267	ug/l #	10
64) Tetrachloroethene	8.555	164	3809	1.699	ug/l	94
76) 1,2,3-Trichloropropane	10.636	75	91280	20.225	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	91280	56.128	ug/l #	9

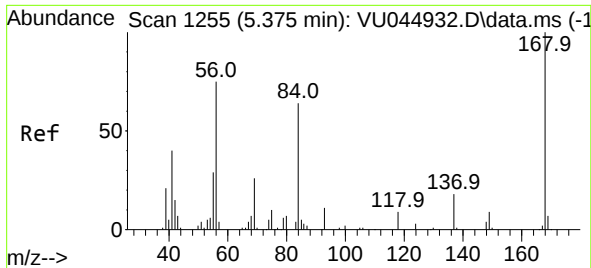
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
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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

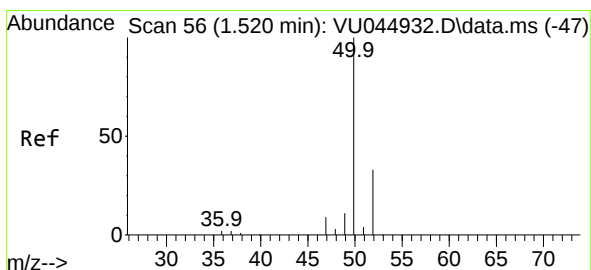
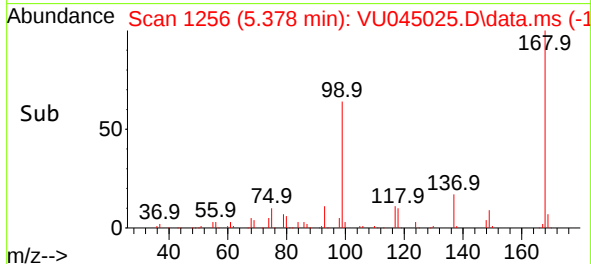
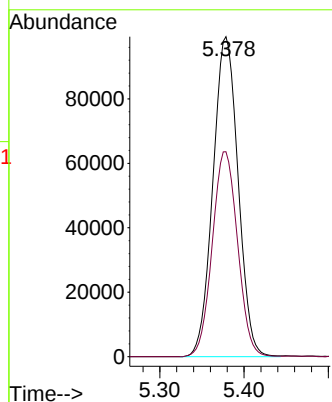
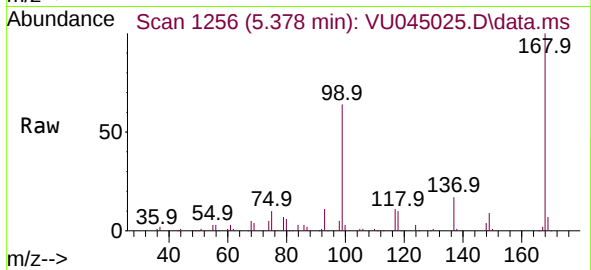




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

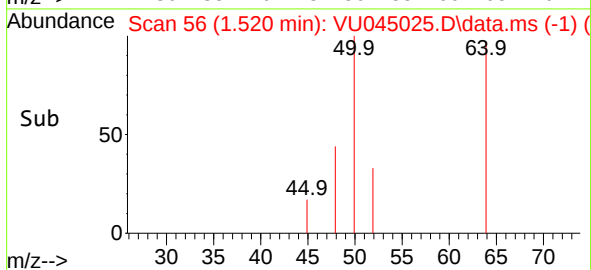
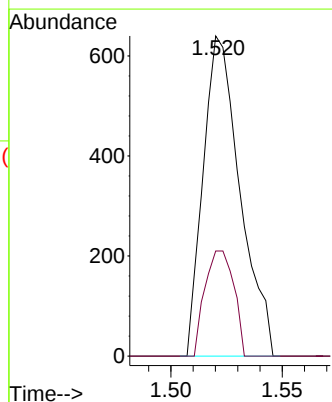
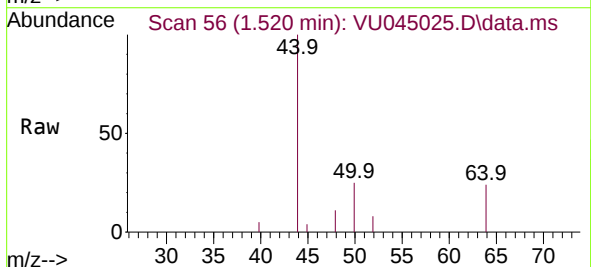
Instrument :
MSVOA_U
ClientSampleId :
MW-1D

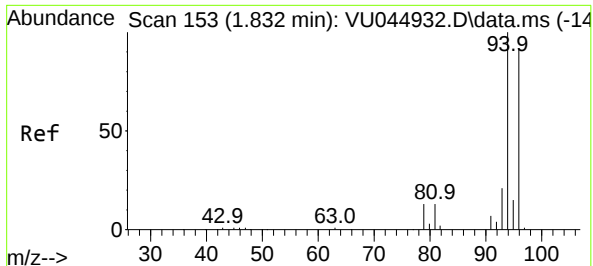
Tgt Ion:168 Resp: 205824
Ion Ratio Lower Upper
168 100
99 64.0 51.4 77.0



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

Tgt Ion: 50 Resp: 736
Ion Ratio Lower Upper
50 100
52 32.8 26.3 39.5

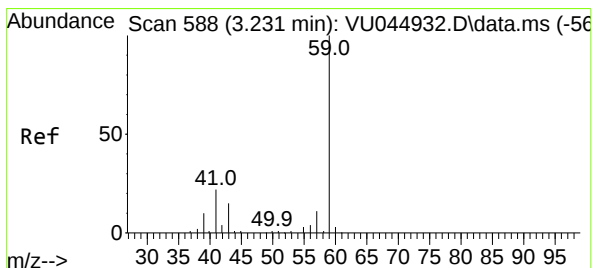
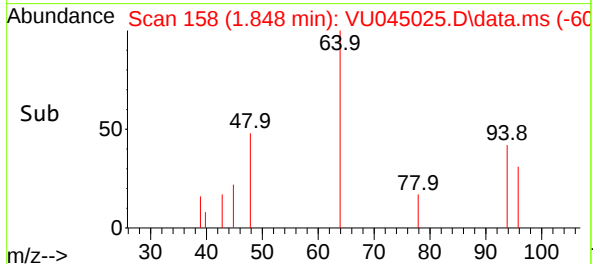
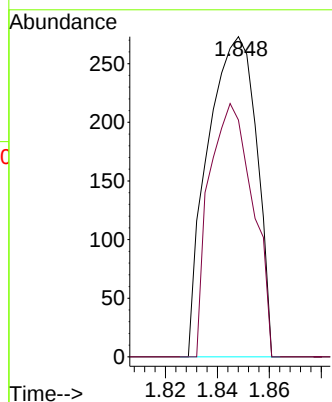
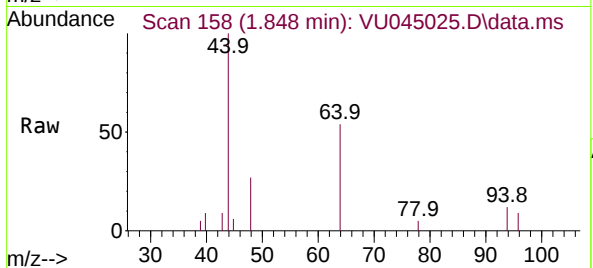




#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.848 min Scan# 158
Delta R.T. 0.016 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

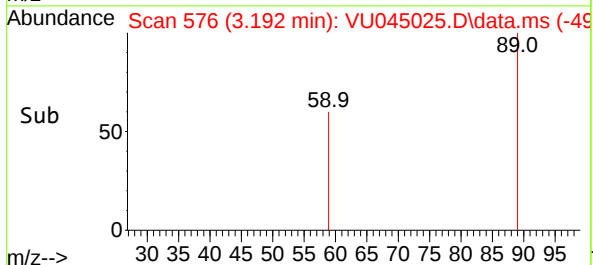
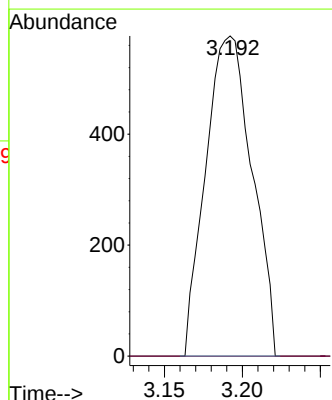
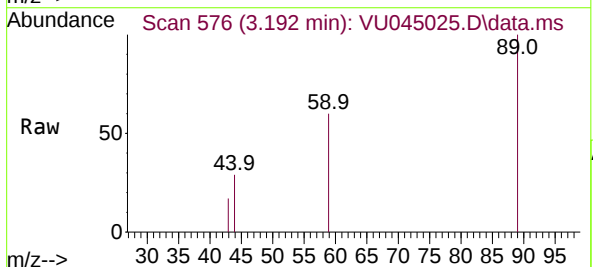
Instrument :
MSVOA_U
ClientSampleId :
MW-1D

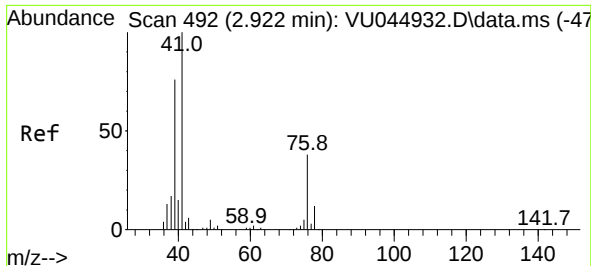
Tgt Ion: 94 Resp: 356
Ion Ratio Lower Upper
94 100
96 74.0 74.5 111.7#



#11
Tert butyl alcohol
Concen: 1.216 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.039 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

Tgt Ion: 59 Resp: 1196
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.317 ug/l

RT: 2.761 min Scan# 442

Delta R.T. -0.161 min

Lab File: VU045025.D

Acq: 30 Sep 2021 04:38

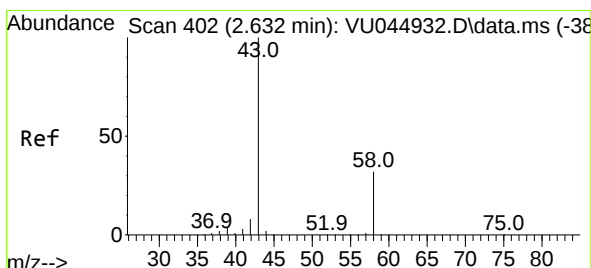
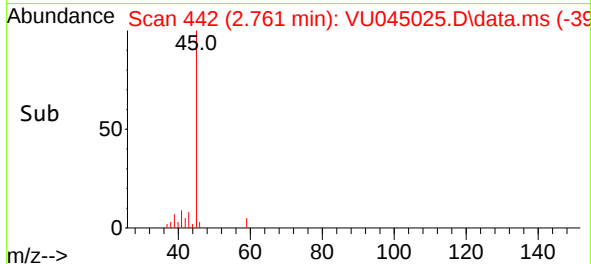
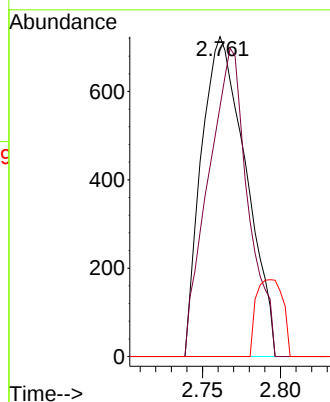
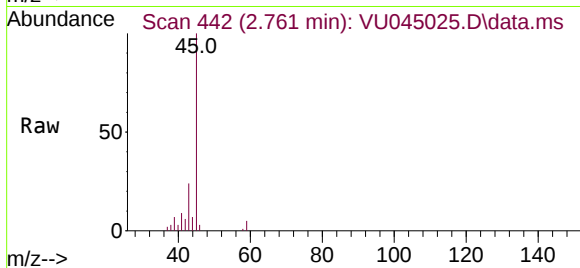
Instrument :

MSVOA_U

ClientSampleId :

MW-1D

Tgt Ion: 41	Resp: 1433
Ion Ratio	Lower Upper
41 100	
39 86.5	53.0 79.6#
76 0.0	25.7 38.5#



#16

Acetone

Concen: 1.368 ug/l

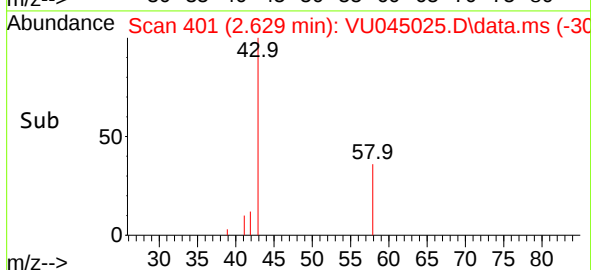
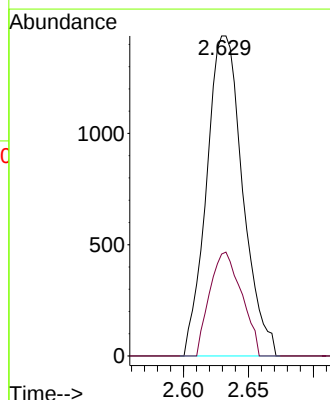
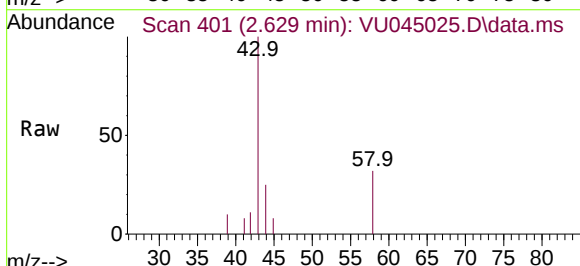
RT: 2.629 min Scan# 401

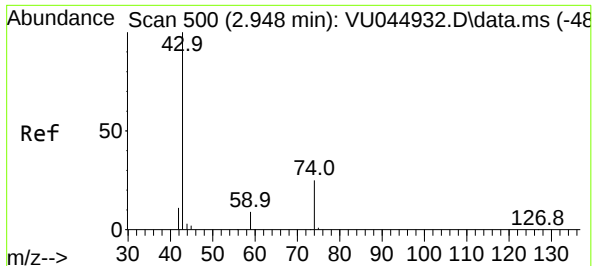
Delta R.T. -0.003 min

Lab File: VU045025.D

Acq: 30 Sep 2021 04:38

Tgt Ion: 43	Resp: 2782
Ion Ratio	Lower Upper
43 100	
58 31.8	25.2 37.8





#18

Methyl Acetate

Concen: 0.551 ug/l

RT: 2.954 min Scan# 502

Delta R.T. 0.006 min

Lab File: VU045025.D

Acq: 30 Sep 2021 04:38

Instrument :

MSVOA_U

ClientSampleId :

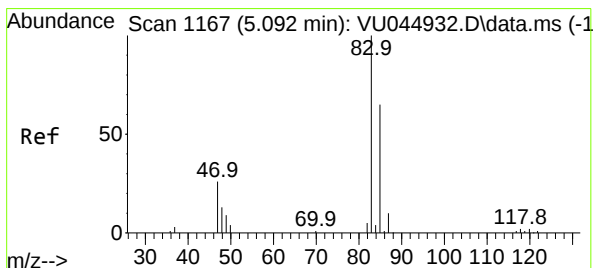
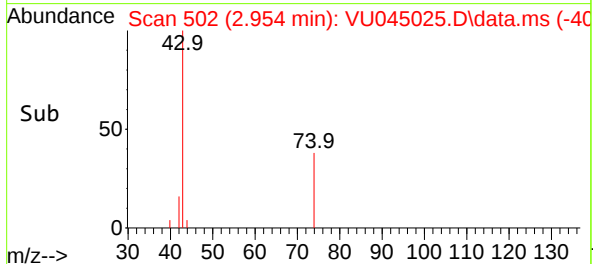
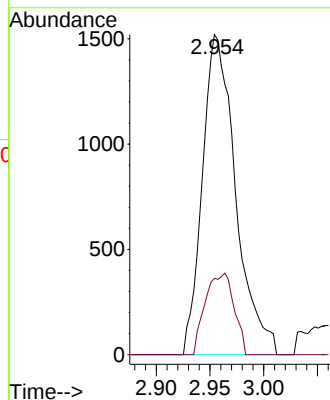
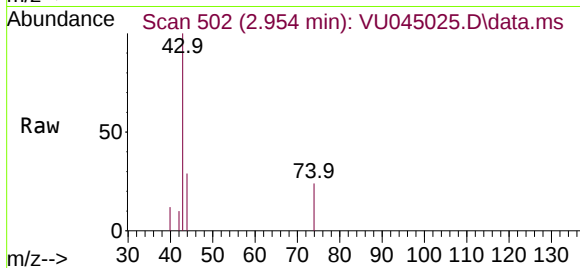
MW-1D

Tgt Ion: 43 Resp: 3277

Ion Ratio Lower Upper

43 100

74 21.9 19.0 28.6



#30

Chloroform

Concen: 0.213 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU045025.D

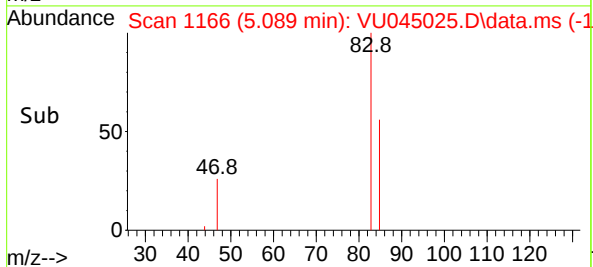
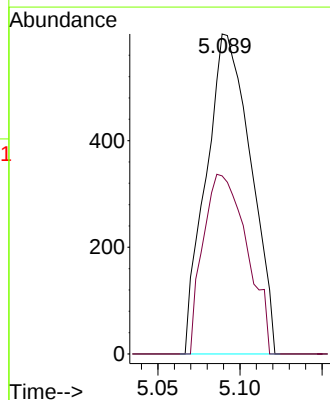
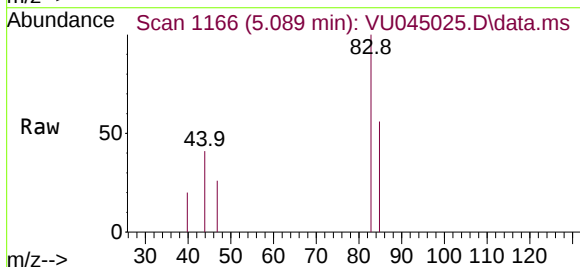
Acq: 30 Sep 2021 04:38

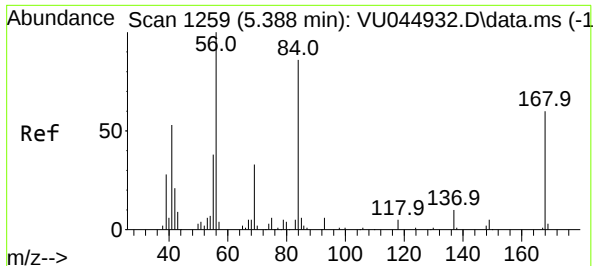
Tgt Ion: 83 Resp: 1136

Ion Ratio Lower Upper

83 100

85 55.7 52.1 78.1

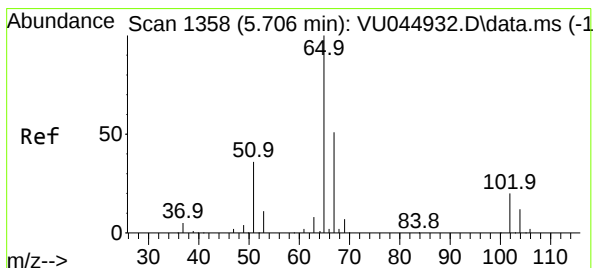
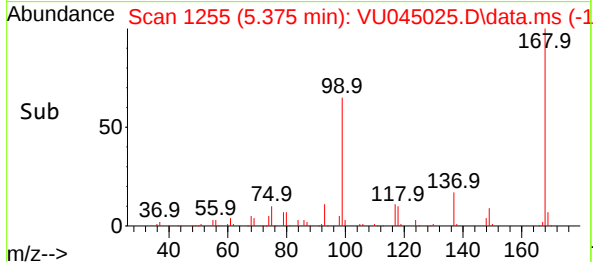
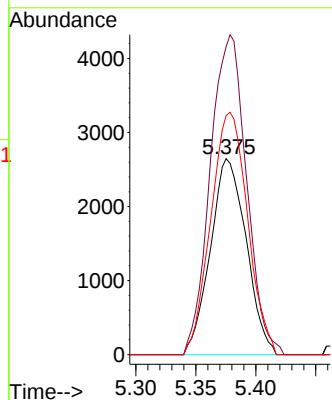
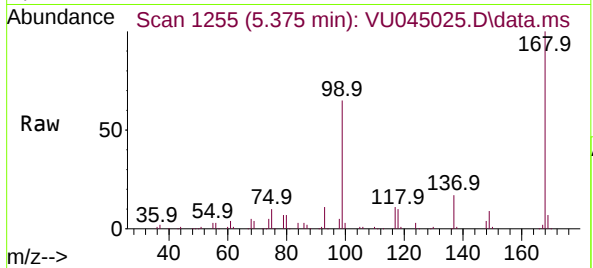




#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.013 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

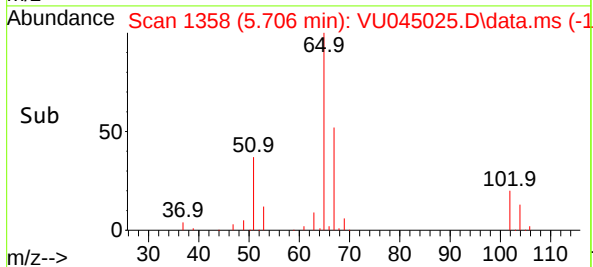
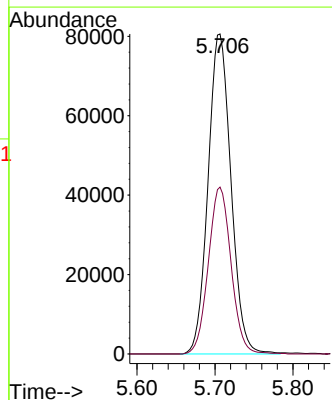
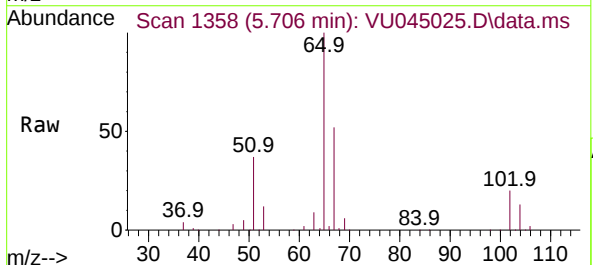
Instrument :
MSVOA_U
ClientSampled :
MW-1D

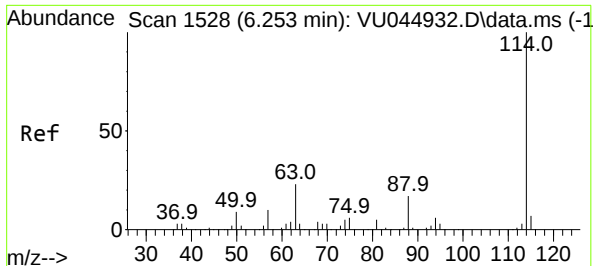
Tgt Ion: 56 Resp: 5495
Ion Ratio Lower Upper
56 100
69 157.1 25.2 37.8#
84 121.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 47.997 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

Tgt Ion: 65 Resp: 164447
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

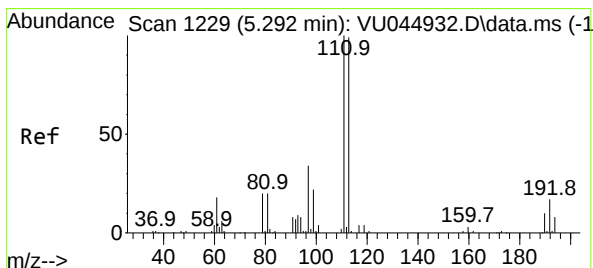
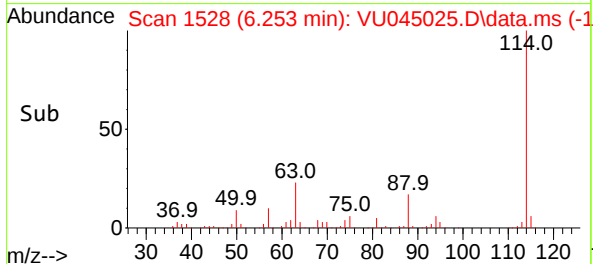
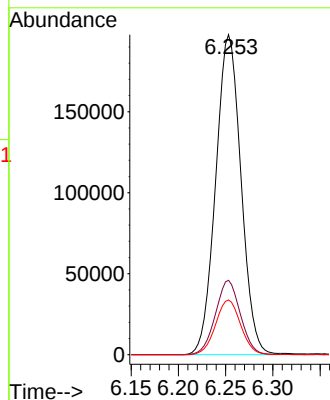
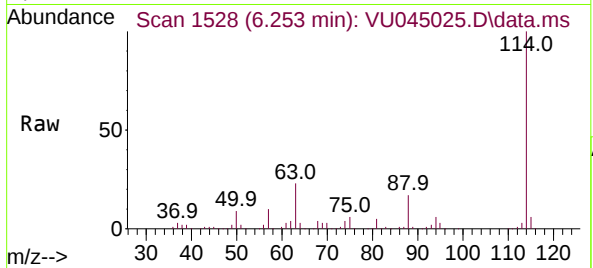




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

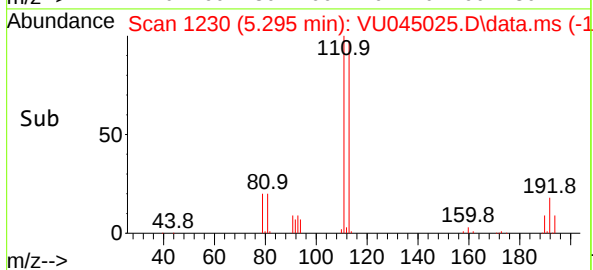
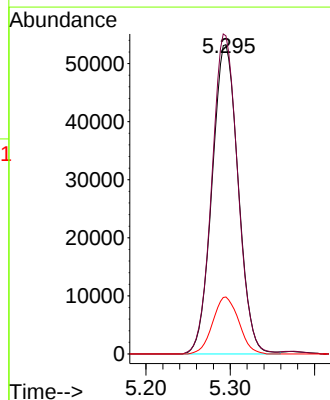
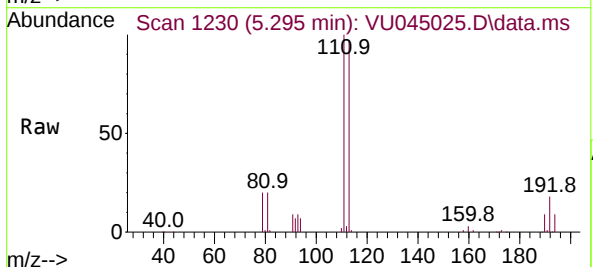
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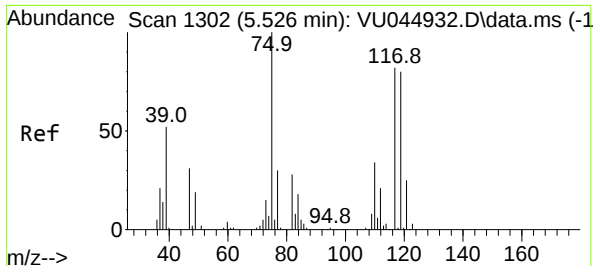
Tgt Ion:114 Resp: 367530
Ion Ratio Lower Upper
114 100
63 23.2 0.0 47.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.460 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

Tgt Ion:113 Resp: 114673
Ion Ratio Lower Upper
113 100
111 102.4 84.1 126.1
192 18.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.061 ug/l

RT: 5.375 min Scan# 1255

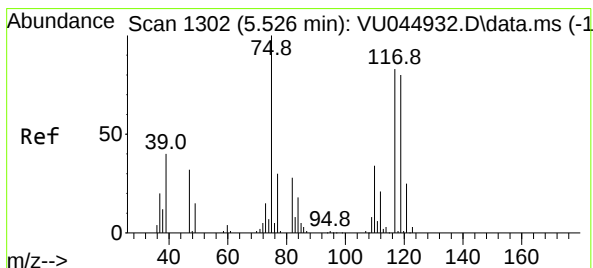
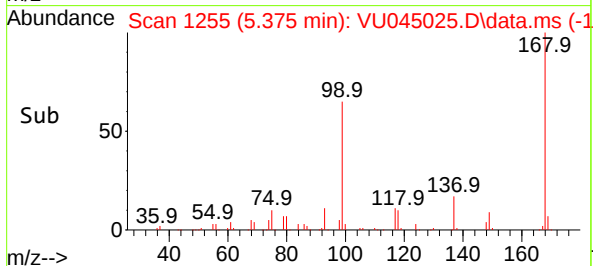
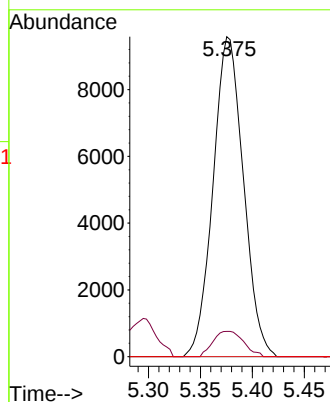
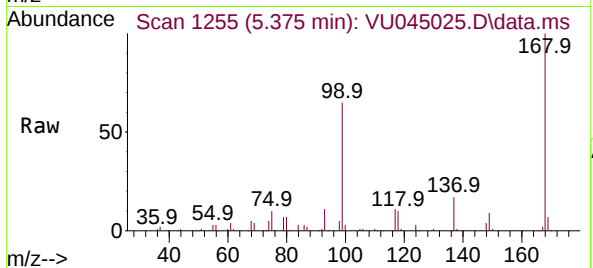
Delta R.T. -0.151 min

Lab File: VU045025.D

Acq: 30 Sep 2021 04:38

Tgt Ion:	75	Resp:	19453
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampled :
MW-1D



#38

Carbon Tetrachloride

Concen: 6.640 ug/l

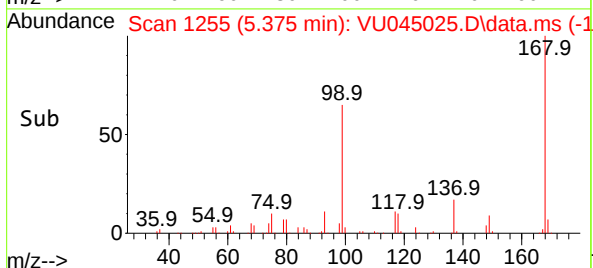
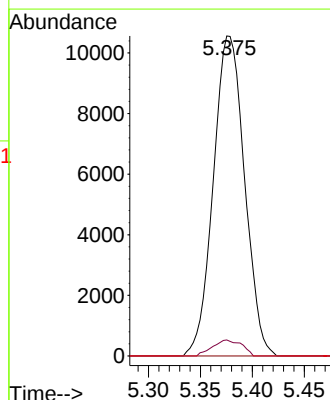
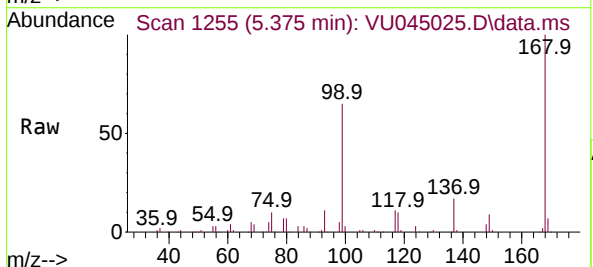
RT: 5.375 min Scan# 1255

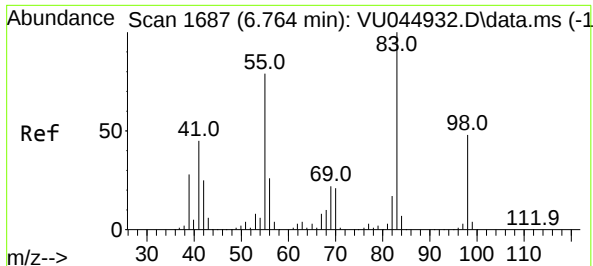
Delta R.T. -0.151 min

Lab File: VU045025.D

Acq: 30 Sep 2021 04:38

Tgt Ion:	117	Resp:	22082
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.4	116.2#
121	0.0	24.5	36.7#





#39

Methylcyclohexane

Concen: 0.230 ug/l

RT: 6.767 min Scan# 1688

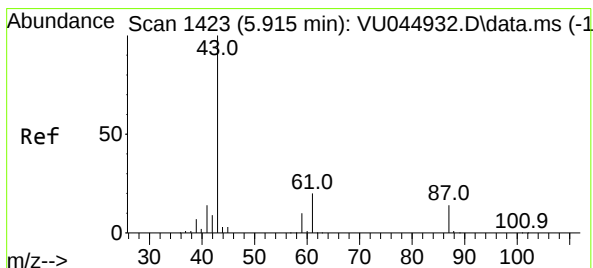
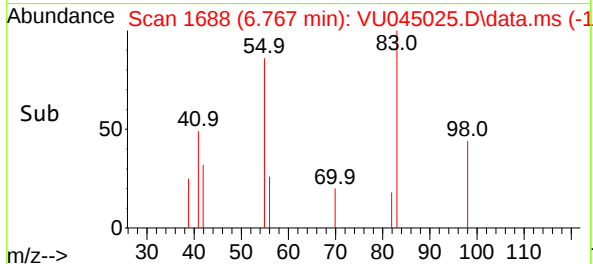
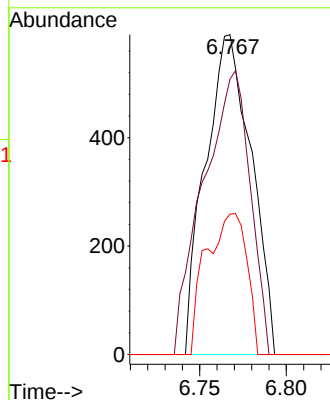
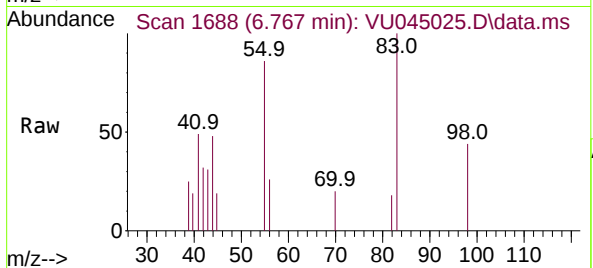
Delta R.T. 0.003 min

Lab File: VU045025.D

Acq: 30 Sep 2021 04:38

Tgt Ion:	83	Resp:	1087
Ion	Ratio	Lower	Upper
83	100		
55	86.1	66.2	99.4
98	43.9	37.5	56.3

Instrument :
MSVOA_U
ClientSampleId :
MW-1D



#43

Isopropyl Acetate

Concen: 0.354 ug/l

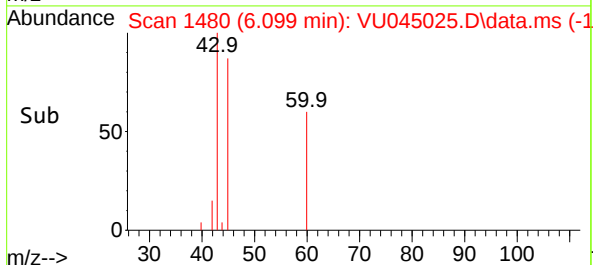
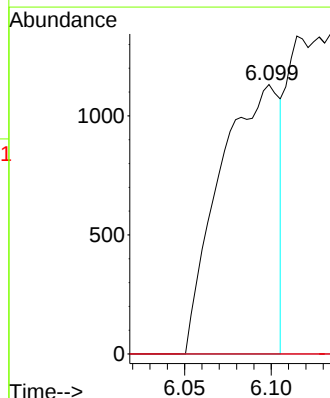
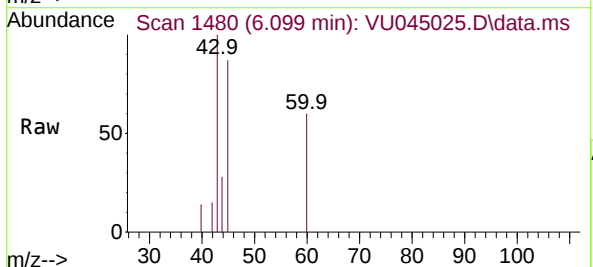
RT: 6.099 min Scan# 1480

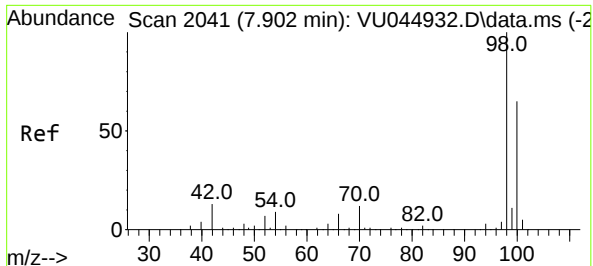
Delta R.T. 0.184 min

Lab File: VU045025.D

Acq: 30 Sep 2021 04:38

Tgt Ion:	43	Resp:	2710
Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.1	24.1#
87	0.0	10.3	15.5#





#50

Toluene-d8

Concen: 50.861 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU045025.D

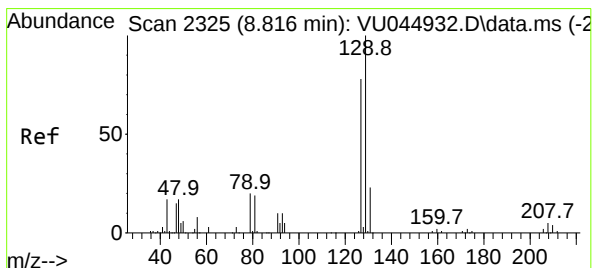
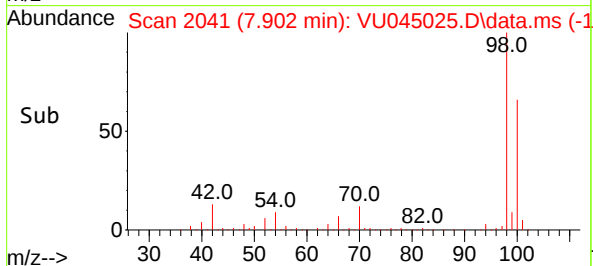
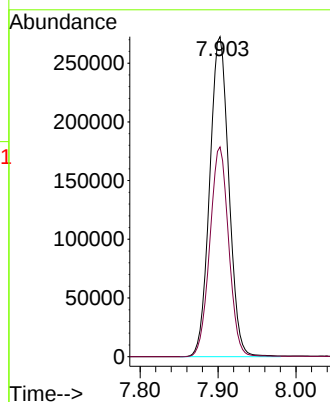
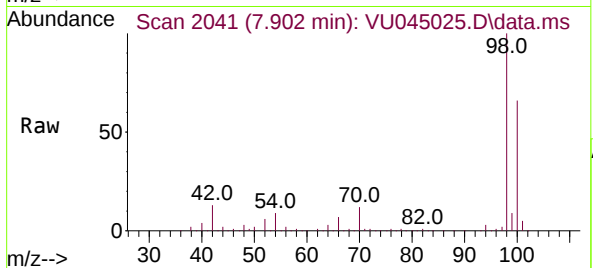
Acq: 30 Sep 2021 04:38

Tgt Ion: 98 Resp: 465923

Ion Ratio Lower Upper

98 100

100 64.5 52.5 78.7



#60

Dibromochloromethane

Concen: 3.267 ug/l

RT: 8.555 min Scan# 2244

Delta R.T. -0.261 min

Lab File: VU045025.D

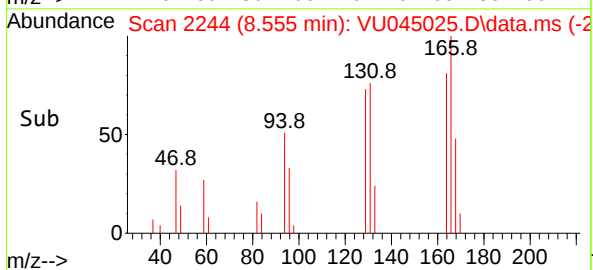
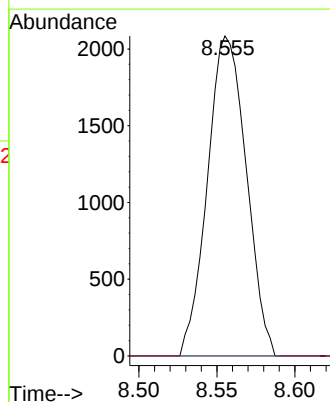
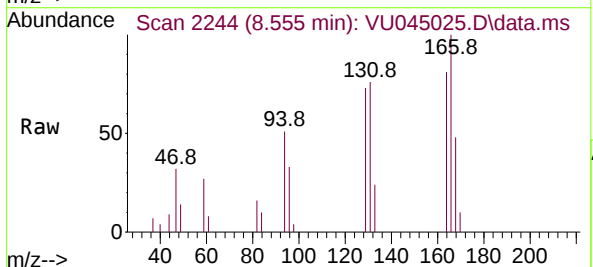
Acq: 30 Sep 2021 04:38

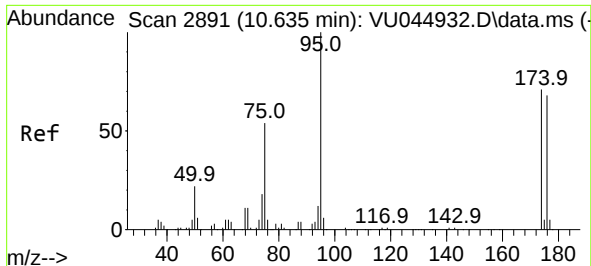
Tgt Ion: 129 Resp: 3609

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

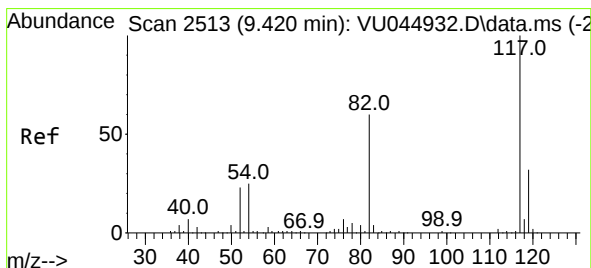
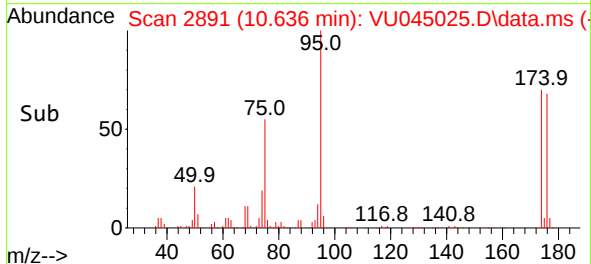
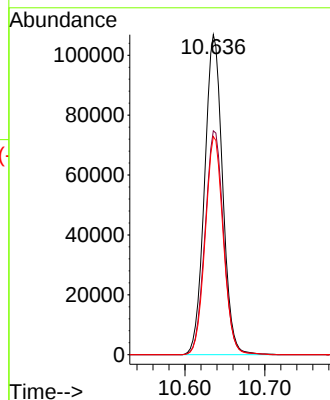
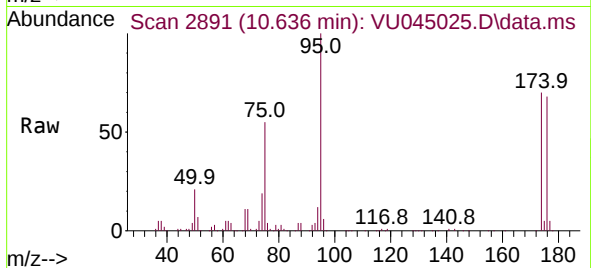




#62
4-Bromofluorobenzene
Concen: 44.283 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

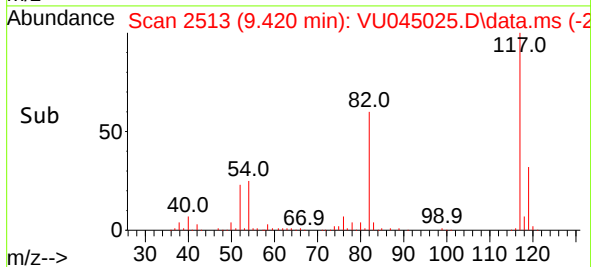
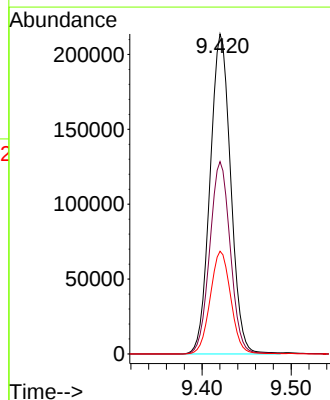
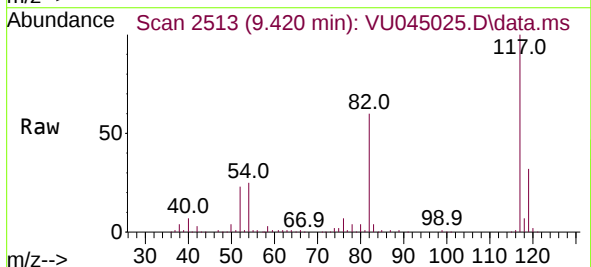
Instrument :
MSVOA_U
ClientSampleId :
MW-1D

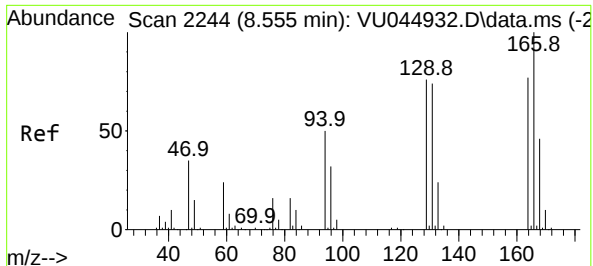
Tgt Ion: 95 Resp: 167483
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.6
176 68.5 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

Tgt Ion: 117 Resp: 343548
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 32.1 25.8 38.6



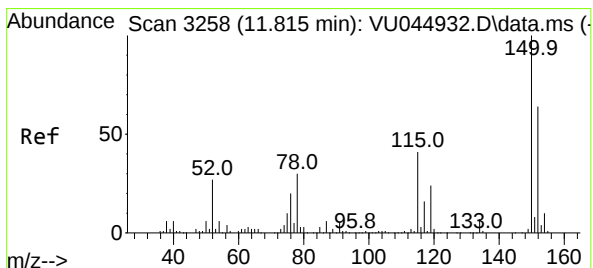
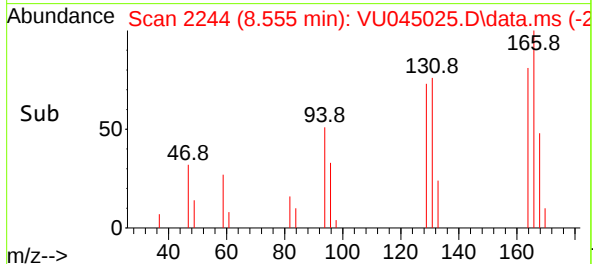
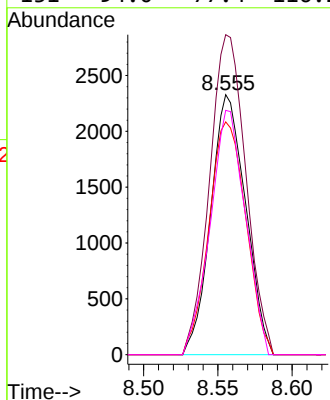
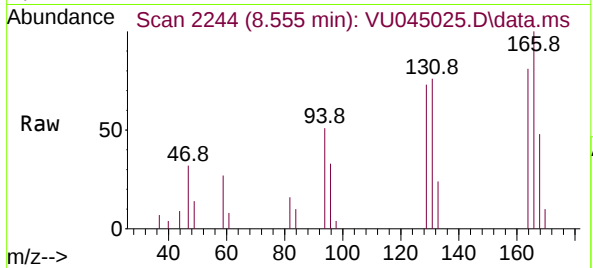


#64
Tetrachloroethene
Concen: 1.699 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

Instrument :
MSVOA_U
ClientSampleId :
MW-1D

Tgt Ion:164 Resp: 3809

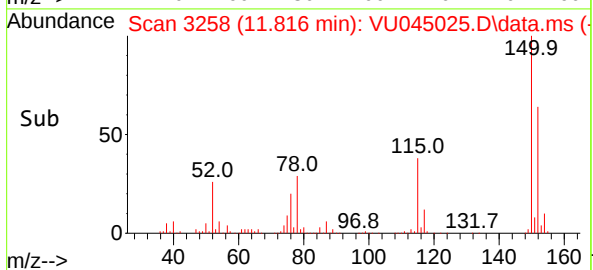
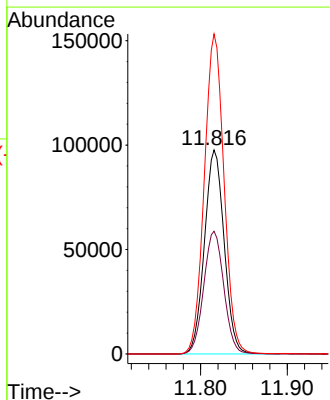
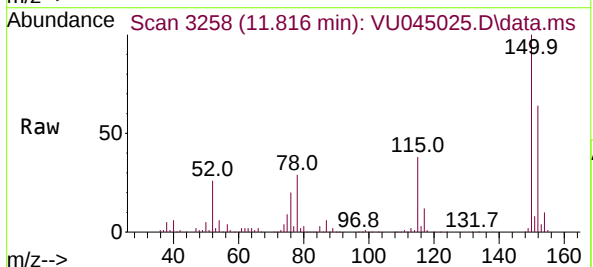
Ion	Ratio	Lower	Upper
164	100		
166	123.1	102.8	154.2
129	89.6	79.4	119.2
131	94.0	77.4	116.2

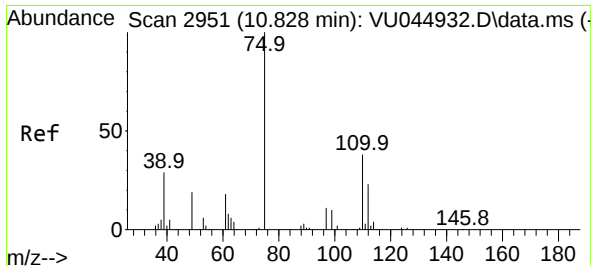


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

Tgt Ion:152 Resp: 154732

Ion	Ratio	Lower	Upper
152	100		
115	61.1	43.5	130.7
150	156.4	0.0	350.0

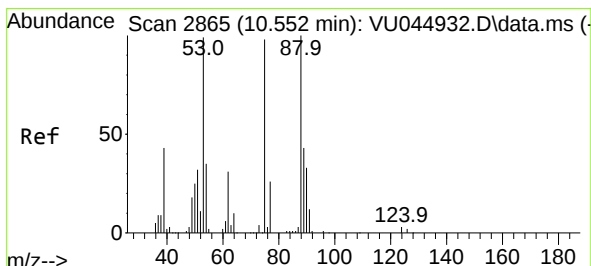
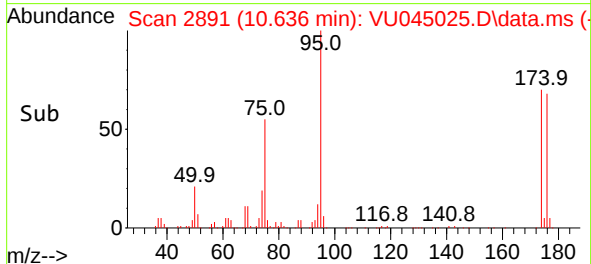
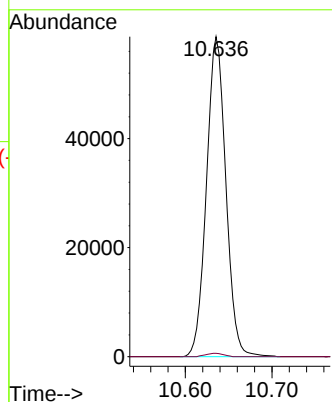
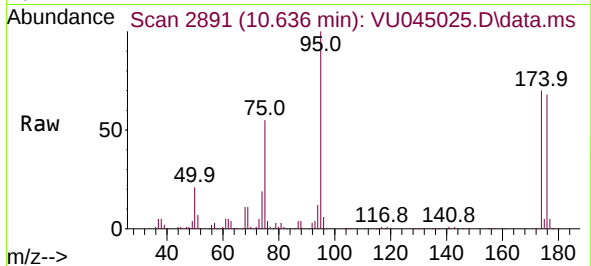




#76
1,2,3-Trichloropropane
Concen: 20.225 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

Instrument :
MSVOA_U
ClientSampled :
MW-1D

Tgt Ion: 75 Resp: 91280
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.128 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU045025.D
Acq: 30 Sep 2021 04:38

Tgt Ion: 75 Resp: 91280
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

