

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045026.D
 Acq On : 30 Sep 2021 05:01
 Operator : SY/MD
 Sample : M3952-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

Quant Time: Sep 30 05:30:18 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)

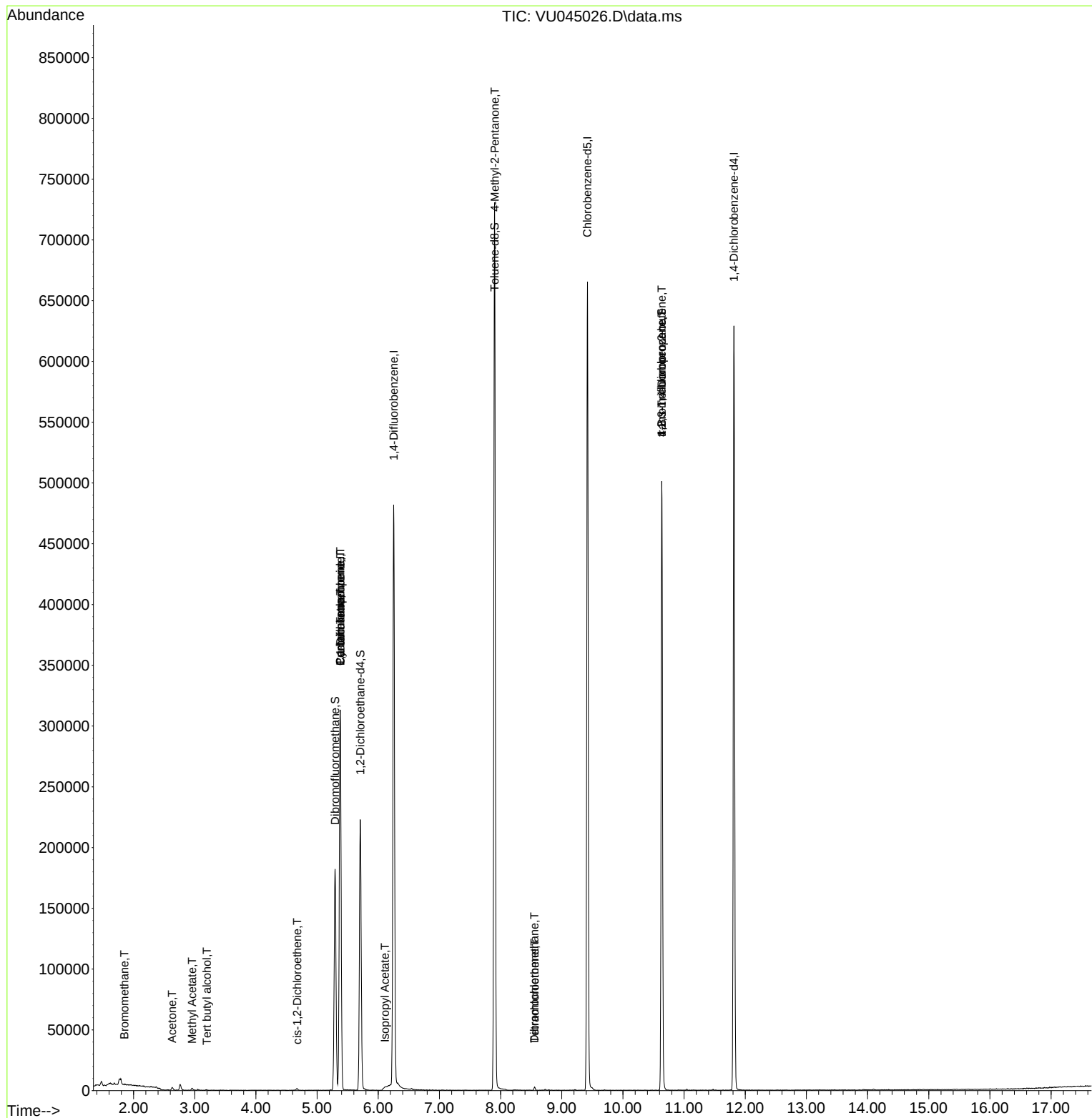
Internal Standards						
1) Pentafluorobenzene	5.378	168	206412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	368918	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	346047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	152002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	167437	48.730	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.460%
35) Dibromofluoromethane	5.295	113	116459	50.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.080%
50) Toluene-d8	7.903	98	466413	50.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.440%
62) 4-Bromofluorobenzene	10.636	95	165821	43.679	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.360%
Target Compounds						
					Qvalue	
5) Bromomethane	1.851	94	292	0.225	ug/l	82
11) Tert butyl alcohol	3.199	59	336	0.341	ug/l #	72
16) Acetone	2.629	43	2534	1.242	ug/l	100
18) Methyl Acetate	2.954	43	2142	0.359	ug/l #	86
27) cis-1,2-Dichloroethene	4.674	96	842	0.266	ug/l	80
31) Cyclohexane	5.378	56	5407	1.036	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	19458	5.044	ug/l #	49
38) Carbon Tetrachloride	5.378	117	21916	6.565	ug/l #	16
43) Isopropyl Acetate	6.108	43	2216	0.289	ug/l #	61
51) 4-Methyl-2-Pentanone	7.906	43	2365	0.423	ug/l #	1
60) Dibromochloromethane	8.552	129	592	2.354	ug/l #	10
64) Tetrachloroethene	8.555	164	524	0.232	ug/l	96
76) 1,2,3-Trichloropropane	10.636	75	89772	20.248	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	89772	56.192	ug/l #	9

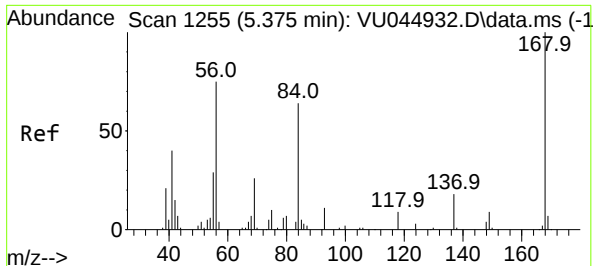
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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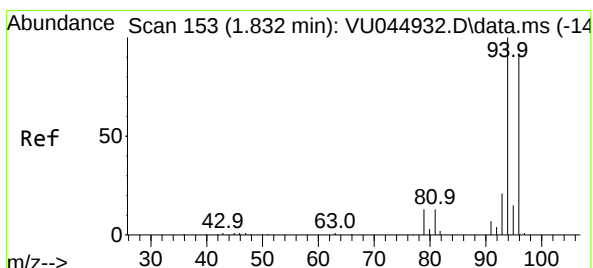
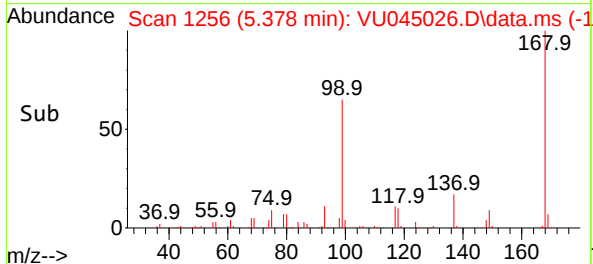
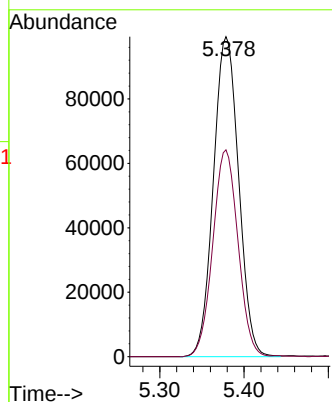
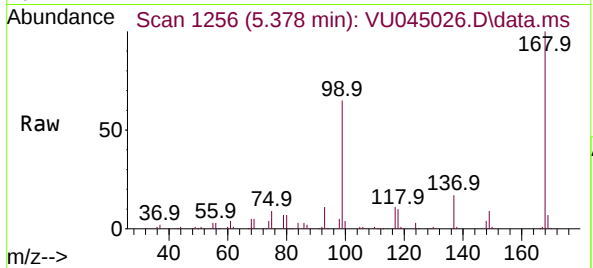




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

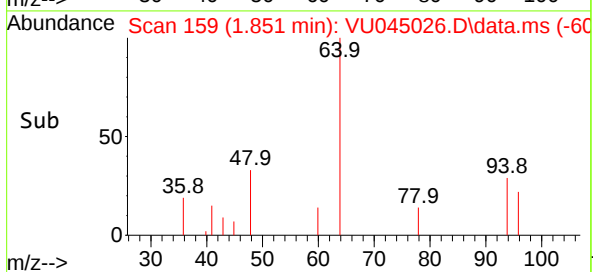
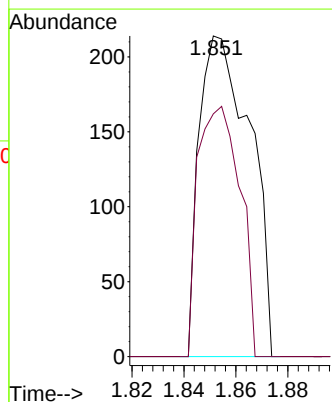
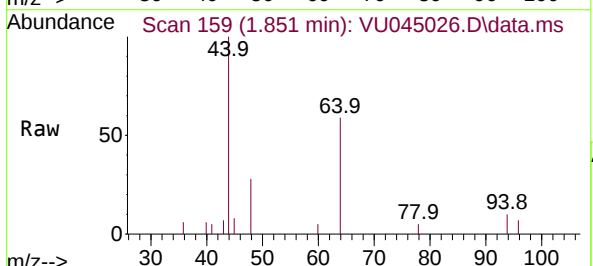
Instrument :
MSVOA_U
ClientSampled :
MW-2

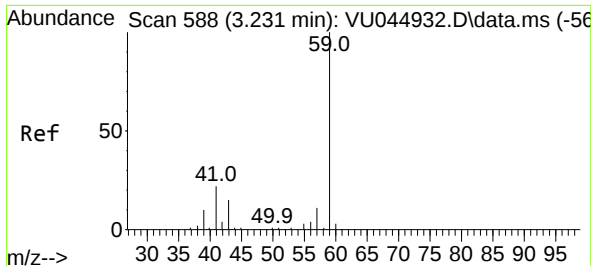
Tgt Ion:168 Resp: 206412
Ion Ratio Lower Upper
168 100
99 64.7 51.4 77.0



#5
Bromomethane
Concen: 0.225 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.019 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

Tgt Ion: 94 Resp: 292
Ion Ratio Lower Upper
94 100
96 75.7 74.5 111.7

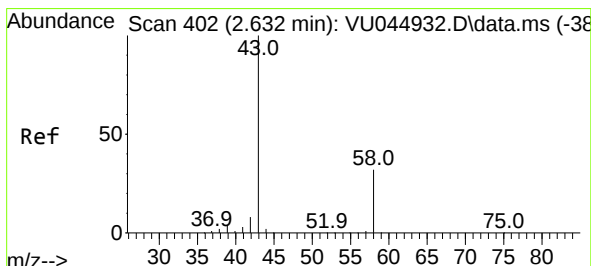
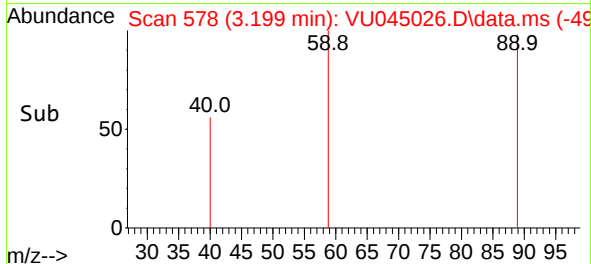
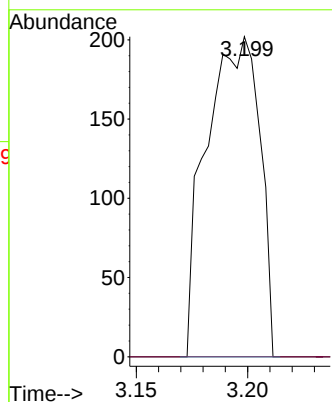
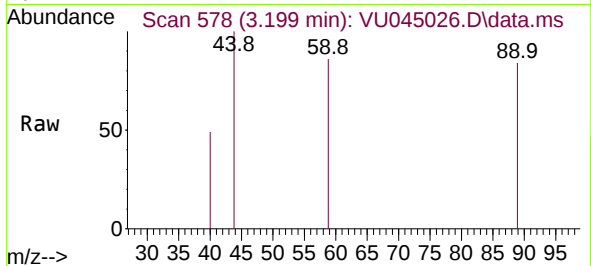




#11
Tert butyl alcohol
Concen: 0.341 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.032 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

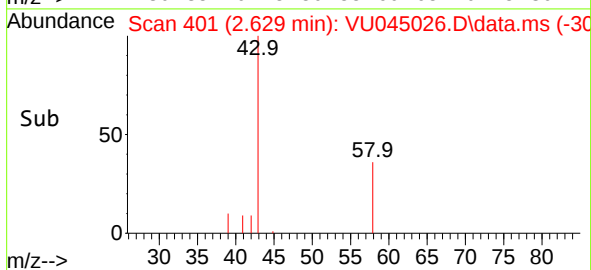
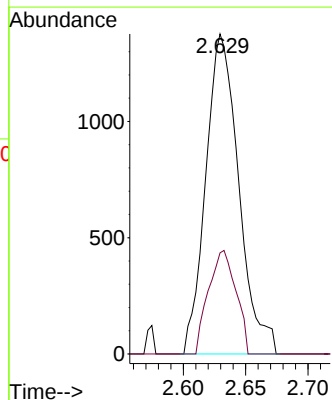
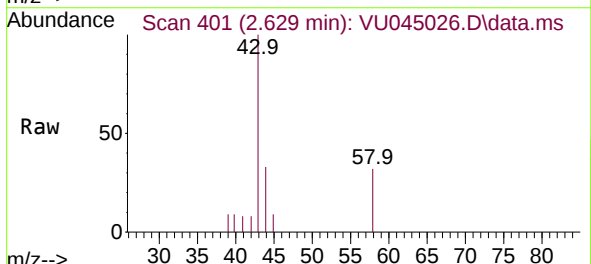
Instrument :
MSVOA_U
ClientSampled :
MW-2

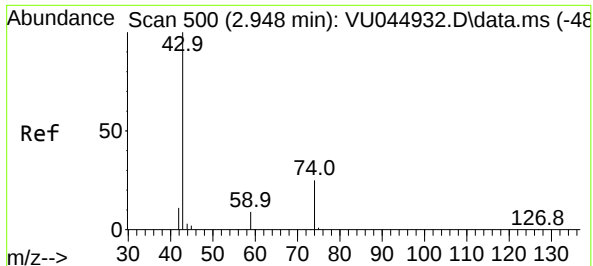
Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.242 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

Tgt Ion: 43 Resp: 2534
Ion Ratio Lower Upper
43 100
58 31.6 25.2 37.8





#18

Methyl Acetate

Concen: 0.359 ug/l

RT: 2.954 min Scan# 502

Delta R.T. 0.006 min

Lab File: VU045026.D

Acq: 30 Sep 2021 05:01

Instrument :

MSVOA_U

ClientSampleId :

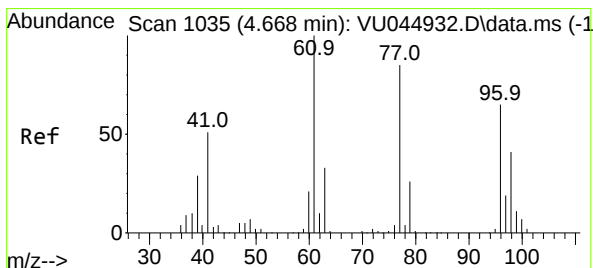
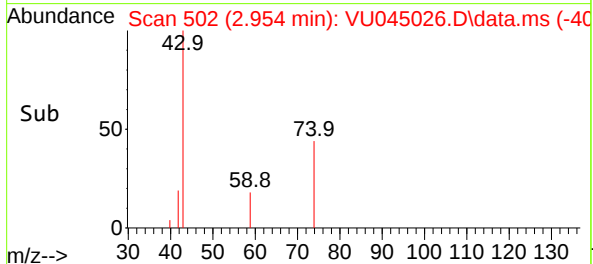
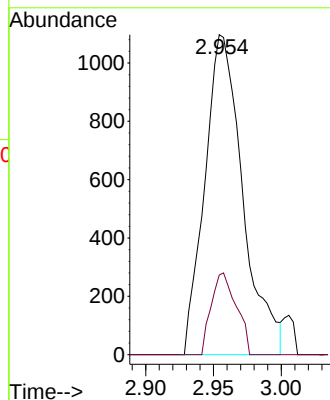
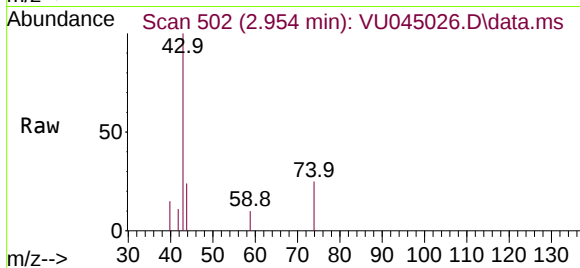
MW-2

Tgt Ion: 43 Resp: 2142

Ion Ratio Lower Upper

43 100

74 16.9 19.0 28.6#



#27

cis-1,2-Dichloroethene

Concen: 0.266 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VU045026.D

Acq: 30 Sep 2021 05:01

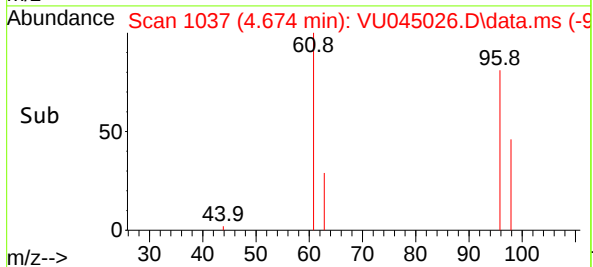
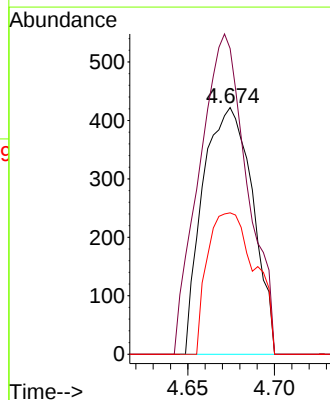
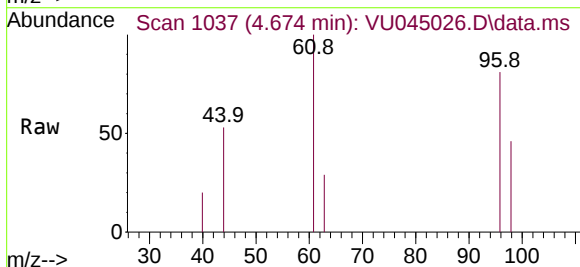
Tgt Ion: 96 Resp: 842

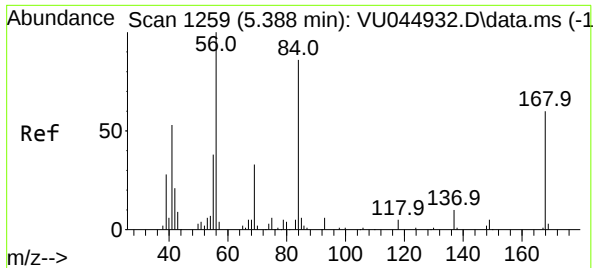
Ion Ratio Lower Upper

96 100

61 125.4 0.0 313.4

98 55.0 0.0 127.0

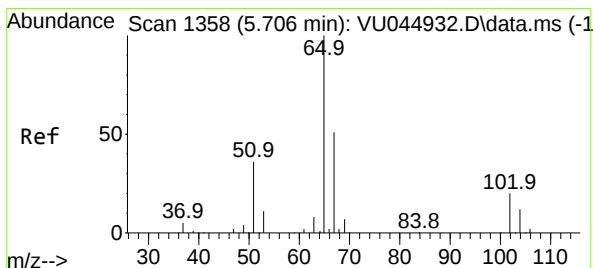
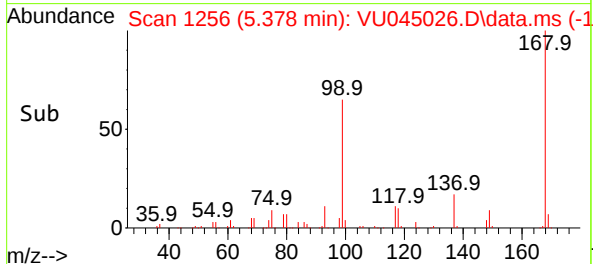
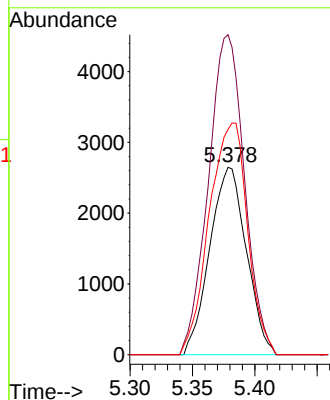
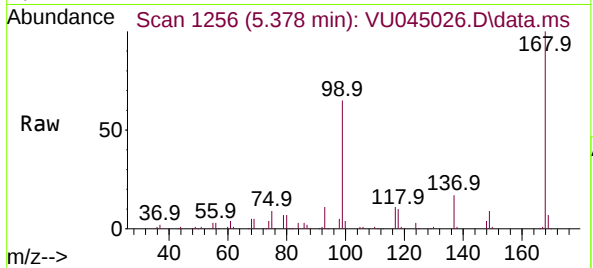




#31
Cyclohexane
Concen: 1.036 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

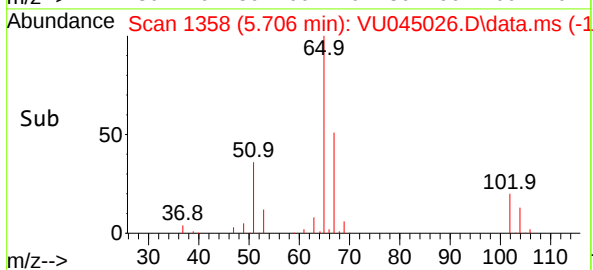
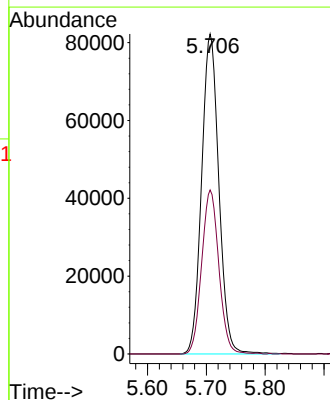
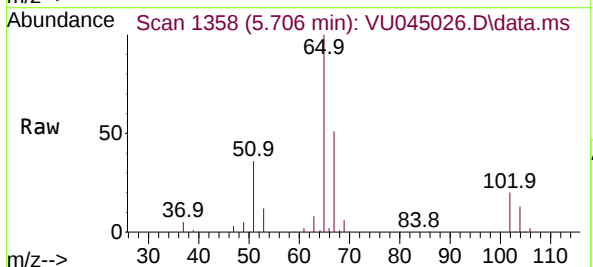
Instrument :
MSVOA_U
ClientSampled :
MW-2

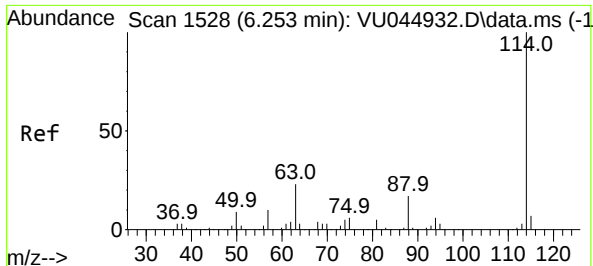
Tgt Ion: 56 Resp: 5407
Ion Ratio Lower Upper
56 100
69 170.8 25.2 37.8#
84 120.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.730 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

Tgt Ion: 65 Resp: 167437
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

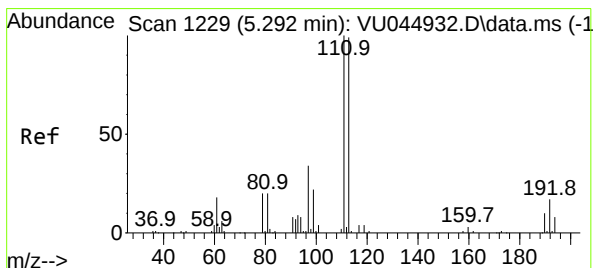
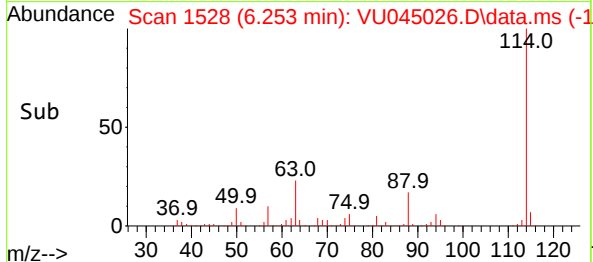
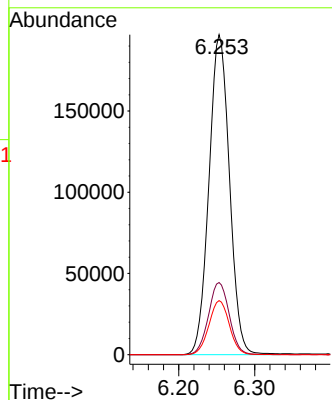
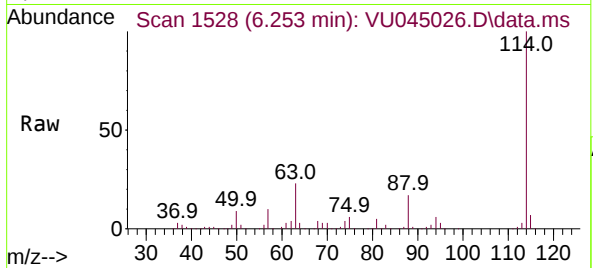




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

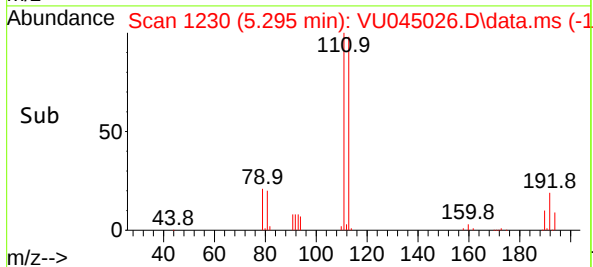
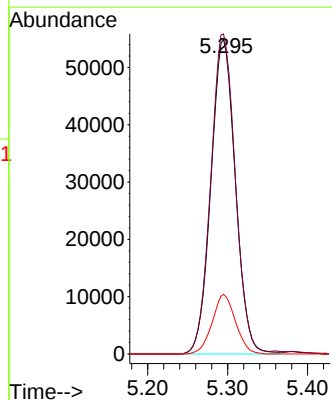
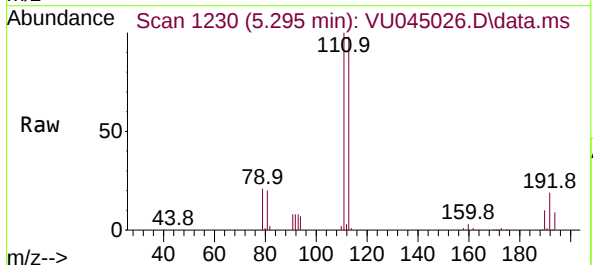
Instrument :
MSVOA_U
ClientSampled :
MW-2

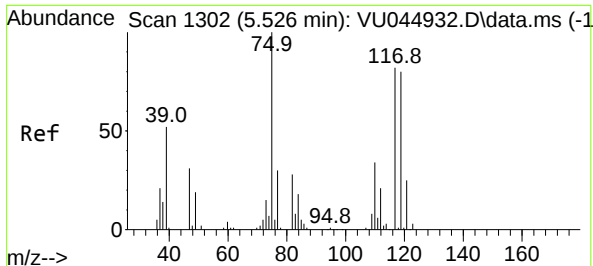
Tgt Ion:114 Resp: 368918
Ion Ratio Lower Upper
114 100
63 22.6 0.0 47.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.041 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

Tgt Ion:113 Resp: 116459
Ion Ratio Lower Upper
113 100
111 102.1 84.1 126.1
192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.044 ug/l

RT: 5.378 min Scan# 1256

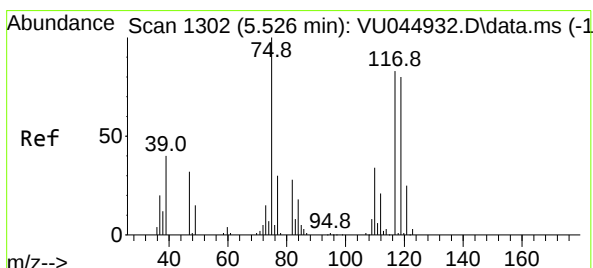
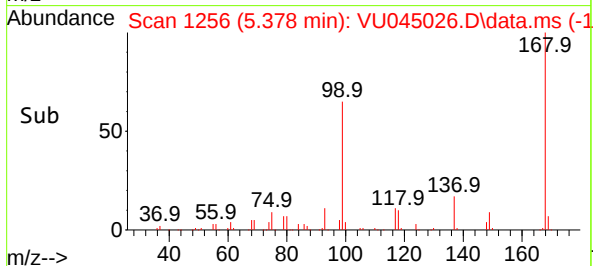
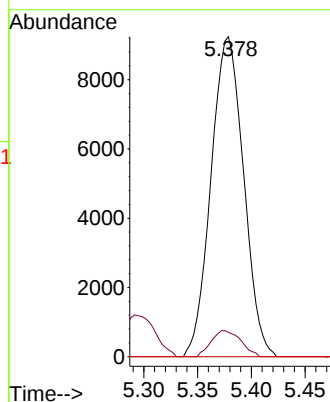
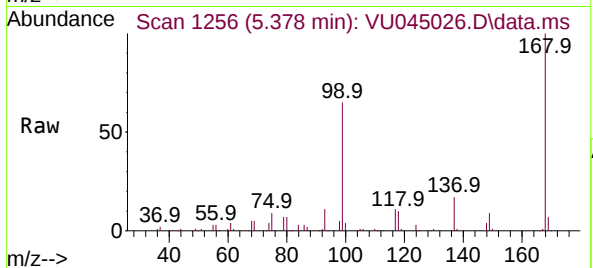
Delta R.T. -0.147 min

Lab File: VU045026.D

Acq: 30 Sep 2021 05:01

Tgt Ion:	75	Resp:	19458
Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampled :
MW-2



#38

Carbon Tetrachloride

Concen: 6.565 ug/l

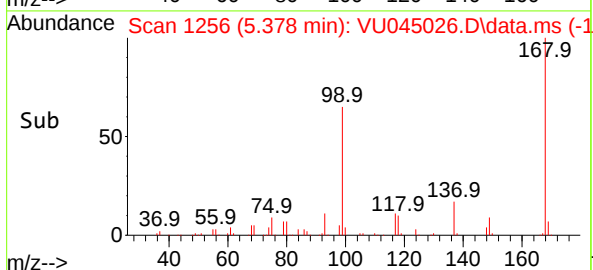
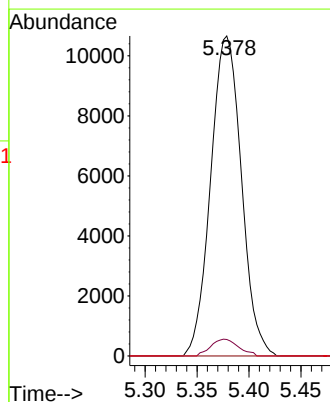
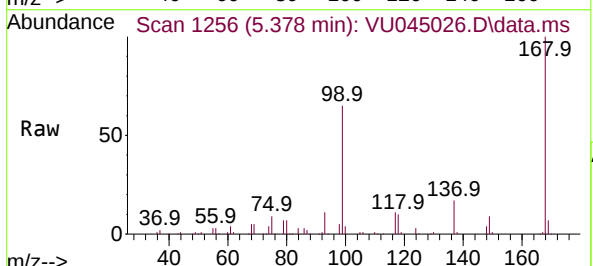
RT: 5.378 min Scan# 1256

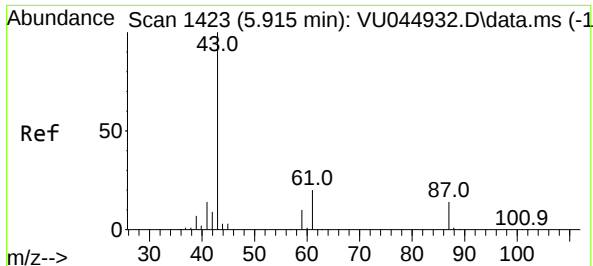
Delta R.T. -0.147 min

Lab File: VU045026.D

Acq: 30 Sep 2021 05:01

Tgt Ion:	117	Resp:	21916
Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.4	116.2#
121	0.0	24.5	36.7#



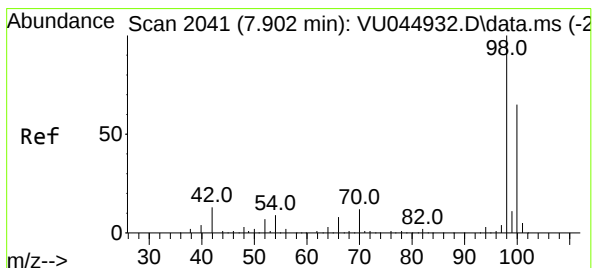
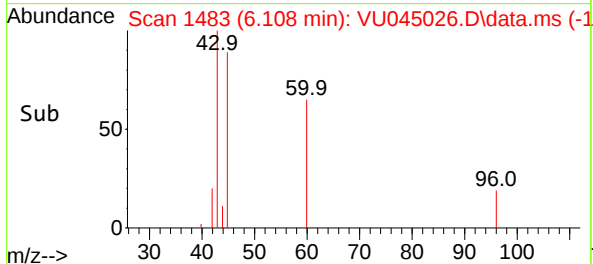
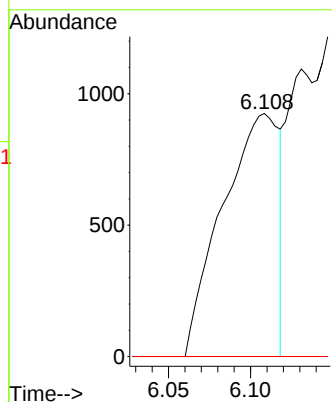
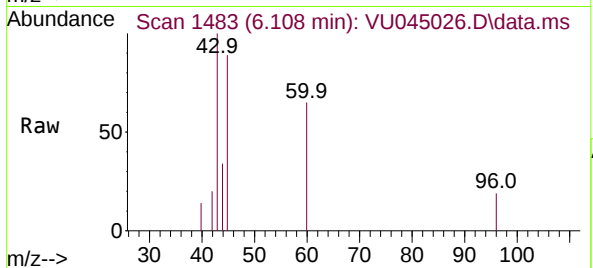


#43

Isopropyl Acetate
 Concen: 0.289 ug/l
 RT: 6.108 min Scan# 1483
 Delta R.T. 0.193 min
 Lab File: VU045026.D
 Acq: 30 Sep 2021 05:01

Instrument :
 MSVOA_U
 ClientSampled :
 MW-2

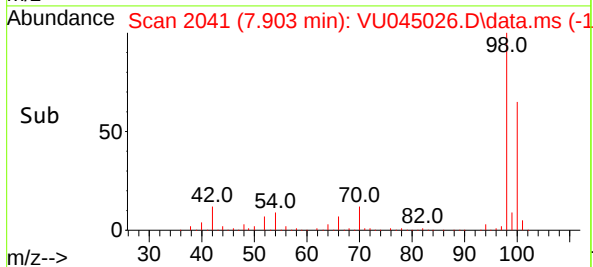
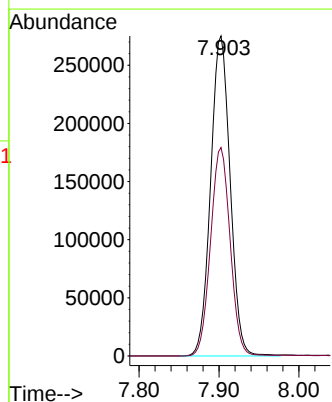
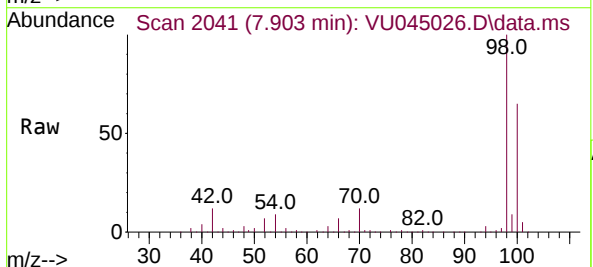
Tgt Ion: 43 Resp: 2216
 Ion Ratio Lower Upper
 43 100
 61 0.0 16.1 24.1#
 87 0.0 10.3 15.5#

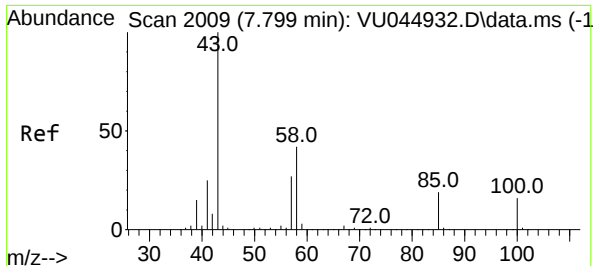


#50

Toluene-d8
 Concen: 50.723 ug/l
 RT: 7.903 min Scan# 2041
 Delta R.T. 0.001 min
 Lab File: VU045026.D
 Acq: 30 Sep 2021 05:01

Tgt Ion: 98 Resp: 466413
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.5 78.7

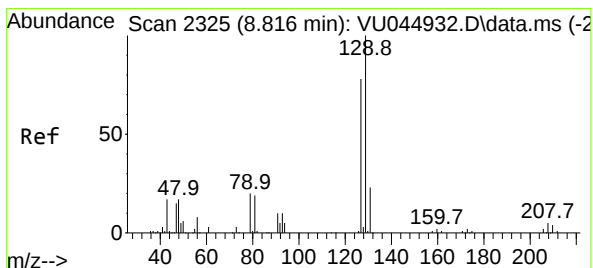
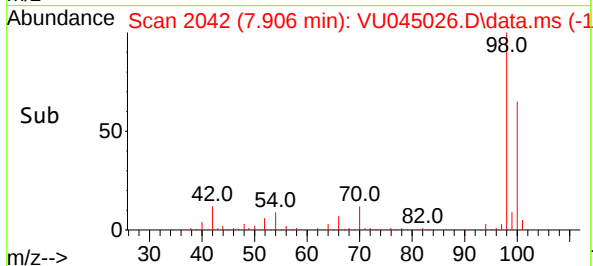
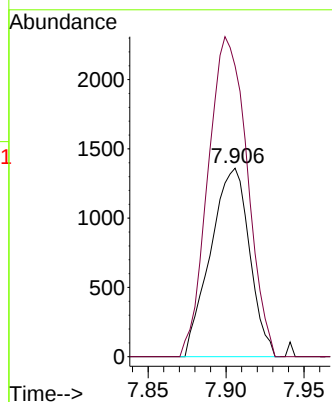
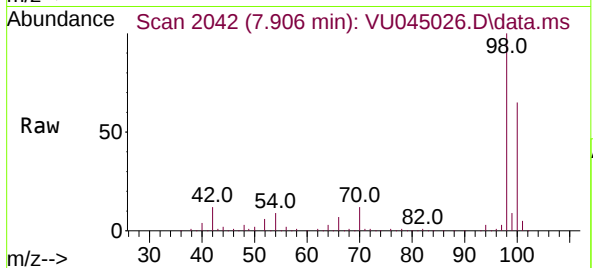




#51
4-Methyl-2-Pentanone
Concen: 0.423 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.107 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

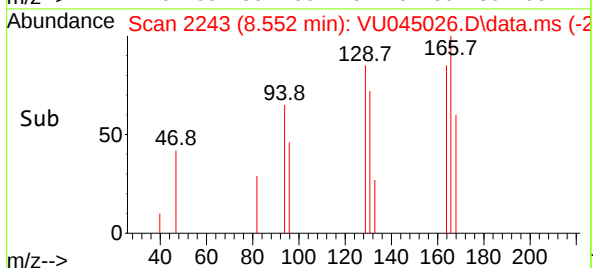
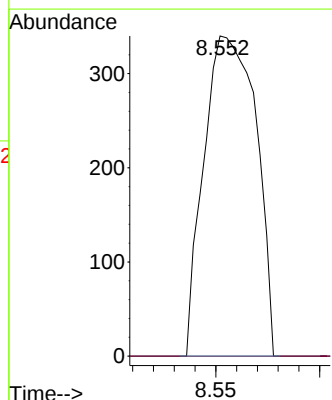
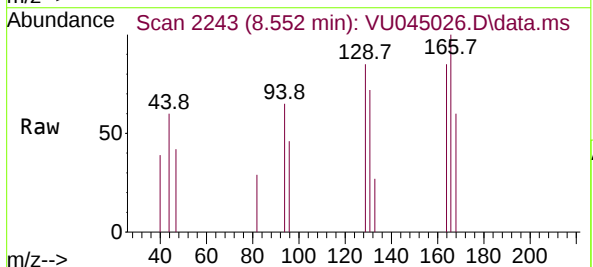
Instrument :
MSVOA_U
ClientSampled :
MW-2

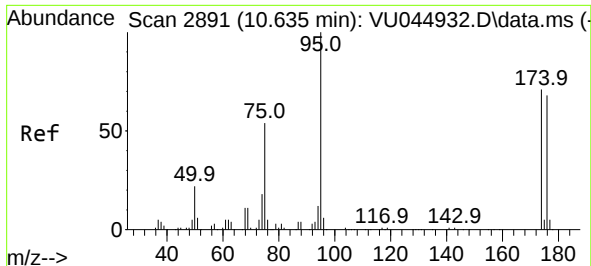
Tgt Ion: 43 Resp: 2365
Ion Ratio Lower Upper
43 100
58 170.1 32.4 48.6#



#60
Dibromochloromethane
Concen: 2.354 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.264 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

Tgt Ion: 129 Resp: 592
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

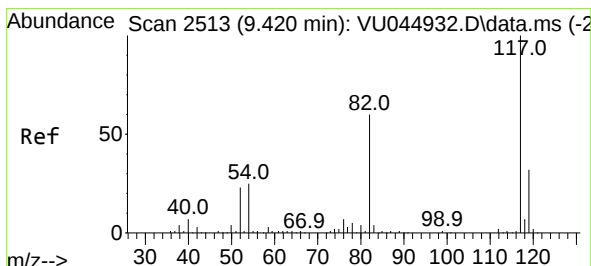
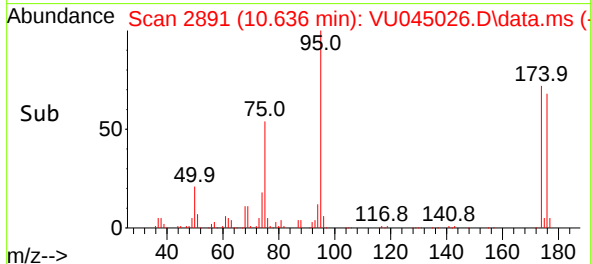
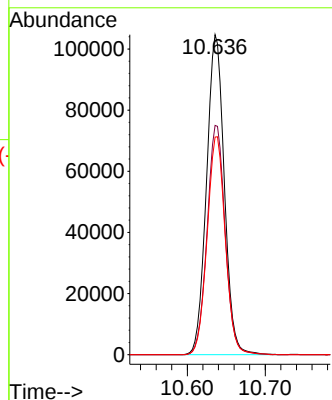
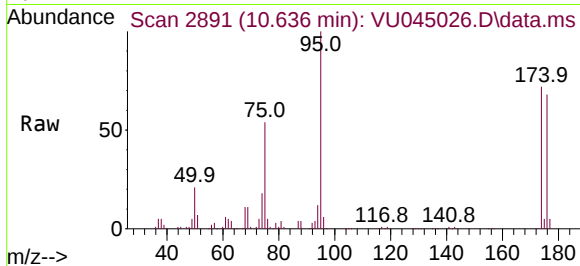




#62
4-Bromofluorobenzene
Concen: 43.679 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

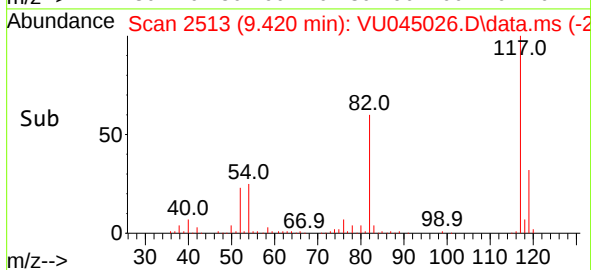
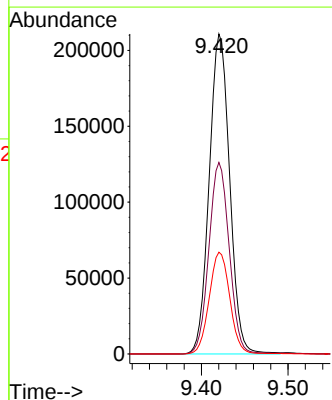
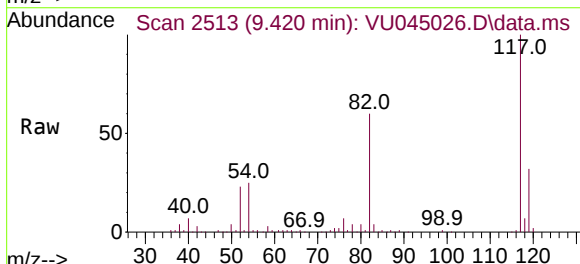
Instrument :
MSVOA_U
ClientSampleId :
MW-2

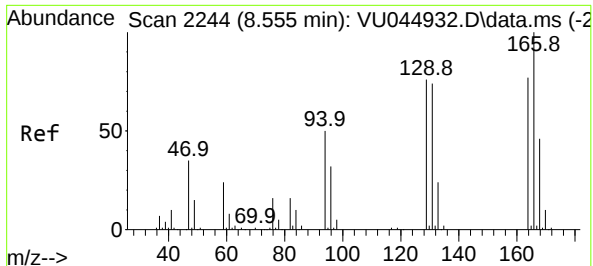
Tgt Ion: 95 Resp: 165821
Ion Ratio Lower Upper
95 100
174 72.8 0.0 146.6
176 69.6 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

Tgt Ion: 117 Resp: 346047
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 31.8 25.8 38.6



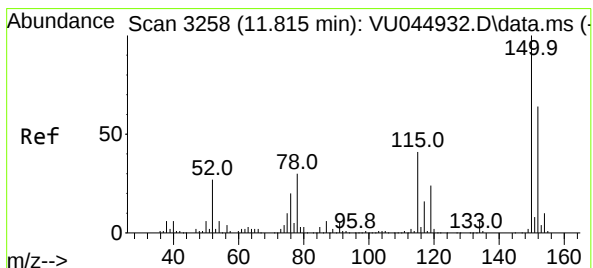
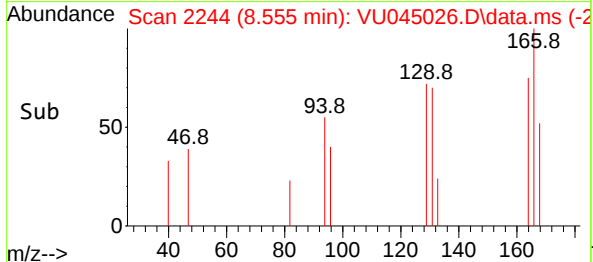
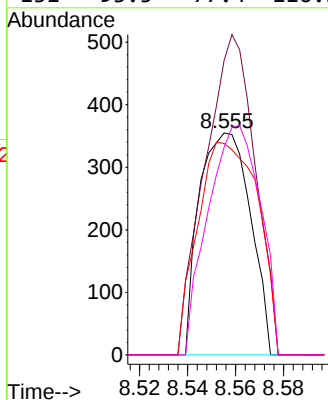
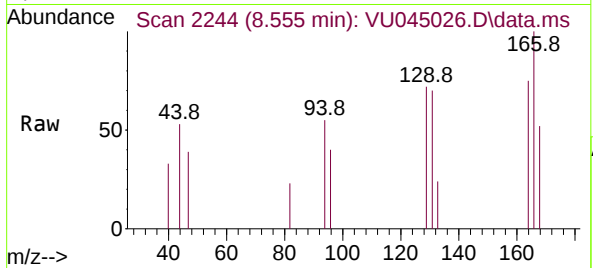


#64
Tetrachloroethene
Concen: 0.232 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

Instrument :
MSVOA_U
ClientSampled :
MW-2

Tgt Ion:164 Resp: 524

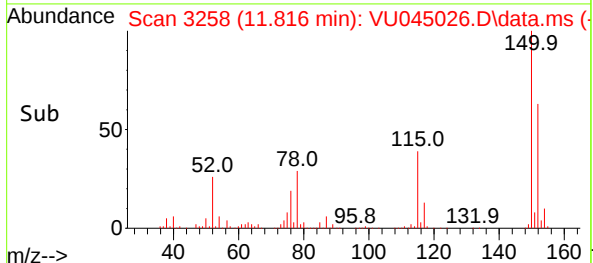
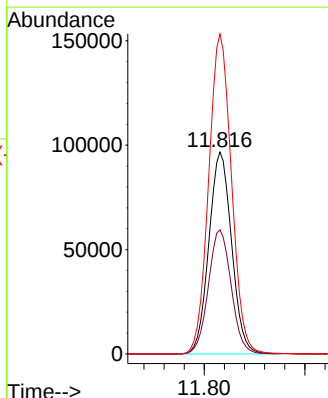
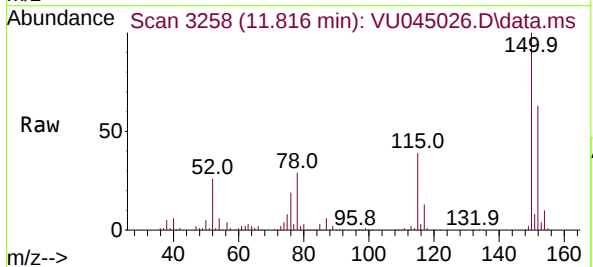
Ion	Ratio	Lower	Upper
164	100		
166	132.7	102.8	154.2
129	95.2	79.4	119.2
131	93.5	77.4	116.2

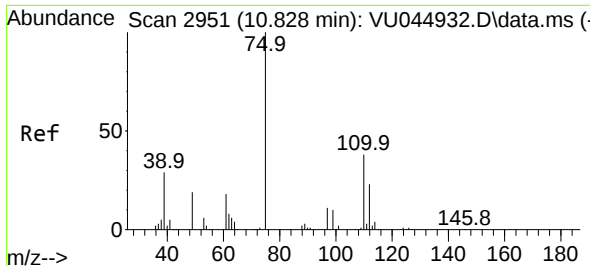


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

Tgt Ion:152 Resp: 152002

Ion	Ratio	Lower	Upper
152	100		
115	61.7	43.5	130.7
150	158.8	0.0	350.0

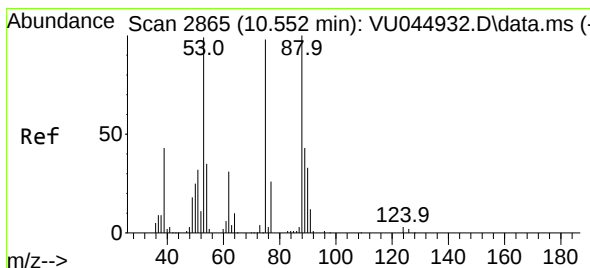
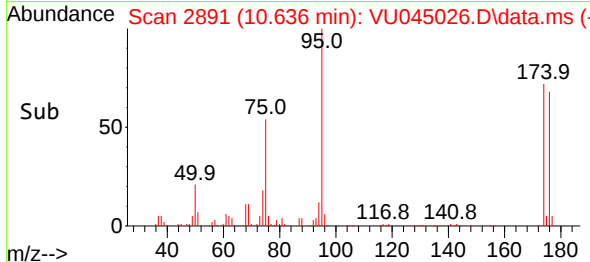
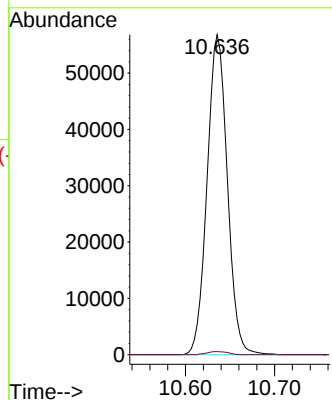
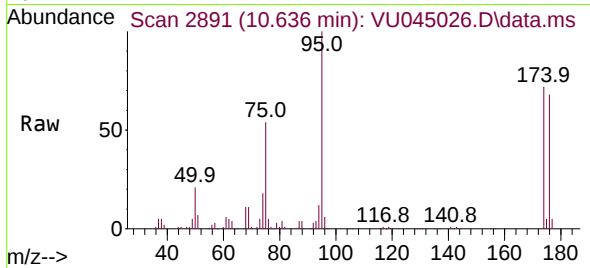




#76
1,2,3-Trichloropropane
Concen: 20.248 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

Instrument :
MSVOA_U
ClientSampled :
MW-2

Tgt Ion: 75 Resp: 89772
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.192 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU045026.D
Acq: 30 Sep 2021 05:01

Tgt Ion: 75 Resp: 89772
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

