

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045028.D
 Acq On : 30 Sep 2021 05:48
 Operator : SY/MD
 Sample : M3952-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Quant Time: Sep 30 06:44:24 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)

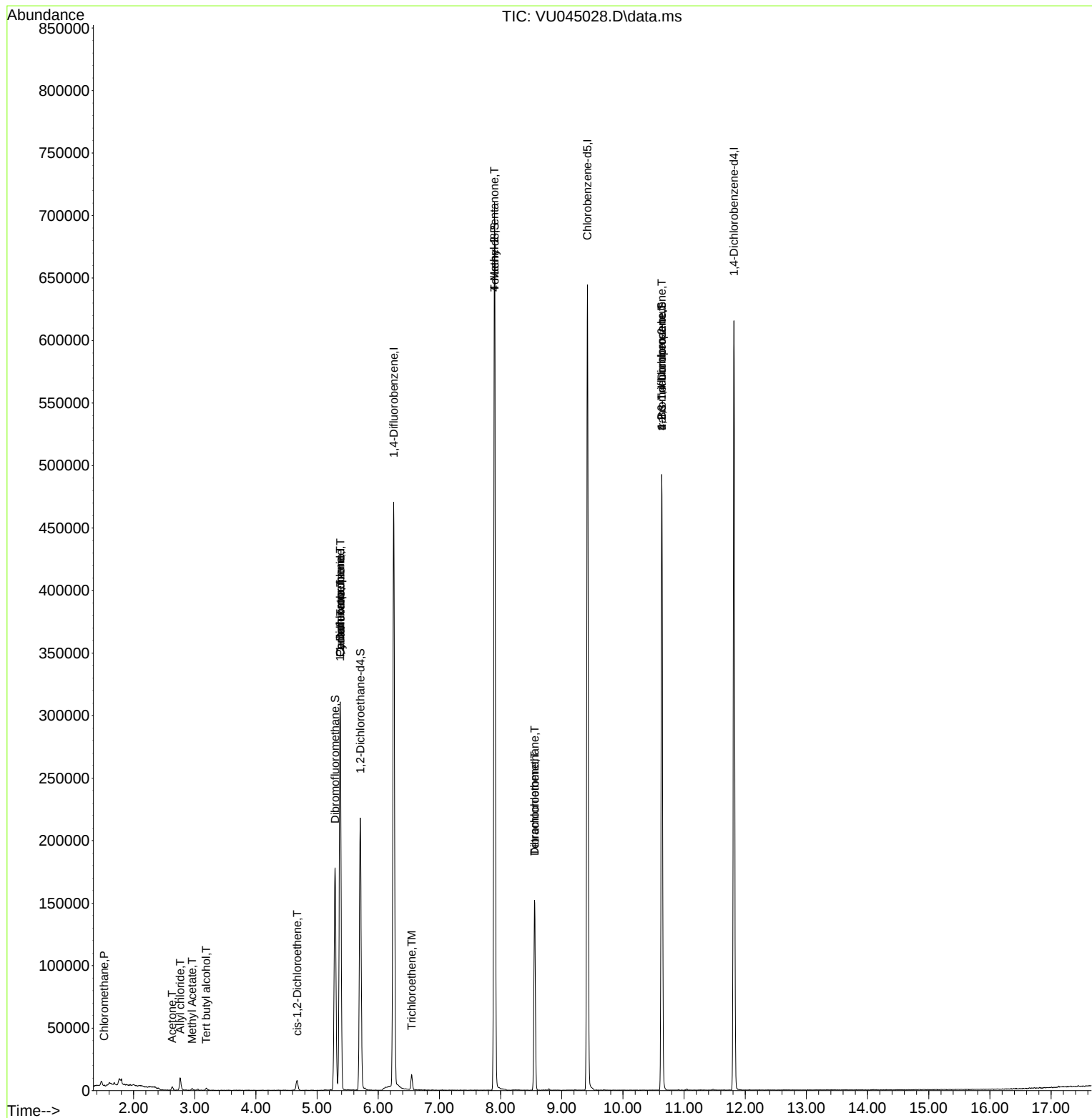
Internal Standards						
1) Pentafluorobenzene	5.379	168	202593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	363656	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	337793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	150787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	163206	48.394	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.780%		
35) Dibromofluoromethane	5.295	113	114439	49.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.760%		
50) Toluene-d8	7.903	98	459948	50.743	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.480%		
62) 4-Bromofluorobenzene	10.636	95	162385	43.393	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.780%		
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	770	0.237	ug/l #	85
11) Tert butyl alcohol	3.186	59	791	0.817	ug/l #	72
14) Allyl chloride	2.761	41	1031	0.232	ug/l #	73
16) Acetone	2.629	43	3326	1.662	ug/l	92
18) Methyl Acetate	2.957	43	1967	0.336	ug/l #	83
27) cis-1,2-Dichloroethene	4.674	96	4476	1.442	ug/l	81
31) Cyclohexane	5.379	56	5187	1.013	ug/l #	3
36) 1,1-Dichloropropene	5.375	75	19035	5.005	ug/l #	50
38) Carbon Tetrachloride	5.379	117	21656	6.581	ug/l #	16
44) Trichloroethene	6.546	130	3805	1.425	ug/l	95
51) 4-Methyl-2-Pentanone	7.899	43	2324	0.422	ug/l #	1
60) Dibromochloromethane	8.555	129	31690	11.854	ug/l #	10
64) Tetrachloroethene	8.555	164	31749	14.401	ug/l	98
76) 1,2,3-Trichloropropane	10.636	75	88784	20.187	ug/l #	40
81) trans-1,4-Dichloro-2-b...	10.636	75	88784	56.021	ug/l #	9

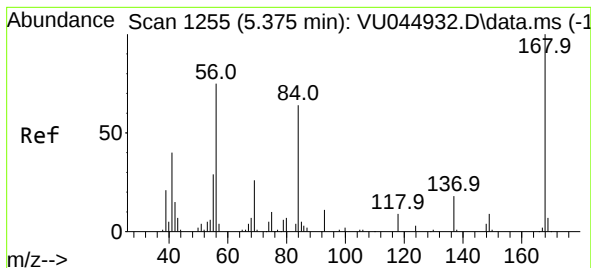
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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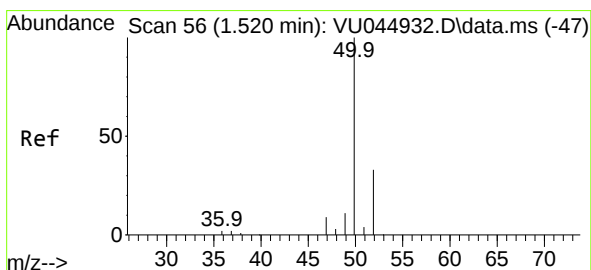
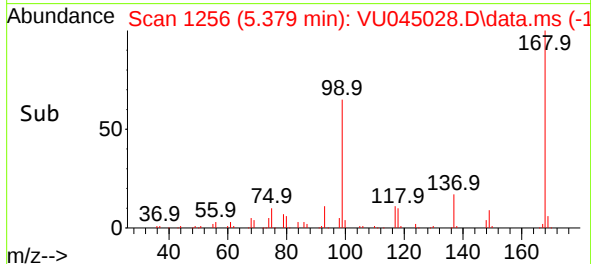
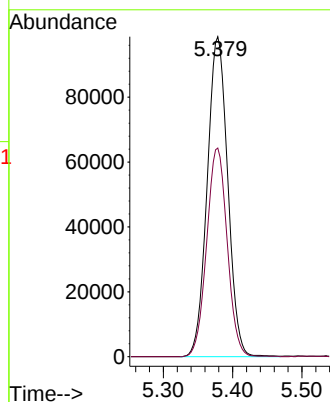
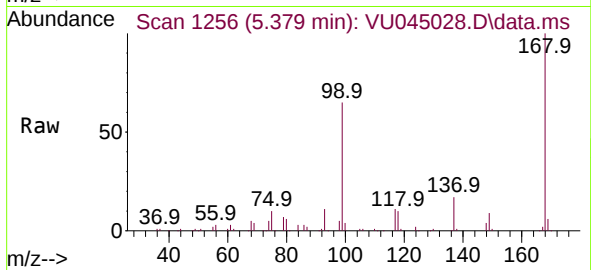




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

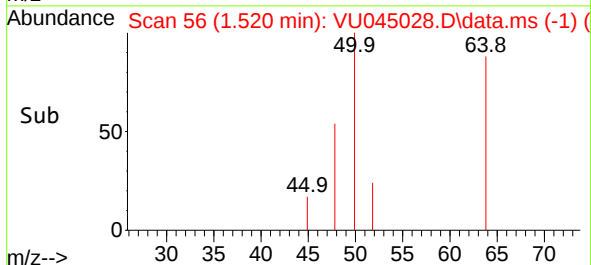
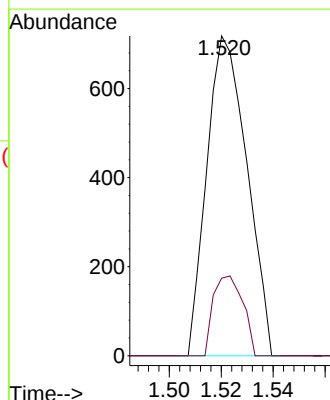
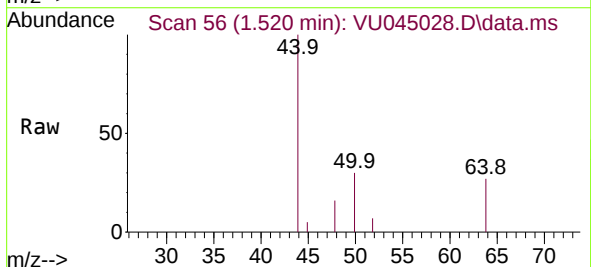
Instrument :
MSVOA_U
ClientSampleId :
MW-5

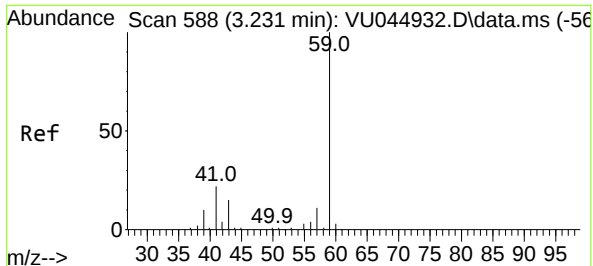
Tgt Ion:168 Resp: 202593
Ion Ratio Lower Upper
168 100
99 65.2 51.4 77.0



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

Tgt Ion: 50 Resp: 770
Ion Ratio Lower Upper
50 100
52 24.2 26.3 39.5#



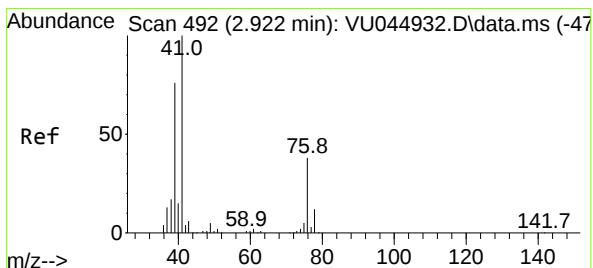
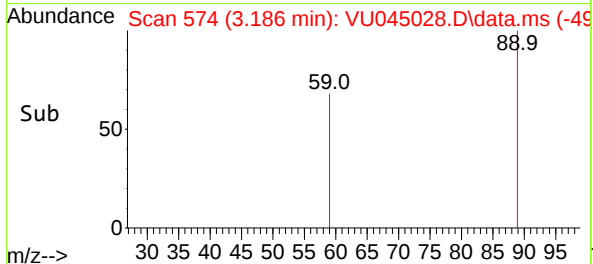
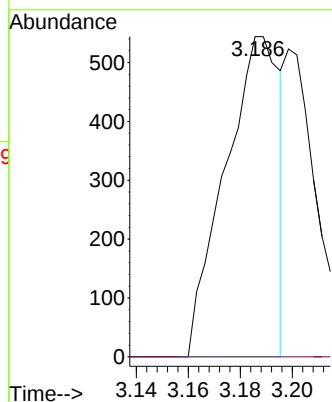
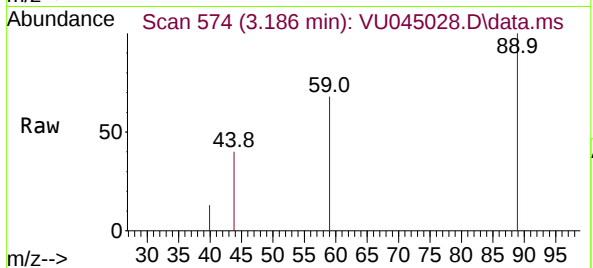


#11

Tert butyl alcohol
Concen: 0.817 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.045 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

Instrument :
MSVOA_U
ClientSampled :
MW-5

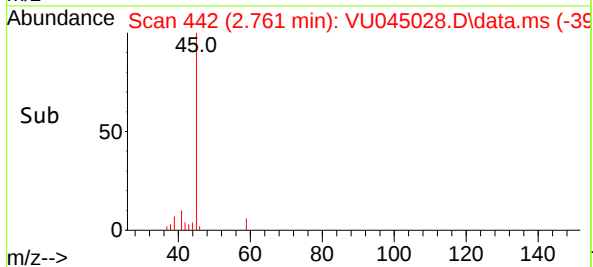
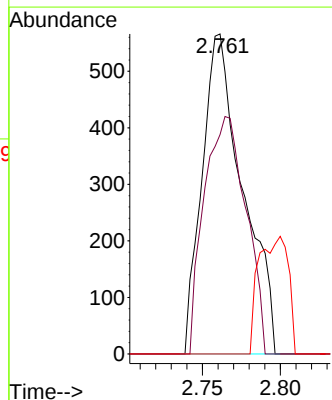
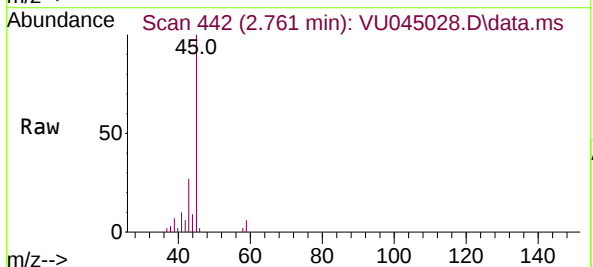
Tgt Ion: 59 Resp: 791
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

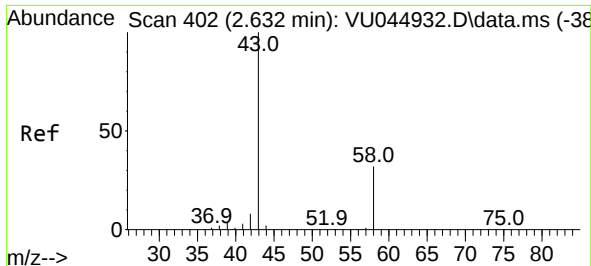


#14

Allyl chloride
Concen: 0.232 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.161 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

Tgt Ion: 41 Resp: 1031
Ion Ratio Lower Upper
41 100
39 75.9 53.0 79.6
76 0.0 25.7 38.5#

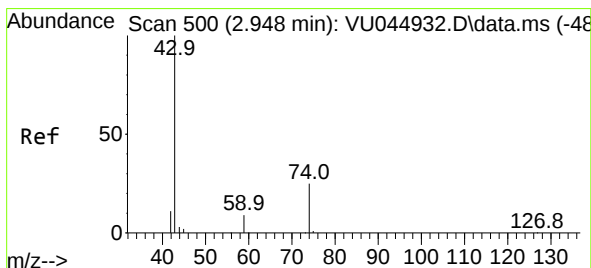
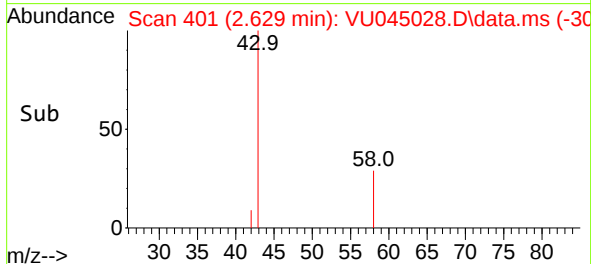
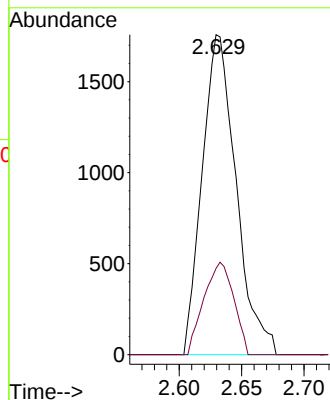
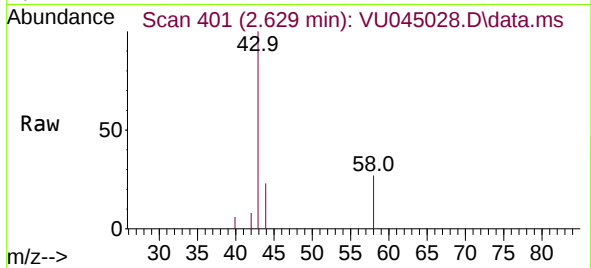




#16
Acetone
Concen: 1.662 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

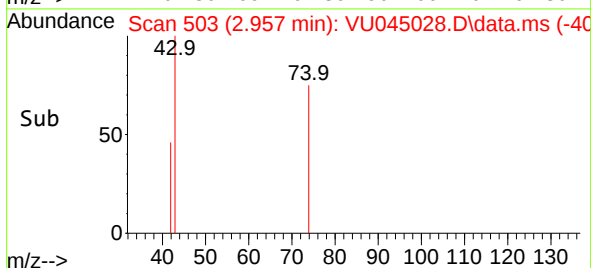
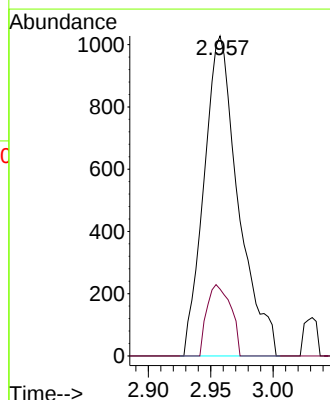
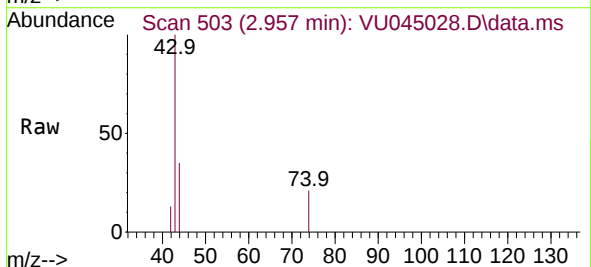
Instrument :
MSVOA_U
ClientSampleId :
MW-5

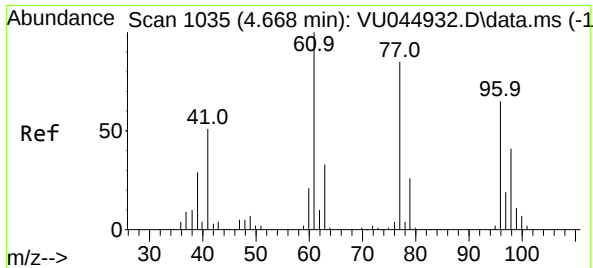
Tgt Ion: 43 Resp: 3326
Ion Ratio Lower Upper
43 100
58 27.0 25.2 37.8



#18
Methyl Acetate
Concen: 0.336 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.009 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

Tgt Ion: 43 Resp: 1967
Ion Ratio Lower Upper
43 100
74 15.5 19.0 28.6#

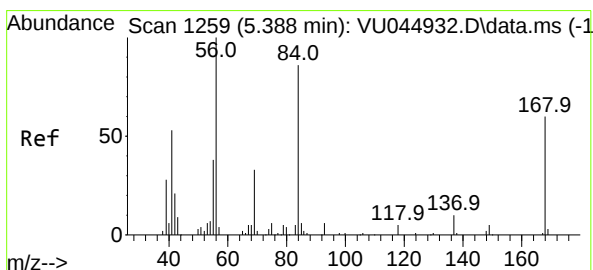
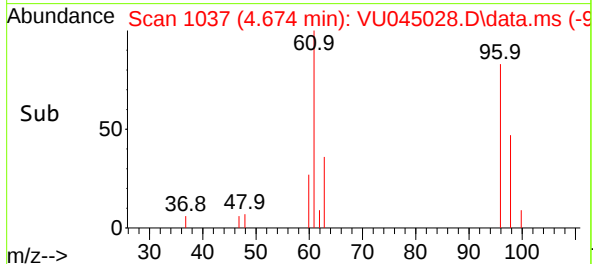
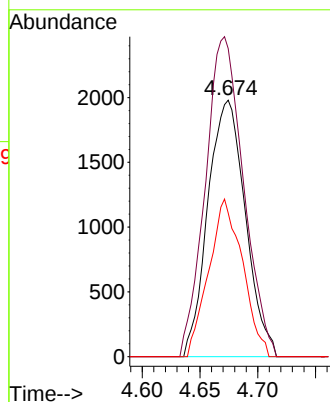
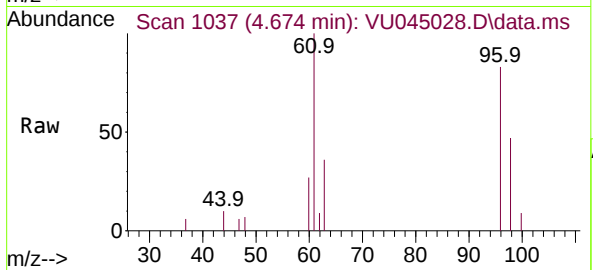




#27
 cis-1,2-Dichloroethene
 Concen: 1.442 ug/l
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VU045028.D
 Acq: 30 Sep 2021 05:48

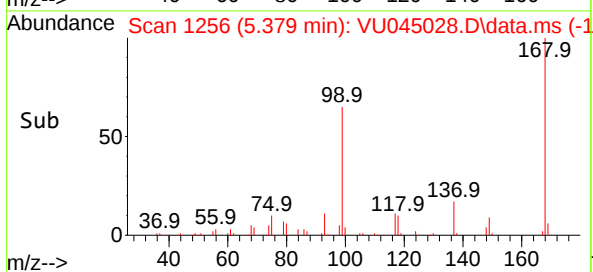
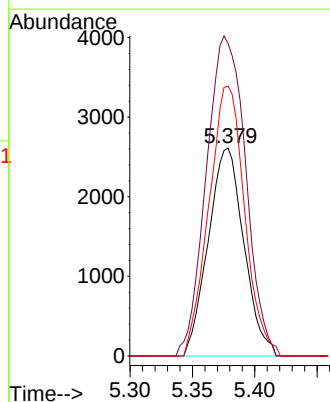
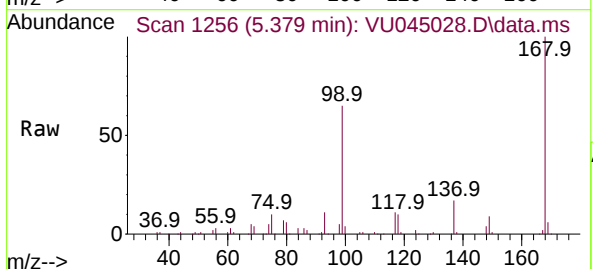
Instrument :
 MSVOA_U
 ClientSampled :
 MW-5

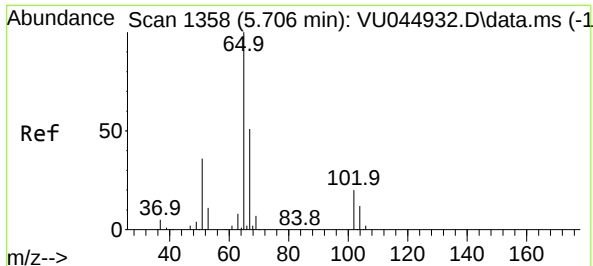
Tgt Ion:	96	Resp:	4476
Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	313.4
98	55.3	0.0	127.0



#31
 Cyclohexane
 Concen: 1.013 ug/l
 RT: 5.379 min Scan# 1256
 Delta R.T. -0.009 min
 Lab File: VU045028.D
 Acq: 30 Sep 2021 05:48

Tgt Ion:	56	Resp:	5187
Ion	Ratio	Lower	Upper
56	100		
69	150.2	25.2	37.8#
84	129.7	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 48.394 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU045028.D

Acq: 30 Sep 2021 05:48

Tgt Ion: 65 Resp: 163206

Ion Ratio Lower Upper

65 100

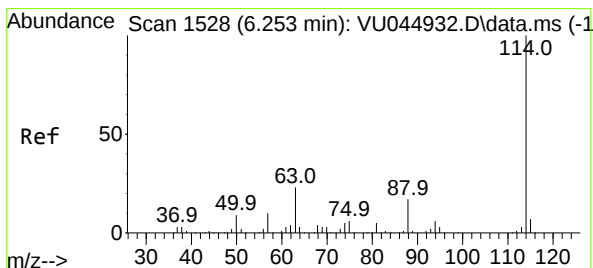
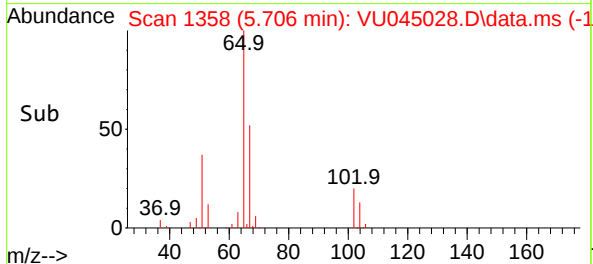
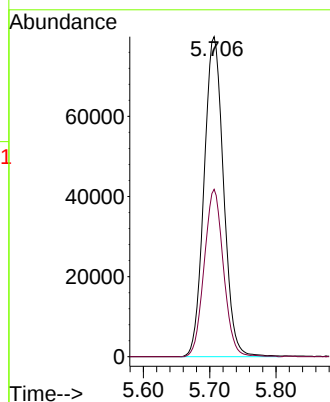
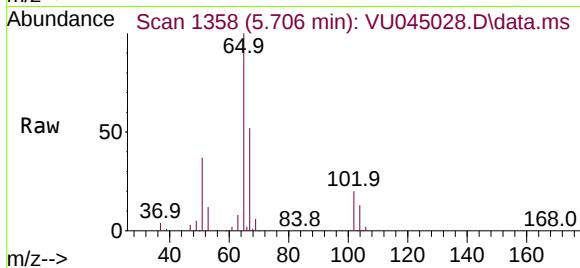
67 51.7 0.0 104.8

Instrument :

MSVOA_U

ClientSampled :

MW-5



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045028.D

Acq: 30 Sep 2021 05:48

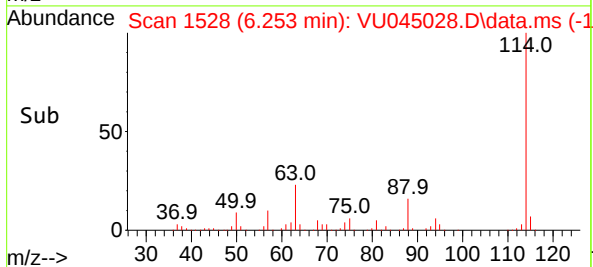
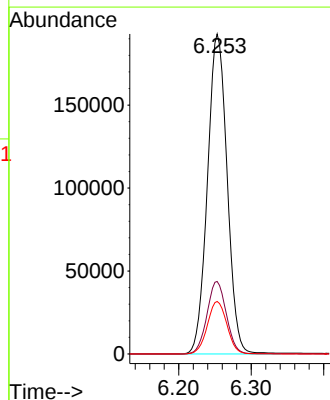
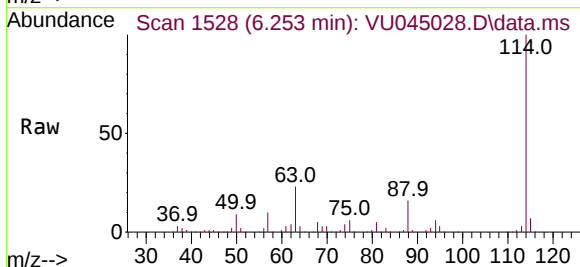
Tgt Ion: 114 Resp: 363656

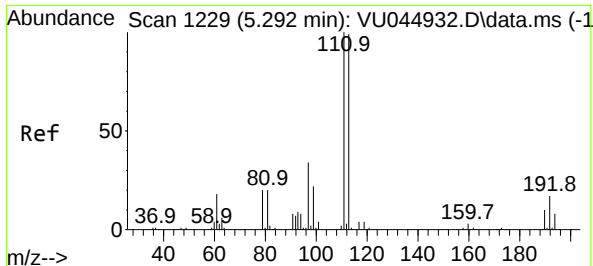
Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.885 ug/l

RT: 5.295 min Scan# 1230

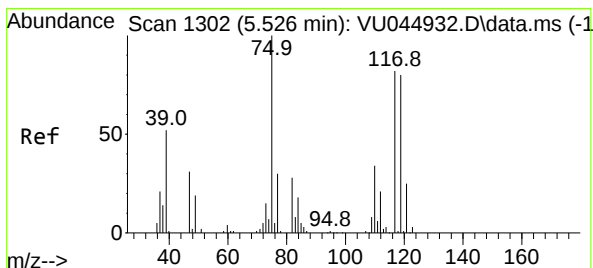
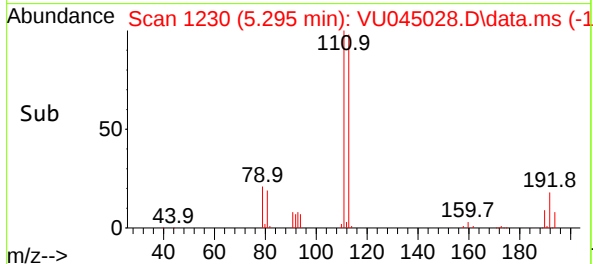
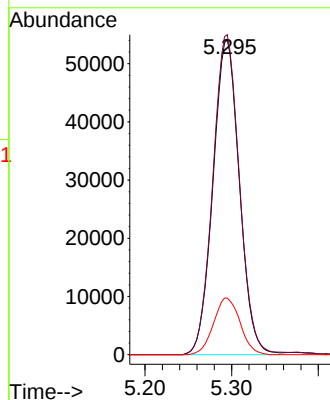
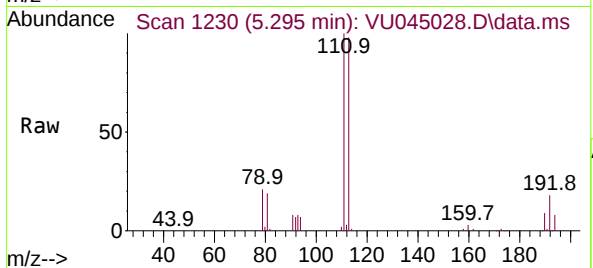
Delta R.T. 0.003 min

Lab File: VU045028.D

Acq: 30 Sep 2021 05:48

Tgt Ion:	113	Resp:	114439
Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.1	126.1
192	18.1	14.8	22.2

Instrument :
MSVOA_U
ClientSampleId :
MW-5



#36

1,1-Dichloropropene

Concen: 5.005 ug/l

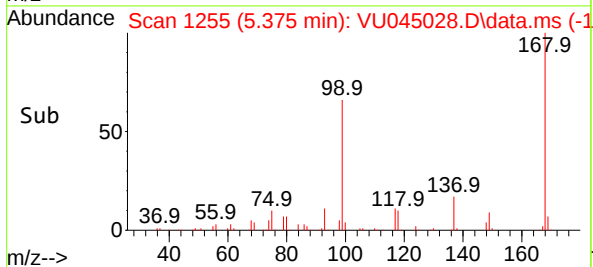
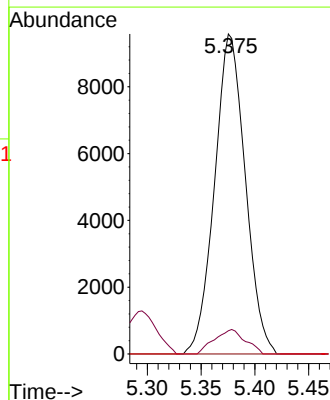
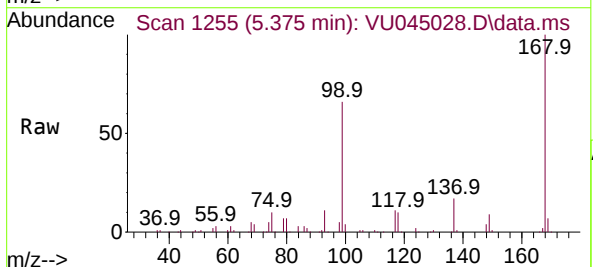
RT: 5.375 min Scan# 1255

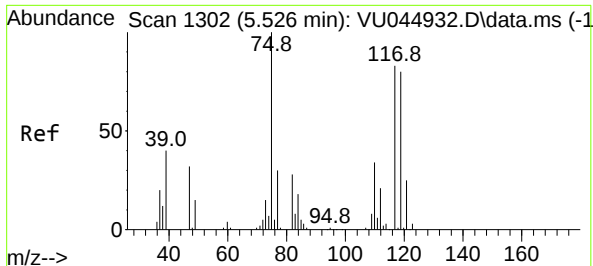
Delta R.T. -0.151 min

Lab File: VU045028.D

Acq: 30 Sep 2021 05:48

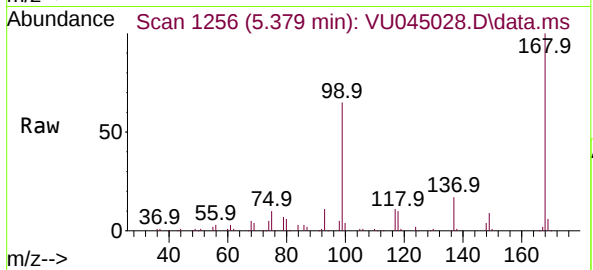
Tgt Ion:	75	Resp:	19035
Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.3	48.9#
77	0.0	25.0	37.4#



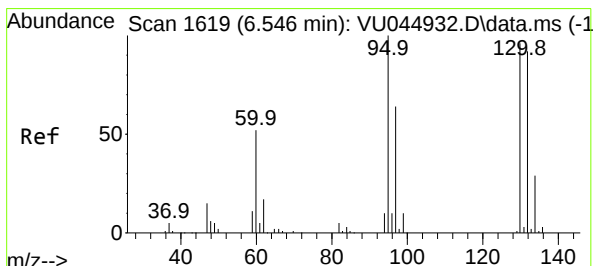
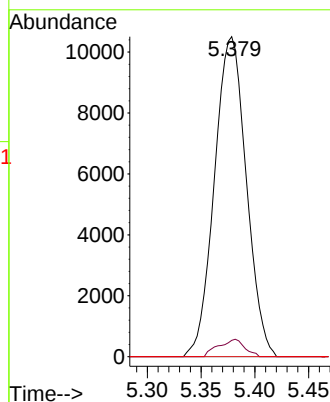
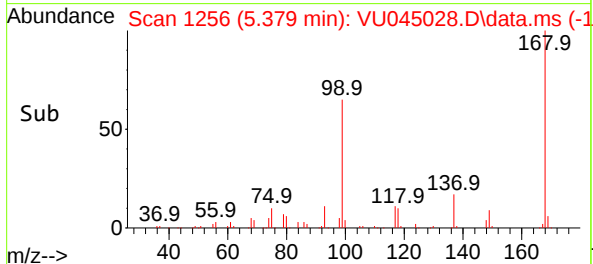


#38
Carbon Tetrachloride
Concen: 6.581 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.147 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

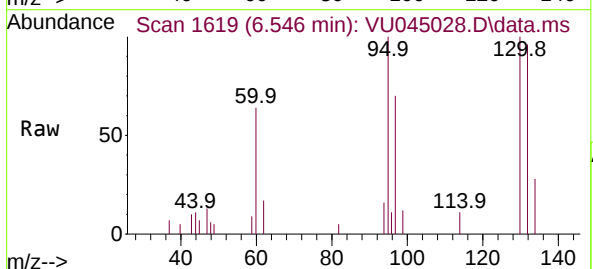
Instrument :
MSVOA_U
ClientSampled :
MW-5



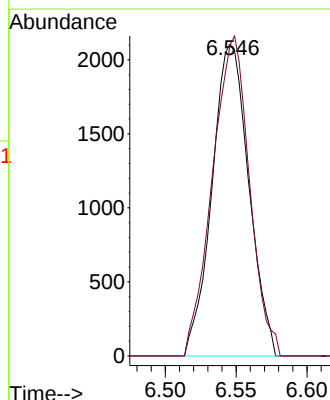
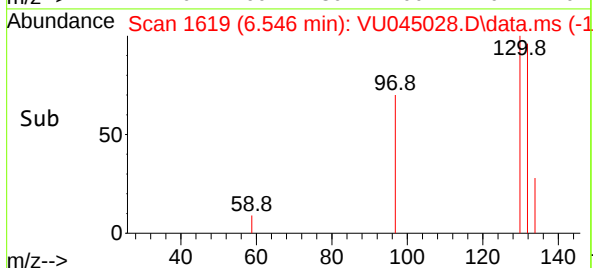
Tgt Ion:117 Resp: 21656
Ion Ratio Lower Upper
117 100
119 5.1 77.4 116.2#
121 0.0 24.5 36.7#

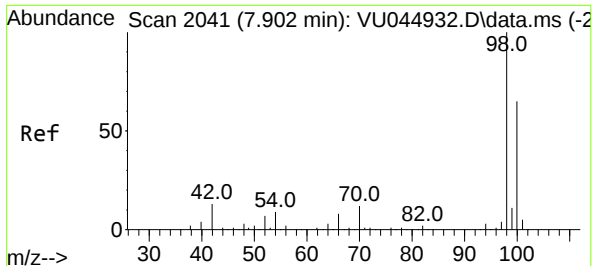


#44
Trichloroethene
Concen: 1.425 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48



Tgt Ion:130 Resp: 3805
Ion Ratio Lower Upper
130 100
95 99.7 0.0 209.0

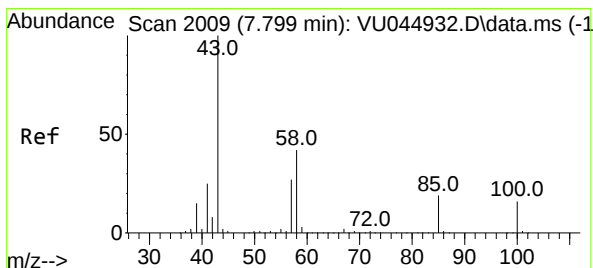
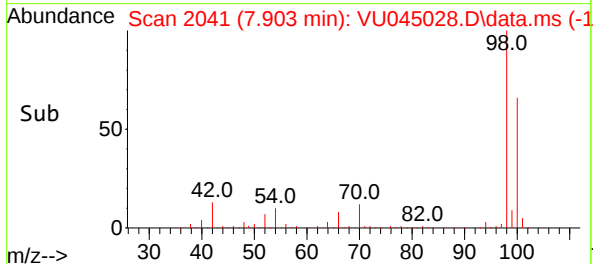
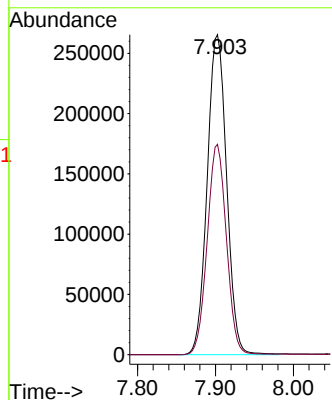
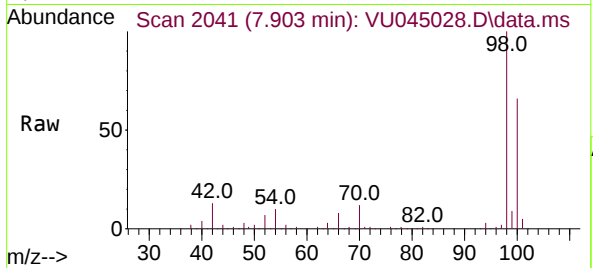




#50
Toluene-d8
Concen: 50.743 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

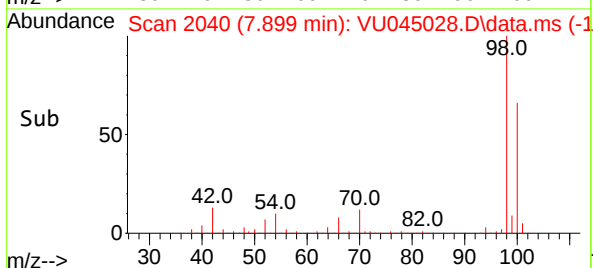
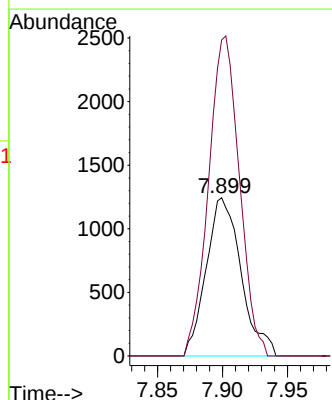
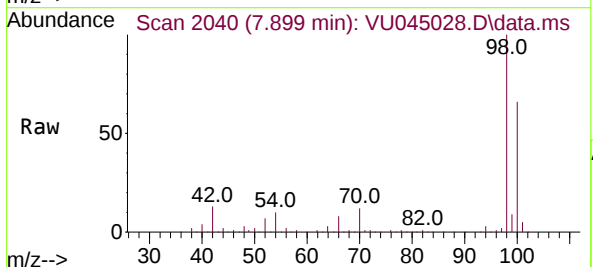
Instrument :
MSVOA_U
ClientSampled :
MW-5

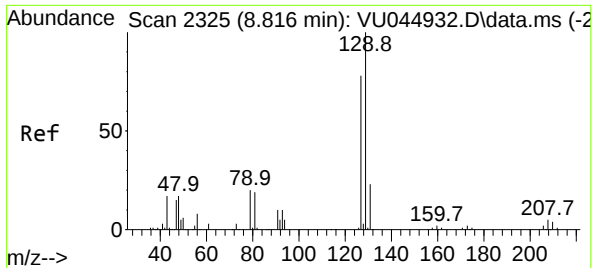
Tgt Ion: 98 Resp: 459948
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.422 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.100 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

Tgt Ion: 43 Resp: 2324
Ion Ratio Lower Upper
43 100
58 178.9 32.4 48.6#

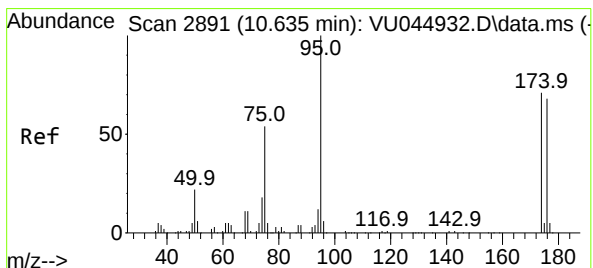
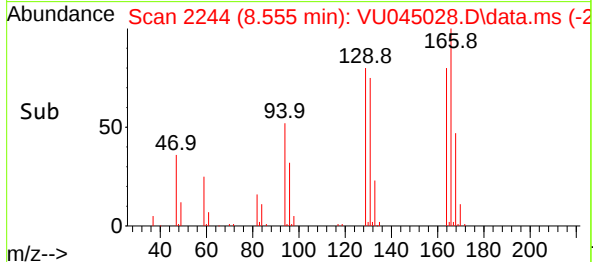
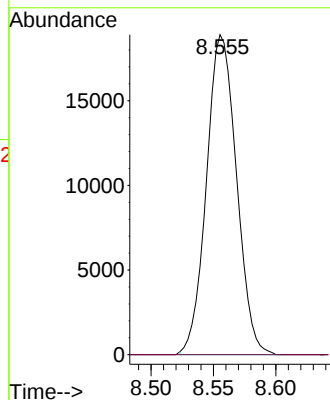
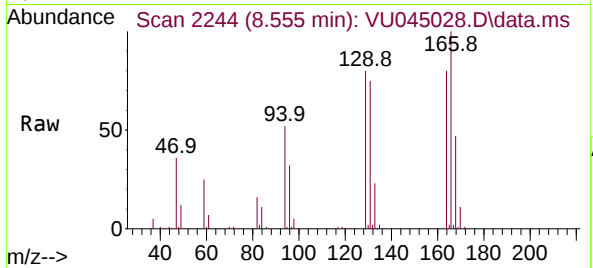




#60
Dibromochloromethane
Concen: 11.854 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.261 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

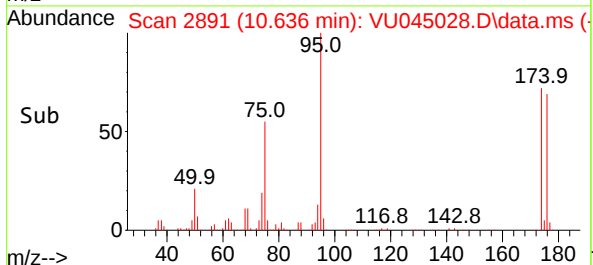
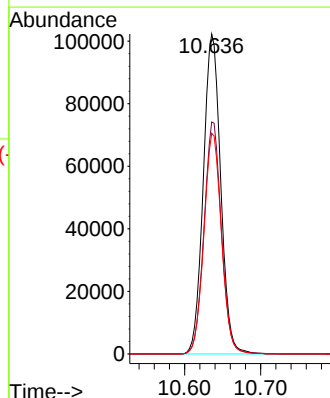
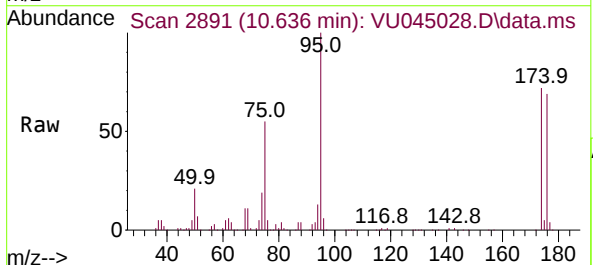
Instrument :
MSVOA_U
ClientSampleId :
MW-5

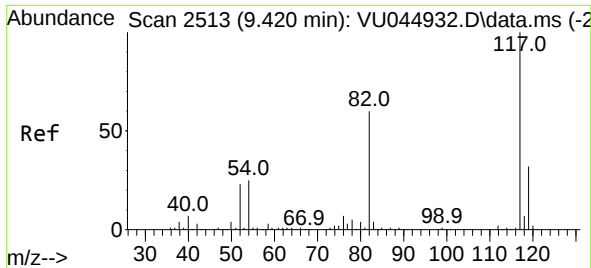
Tgt Ion:129 Resp: 31690
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 43.393 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

Tgt Ion: 95 Resp: 162385
Ion Ratio Lower Upper
95 100
174 72.6 0.0 146.6
176 69.6 0.0 141.2

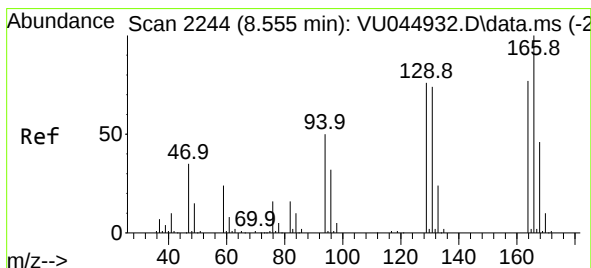
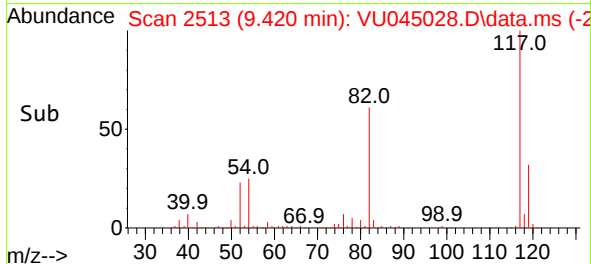
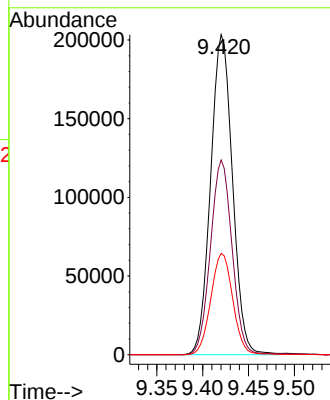
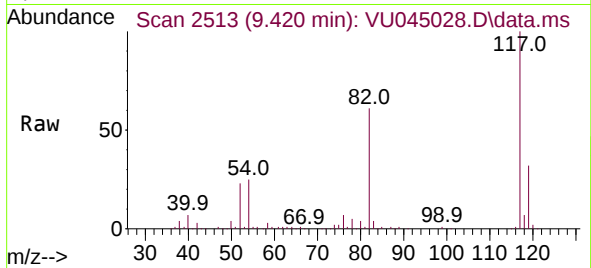




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

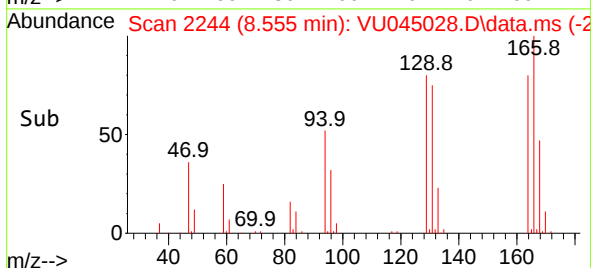
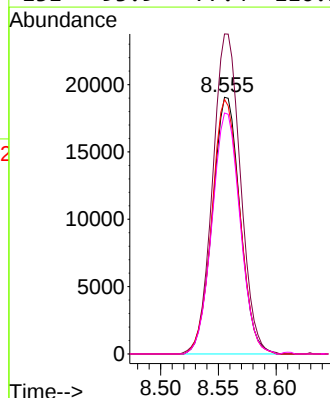
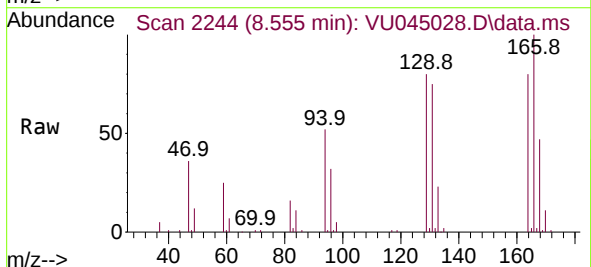
Instrument :
MSVOA_U
ClientSampled :
MW-5

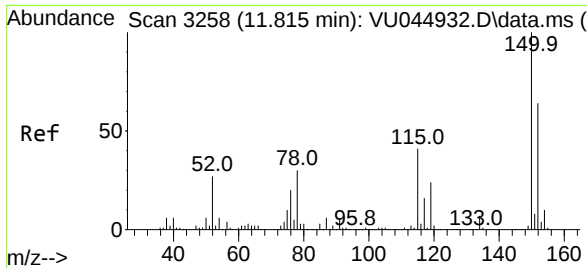
Tgt Ion:117 Resp: 337793
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.8
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 14.401 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045028.D
Acq: 30 Sep 2021 05:48

Tgt Ion:164 Resp: 31749
Ion Ratio Lower Upper
164 100
166 124.7 102.8 154.2
129 99.2 79.4 119.2
131 93.9 77.4 116.2

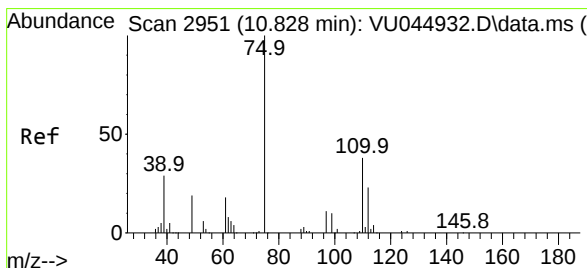
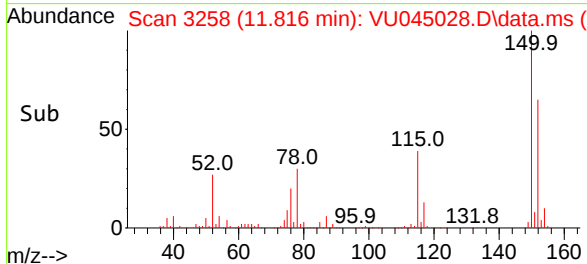
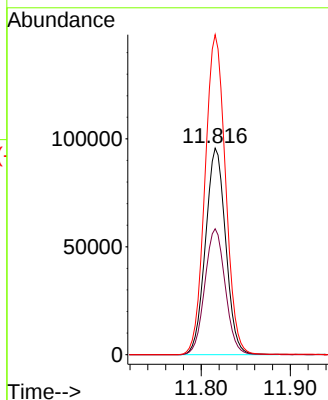
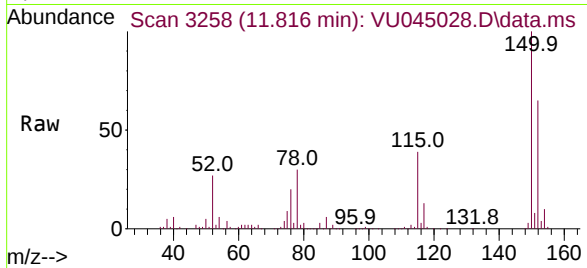




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.001 min
 Lab File: VU045028.D
 Acq: 30 Sep 2021 05:48

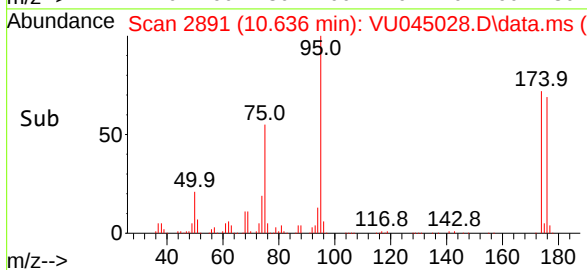
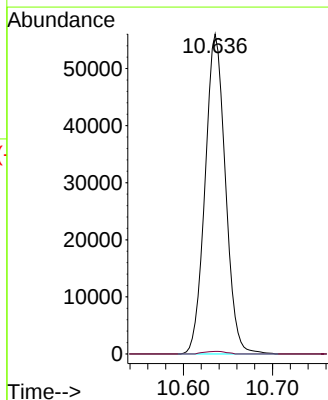
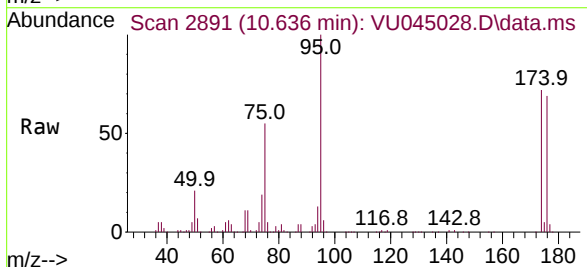
Instrument :
 MSVOA_U
 ClientSampled :
 MW-5

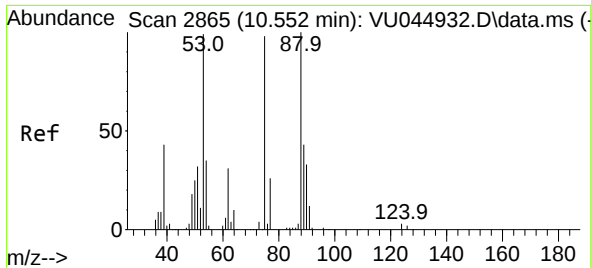
Tgt Ion:152 Resp: 150787
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.5 130.7
 150 157.0 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 20.187 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.192 min
 Lab File: VU045028.D
 Acq: 30 Sep 2021 05:48

Tgt Ion: 75 Resp: 88784
 Ion Ratio Lower Upper
 75 100
 77 0.9 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.021 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. 0.084 min
 Lab File: VU045028.D
 Acq: 30 Sep 2021 05:48

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Tgt Ion: 75 Resp: 88784
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

