

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
 Data File : VU043409.D
 Acq On : 29 Apr 2021 00:56
 Operator : SY/MD
 Sample : M2180-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

Quant Time: Apr 29 09:47:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

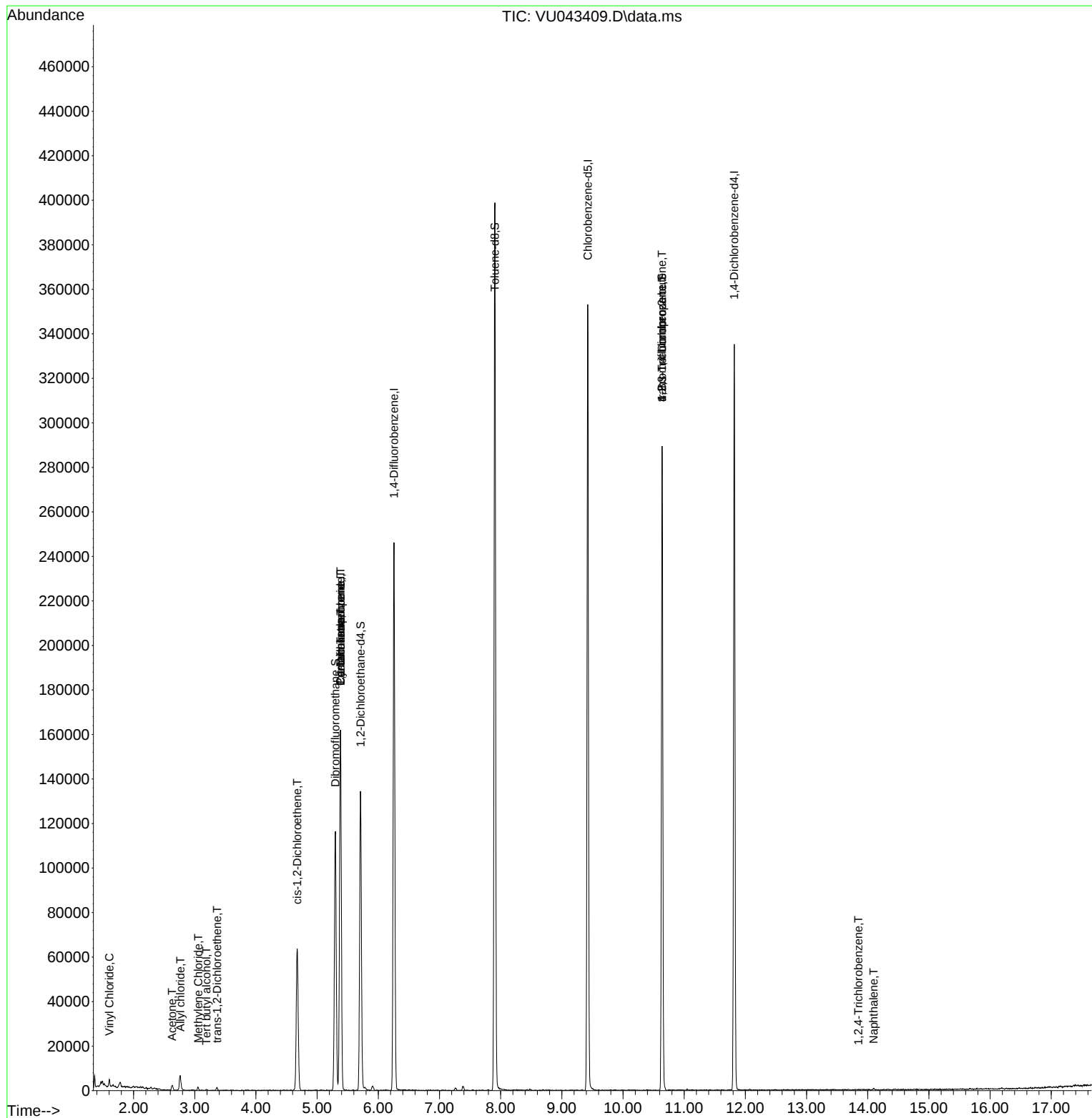
Internal Standards						
1) Pentafluorobenzene	5.382	168	108229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	179904	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	173908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	81809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101795	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
35) Dibromofluoromethane	5.298	113	69930	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	7.906	98	242773	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	10.639	95	84743	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	586	Below Cal	#	75
4) Vinyl Chloride	1.607	62	834	0.68 ug/l	#	80
11) Tert butyl alcohol	3.192	59	272	0.58 ug/l	#	94
14) Allyl chloride	2.765	41	600	0.24 ug/l	#	47
16) Acetone	2.630	43	2439	1.98 ug/l		99
20) Methylene Chloride	3.057	84	434	0.34 ug/l	#	73
21) trans-1,2-Dichloroethene	3.366	96	351	0.30 ug/l	#	70
27) cis-1,2-Dichloroethene	4.674	96	29616	21.99 ug/l		93
31) Cyclohexane	5.382	56	2930	1.31 ug/l	#	29
36) 1,1-Dichloropropene	5.382	75	9559	5.01 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	10660	5.21 ug/l	#	17
76) 1,2,3-Trichloropropane	10.639	75	48921	20.46 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	48921	60.13 ug/l	#	7
93) 1,2,4-Trichlorobenzene	13.848	180	21	1.52 ug/l	#	13
95) Naphthalene	14.099	128	596	2.84 ug/l	#	73

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

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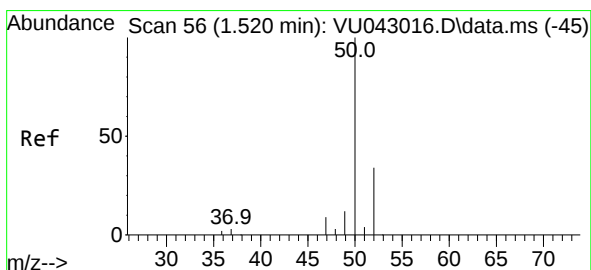
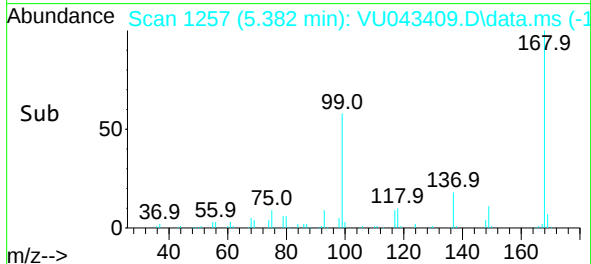
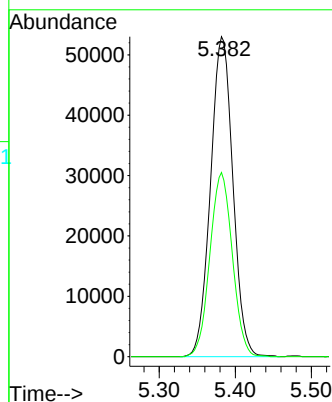
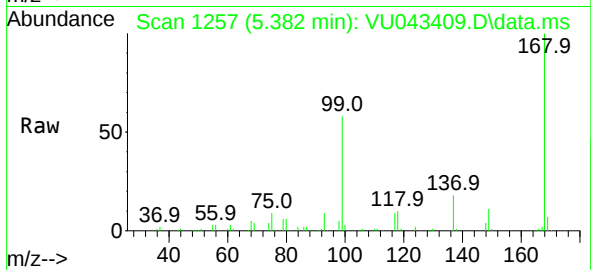




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

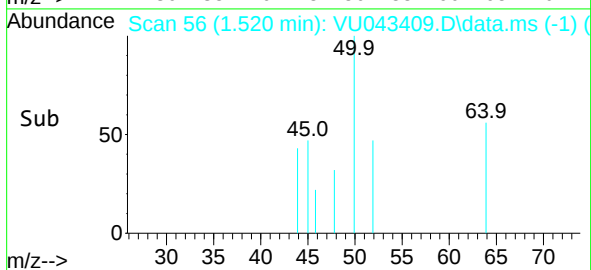
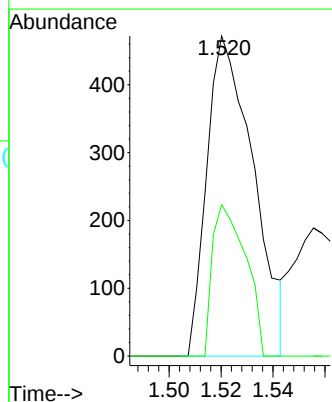
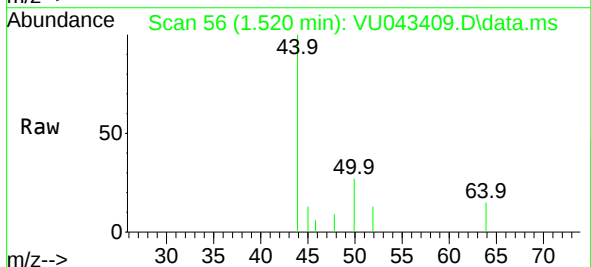
Instrument :
MSVOA_U
ClientSampled :
MW-2

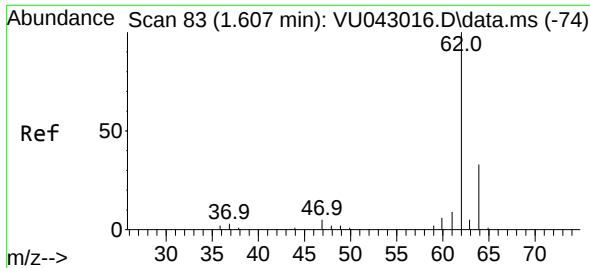
Tgt Ion:168 Resp: 108229
Ion Ratio Lower Upper
168 100
99 57.5 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

Tgt Ion: 50 Resp: 586
Ion Ratio Lower Upper
50 100
52 47.2 26.6 40.0#

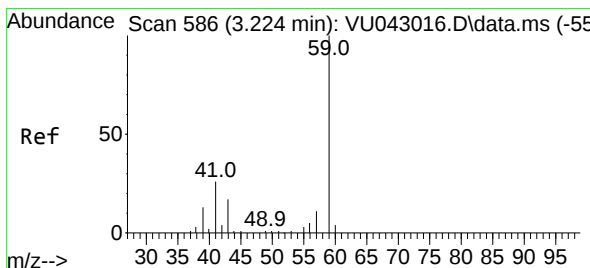
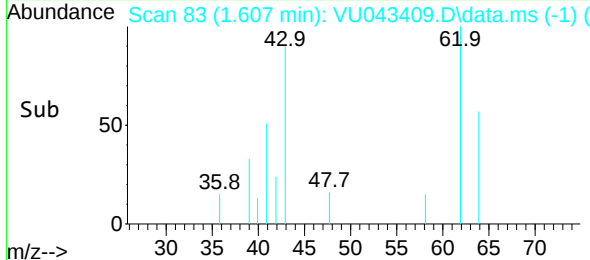
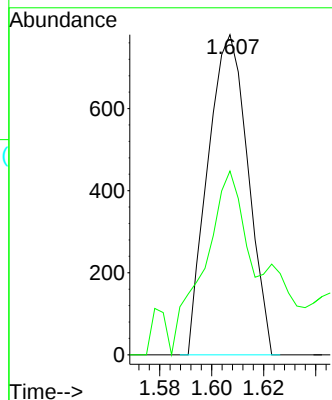
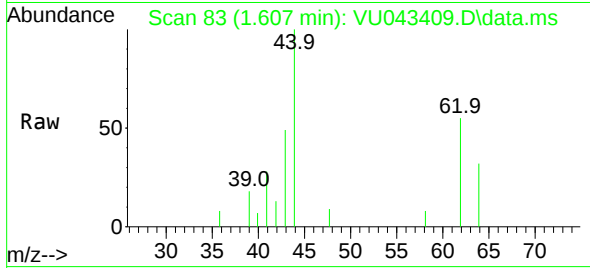




#4
 Vinyl Chloride
 Concen: 0.68 ug/l
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043409.D
 Acq: 29 Apr 2021 00:56

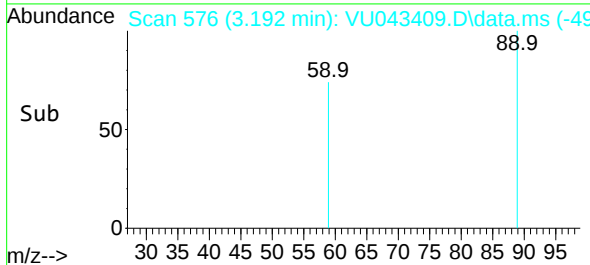
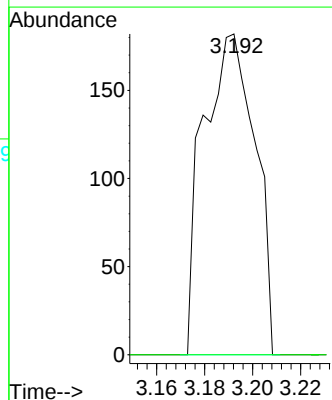
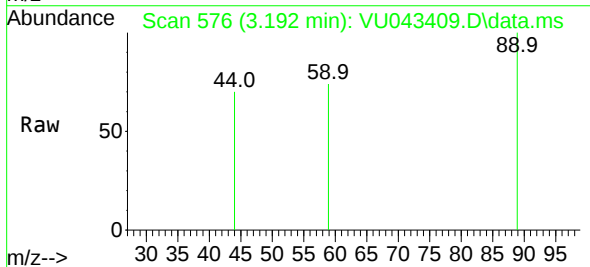
Instrument :
 MSVOA_U
 ClientSampled :
 MW-2

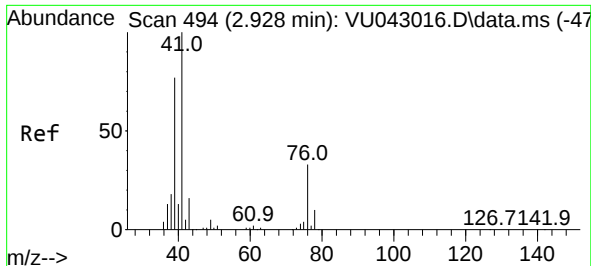
Tgt Ion: 62 Resp: 834
 Ion Ratio Lower Upper
 62 100
 64 42.4 25.2 37.8#



#11
 Tert butyl alcohol
 Concen: 0.58 ug/l
 RT: 3.192 min Scan# 576
 Delta R.T. -0.032 min
 Lab File: VU043409.D
 Acq: 29 Apr 2021 00:56

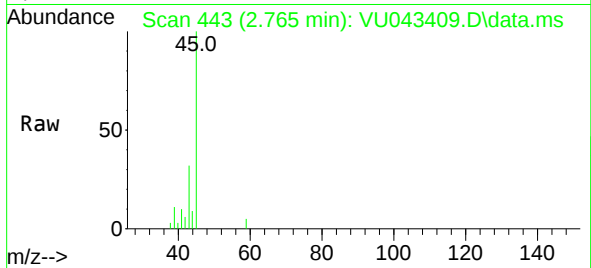
Tgt Ion: 59 Resp: 272
 Ion Ratio Lower Upper
 59 100
 57 0.0 1.6 2.4#



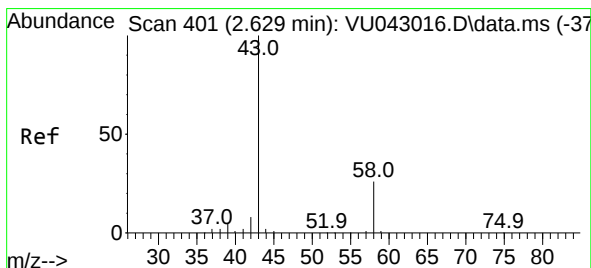
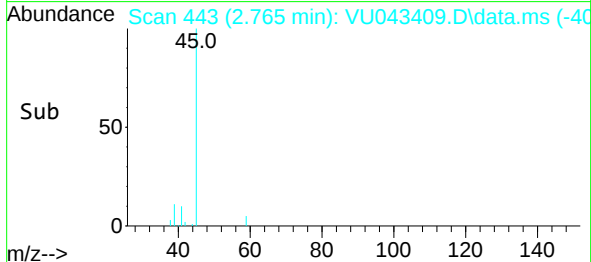
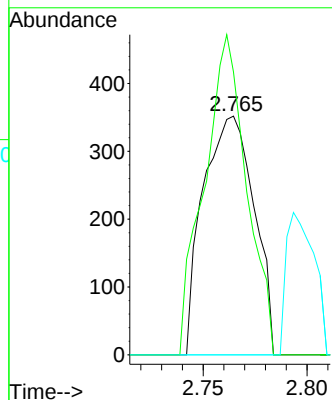


#14
 Allyl chloride
 Concen: 0.24 ug/l
 RT: 2.765 min Scan# 443
 Delta R.T. -0.163 min
 Lab File: VU043409.D
 Acq: 29 Apr 2021 00:56

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

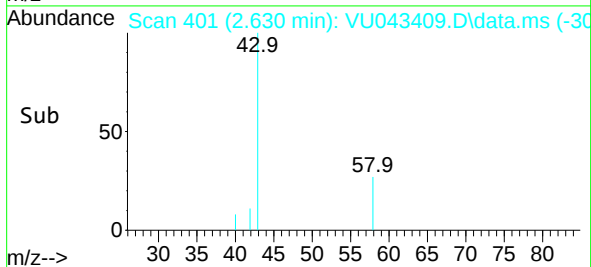
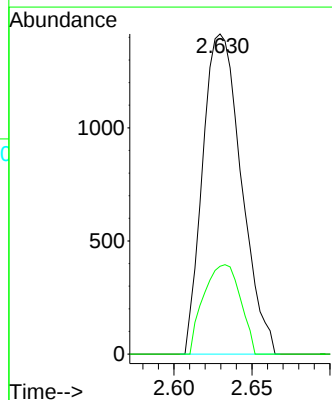
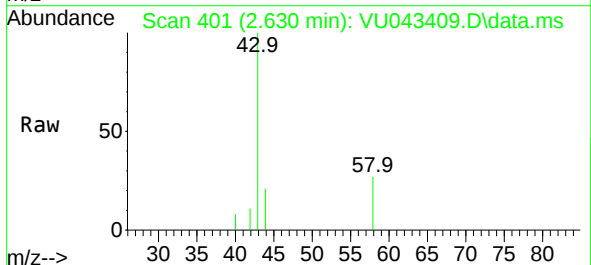


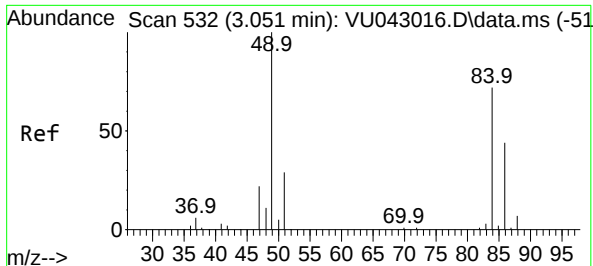
Tgt Ion: 41 Resp: 600
 Ion Ratio Lower Upper
 41 100
 39 111.3 54.9 82.3#
 76 0.0 22.5 33.7#



#16
 Acetone
 Concen: 1.98 ug/l
 RT: 2.630 min Scan# 401
 Delta R.T. 0.001 min
 Lab File: VU043409.D
 Acq: 29 Apr 2021 00:56

Tgt Ion: 43 Resp: 2439
 Ion Ratio Lower Upper
 43 100
 58 27.4 21.5 32.3





#20

Methylene Chloride

Concen: 0.34 ug/l

RT: 3.057 min Scan# 534

Delta R.T. 0.006 min

Lab File: VU043409.D

Acq: 29 Apr 2021 00:56

Instrument :

MSVOA_U

ClientSampleId :

MW-2

Tgt Ion: 84 Resp: 434

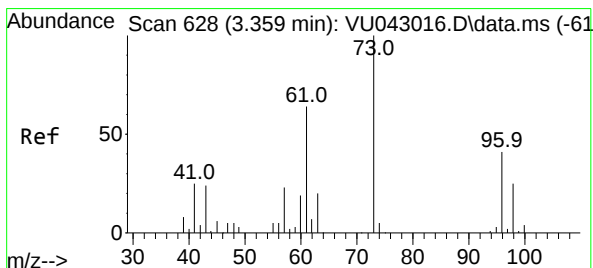
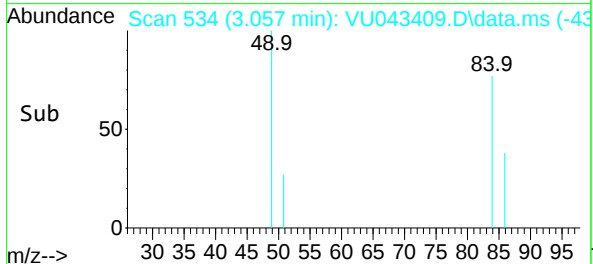
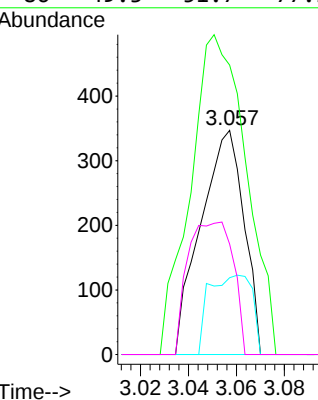
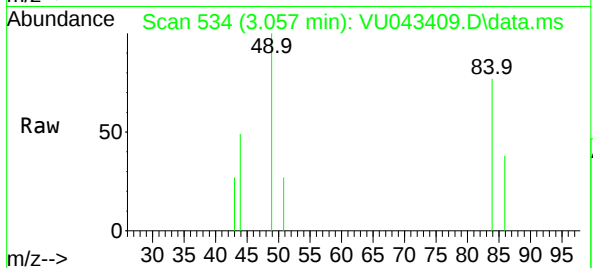
Ion Ratio Lower Upper

84 100

49 97.4 112.6 169.0#

51 34.3 33.7 50.5

86 49.3 51.7 77.5#



#21

trans-1,2-Dichloroethene

Concen: 0.30 ug/l

RT: 3.366 min Scan# 630

Delta R.T. 0.007 min

Lab File: VU043409.D

Acq: 29 Apr 2021 00:56

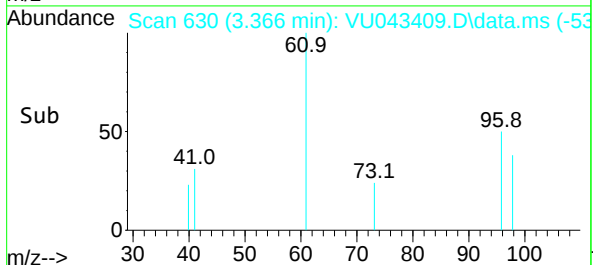
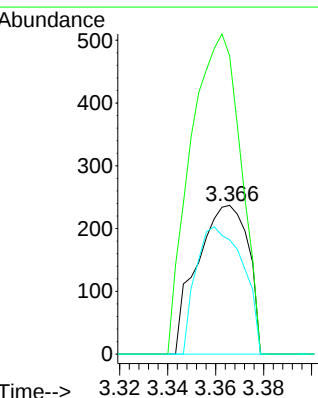
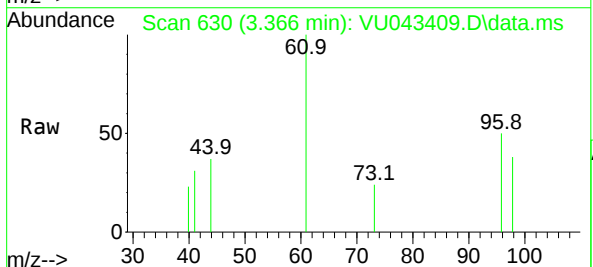
Tgt Ion: 96 Resp: 351

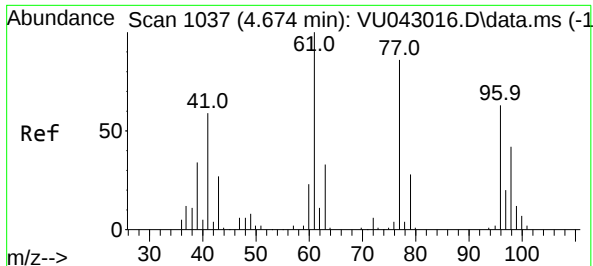
Ion Ratio Lower Upper

96 100

61 200.4 122.4 183.6#

98 76.8 51.9 77.9

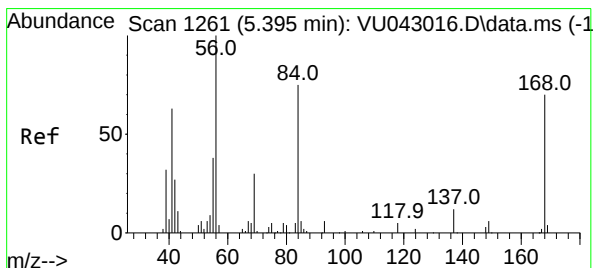
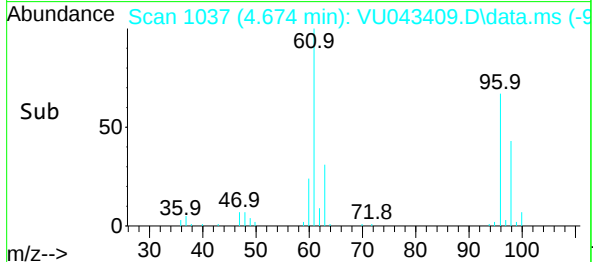
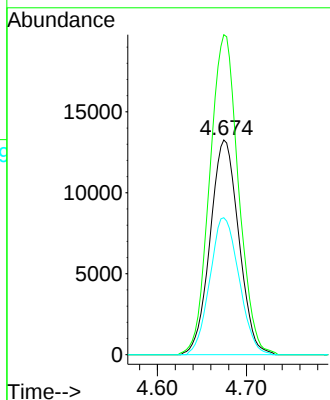
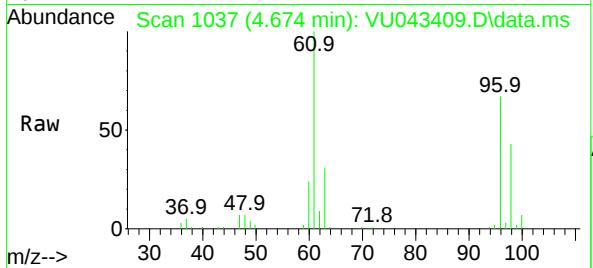




#27
 cis-1,2-Dichloroethene
 Concen: 21.99 ug/l
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU043409.D
 Acq: 29 Apr 2021 00:56

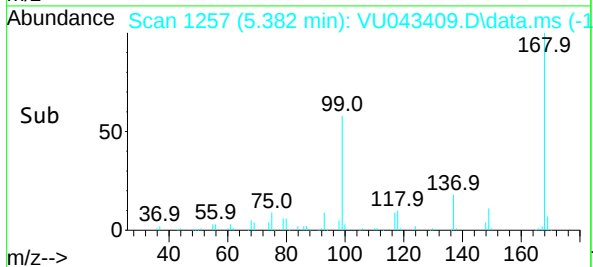
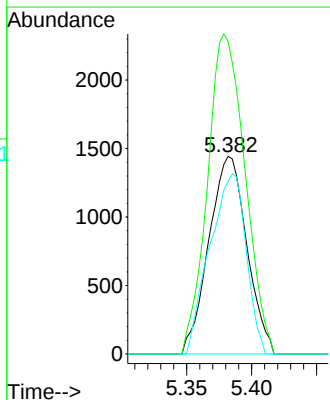
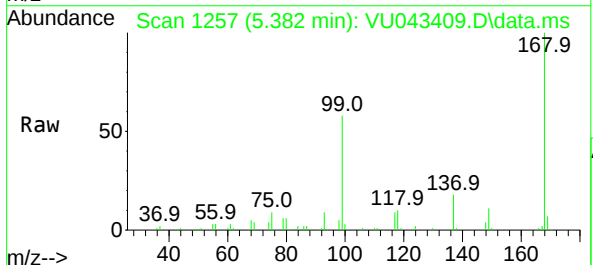
Instrument :
 MSVOA_U
 ClientSampled :
 MW-2

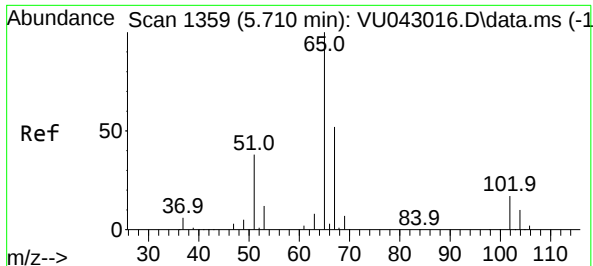
Tgt Ion:	96	Resp:	29616
Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	322.2
98	65.2	0.0	128.6



#31
 Cyclohexane
 Concen: 1.31 ug/l
 RT: 5.382 min Scan# 1257
 Delta R.T. -0.013 min
 Lab File: VU043409.D
 Acq: 29 Apr 2021 00:56

Tgt Ion:	56	Resp:	2930
Ion	Ratio	Lower	Upper
56	100		
69	158.1	24.9	37.3#
84	87.3	63.7	95.5





#33

1,2-Dichloroethane-d4

Concen: 55.95 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

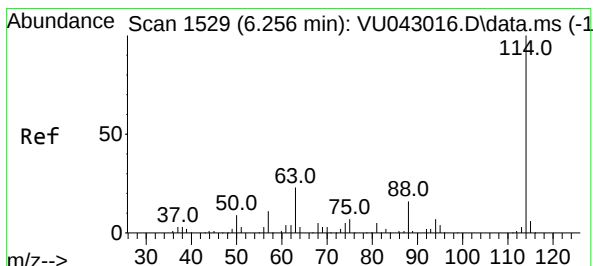
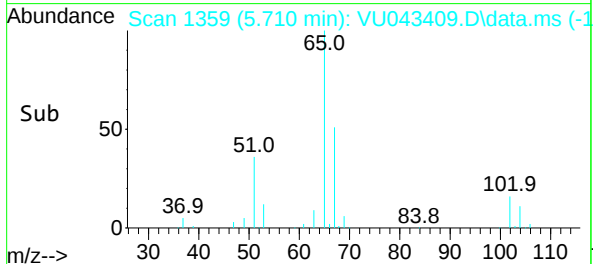
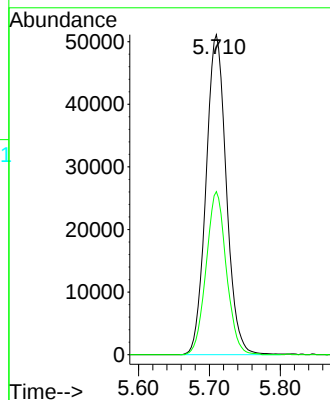
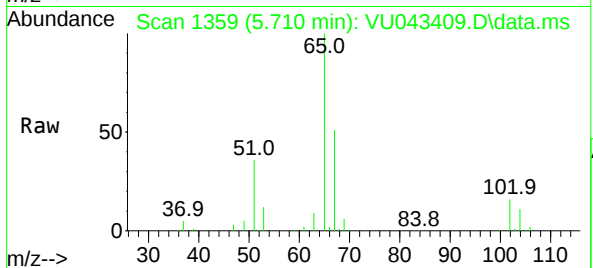
Lab File: VU043409.D

Acq: 29 Apr 2021 00:56

Tgt Ion: 65 Resp: 101795

Ion Ratio Lower Upper

65	100		
67	50.7	0.0	99.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

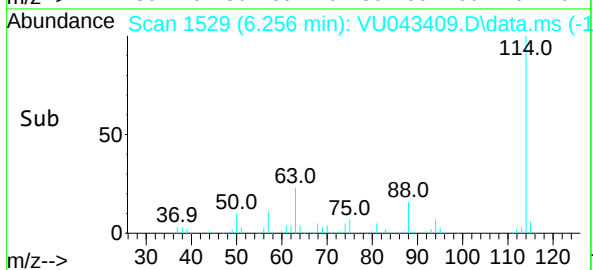
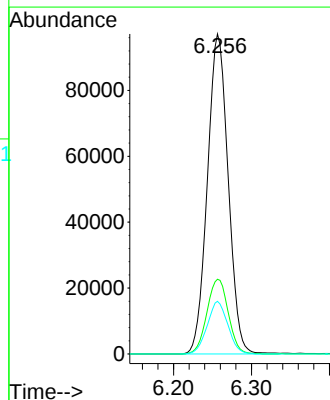
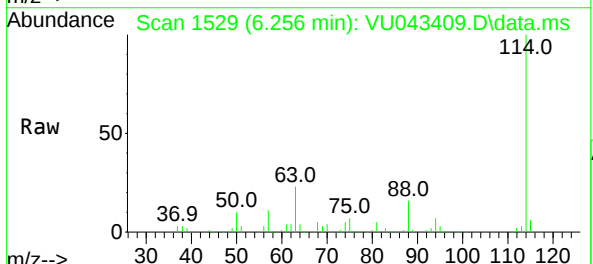
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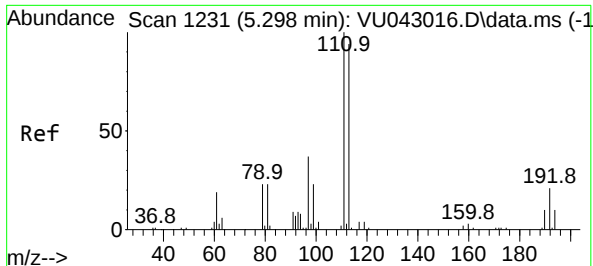
Acq: 29 Apr 2021 00:56

Tgt Ion: 114 Resp: 179904

Ion Ratio Lower Upper

114	100		
63	23.4	0.0	44.2
88	16.5	0.0	33.4

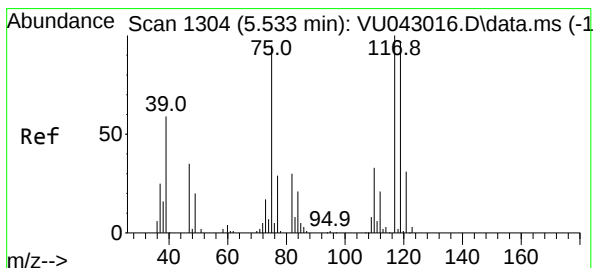
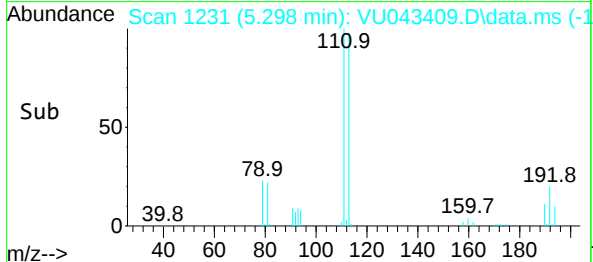
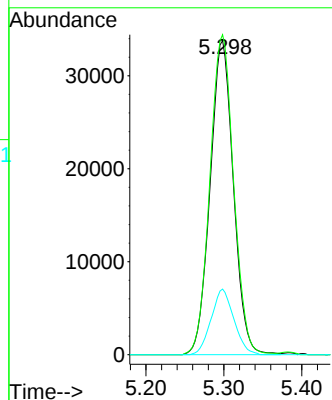
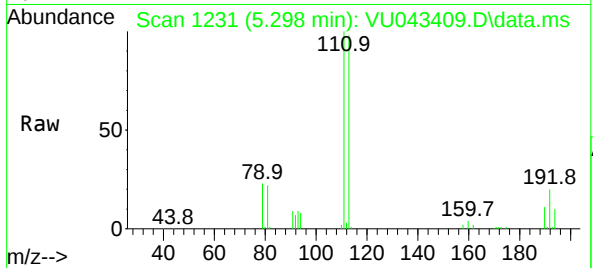




#35
Dibromofluoromethane
Concen: 51.73 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

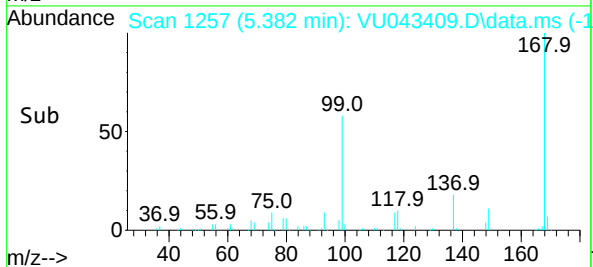
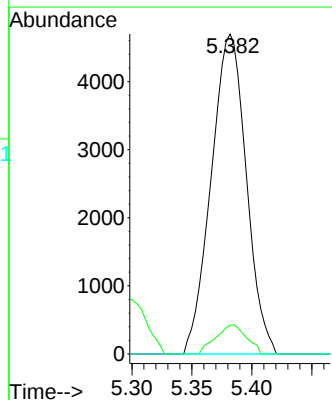
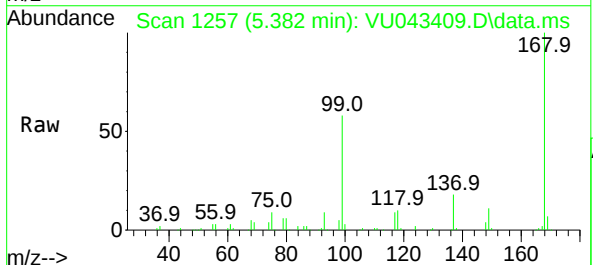
Instrument :
MSVOA_U
ClientSampled :
MW-2

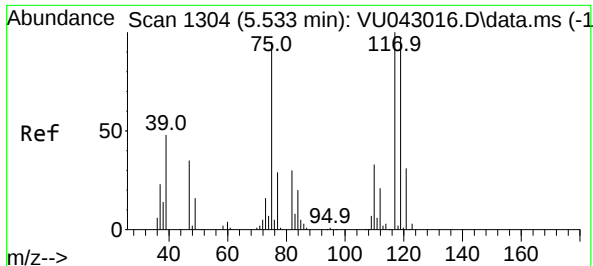
Tgt Ion:113 Resp: 69930
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.8
192 20.4 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

Tgt Ion: 75 Resp: 9559
Ion Ratio Lower Upper
75 100
110 7.9 16.8 50.3#
77 0.0 24.8 37.2#

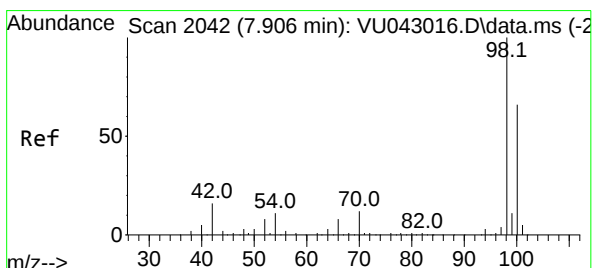
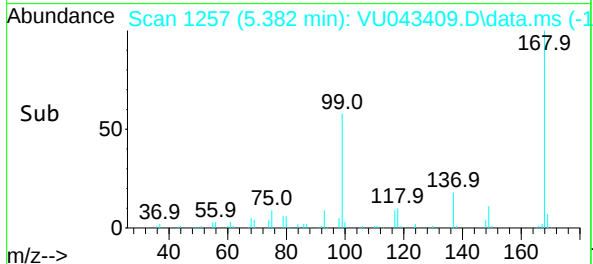
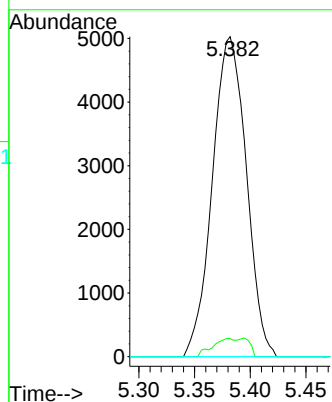
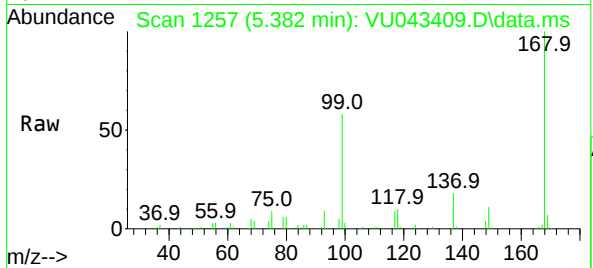




#38
Carbon Tetrachloride
Concen: 5.21 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

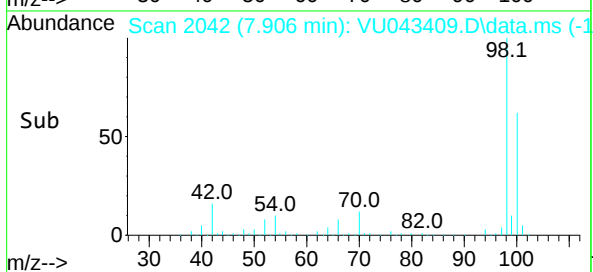
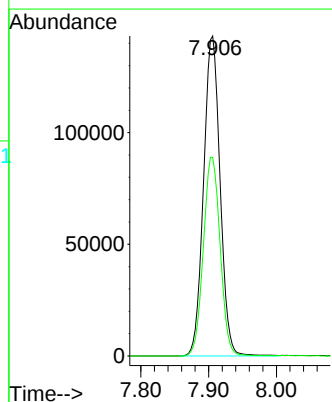
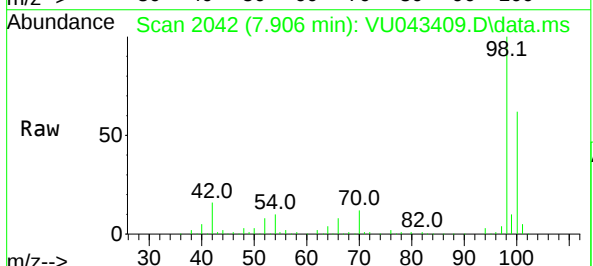
Instrument :
MSVOA_U
ClientSampleId :
MW-2

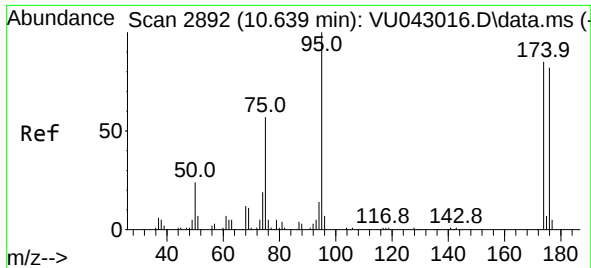
Tgt Ion: 117 Resp: 10660
Ion Ratio Lower Upper
117 100
119 5.6 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.75 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

Tgt Ion: 98 Resp: 242773
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

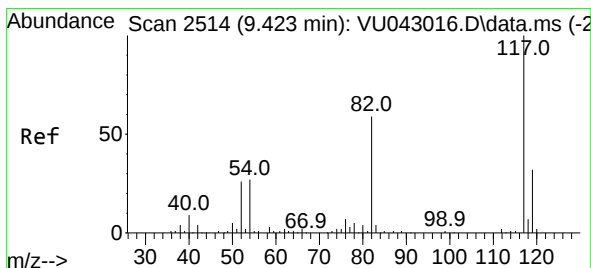
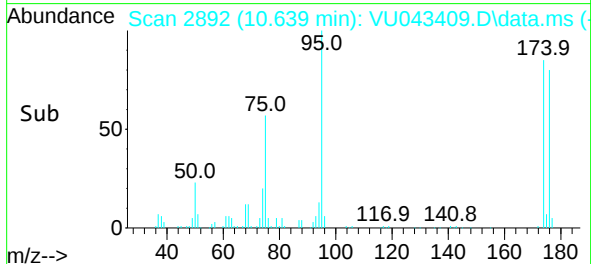
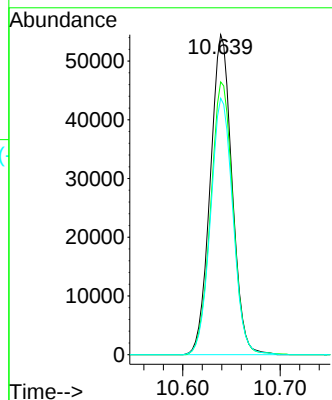
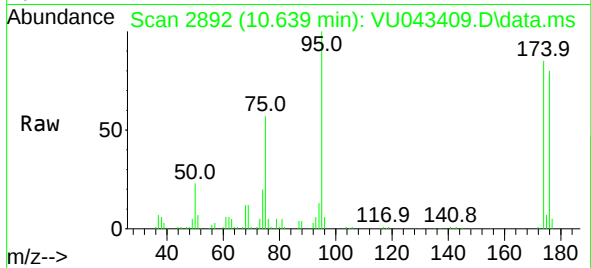




#62
4-Bromofluorobenzene
Concen: 44.24 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

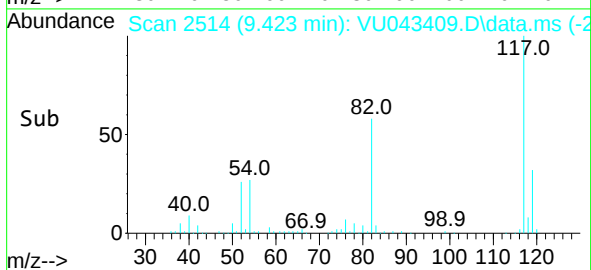
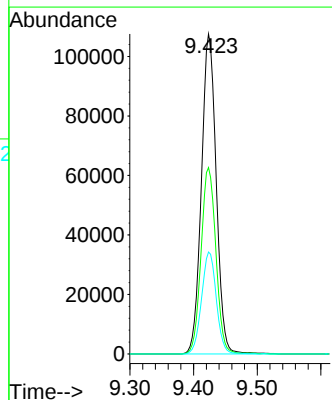
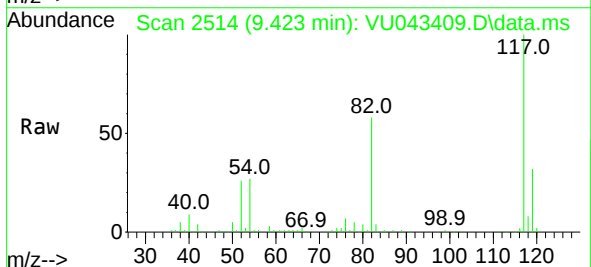
Instrument :
MSVOA_U
ClientSampleId :
MW-2

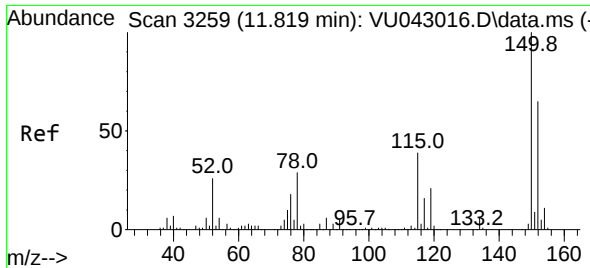
Tgt Ion: 95 Resp: 84743
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.2
176 82.0 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

Tgt Ion: 117 Resp: 173908
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.6
119 31.9 25.8 38.8

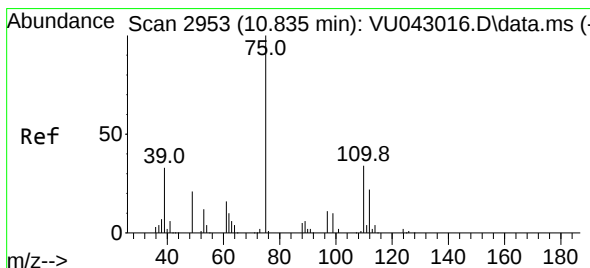
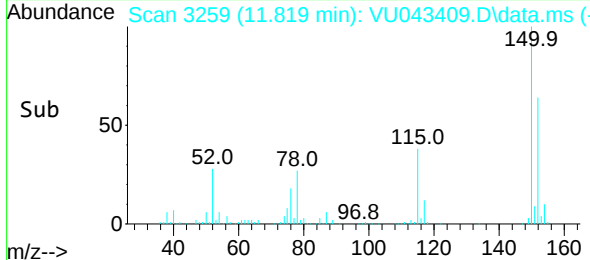
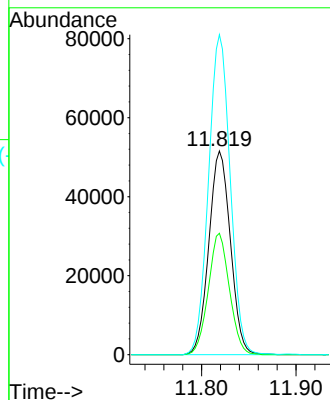
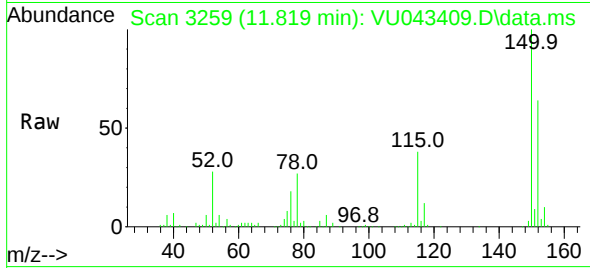




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

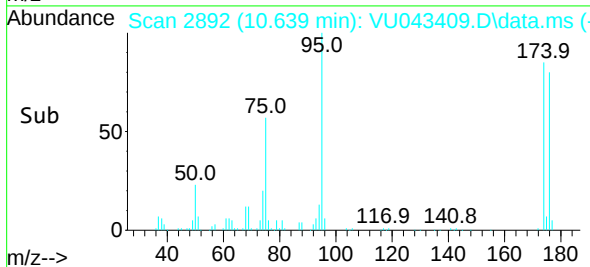
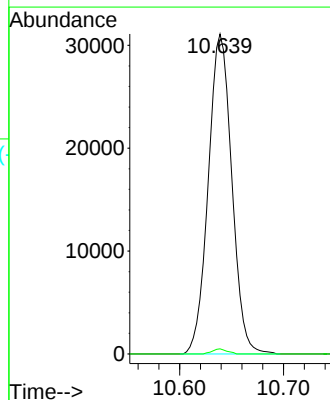
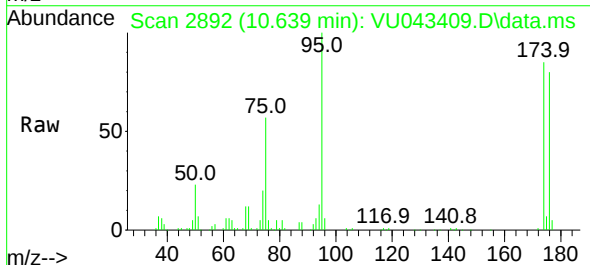
Instrument :
MSVOA_U
ClientSampled :
MW-2

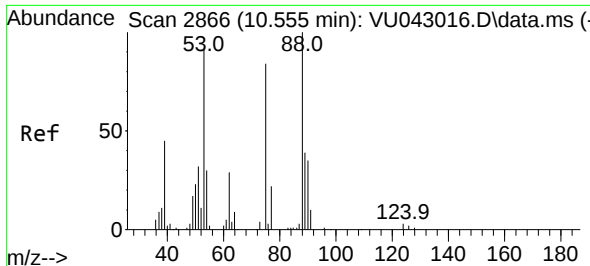
Tgt Ion:152 Resp: 81809
Ion Ratio Lower Upper
152 100
115 58.2 41.5 124.6
150 157.7 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 20.46 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

Tgt Ion: 75 Resp: 48921
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#

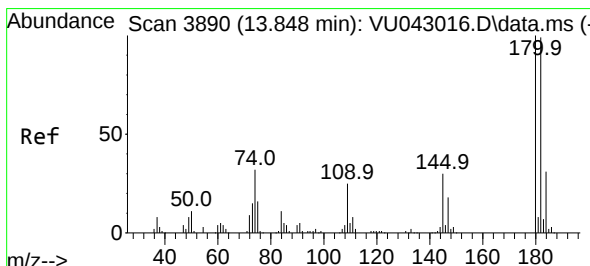
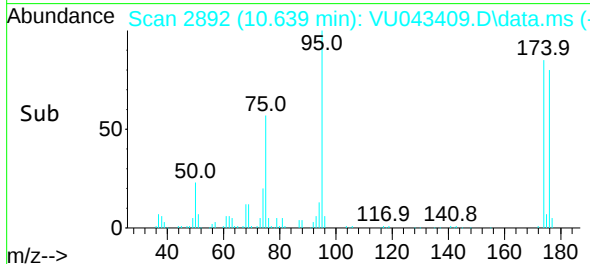
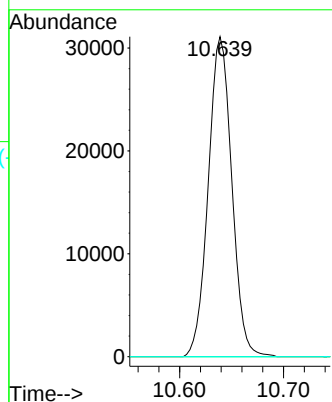
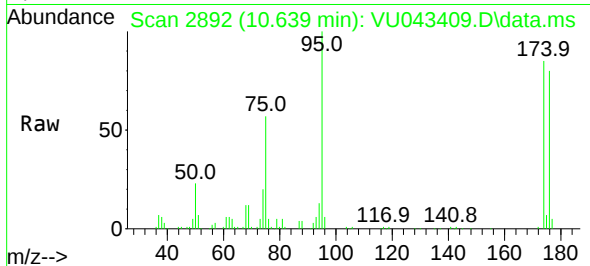




#81
trans-1,4-Dichloro-2-butene
Concen: 60.13 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

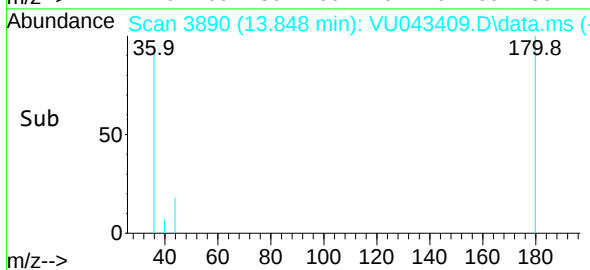
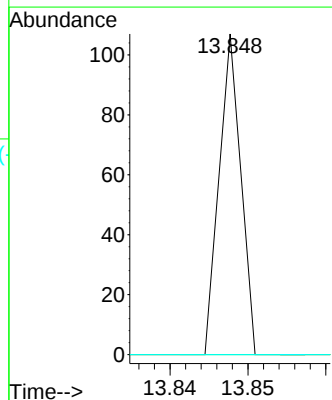
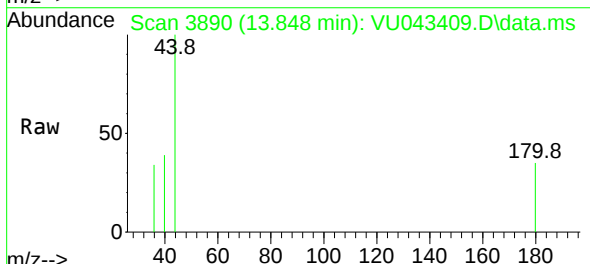
Instrument :
MSVOA_U
ClientSampleId :
MW-2

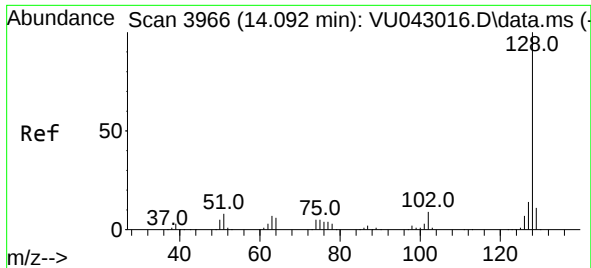
Tgt Ion: 75 Resp: 48921
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.52 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

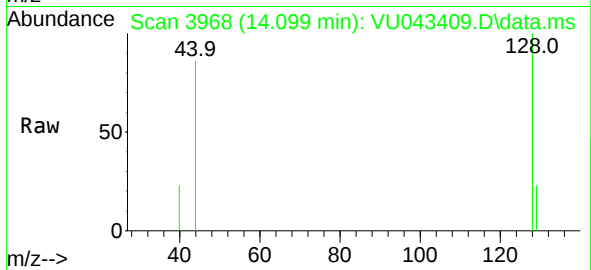
Tgt Ion:180 Resp: 21
Ion Ratio Lower Upper
180 100
182 0.0 46.9 140.8#
145 0.0 14.4 43.4#





#95
Naphthalene
Concen: 2.84 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043409.D
Acq: 29 Apr 2021 00:56

Instrument :
MSVOA_U
ClientSampleId :
MW-2



Tgt Ion:128 Resp: 596
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 3.5 8.6 13.0#

