

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043400.D
 Acq On : 28 Apr 2021 20:41
 Operator : SY/MD
 Sample : M2208-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-418-420

Quant Time: Apr 29 08:43:36 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)

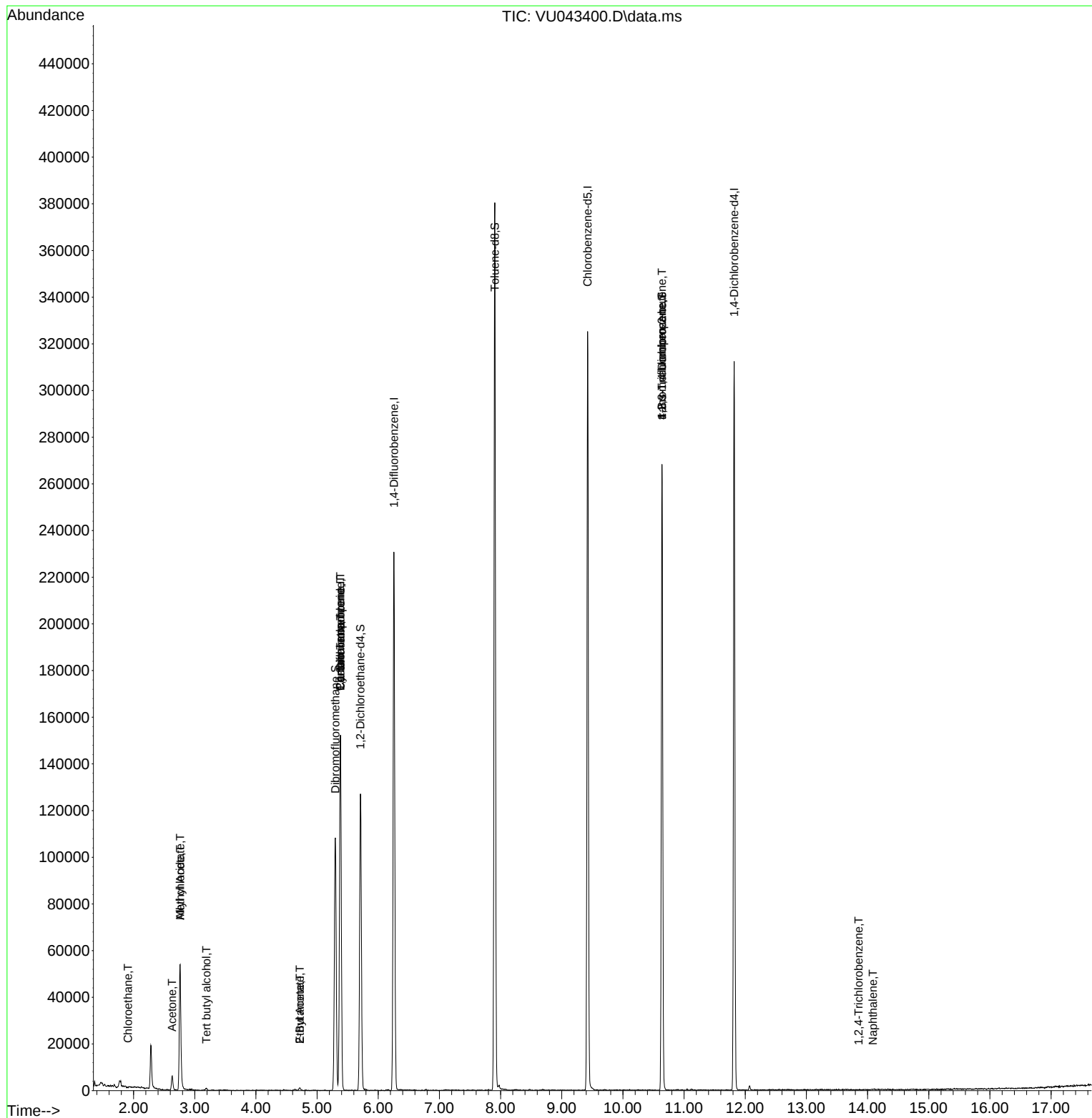
Internal Standards						
1) Pentafluorobenzene	5.382	168	99966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	167605	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	162242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	75723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	96873	57.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.28%	
35) Dibromofluoromethane	5.298	113	68083	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	7.906	98	228793	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	10.639	95	78607	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	643	Below Cal		90
6) Chloroethane	1.909	64	247	0.28 ug/l #		42
11) Tert butyl alcohol	3.189	59	702	1.62 ug/l #		94
14) Allyl chloride	2.761	41	5642	2.48 ug/l #		68
16) Acetone	2.629	43	6879	6.66 ug/l		99
18) Methyl Acetate	2.761	43	15305	7.29 ug/l #		55
25) 2-Butanone	4.719	43	1867	1.22 ug/l		92
31) Cyclohexane	5.382	56	2550	1.23 ug/l #		10
36) 1,1-Dichloropropene	5.382	75	8374	4.71 ug/l #		51
37) Ethyl Acetate	4.719	43	1867	0.61 ug/l #		71
38) Carbon Tetrachloride	5.382	117	10501	5.51 ug/l #		18
76) 1,2,3-Trichloropropane	10.639	75	46185	20.87 ug/l #		36
81) trans-1,4-Dichloro-2-b...	10.639	75	46185	61.33 ug/l #		7
93) 1,2,4-Trichlorobenzene	13.851	180	39	1.53 ug/l #		13
95) Naphthalene	14.089	128	389	2.81 ug/l #		69

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

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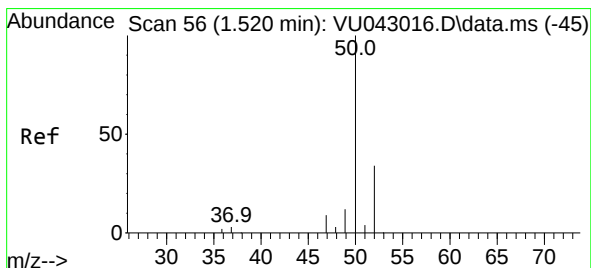
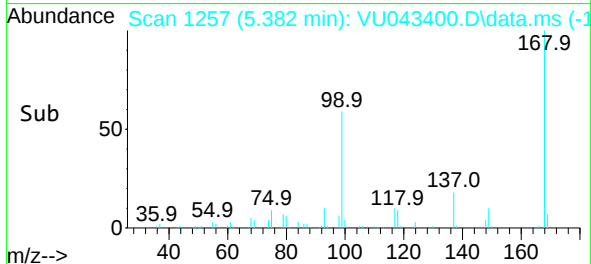
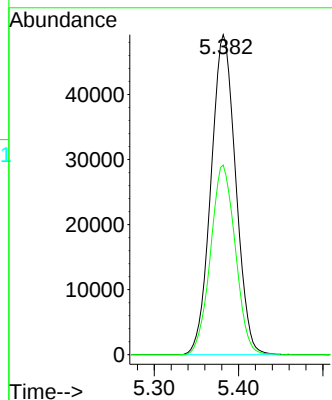
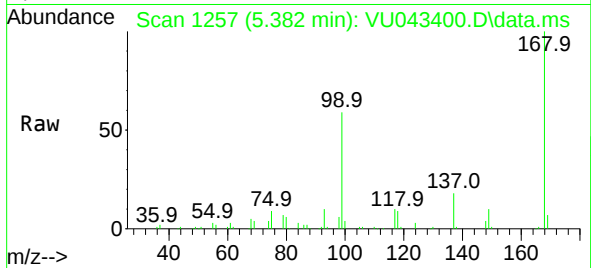




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

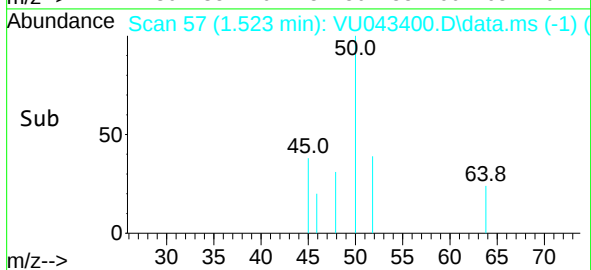
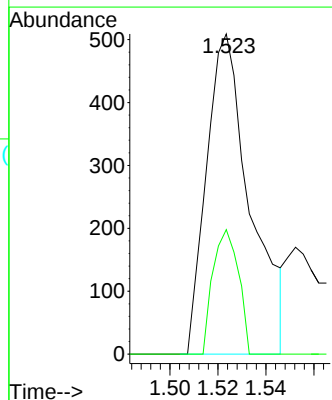
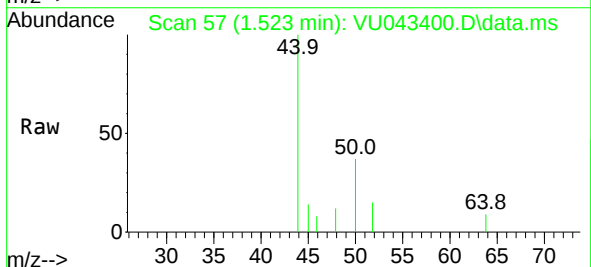
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-418-420

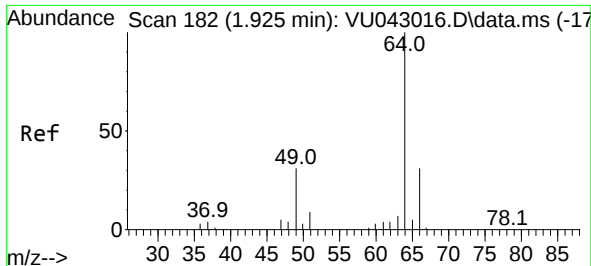
Tgt Ion:168 Resp: 99966
Ion Ratio Lower Upper
168 100
99 59.2 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

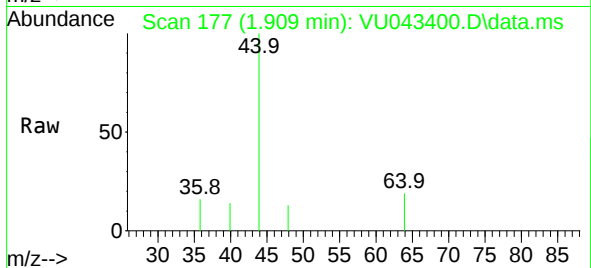
Tgt Ion: 50 Resp: 643
Ion Ratio Lower Upper
50 100
52 38.9 26.6 40.0



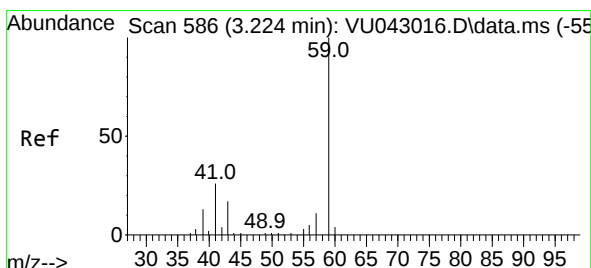
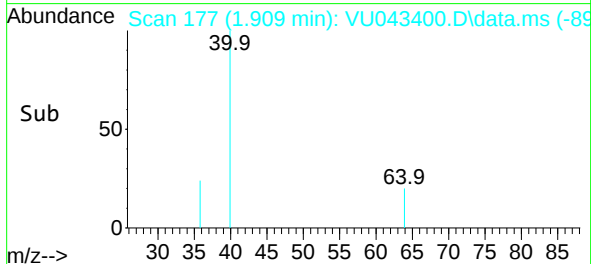
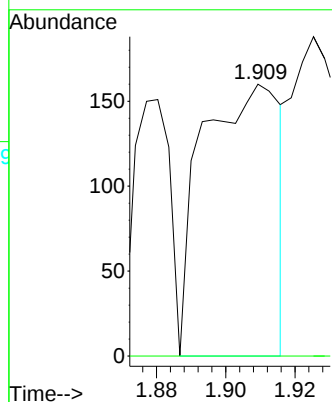


#6
Chloroethane
Concen: 0.28 ug/l
RT: 1.909 min Scan# 177
Delta R.T. -0.016 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-418-420

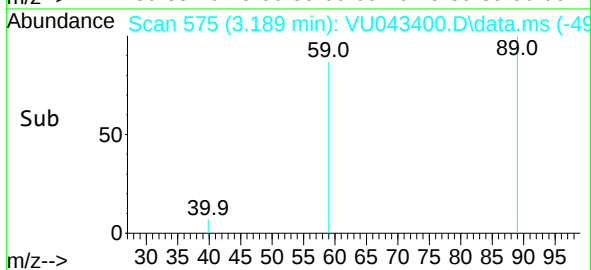
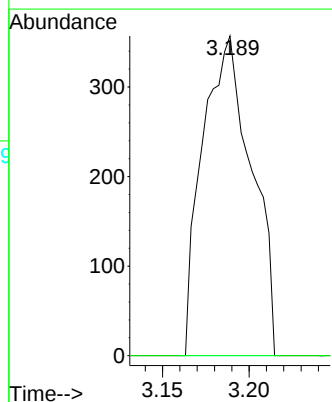
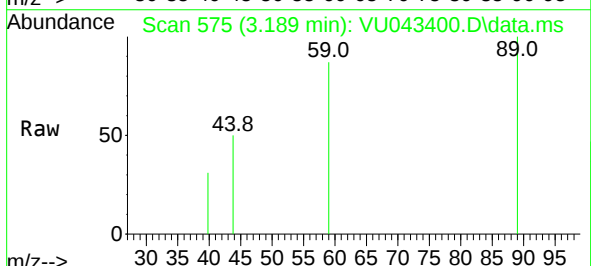


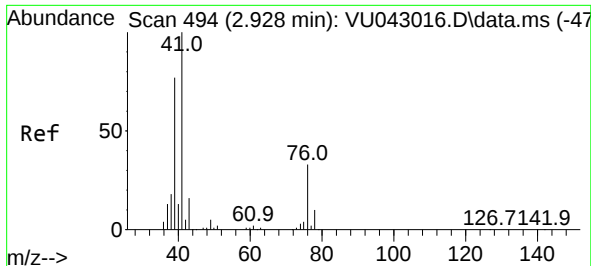
Tgt Ion: 64 Resp: 247
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 1.62 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.035 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

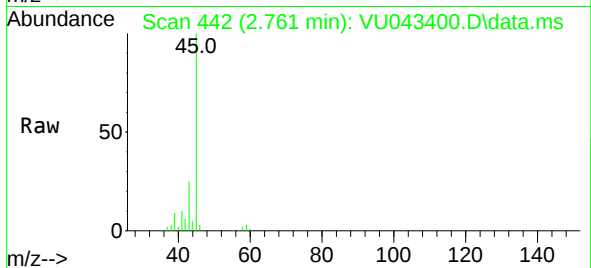
Tgt Ion: 59 Resp: 702
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



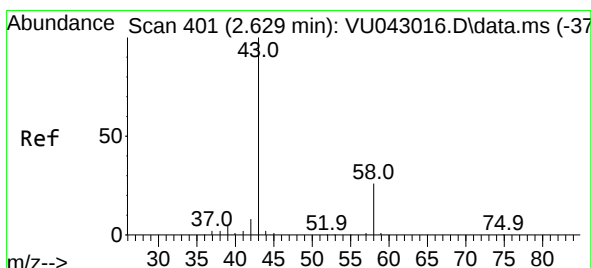
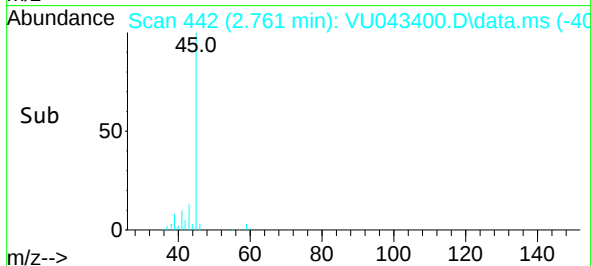
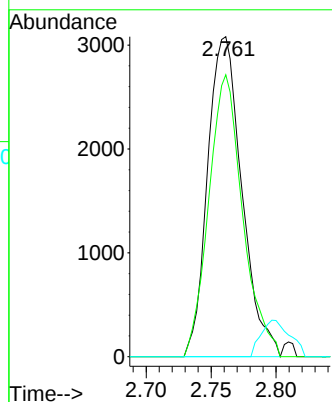


#14
 Allyl chloride
 Concen: 2.48 ug/l
 RT: 2.761 min Scan# 442
 Delta R.T. -0.167 min
 Lab File: VU043400.D
 Acq: 28 Apr 2021 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-418-420

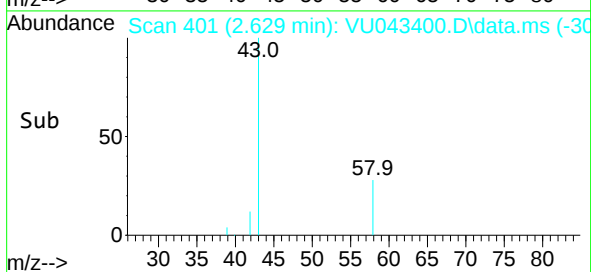
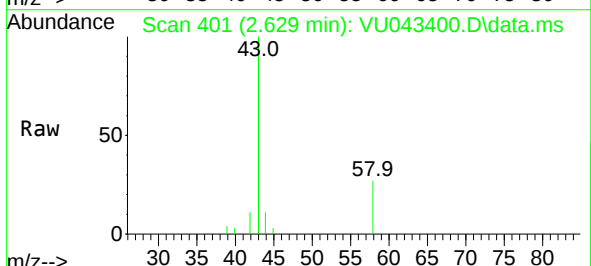
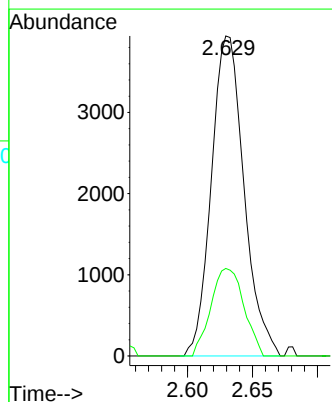


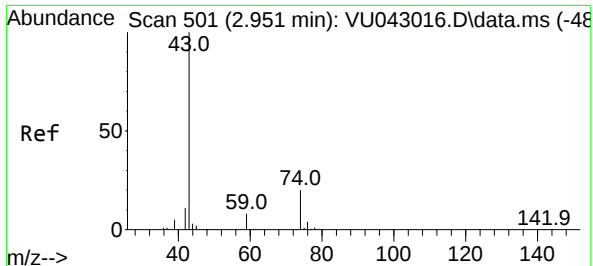
Tgt Ion: 41 Resp: 5642
 Ion Ratio Lower Upper
 41 100
 39 87.3 54.9 82.3#
 76 0.0 22.5 33.7#



#16
 Acetone
 Concen: 6.66 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU043400.D
 Acq: 28 Apr 2021 20:41

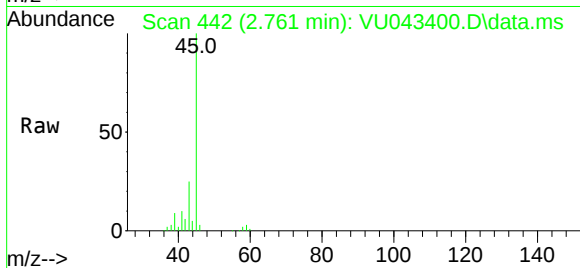
Tgt Ion: 43 Resp: 6879
 Ion Ratio Lower Upper
 43 100
 58 27.4 21.5 32.3



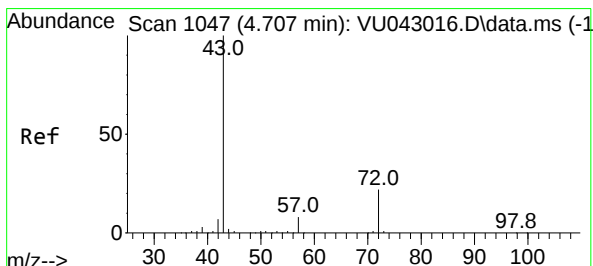
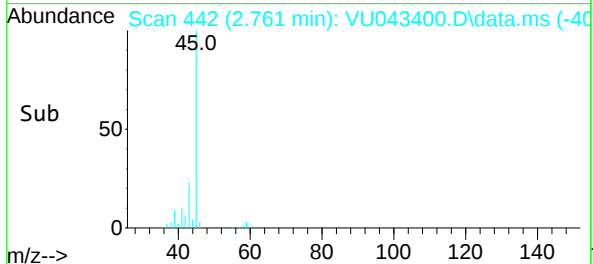
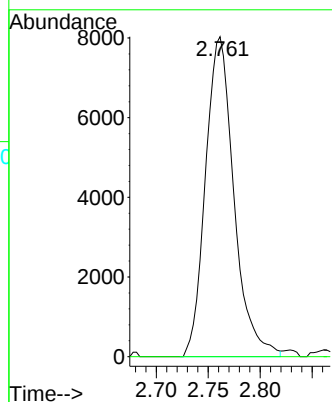


#18
Methyl Acetate
Concen: 7.29 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.190 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-418-420

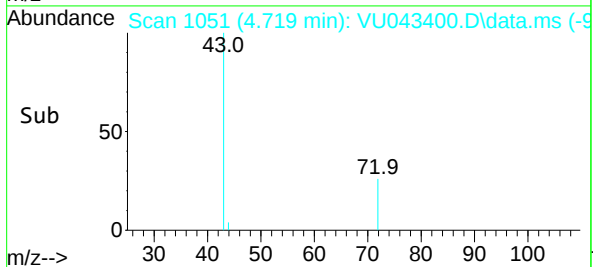
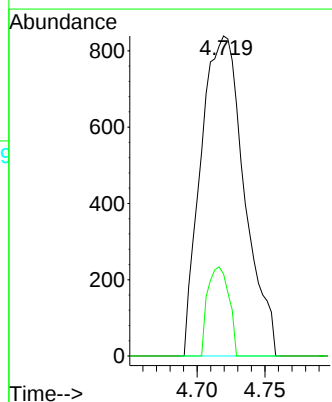
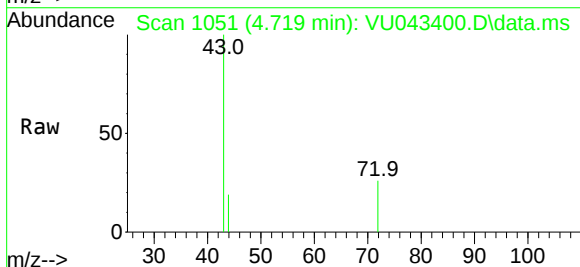


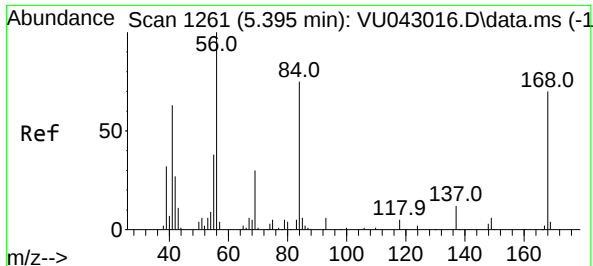
Tgt Ion: 43 Resp: 15305
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#25
2-Butanone
Concen: 1.22 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

Tgt Ion: 43 Resp: 1867
Ion Ratio Lower Upper
43 100
72 25.6 17.4 26.0





#31

Cyclohexane

Concen: 1.23 ug/l

RT: 5.382 min Scan# 1257

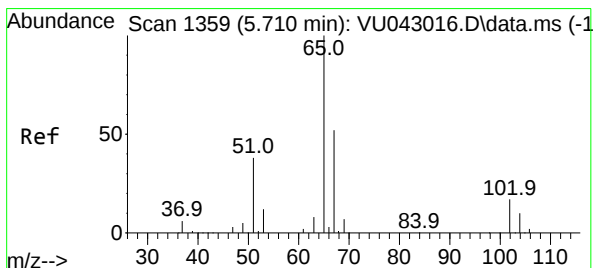
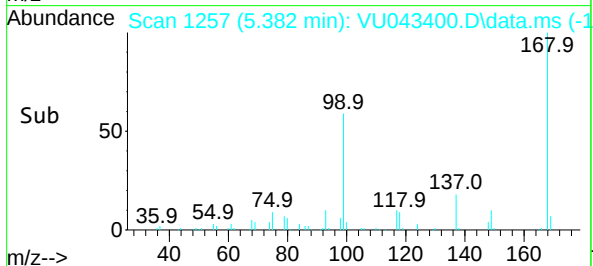
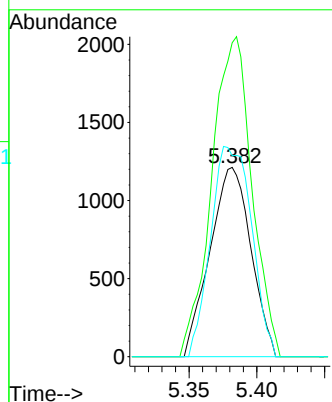
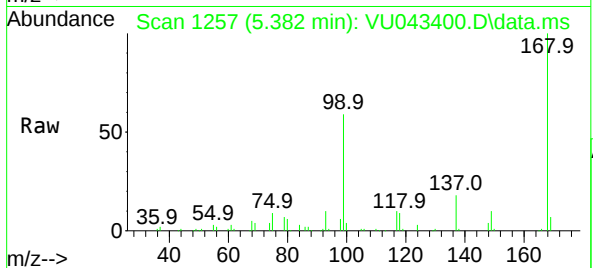
Delta R.T. -0.013 min

Lab File: VU043400.D

Acq: 28 Apr 2021 20:41

Tgt Ion:	56	Resp:	2550
Ion	Ratio	Lower	Upper
56	100		
69	165.8	24.9	37.3#
84	106.2	63.7	95.5#

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-418-420



#33

1,2-Dichloroethane-d4

Concen: 57.64 ug/l

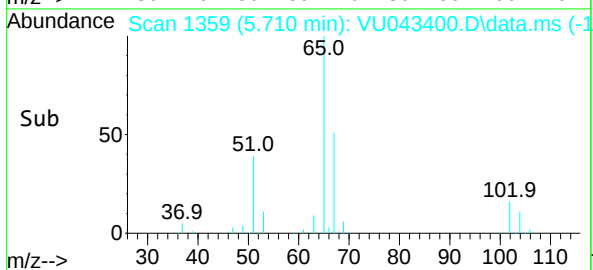
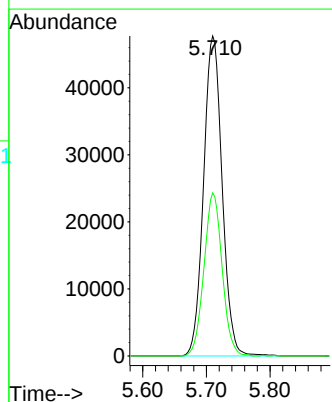
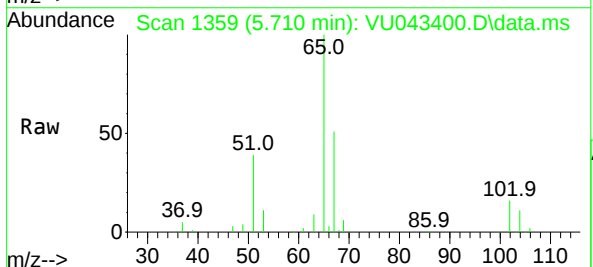
RT: 5.710 min Scan# 1359

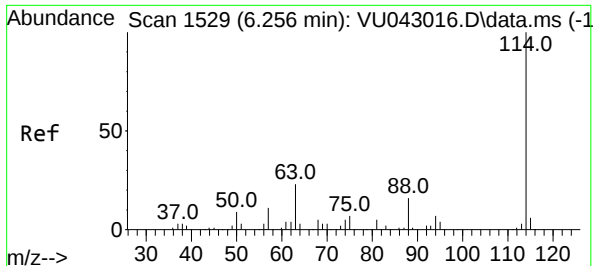
Delta R.T. -0.000 min

Lab File: VU043400.D

Acq: 28 Apr 2021 20:41

Tgt Ion:	65	Resp:	96873
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.8

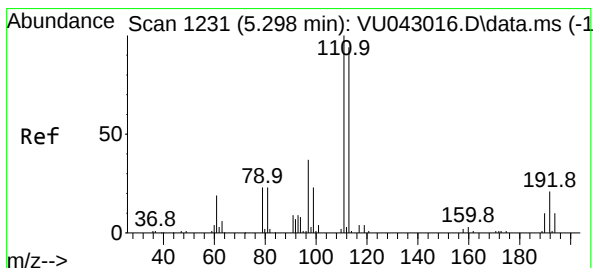
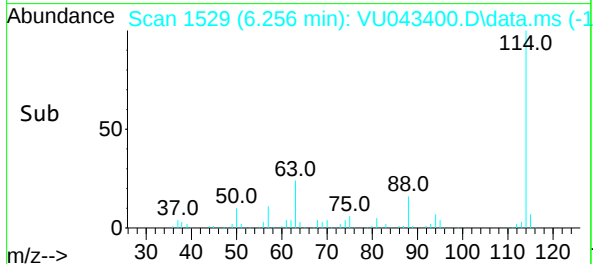
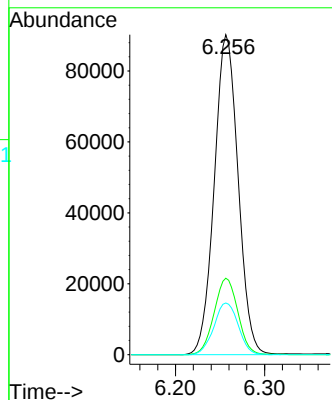
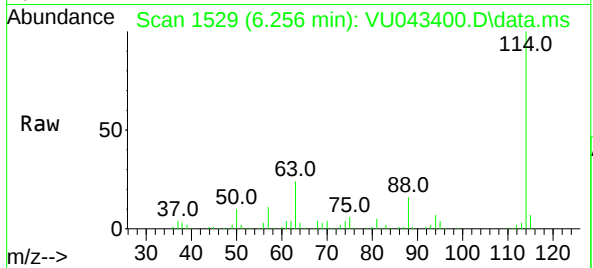




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

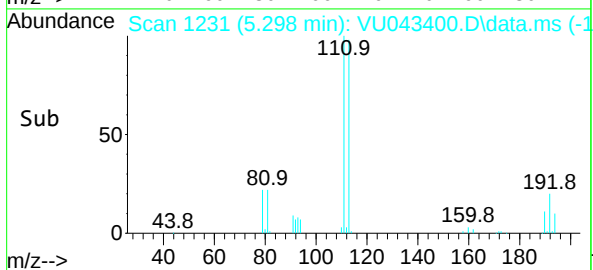
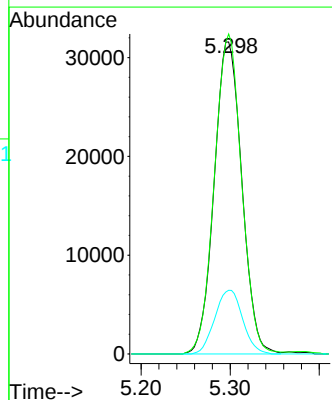
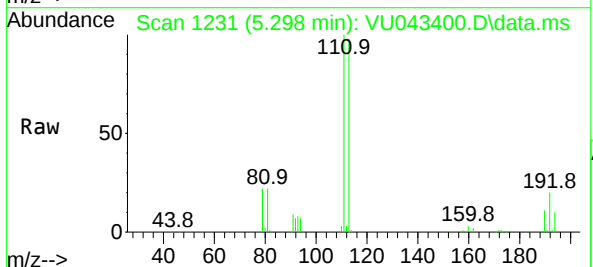
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MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-418-420

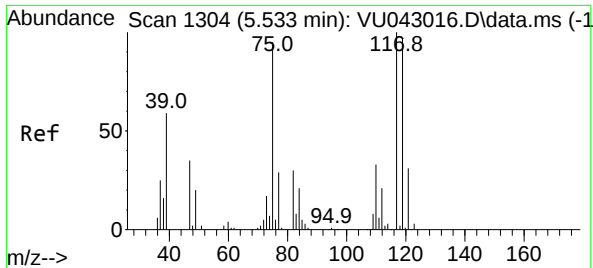
Tgt Ion:	114	Resp:	167605
Ion Ratio	Lower	Upper	
114	100		
63	23.9	0.0	44.2
88	16.1	0.0	33.4



#35
Dibromofluoromethane
Concen: 54.06 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

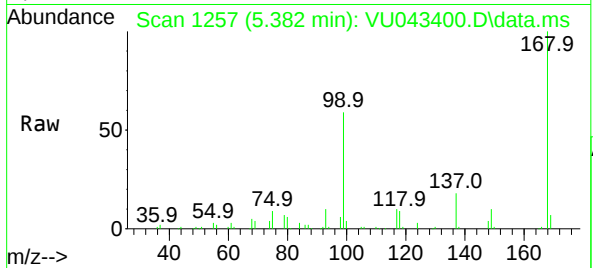
Tgt Ion:	113	Resp:	68083
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.8	122.8
192	20.5	17.2	25.8



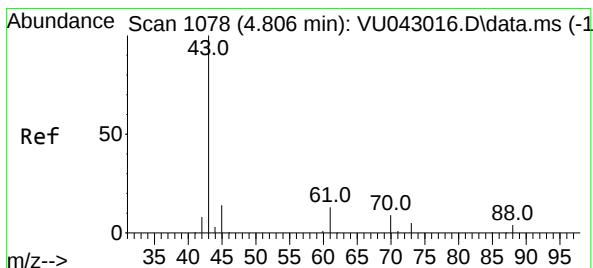
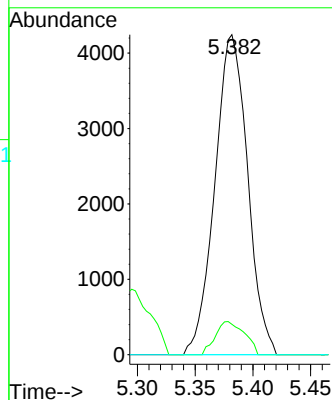
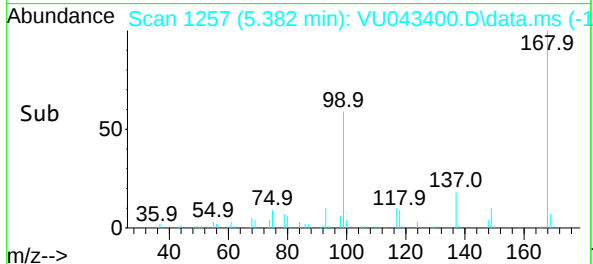


#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

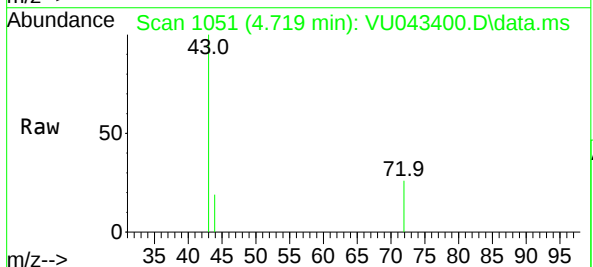
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-418-420



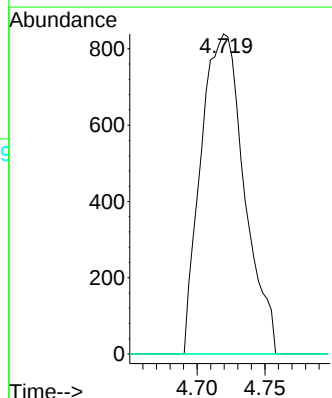
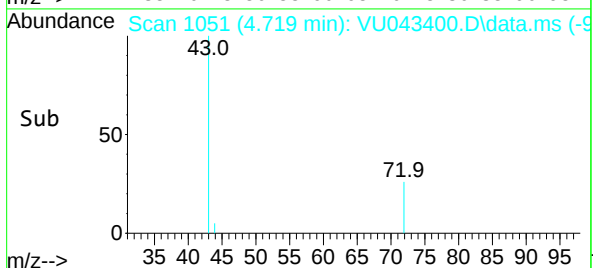
Tgt Ion: 75 Resp: 8374
Ion Ratio Lower Upper
75 100
110 9.2 16.8 50.3#
77 0.0 24.8 37.2#

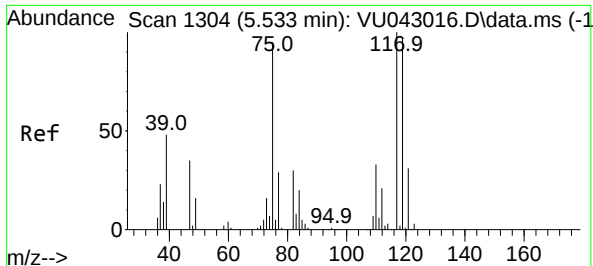


#37
Ethyl Acetate
Concen: 0.61 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. -0.087 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41



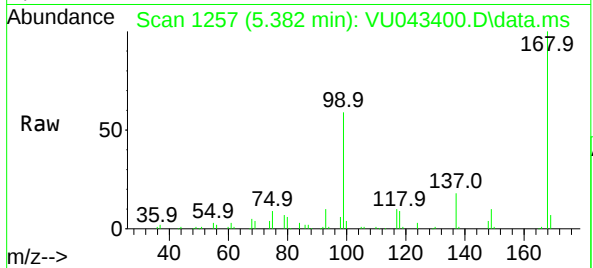
Tgt Ion: 43 Resp: 1867
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.2 10.8#



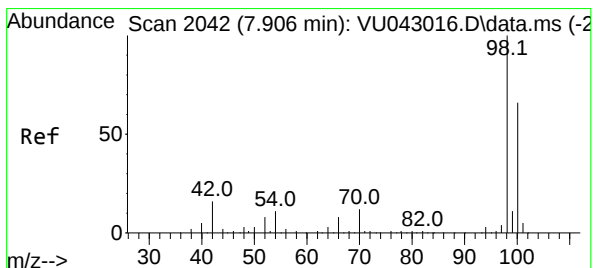
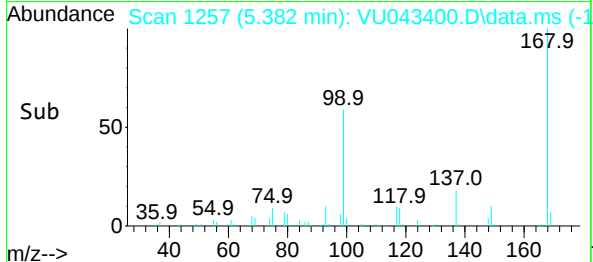
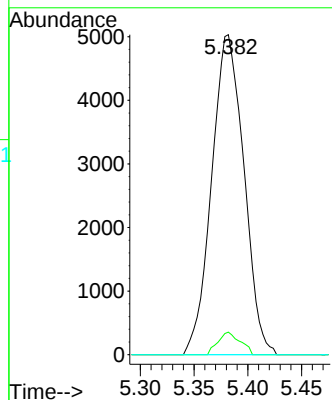


#38
Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-418-420

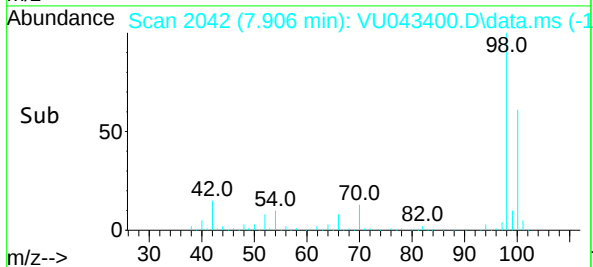
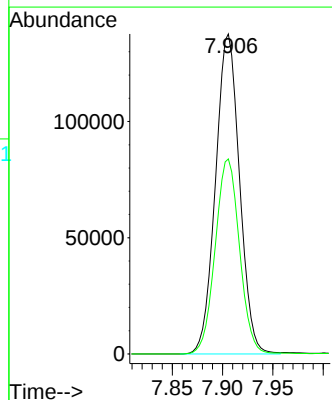
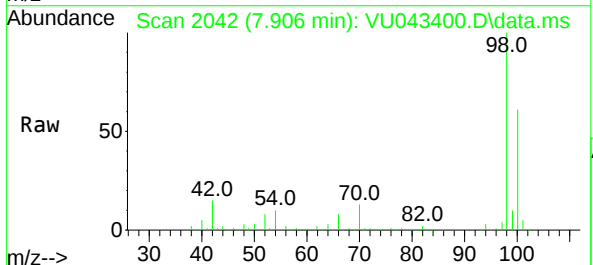


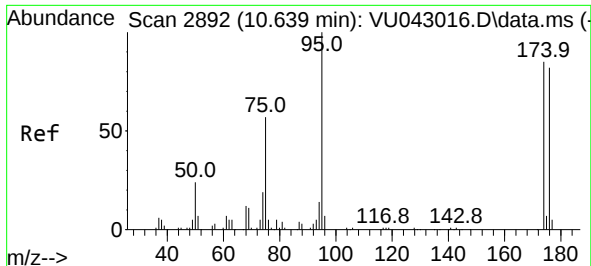
Tgt Ion: 117 Resp: 10501
Ion Ratio Lower Upper
117 100
119 7.0 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.34 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

Tgt Ion: 98 Resp: 228793
Ion Ratio Lower Upper
98 100
100 61.8 50.2 75.2

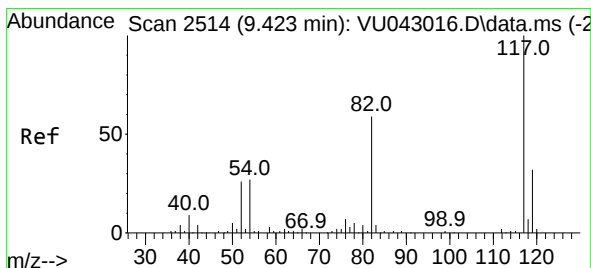
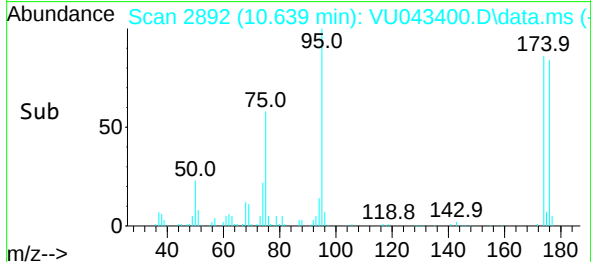
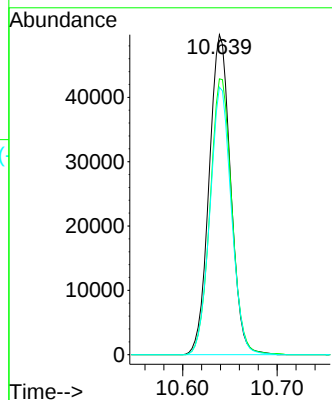
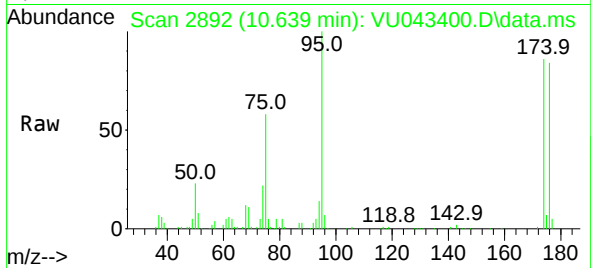




#62
4-Bromofluorobenzene
Concen: 44.05 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

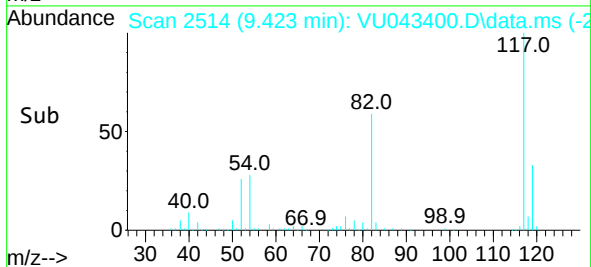
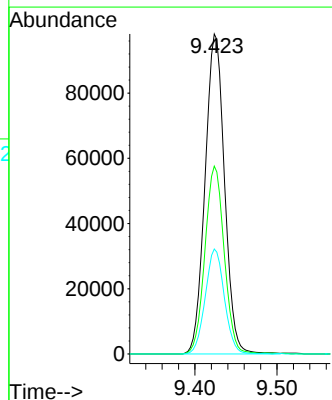
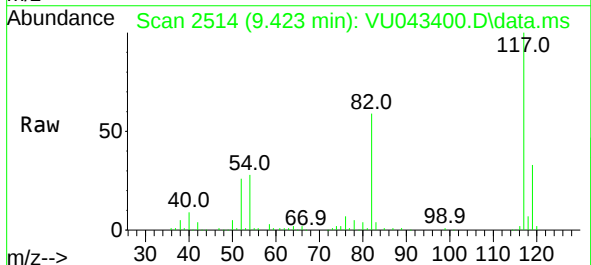
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-418-420

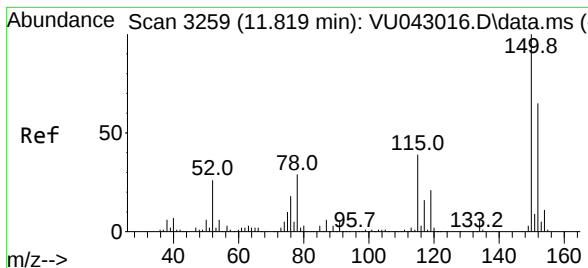
Tgt Ion: 95 Resp: 78607
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.2
176 83.4 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

Tgt Ion: 117 Resp: 162242
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.6
119 32.8 25.8 38.8

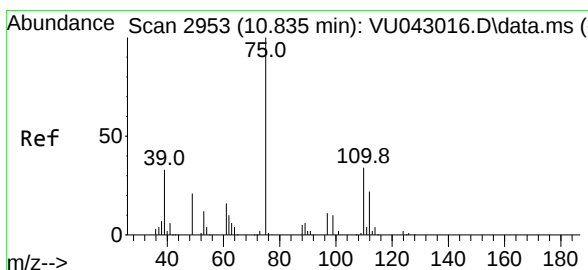
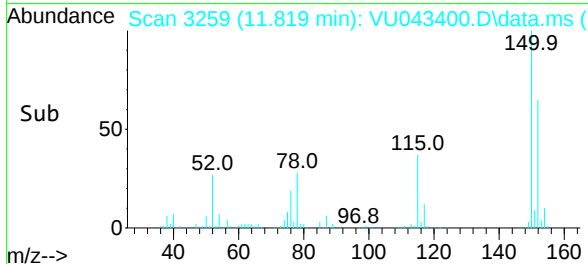
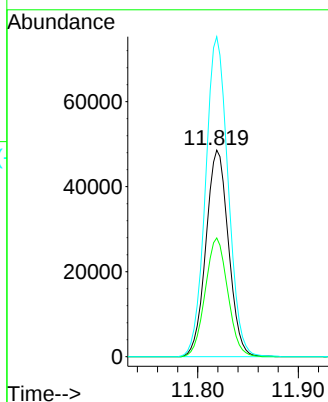
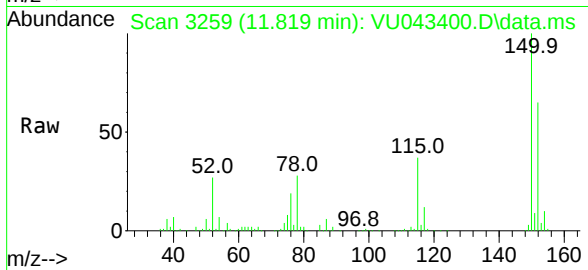




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043400.D
 Acq: 28 Apr 2021 20:41

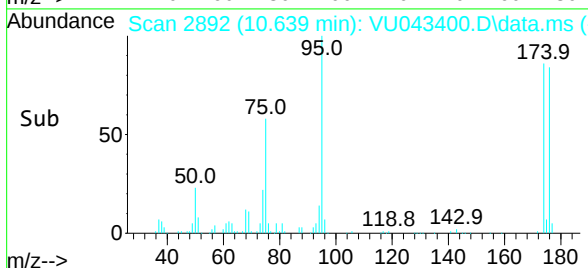
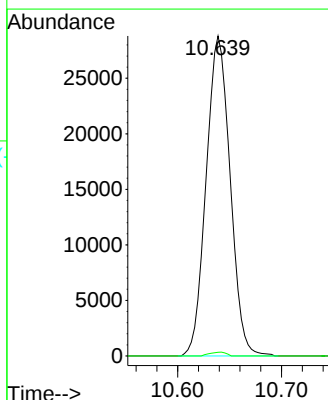
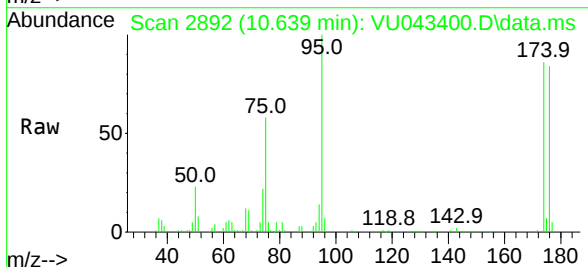
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-418-420

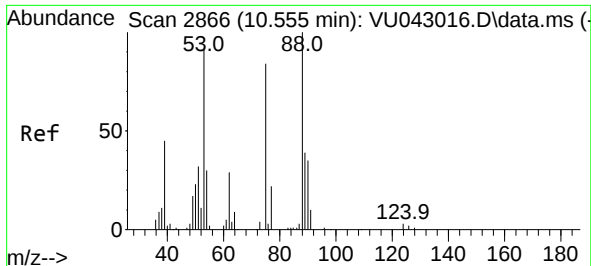
Tgt Ion:152 Resp: 75723
 Ion Ratio Lower Upper
 152 100
 115 57.4 41.5 124.6
 150 155.2 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.87 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043400.D
 Acq: 28 Apr 2021 20:41

Tgt Ion: 75 Resp: 46185
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.2 60.5#

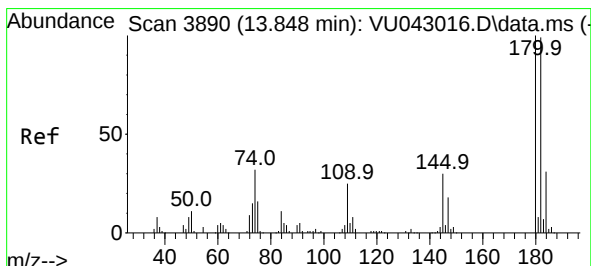
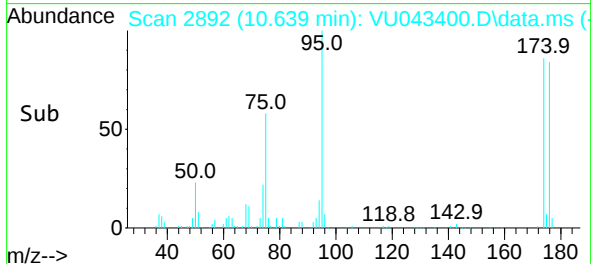
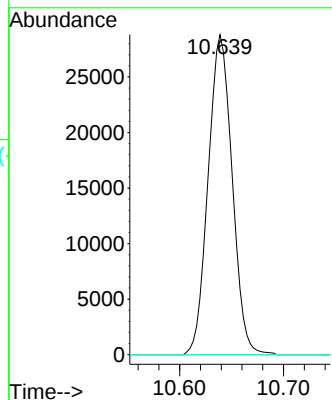
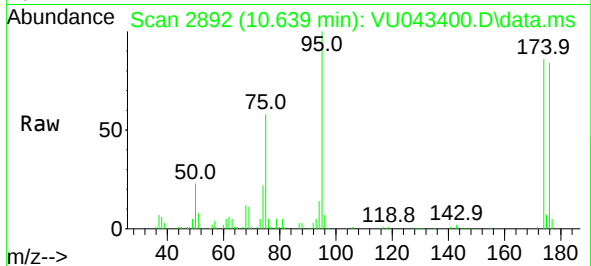




#81
trans-1,4-Dichloro-2-butene
Concen: 61.33 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

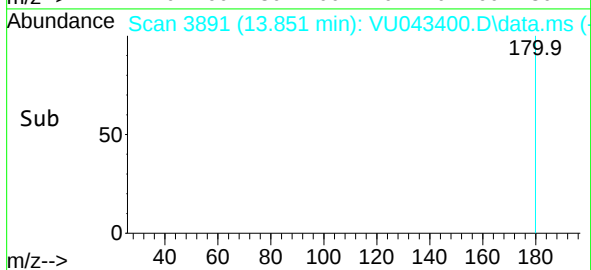
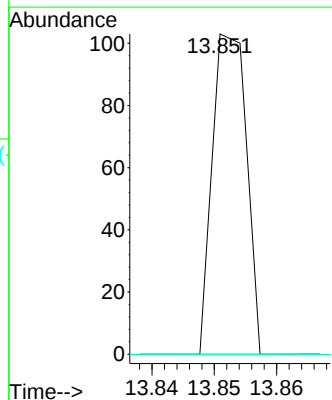
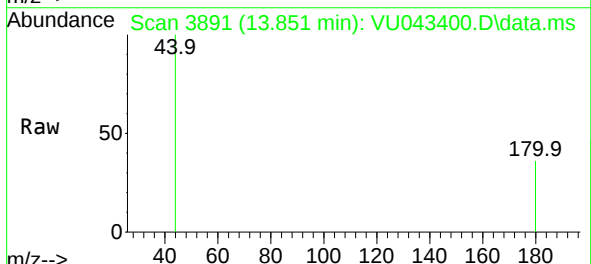
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-418-420

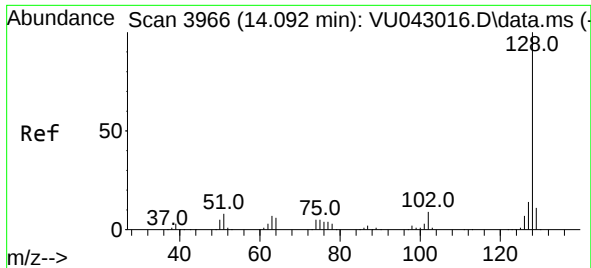
Tgt Ion: 75 Resp: 46185
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.53 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043400.D
Acq: 28 Apr 2021 20:41

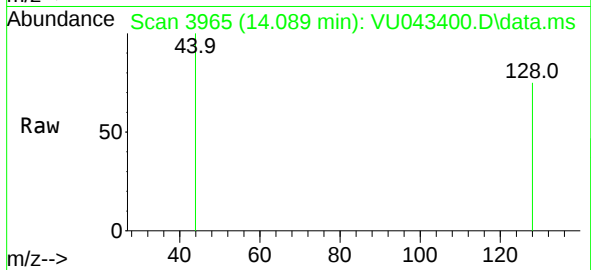
Tgt Ion:180 Resp: 39
Ion Ratio Lower Upper
180 100
182 0.0 46.9 140.8#
145 0.0 14.4 43.4#





#95
 Naphthalene
 Concen: 2.81 ug/l
 RT: 14.089 min Scan# 3965
 Delta R.T. -0.003 min
 Lab File: VU043400.D
 Acq: 28 Apr 2021 20:41

Instrument :
 MSVOA_U
ClientSampleId :
 BP-VPB-RW8-GW-418-420



Tgt Ion:	128	Resp:	389
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

