

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043609.D
 Acq On : 07 May 2021 14:00
 Operator : SY/MD
 Sample : M2333-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-678-680

Quant Time: May 08 01:08:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

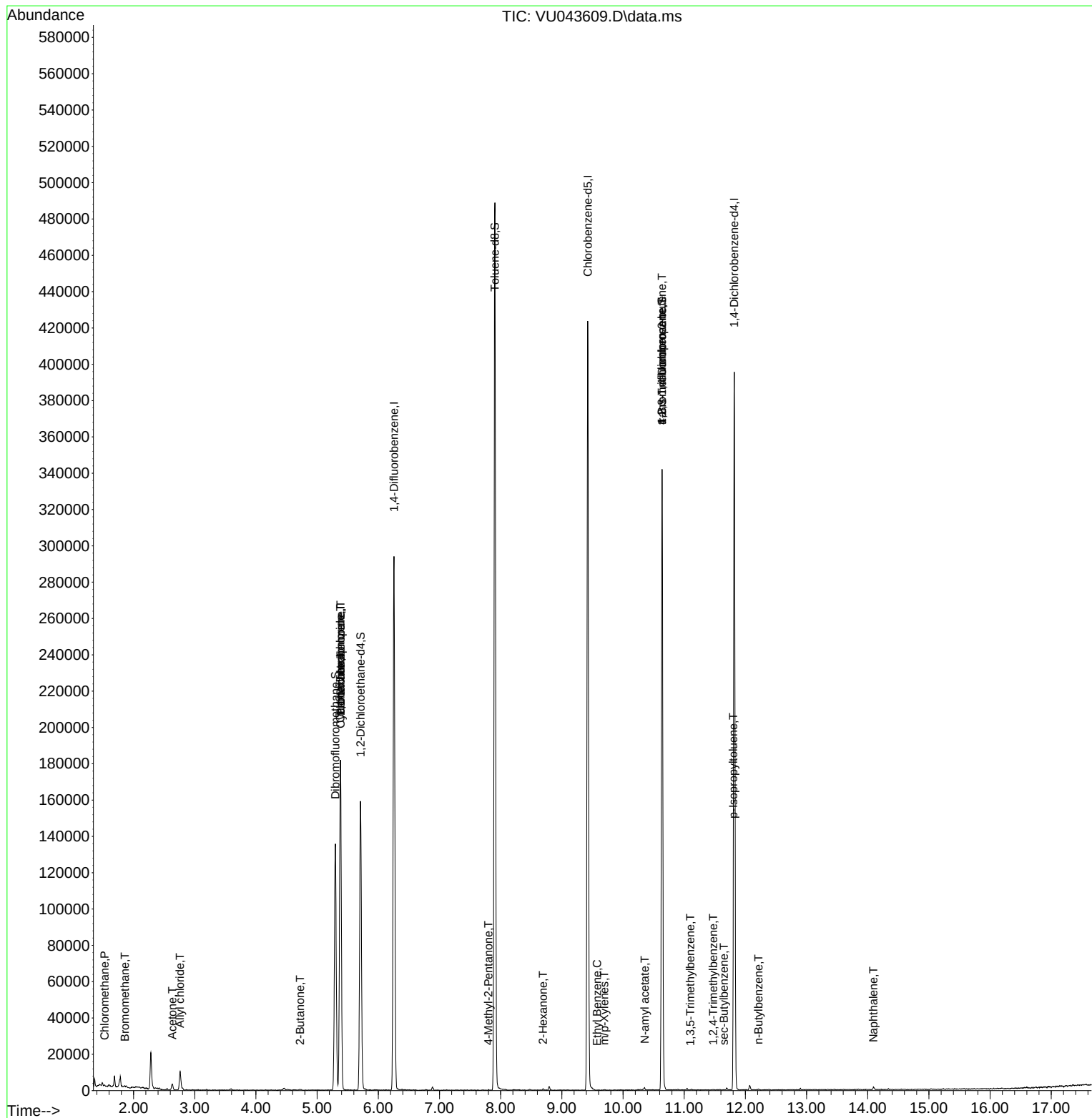
Internal Standards						
1) Pentafluorobenzene	5.382	168	117611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	211295	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	205228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	120737	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	5.298	113	83677	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	7.906	98	294132	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	10.639	95	103123	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
Target Compounds					Qvalue	
3) Chloromethane	1.527	50	531	0.56	ug/l	94
5) Bromomethane	1.858	94	229	0.22	ug/l #	72
14) Allyl chloride	2.758	41	1086	0.32	ug/l #	62
16) Acetone	2.636	43	4207	3.18	ug/l	96
25) 2-Butanone	4.719	43	726	0.36	ug/l #	56
31) Cyclohexane	5.385	56	3066	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	11214	4.67	ug/l #	51
38) Carbon Tetrachloride	5.379	117	12467	5.13	ug/l #	16
51) 4-Methyl-2-Pentanone	7.800	43	228	19.23	ug/l #	41
59) 2-Hexanone	8.693	43	601	20.85	ug/l	79
67) Ethyl Benzene	9.578	91	20	1.45	ug/l #	45
68) m/p-Xylenes	9.693	106	20	2.34	ug/l #	1
74) N-amyl acetate	10.356	43	509	2.62	ug/l #	74
76) 1,2,3-Trichloropropane	10.639	75	58982	19.97	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.099	105	40	0.74	ug/l #	31
81) trans-1,4-Dichloro-2-b...	10.639	75	58982	65.05	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.475	105	154	1.14	ug/l #	33
85) sec-Butylbenzene	11.652	105	100	1.35	ug/l #	59
86) p-Isopropyltoluene	11.803	119	69	1.48	ug/l #	1
89) n-Butylbenzene	12.214	91	219	2.56	ug/l #	54
95) Naphthalene	14.092	128	1849	1.75	ug/l #	88

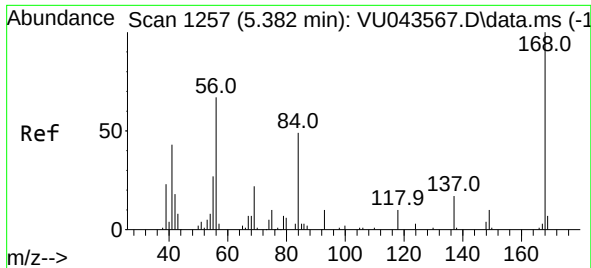
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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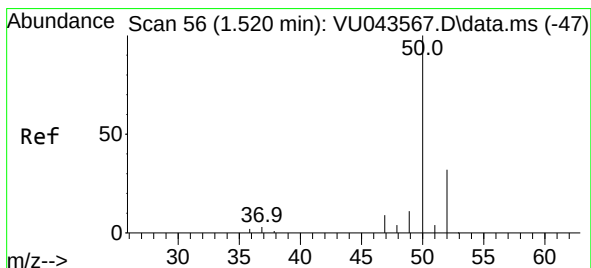
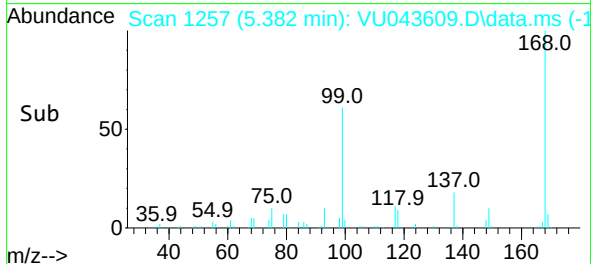
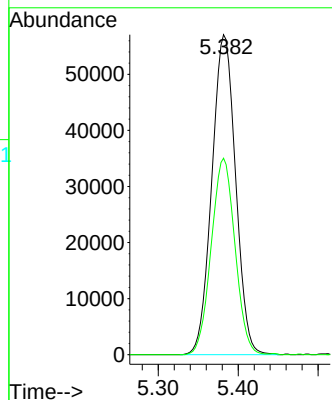
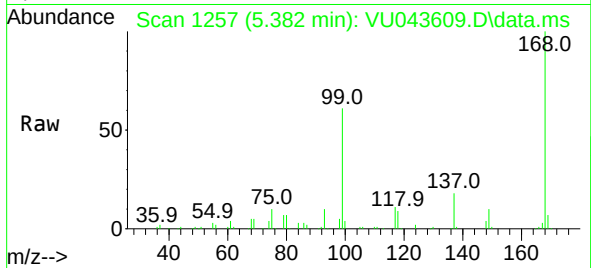




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

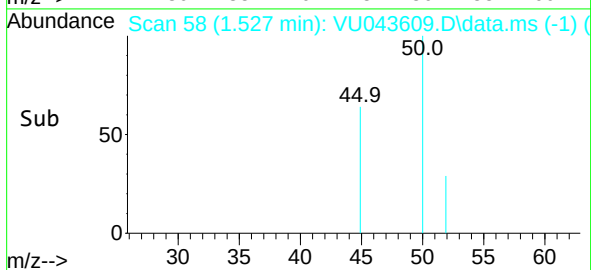
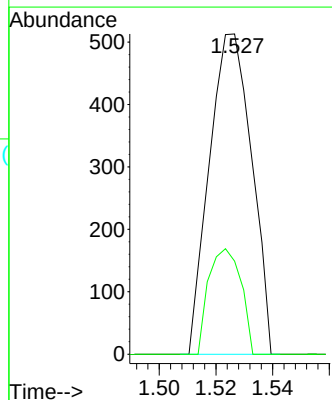
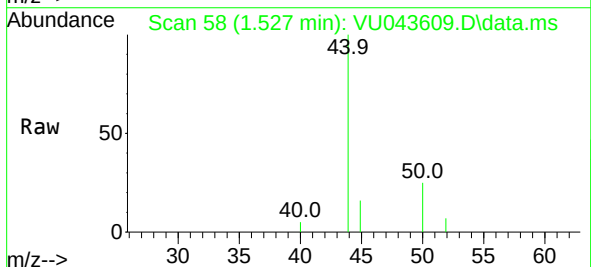
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

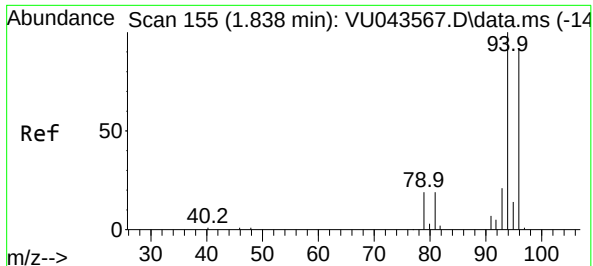
Tgt Ion:168 Resp: 117611
Ion Ratio Lower Upper
168 100
99 61.4 49.0 73.6



#3
Chloromethane
Concen: 0.56 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.007 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

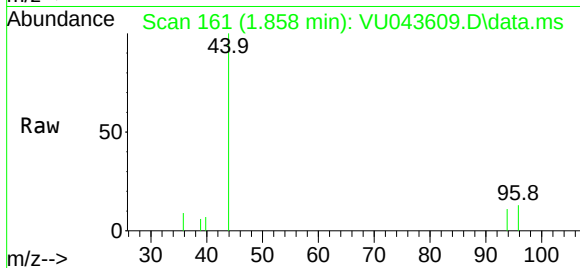
Tgt Ion: 50 Resp: 531
Ion Ratio Lower Upper
50 100
52 29.0 25.9 38.9



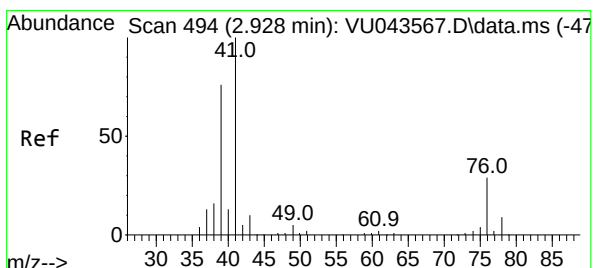
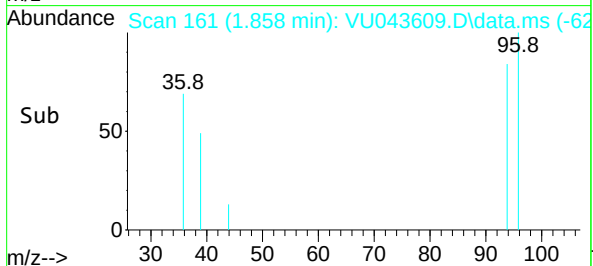
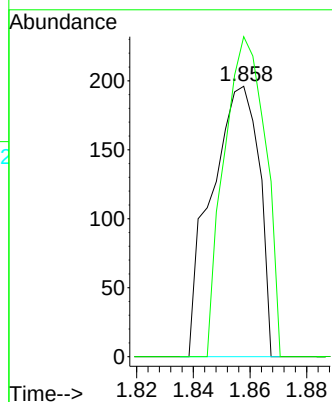


#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.019 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

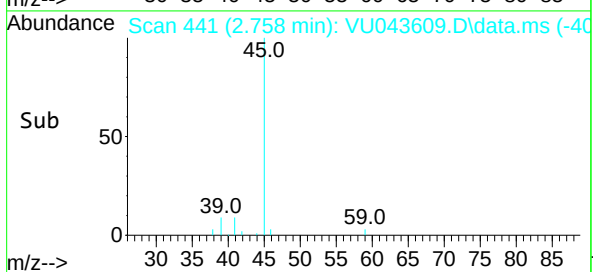
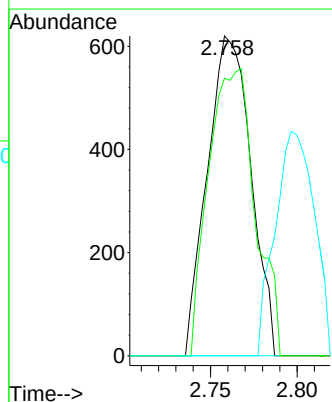
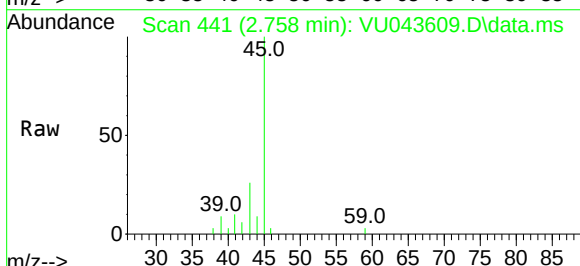


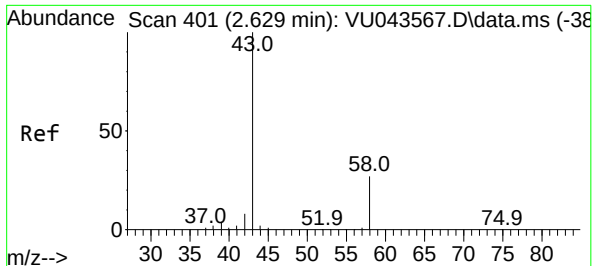
Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 118.4 73.3 109.9#



#14
Allyl chloride
Concen: 0.32 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

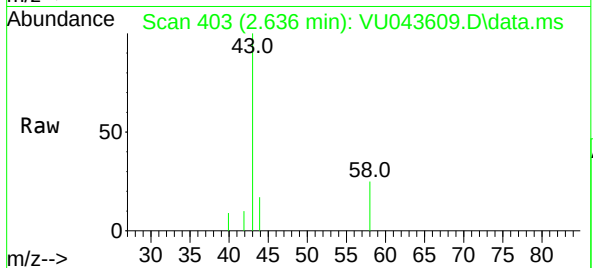
Tgt Ion: 41 Resp: 1086
Ion Ratio Lower Upper
41 100
39 95.8 54.5 81.7#
76 0.0 19.9 29.9#



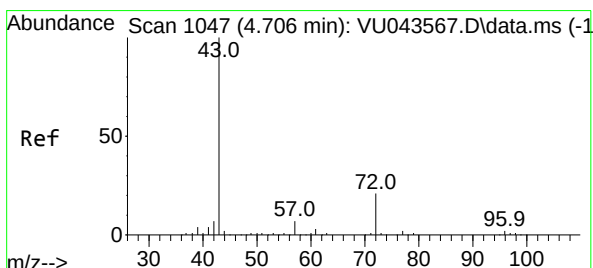
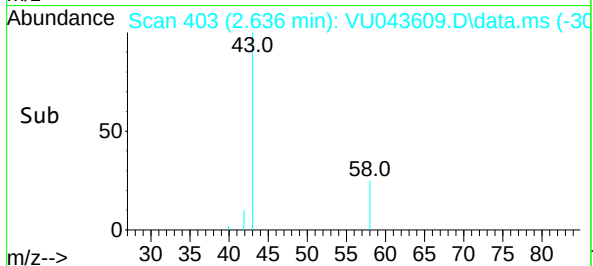
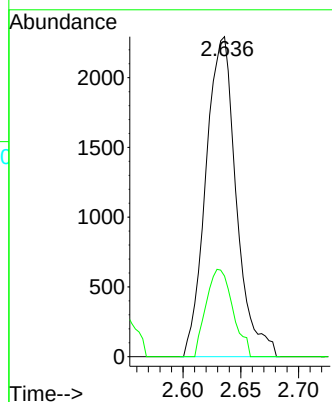


#16
Acetone
Concen: 3.18 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.006 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

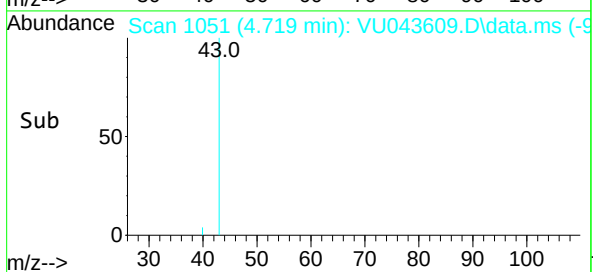
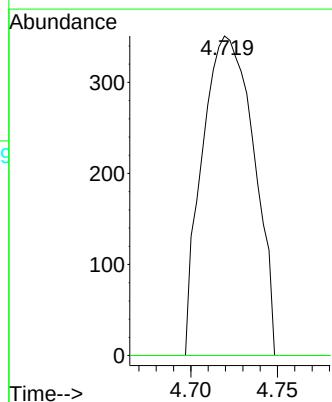
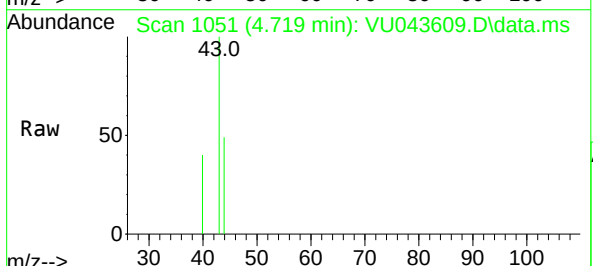


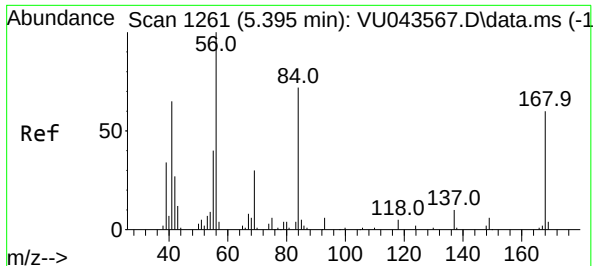
Tgt Ion: 43 Resp: 4207
Ion Ratio Lower Upper
43 100
58 25.2 21.7 32.5



#25
2-Butanone
Concen: 0.36 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.013 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
72 0.0 16.5 24.7#





#31

Cyclohexane

Concen: 1.08 ug/l

RT: 5.385 min Scan# 1258

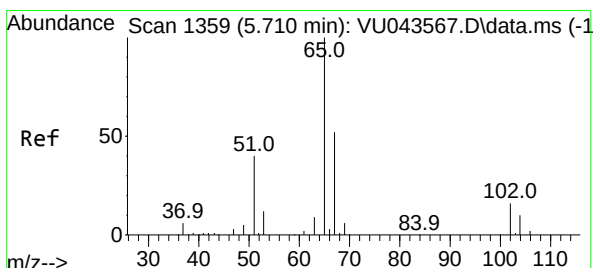
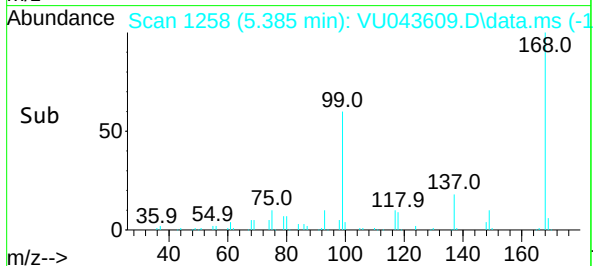
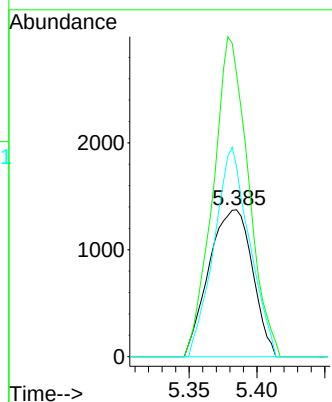
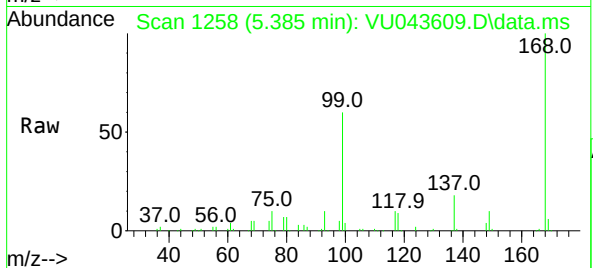
Delta R.T. -0.010 min

Lab File: VU043609.D

Acq: 07 May 2021 14:00

Tgt Ion:	56	Resp:	3066
Ion	Ratio	Lower	Upper
56	100		
69	192.9	23.9	35.9#
84	129.6	57.7	86.5#

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680



#33

1,2-Dichloroethane-d4

Concen: 50.71 ug/l

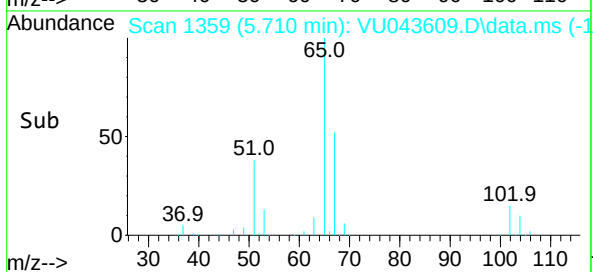
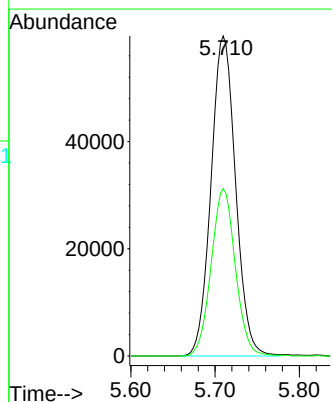
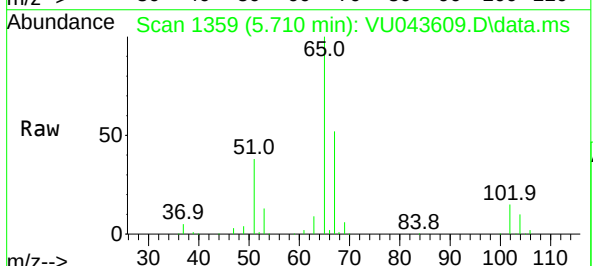
RT: 5.710 min Scan# 1359

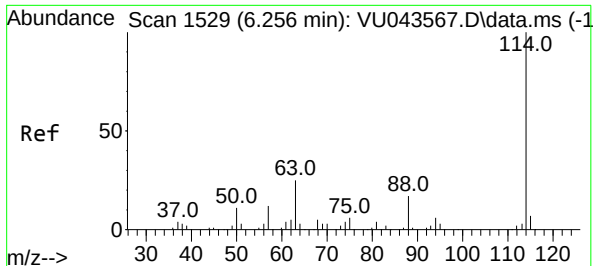
Delta R.T. 0.000 min

Lab File: VU043609.D

Acq: 07 May 2021 14:00

Tgt Ion:	65	Resp:	120737
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.6

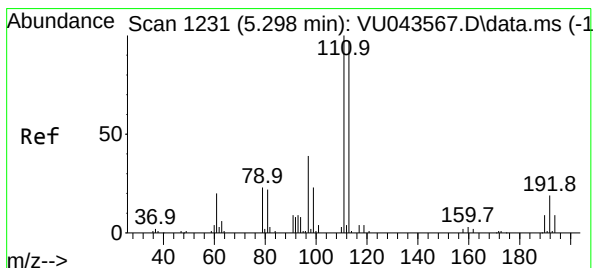
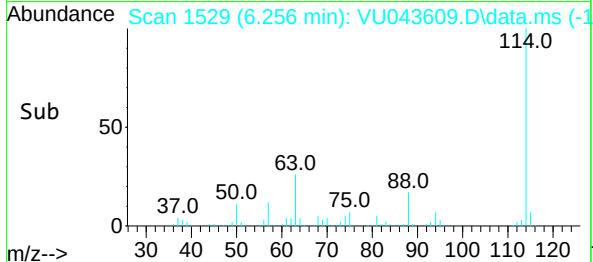
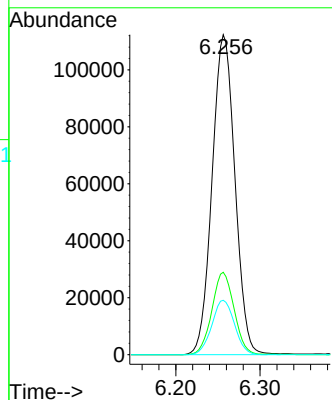
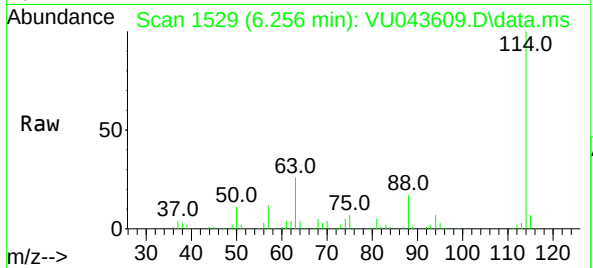




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

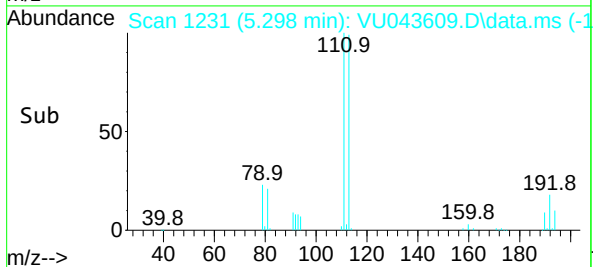
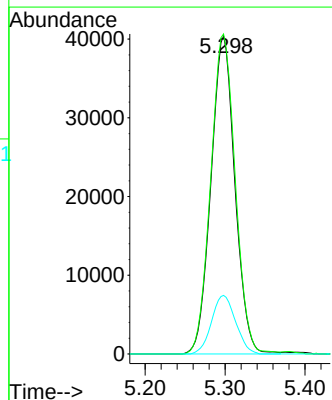
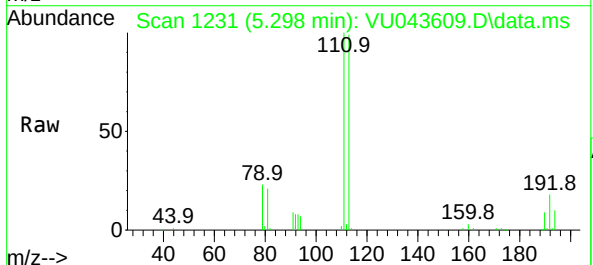
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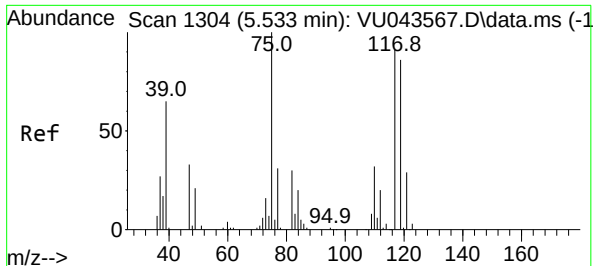
Tgt Ion:114 Resp: 211295
Ion Ratio Lower Upper
114 100
63 25.8 0.0 50.2
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.66 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Tgt Ion:113 Resp: 83677
Ion Ratio Lower Upper
113 100
111 103.4 82.3 123.5
192 18.6 15.8 23.6





#36

1,1-Dichloropropene

Concen: 4.67 ug/l

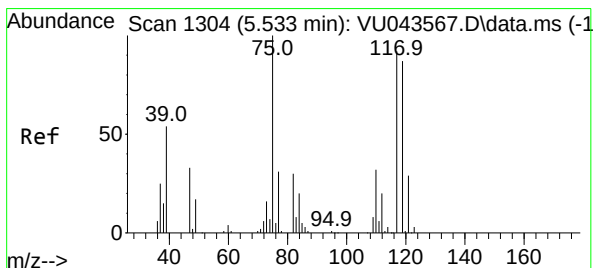
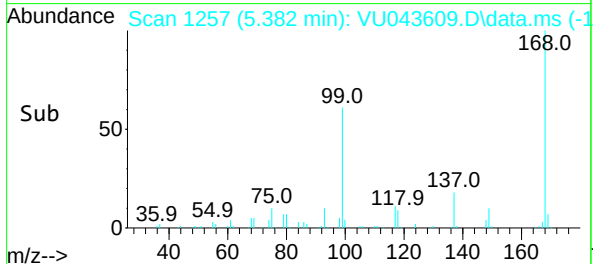
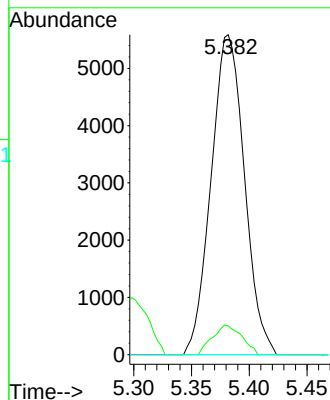
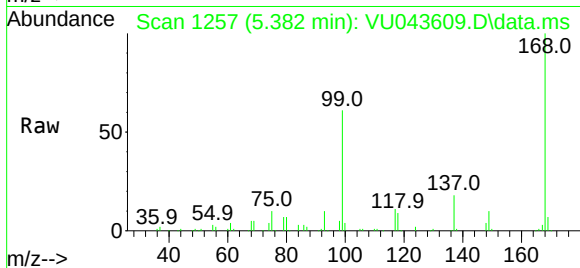
RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043609.D

Acq: 07 May 2021 14:00

Tgt Ion:	75	Resp:	11214
Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.2	48.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.13 ug/l

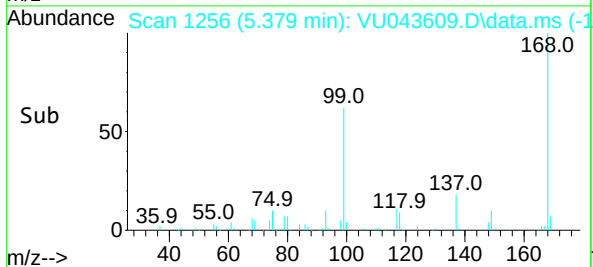
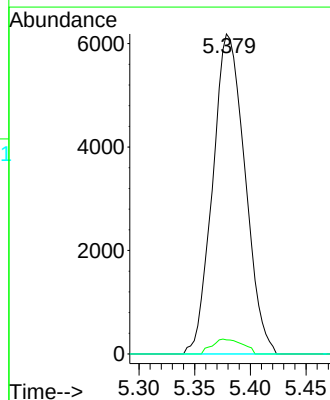
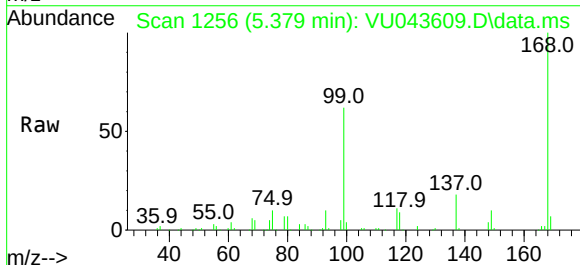
RT: 5.379 min Scan# 1256

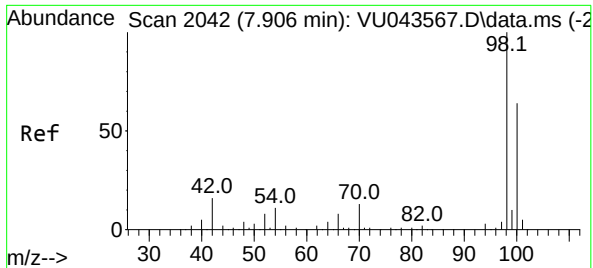
Delta R.T. -0.154 min

Lab File: VU043609.D

Acq: 07 May 2021 14:00

Tgt Ion:	117	Resp:	12467
Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.4	113.0#
121	0.0	25.2	37.8#

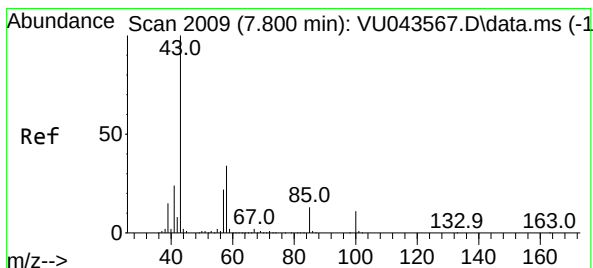
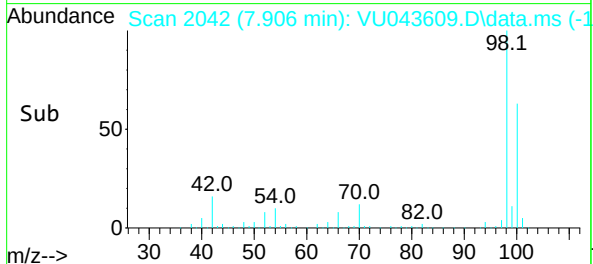
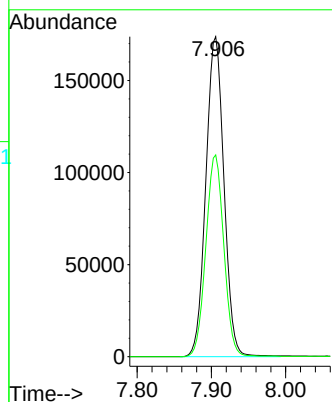
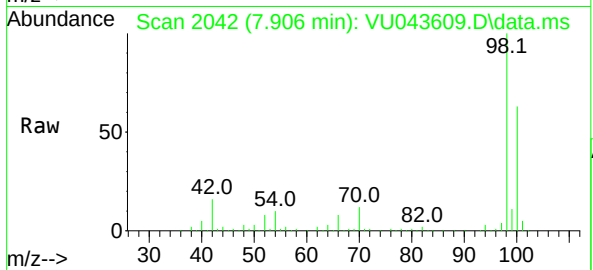




#50
Toluene-d8
Concen: 49.23 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

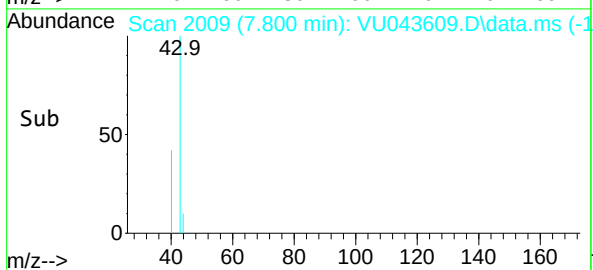
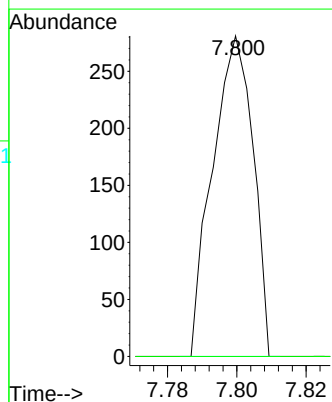
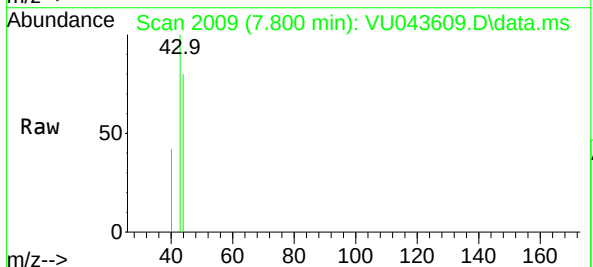
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

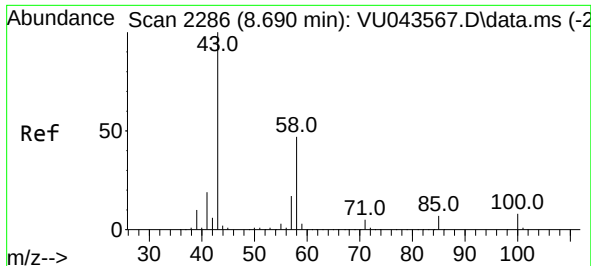
Tgt Ion: 98 Resp: 294132
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.23 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#

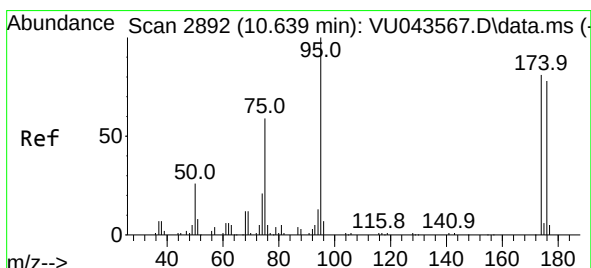
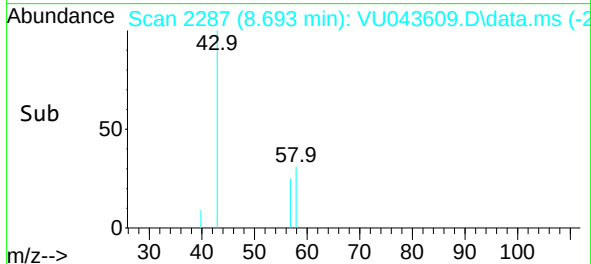
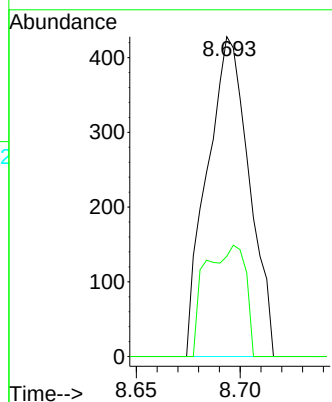
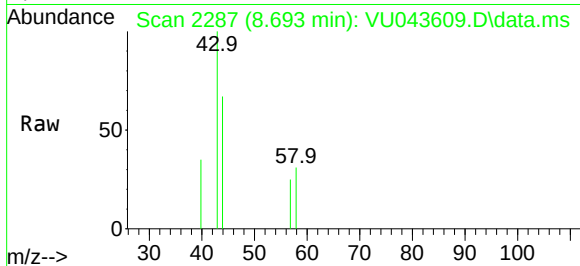




#59
2-Hexanone
Concen: 20.85 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

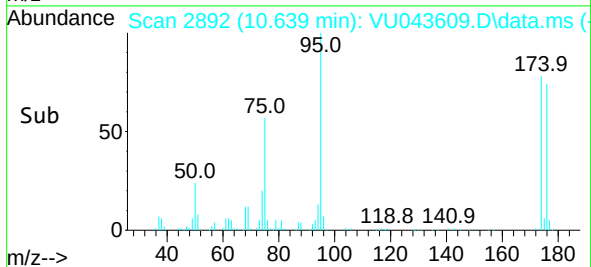
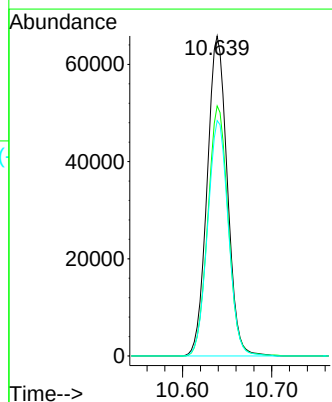
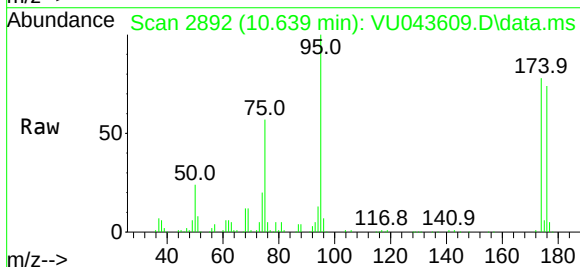
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

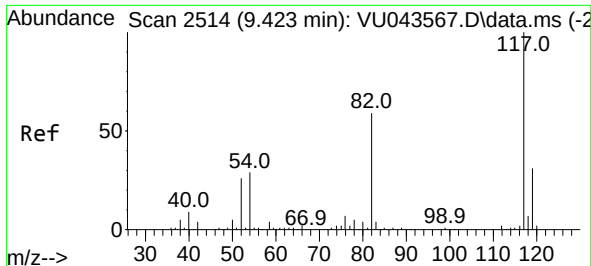
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
58 33.1 23.4 70.2



#62
4-Bromofluorobenzene
Concen: 45.37 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Tgt Ion: 95 Resp: 103123
Ion Ratio Lower Upper
95 100
174 78.9 0.0 158.8
176 75.5 0.0 155.6

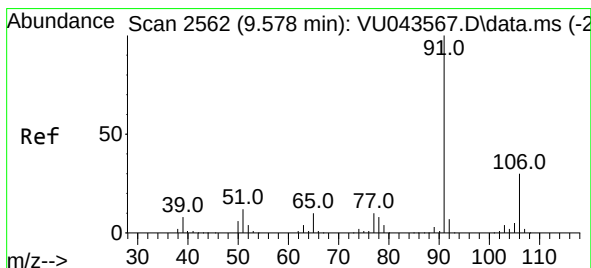
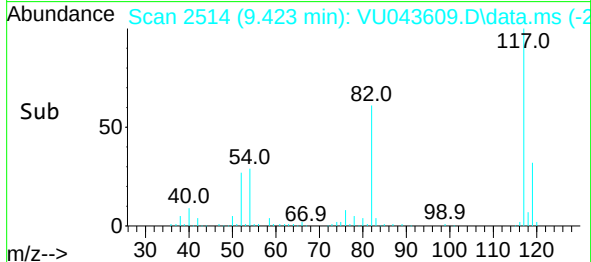
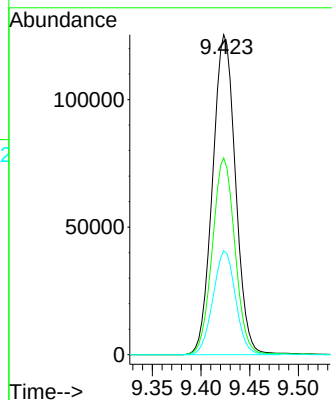
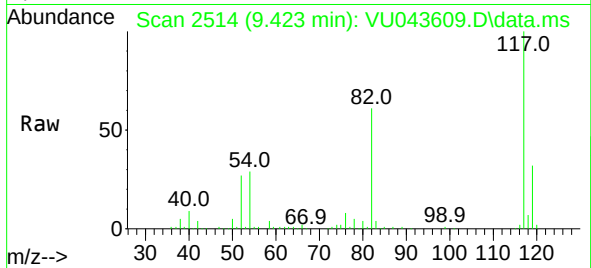




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

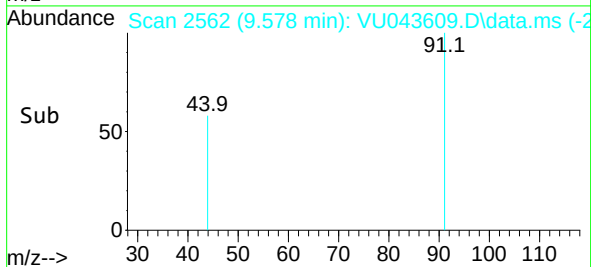
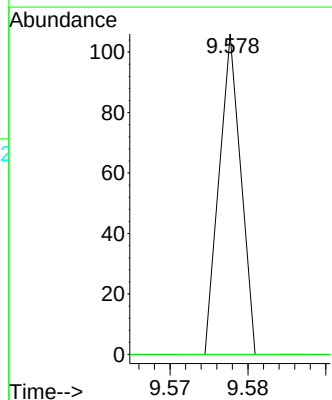
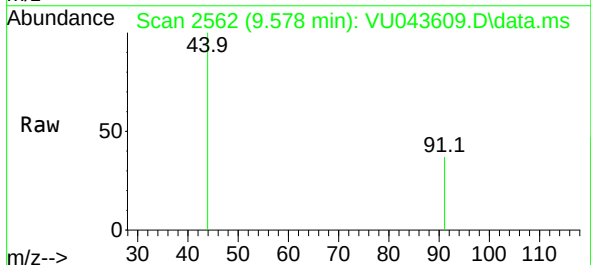
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

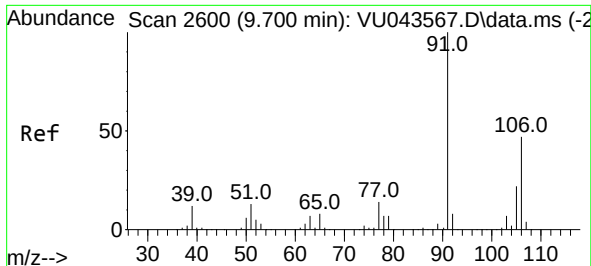
Tgt Ion:117 Resp: 205228
Ion Ratio Lower Upper
117 100
82 61.5 47.5 71.3
119 32.5 24.7 37.1



#67
Ethyl Benzene
Concen: 1.45 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

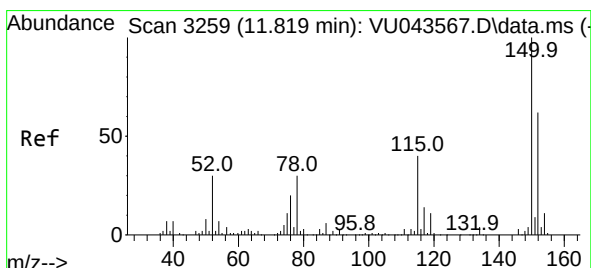
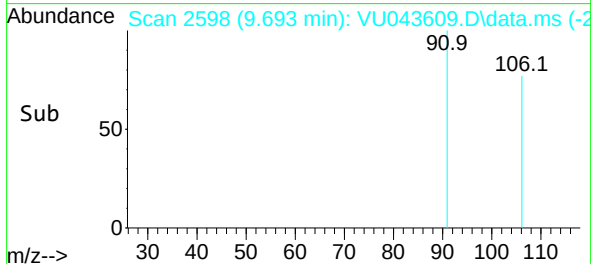
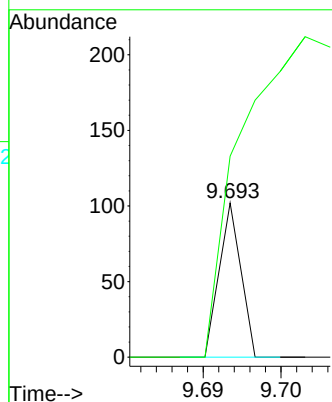
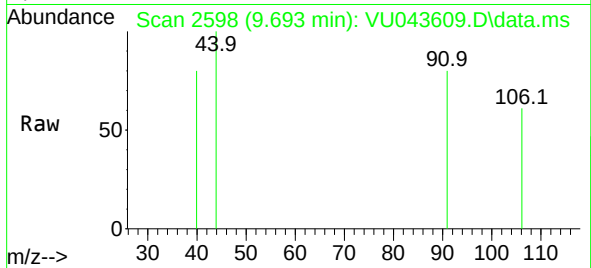




#68
m/p-Xylenes
Concen: 2.34 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.007 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

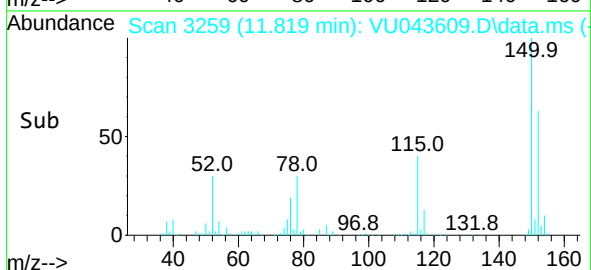
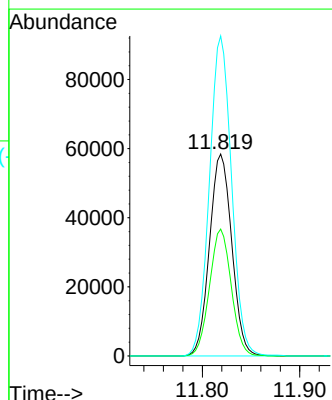
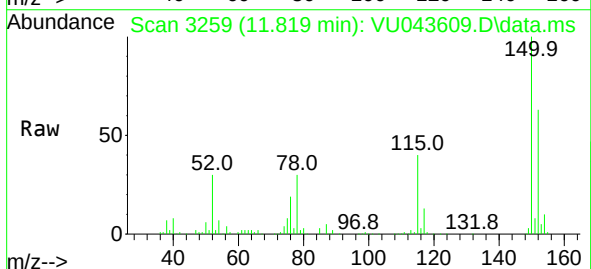
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

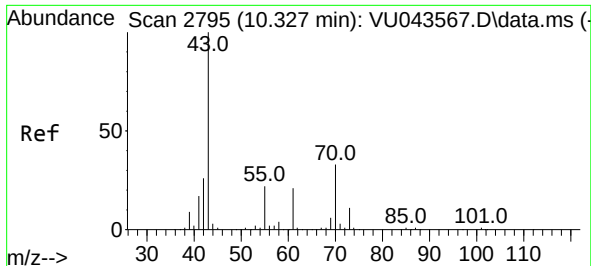
Tgt Ion:106 Resp: 20
Ion Ratio Lower Upper
106 100
91 1030.0 171.7 257.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

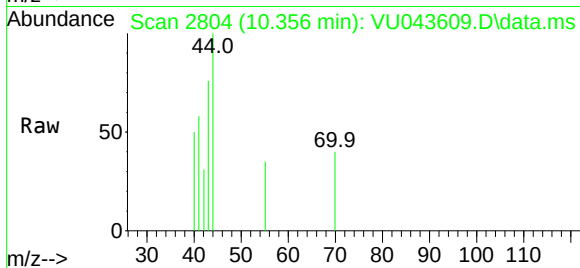
Tgt Ion:152 Resp: 92870
Ion Ratio Lower Upper
152 100
115 61.3 46.1 138.3
150 157.4 0.0 361.0



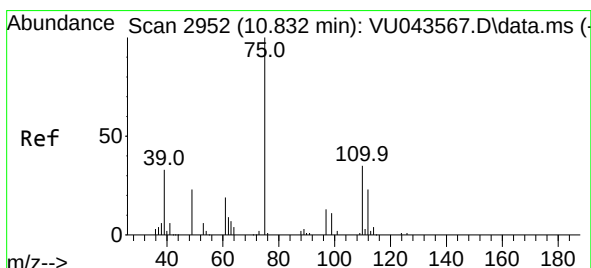
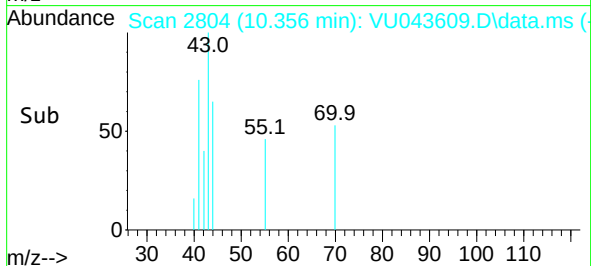
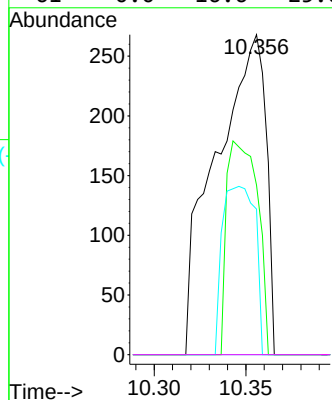


#74
N-amy1 acetate
Concen: 2.62 ug/l
RT: 10.356 min Scan# 2804
Delta R.T. 0.029 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

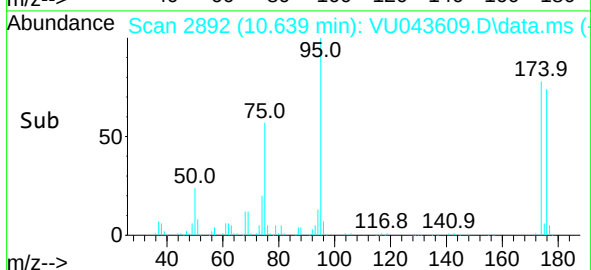
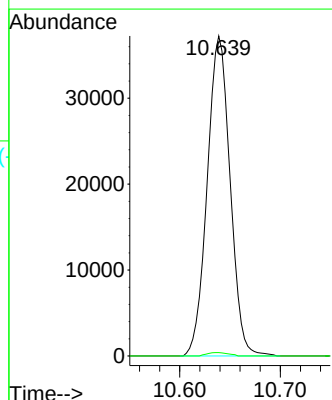
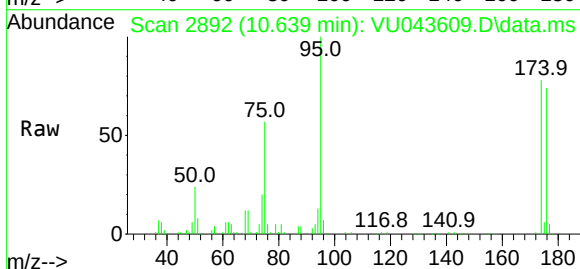


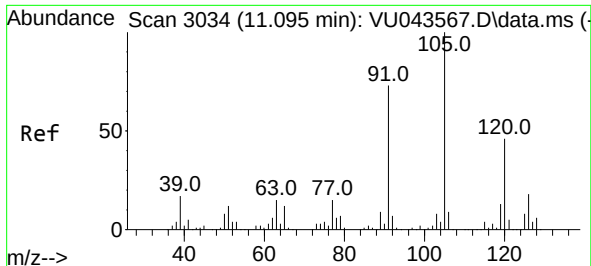
Tgt Ion:	43	Resp:	509
Ion	Ratio	Lower	Upper
43	100		
70	41.1	26.4	39.6#
55	34.4	18.0	27.0#
61	0.0	16.6	25.0#



#76
1,2,3-Trichloropropane
Concen: 19.97 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Tgt Ion:	75	Resp:	58982
Ion	Ratio	Lower	Upper
75	100		
77	1.0	17.1	51.3#

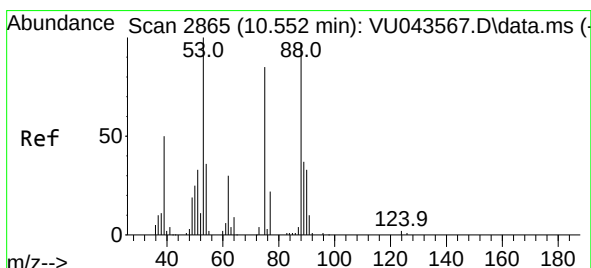
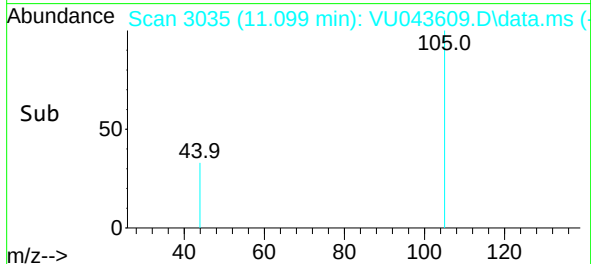
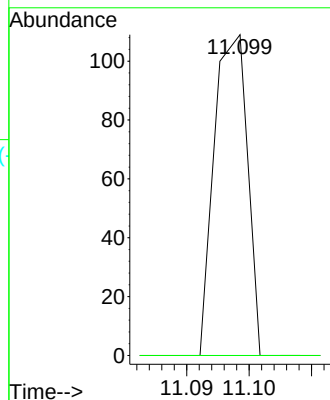
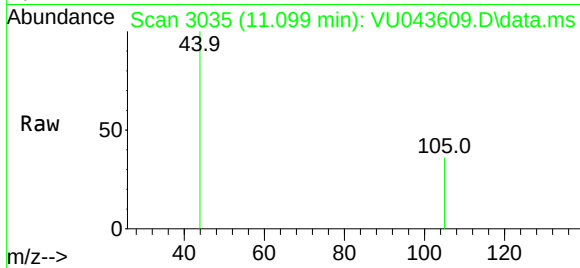




#80
1,3,5-Trimethylbenzene
Concen: 0.74 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.004 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

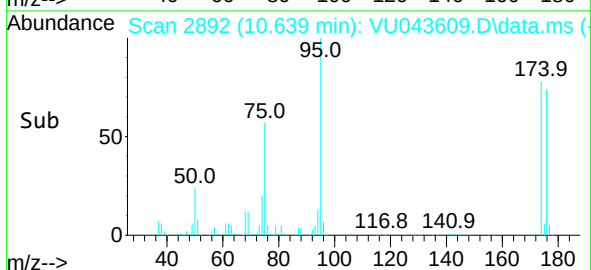
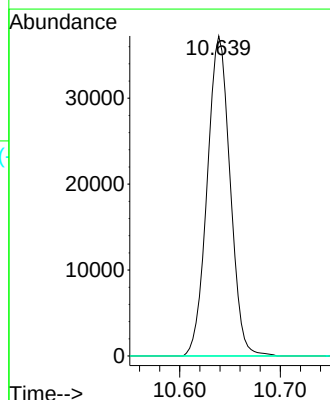
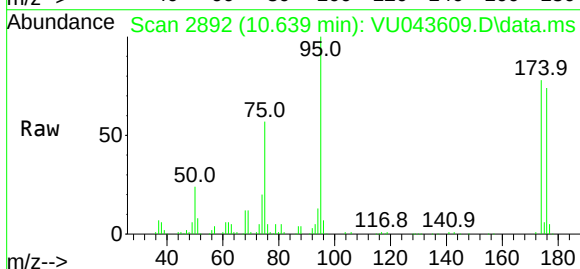
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

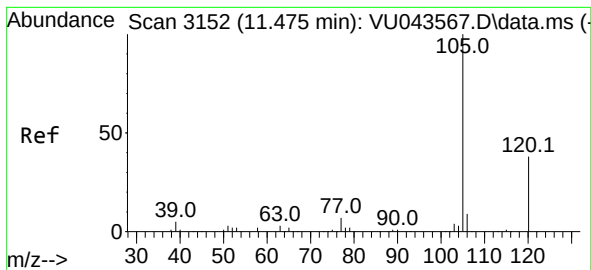
Tgt Ion:105 Resp: 40
Ion Ratio Lower Upper
105 100
120 0.0 22.9 68.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.05 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Tgt Ion: 75 Resp: 58982
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

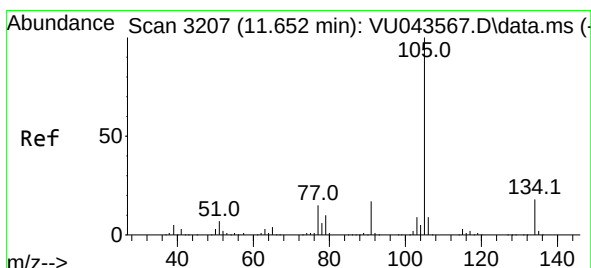
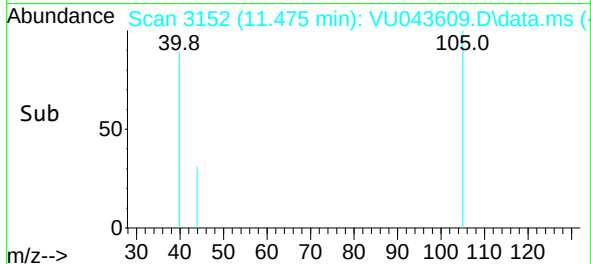
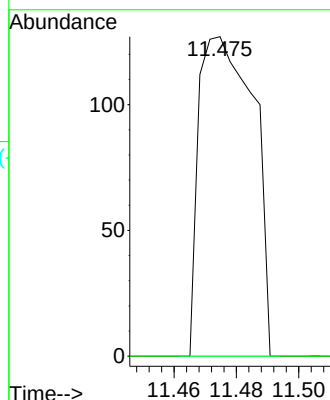
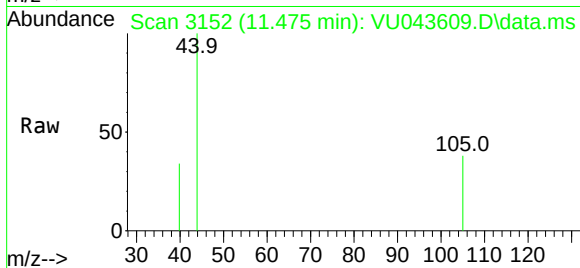




#84
1,2,4-Trimethylbenzene
Concen: 1.14 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

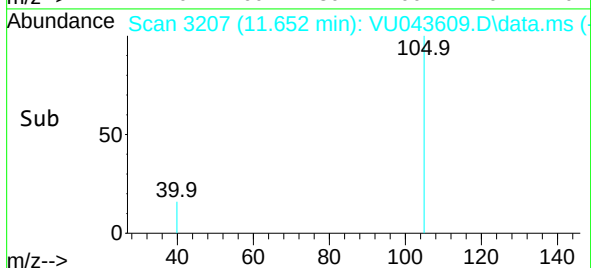
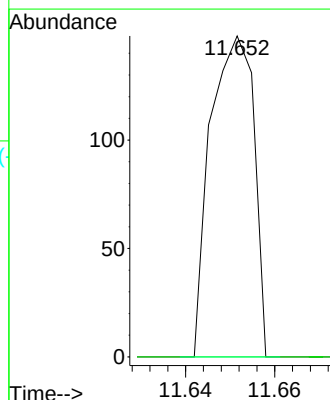
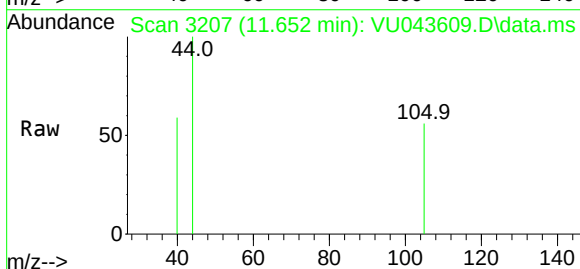
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

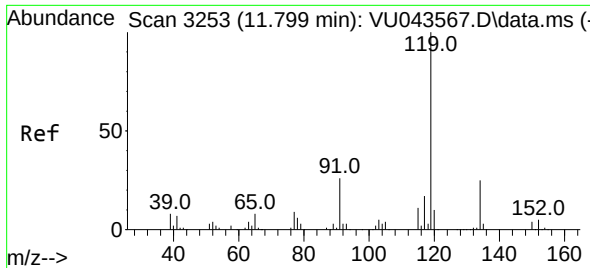
Tgt Ion:105 Resp: 154
Ion Ratio Lower Upper
105 100
120 0.0 21.4 64.2#



#85
sec-Butylbenzene
Concen: 1.35 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

Tgt Ion:105 Resp: 100
Ion Ratio Lower Upper
105 100
134 0.0 9.2 27.6#

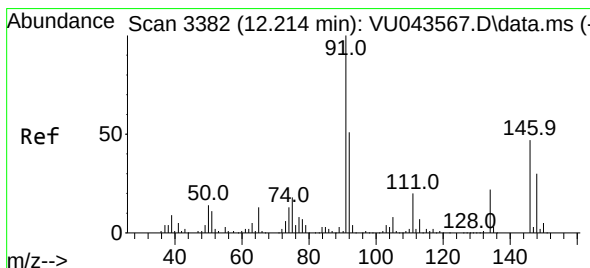
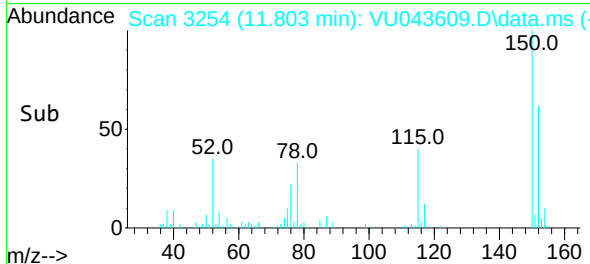
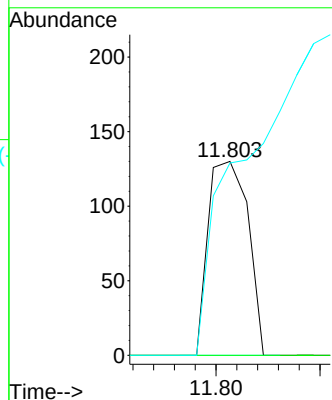
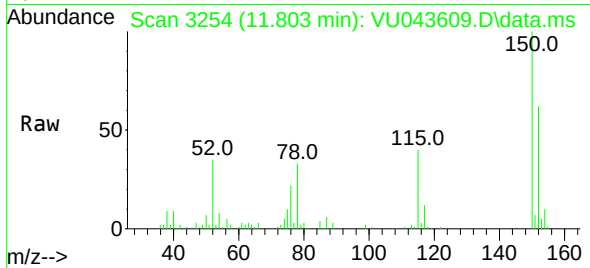




#86
p-Isopropyltoluene
Concen: 1.48 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. 0.004 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

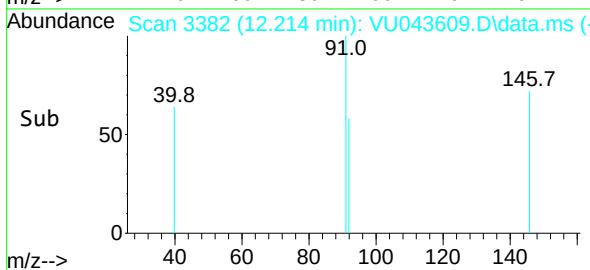
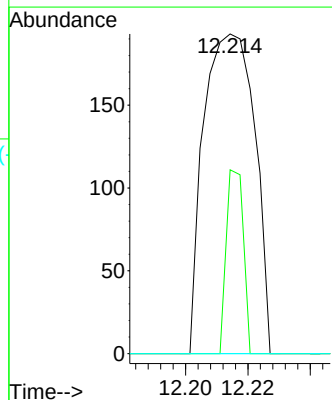
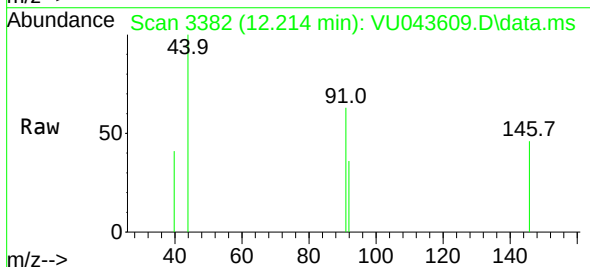
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-678-680

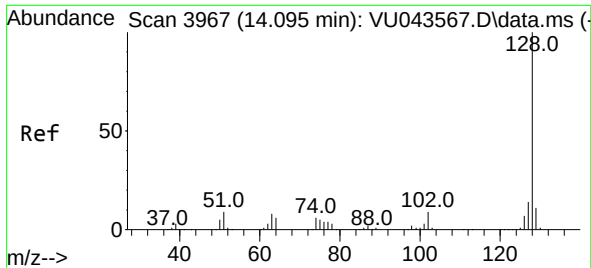
Tgt Ion:119 Resp: 69
Ion Ratio Lower Upper
119 100
134 0.0 12.7 38.0#
91 524.6 13.3 39.9#



#89
n-Butylbenzene
Concen: 2.56 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU043609.D
Acq: 07 May 2021 14:00

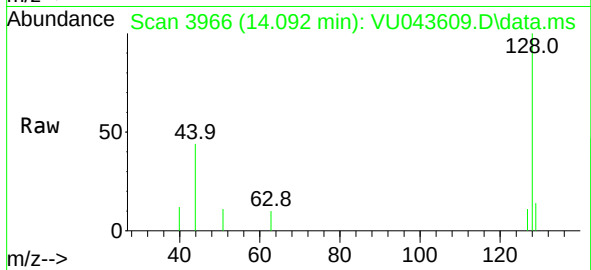
Tgt Ion: 91 Resp: 219
Ion Ratio Lower Upper
91 100
92 19.2 25.4 76.2#
134 0.0 11.3 33.9#





#95
 Naphthalene
 Concen: 1.75 ug/l
 RT: 14.092 min Scan# 3966
 Delta R.T. -0.003 min
 Lab File: VU043609.D
 Acq: 07 May 2021 14:00

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-678-680



Tgt Ion:128 Resp: 1849
 Ion Ratio Lower Upper
 128 100
 127 5.6 10.7 16.1#
 129 9.5 8.6 12.8

