

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043578.D
 Acq On : 06 May 2021 13:17
 Operator : SY/MD
 Sample : M2251-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-538-540

Quant Time: May 07 02:03:48 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)

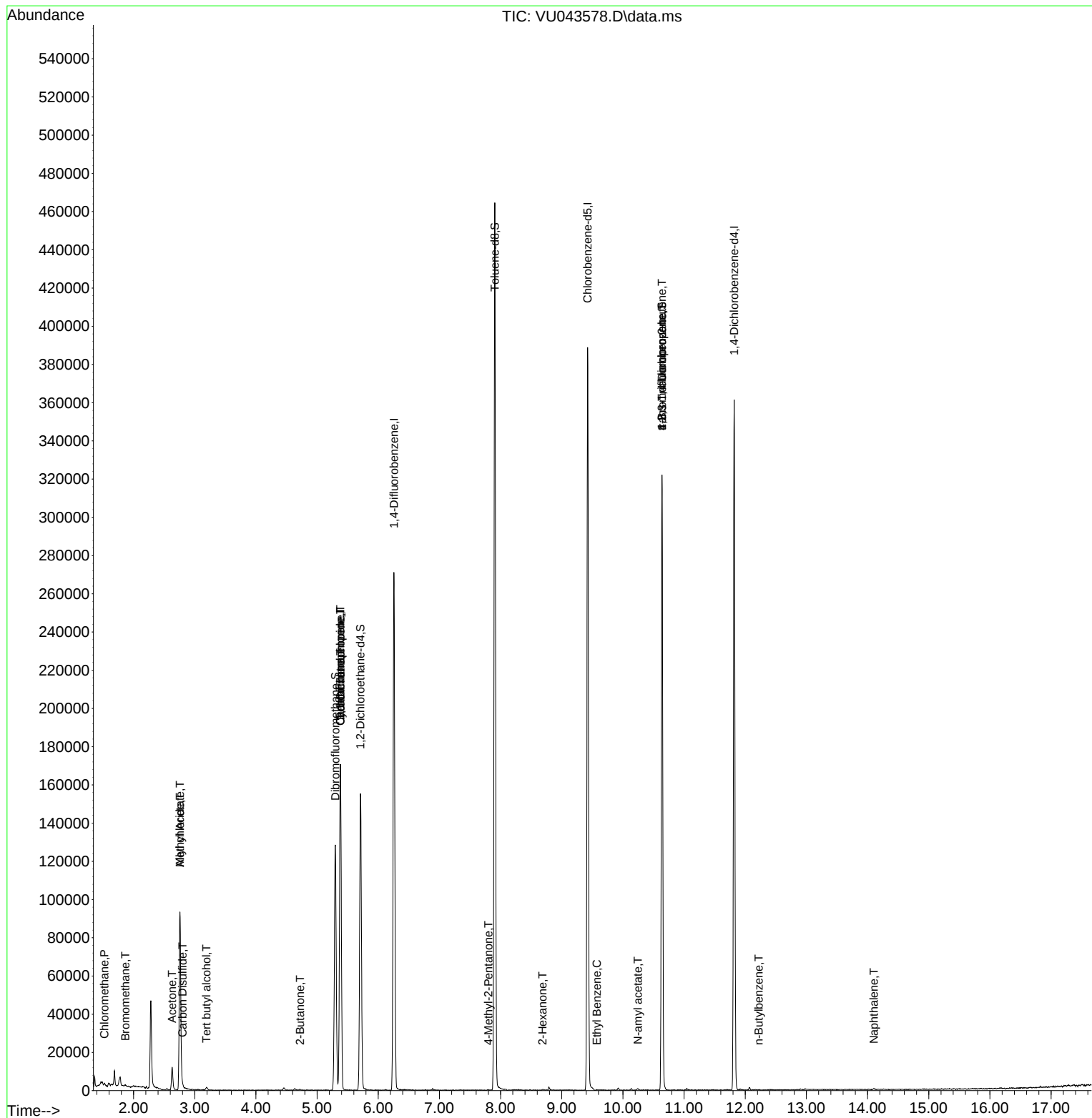
Internal Standards						
1) Pentafluorobenzene	5.382	168	110383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	195840	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	193364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	85615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	119225	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	5.298	113	79288	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	7.906	98	279414	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	10.639	95	95624	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	1221	0.93	ug/l	94
5) Bromomethane	1.867	94	243	0.25	ug/l	87
11) Tert butyl alcohol	3.192	59	898	1.50	ug/l #	73
14) Allyl chloride	2.758	41	10243	3.20	ug/l #	72
16) Acetone	2.629	43	13198	10.64	ug/l	95
17) Carbon Disulfide	2.800	76	839	0.21	ug/l #	76
18) Methyl Acetate	2.758	43	25089	8.85	ug/l #	58
25) 2-Butanone	4.723	43	541	0.28	ug/l #	56
31) Cyclohexane	5.378	56	3186	1.19	ug/l #	19
36) 1,1-Dichloropropene	5.382	75	10631	4.78	ug/l #	50
38) Carbon Tetrachloride	5.378	117	11530	5.12	ug/l #	18
51) 4-Methyl-2-Pentanone	7.800	43	123	19.21	ug/l #	41
59) 2-Hexanone	8.687	43	381	20.81	ug/l #	30
67) Ethyl Benzene	9.574	91	19	1.45	ug/l #	45
74) N-amyl acetate	10.243	43	779	2.68	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	55140	20.25	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	55140	65.96	ug/l #	3
89) n-Butylbenzene	12.221	91	54	2.54	ug/l #	35
95) Naphthalene	14.105	128	590	1.60	ug/l #	69

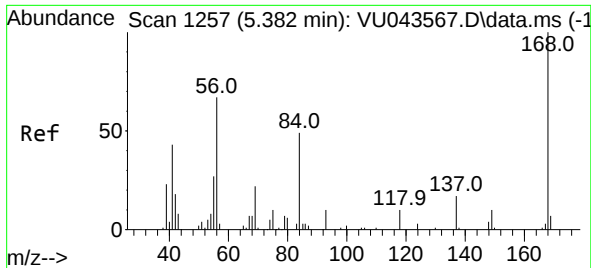
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
Data File : VU043578.D
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540

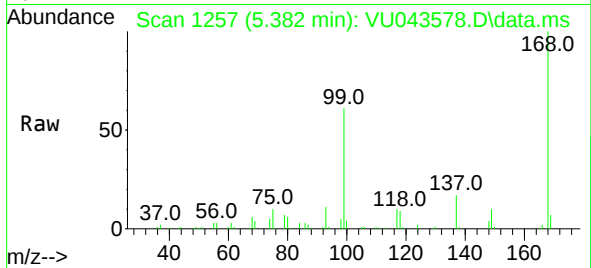
Quant Time: May 07 02:03:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
QLast Update : Thu May 06 07:26:23 2021
Response via : Initial Calibration



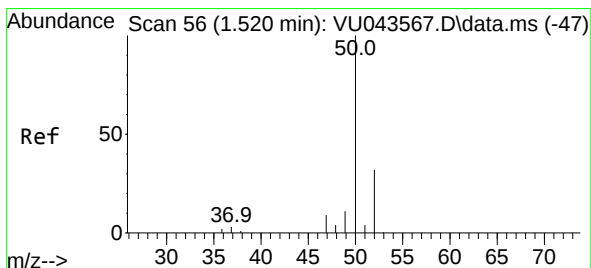
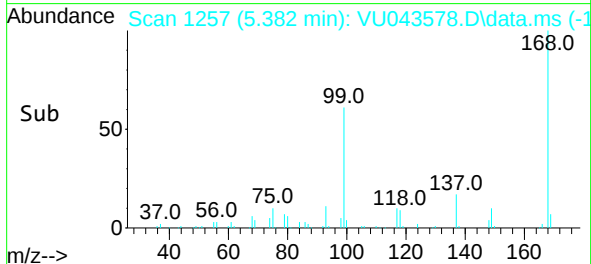
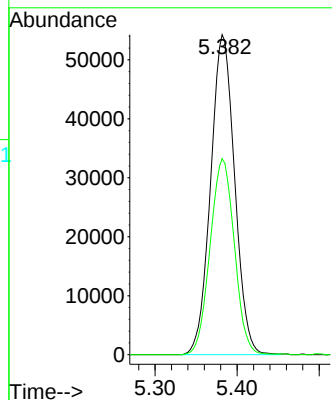


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540

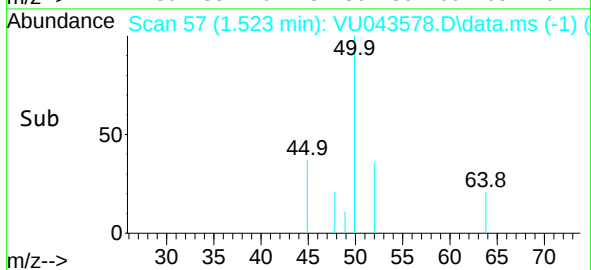
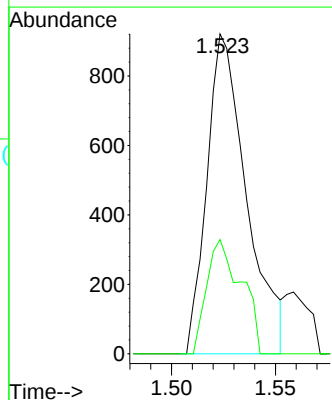
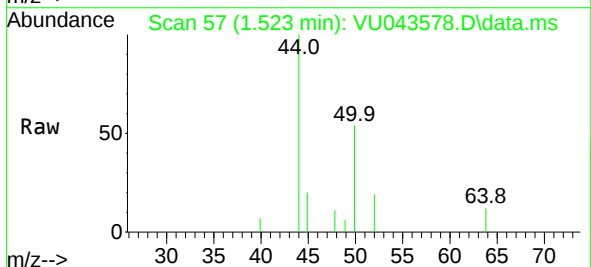


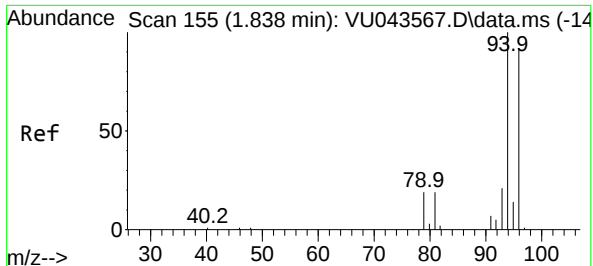
Tgt Ion:168 Resp: 110383
Ion Ratio Lower Upper
168 100
99 61.2 49.0 73.6



#3
Chloromethane
Concen: 0.93 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

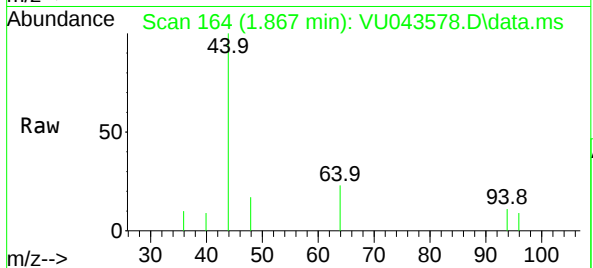
Tgt Ion: 50 Resp: 1221
Ion Ratio Lower Upper
50 100
52 35.7 25.9 38.9



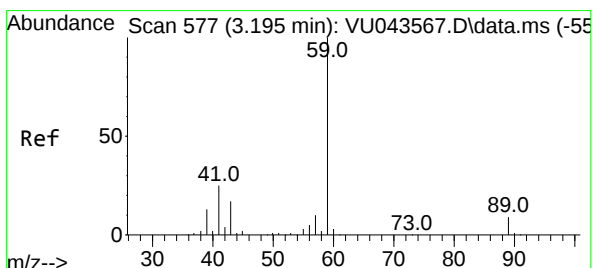
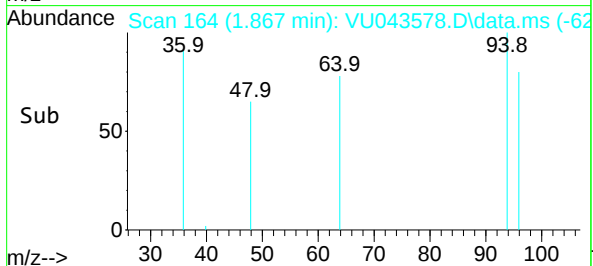
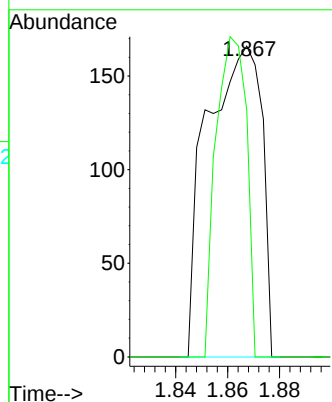


#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.029 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540

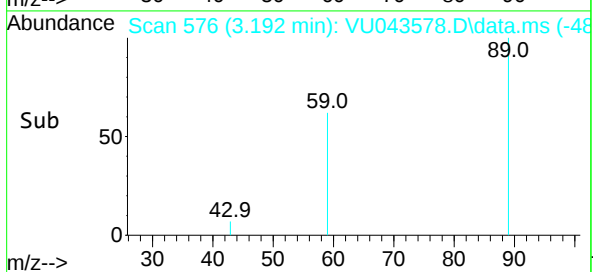
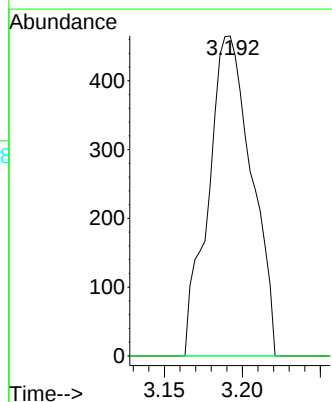
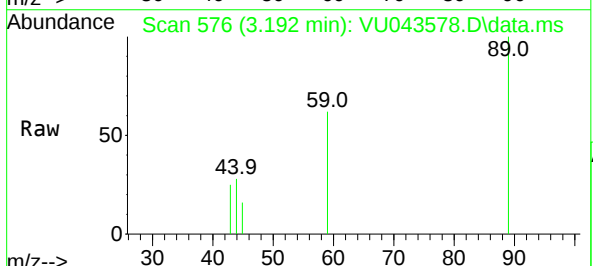


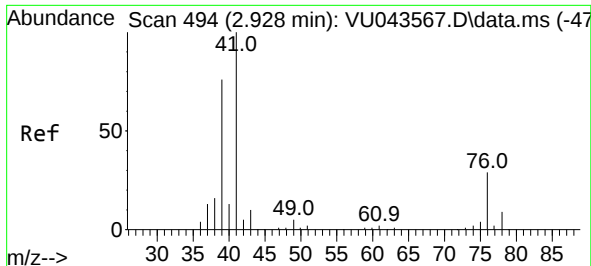
Tgt Ion: 94 Resp: 243
Ion Ratio Lower Upper
94 100
96 79.5 73.3 109.9



#11
Tert butyl alcohol
Concen: 1.50 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

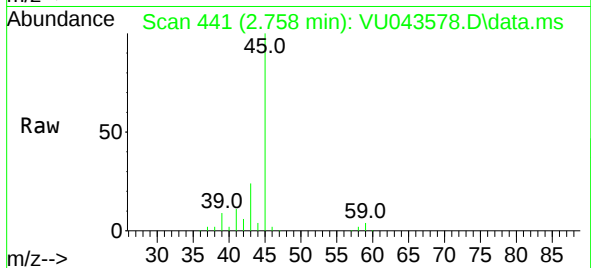
Tgt Ion: 59 Resp: 898
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



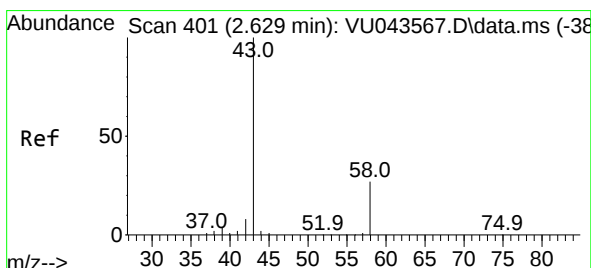
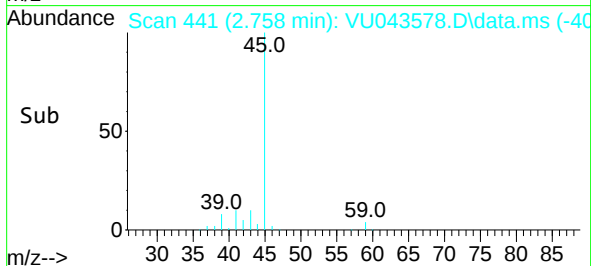
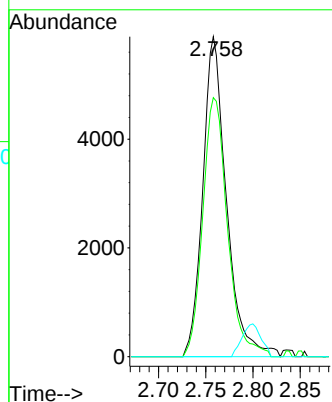


#14
 Allyl chloride
 Concen: 3.20 ug/l
 RT: 2.758 min Scan# 441
 Delta R.T. -0.170 min
 Lab File: VU043578.D
 Acq: 06 May 2021 13:17

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-538-540

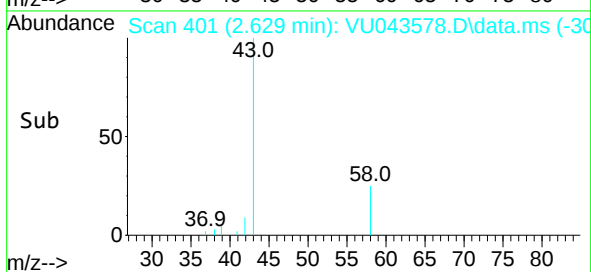
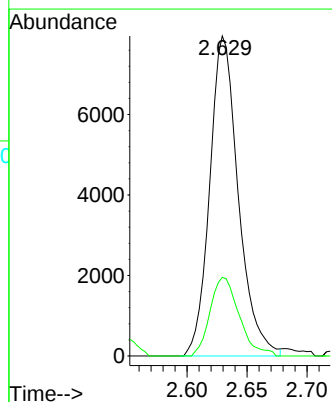
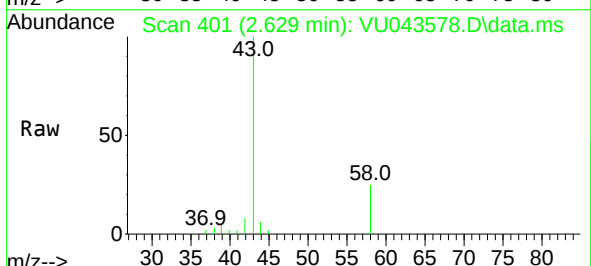


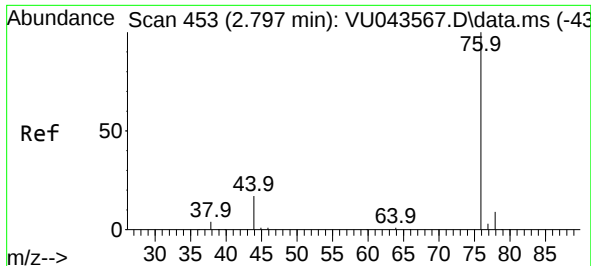
Tgt Ion: 41 Resp: 10243
 Ion Ratio Lower Upper
 41 100
 39 84.6 54.5 81.7#
 76 0.0 19.9 29.9#



#16
 Acetone
 Concen: 10.64 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU043578.D
 Acq: 06 May 2021 13:17

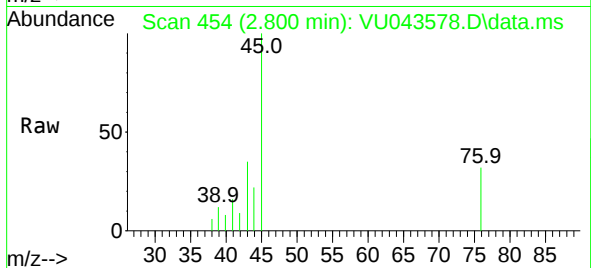
Tgt Ion: 43 Resp: 13198
 Ion Ratio Lower Upper
 43 100
 58 24.5 21.7 32.5



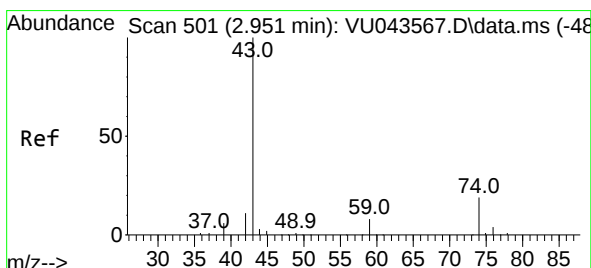
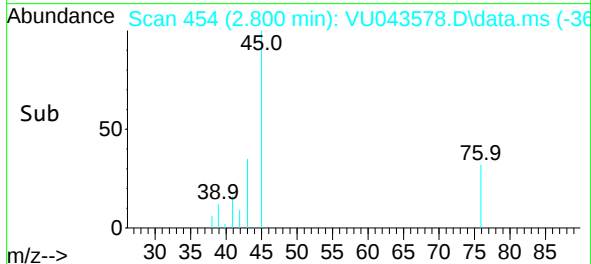
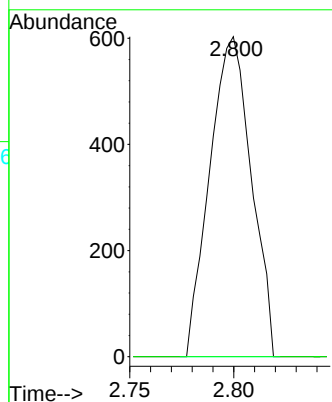


#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540

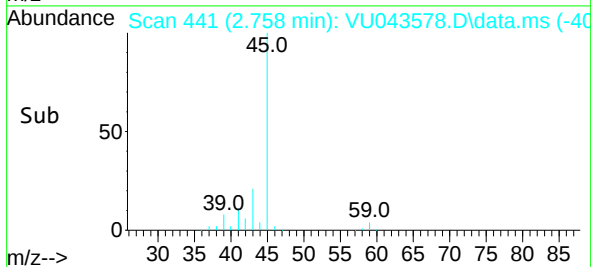
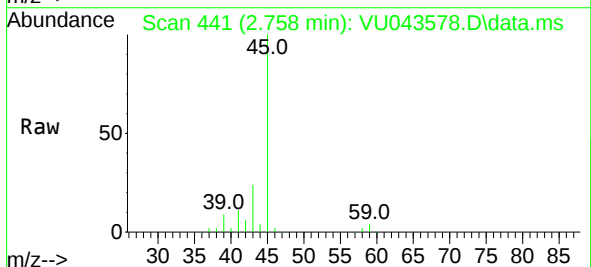
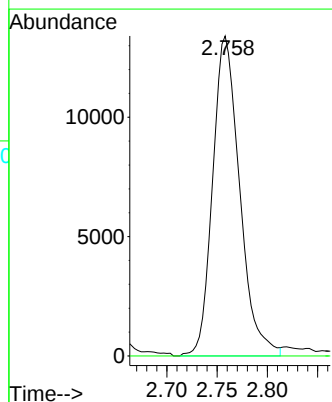


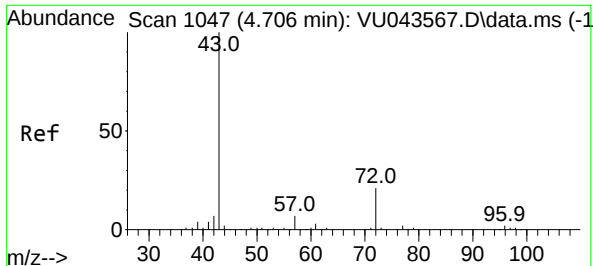
Tgt Ion: 76 Resp: 839
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 8.85 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Tgt Ion: 43 Resp: 25089
Ion Ratio Lower Upper
43 100
74 0.0 15.3 22.9#

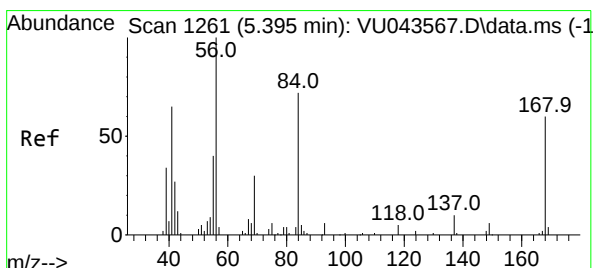
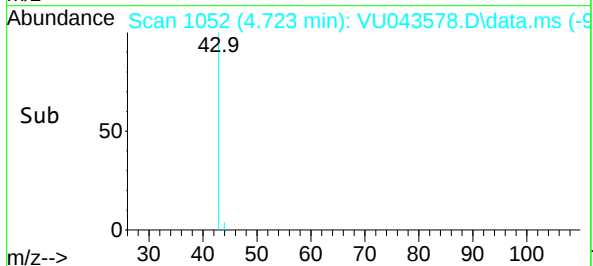
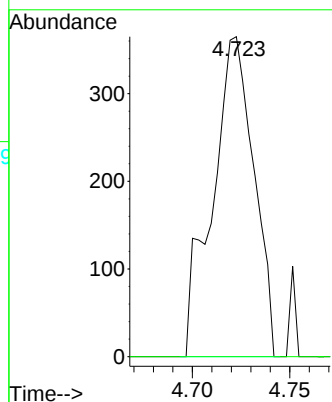
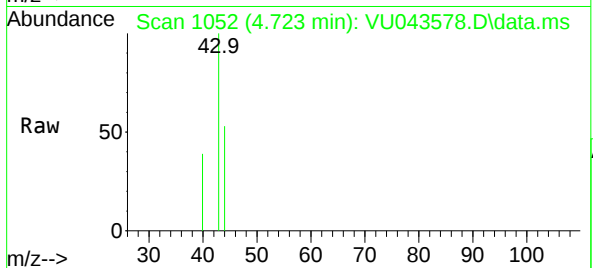




#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.016 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

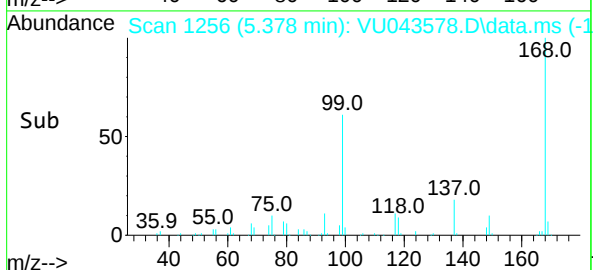
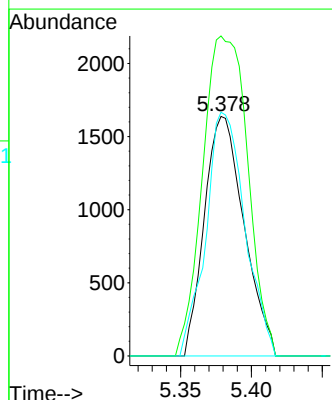
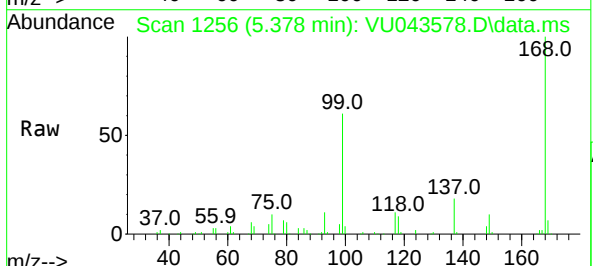
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540

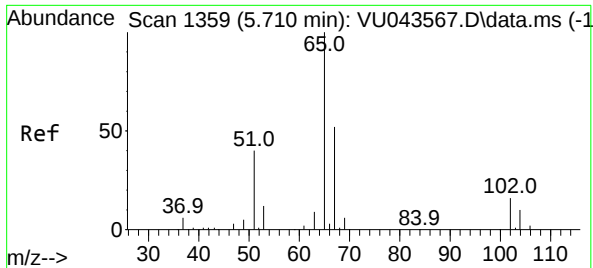
Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
72 0.0 16.5 24.7#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Tgt Ion: 56 Resp: 3186
Ion Ratio Lower Upper
56 100
69 133.6 23.9 35.9#
84 101.7 57.7 86.5#





#33

1,2-Dichloroethane-d4

Concen: 53.36 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU043578.D

Acq: 06 May 2021 13:17

Tgt Ion: 65 Resp: 119225

Ion Ratio Lower Upper

65 100

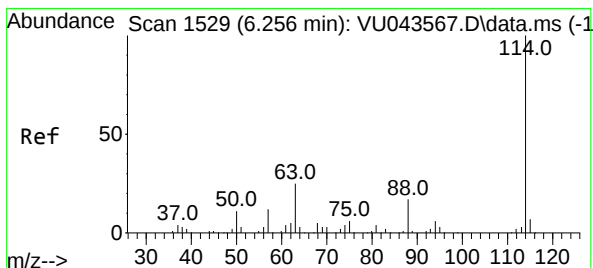
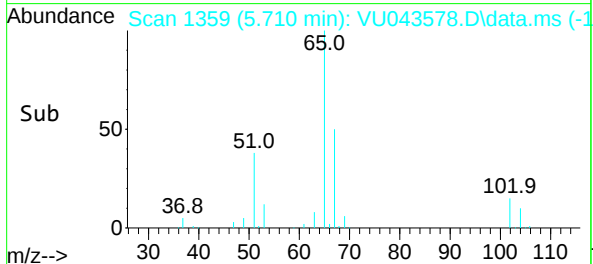
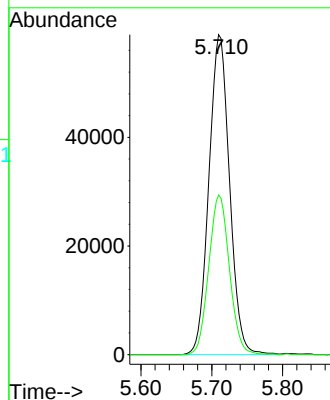
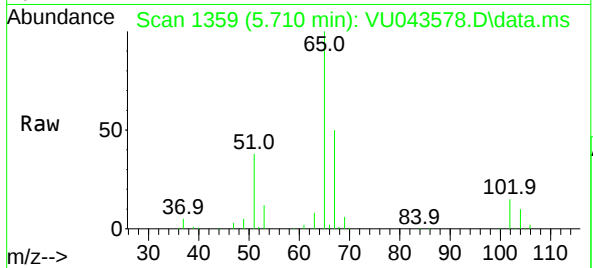
67 49.9 0.0 104.6

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-GW-538-540



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043578.D

Acq: 06 May 2021 13:17

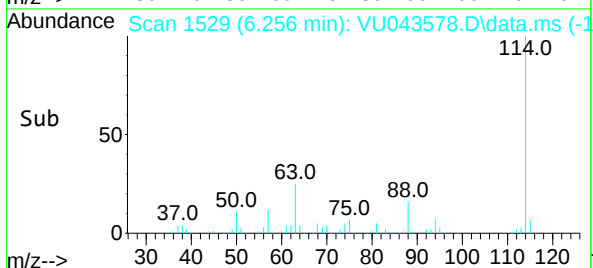
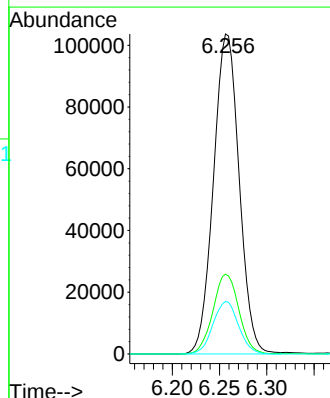
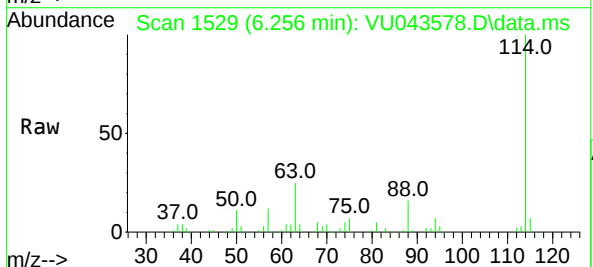
Tgt Ion: 114 Resp: 195840

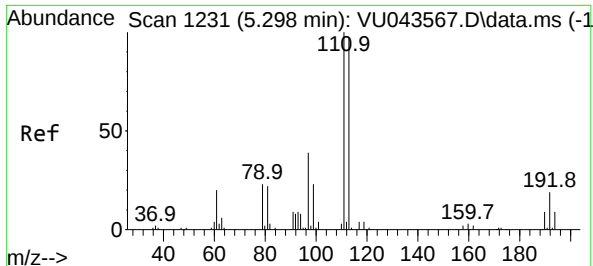
Ion Ratio Lower Upper

114 100

63 25.0 0.0 50.2

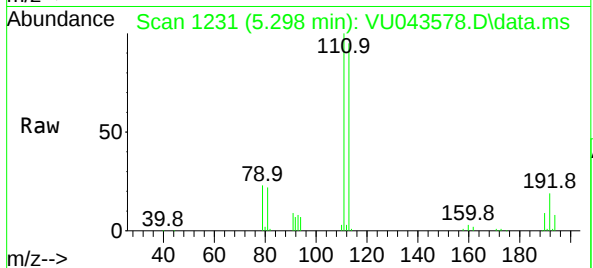
88 16.4 0.0 33.8



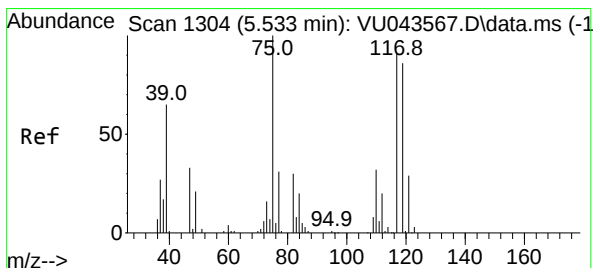
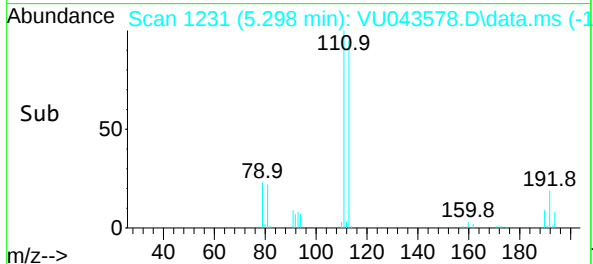
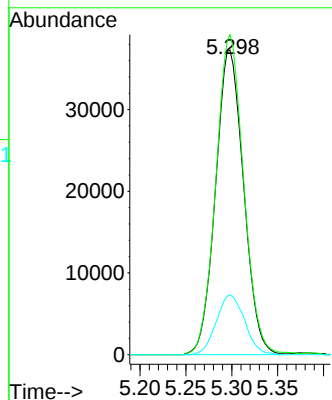


#35
Dibromofluoromethane
Concen: 50.77 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540

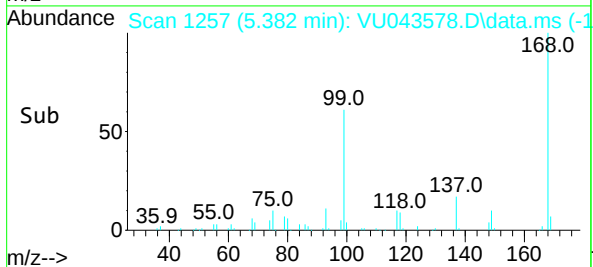
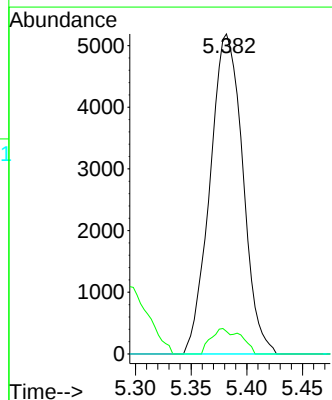
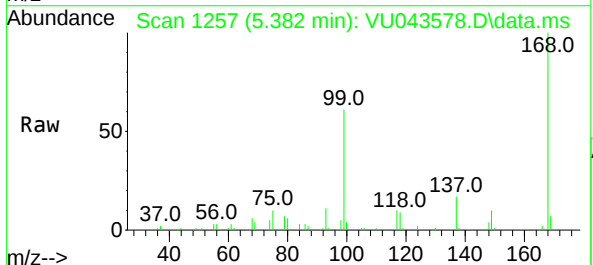


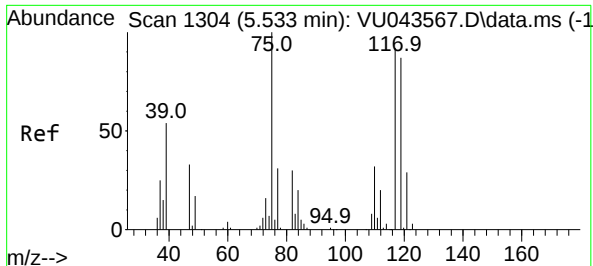
Tgt Ion:	113	Resp:	79288
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.3	123.5
192	19.8	15.8	23.6



#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

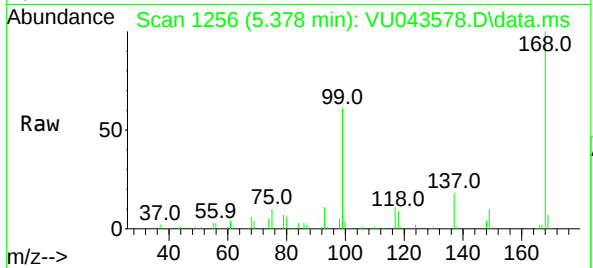
Tgt Ion:	75	Resp:	10631
Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.2	48.5#
77	0.0	24.4	36.6#



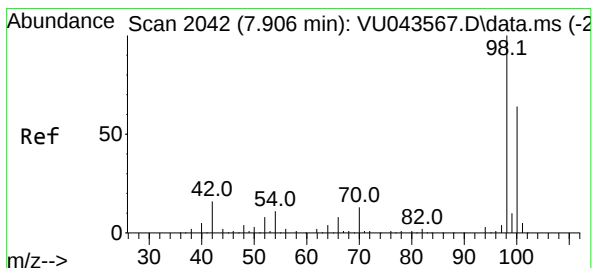
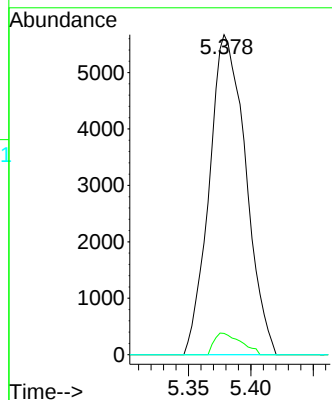
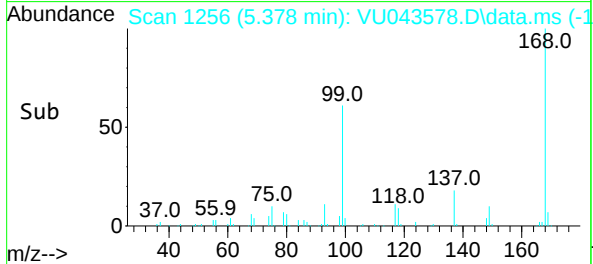


#38
Carbon Tetrachloride
Concen: 5.12 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

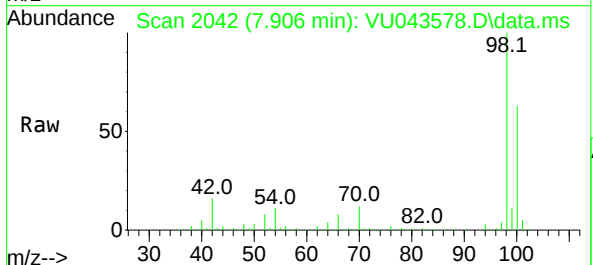
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540



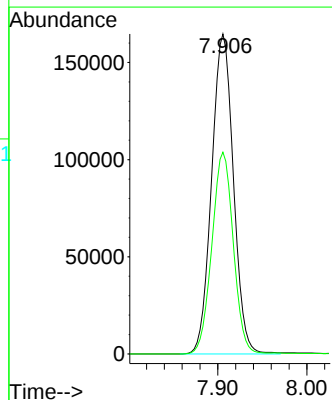
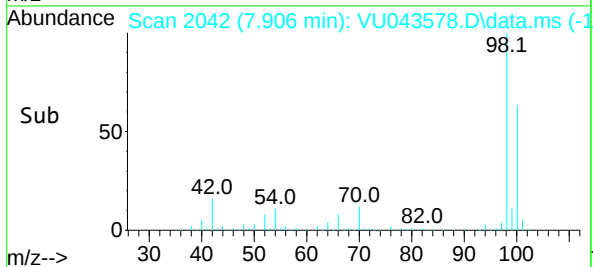
Tgt Ion: 117 Resp: 11530
Ion Ratio Lower Upper
117 100
119 6.6 75.4 113.0#
121 0.0 25.2 37.8#

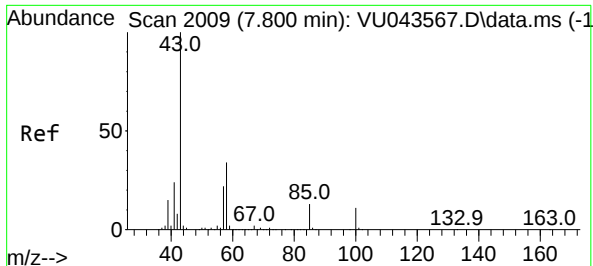


#50
Toluene-d8
Concen: 50.46 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17



Tgt Ion: 98 Resp: 279414
Ion Ratio Lower Upper
98 100
100 62.0 50.5 75.7

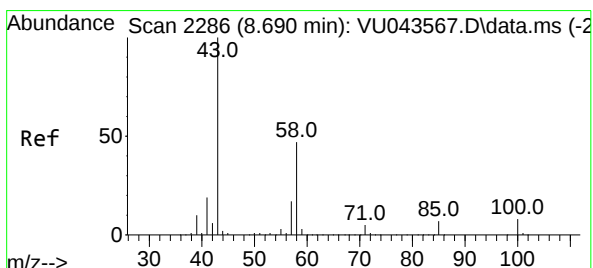
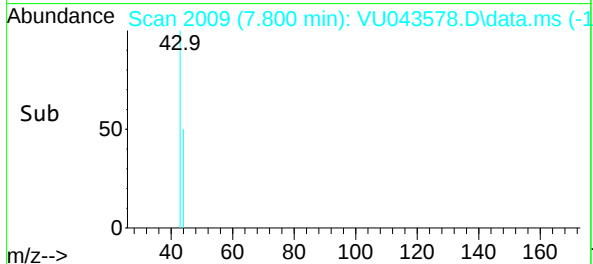
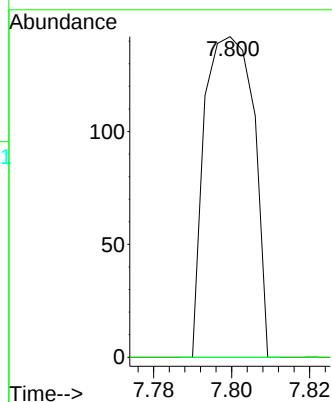
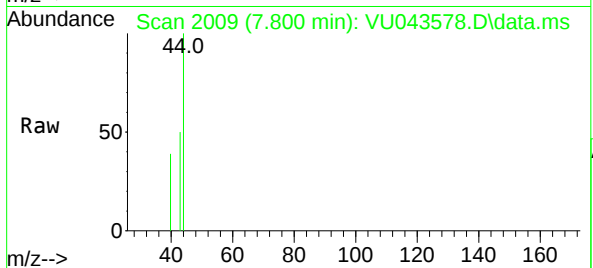




#51
4-Methyl-2-Pentanone
Concen: 19.21 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

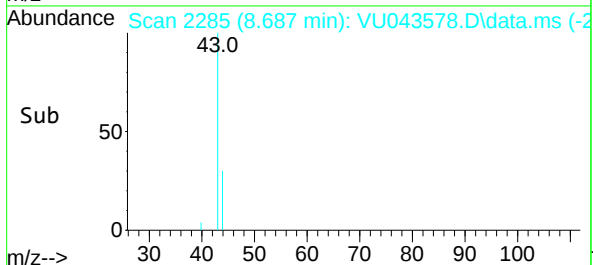
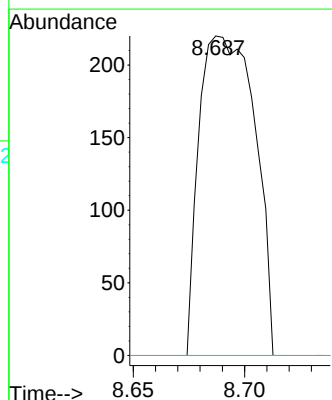
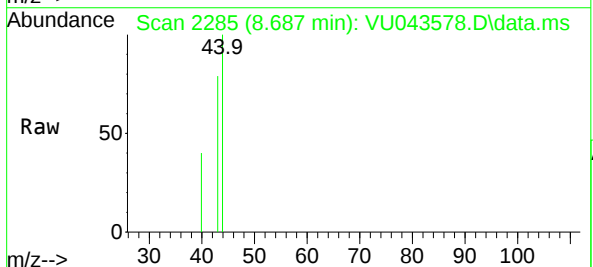
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540

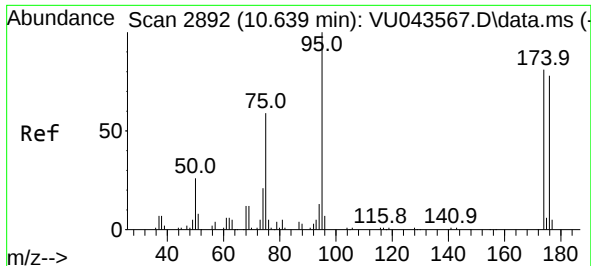
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#



#59
2-Hexanone
Concen: 20.81 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 0.0 23.4 70.2#

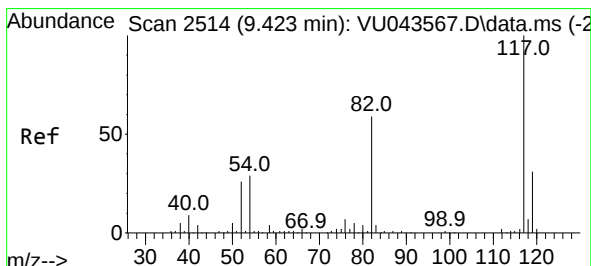
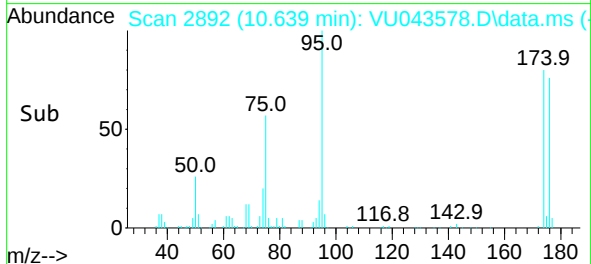
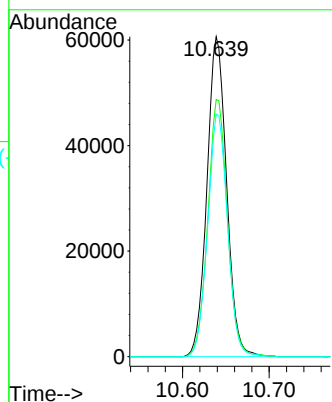
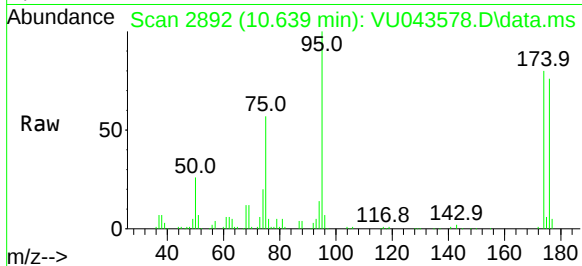




#62
4-Bromofluorobenzene
Concen: 45.39 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

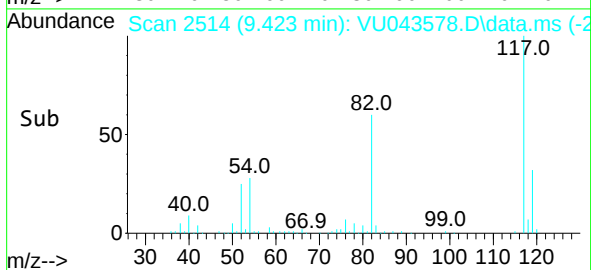
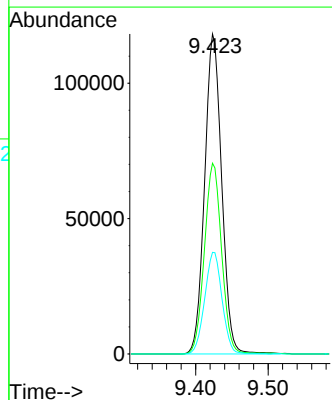
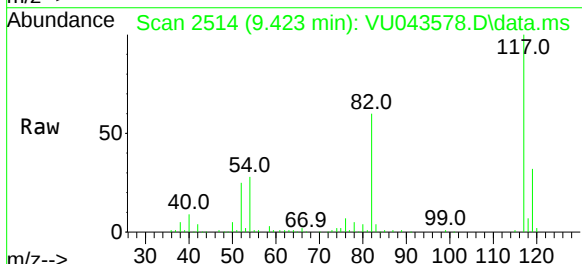
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540

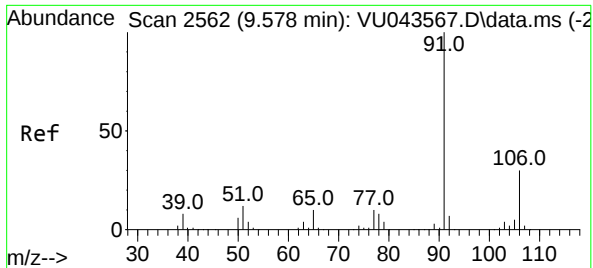
Tgt Ion:	95	Resp:	95624
Ion Ratio	Lower	Upper	
95	100		
174	80.6	0.0	158.8
176	76.5	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Tgt Ion:	117	Resp:	193364
Ion Ratio	Lower	Upper	
117	100		
82	59.6	47.5	71.3
119	31.8	24.7	37.1





#67

Ethyl Benzene

Concen: 1.45 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. -0.004 min

Lab File: VU043578.D

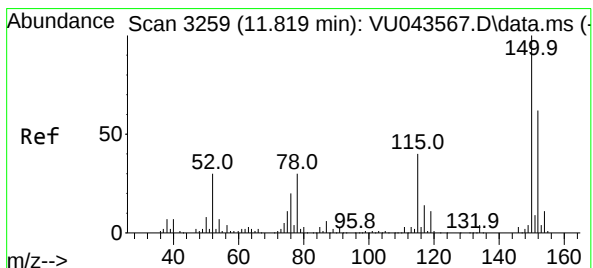
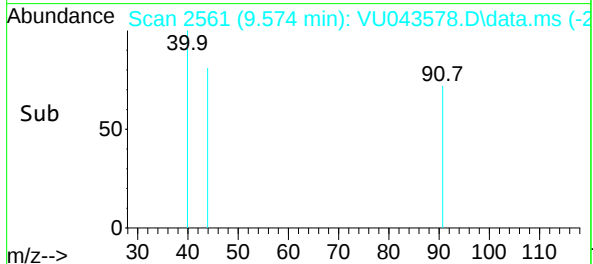
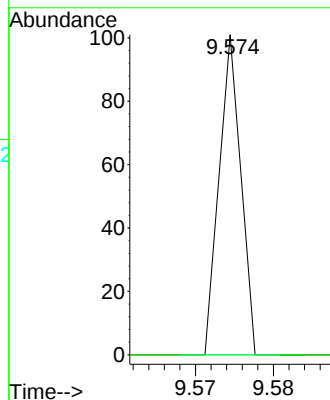
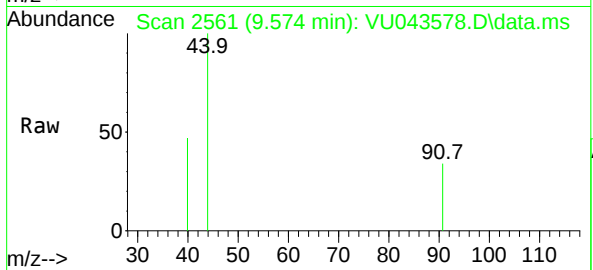
Acq: 06 May 2021 13:17

Tgt Ion: 91 Resp: 19

Ion Ratio Lower Upper

91 100

106 0.0 24.0 36.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.819 min Scan# 3259

Delta R.T. 0.000 min

Lab File: VU043578.D

Acq: 06 May 2021 13:17

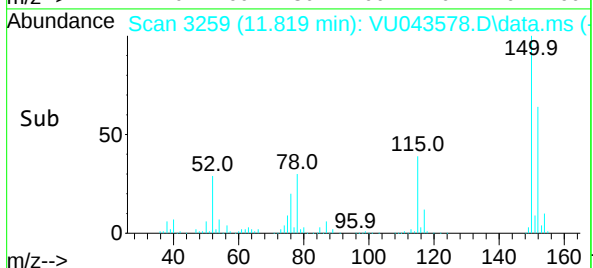
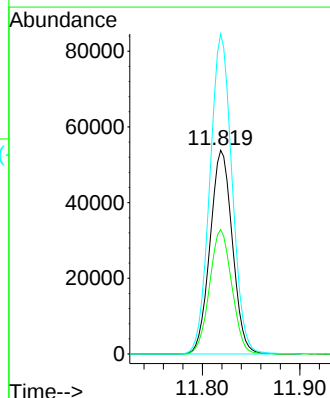
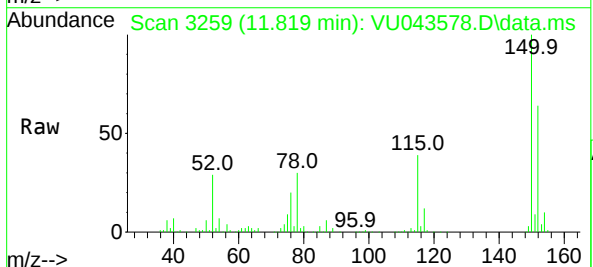
Tgt Ion: 152 Resp: 85615

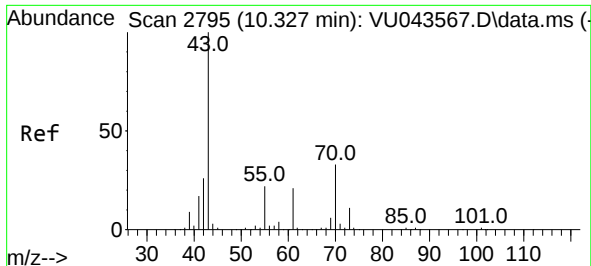
Ion Ratio Lower Upper

152 100

115 60.9 46.1 138.3

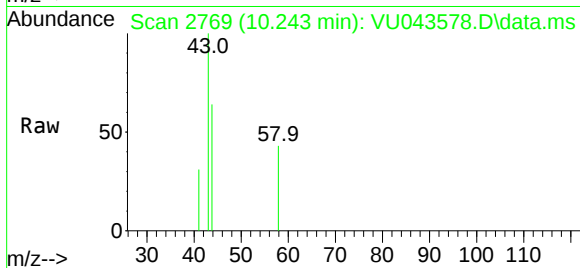
150 156.3 0.0 361.0



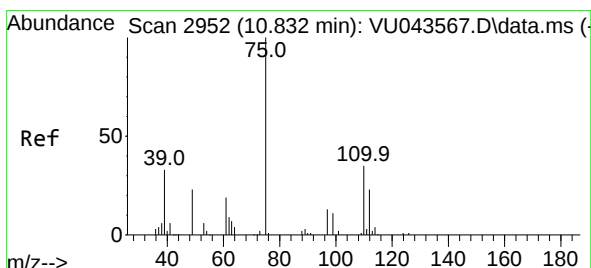
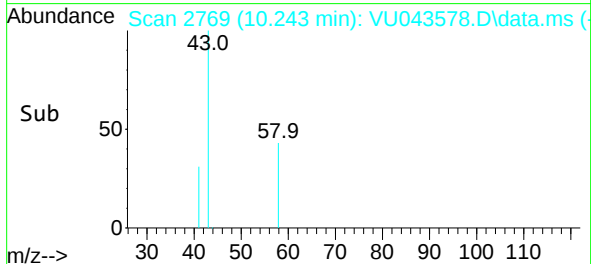
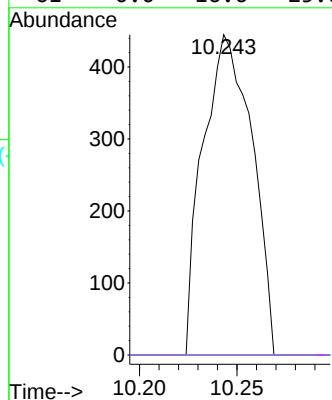


#74
N-amy1 acetate
Concen: 2.68 ug/l
RT: 10.243 min Scan# 2769
Delta R.T. -0.084 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540

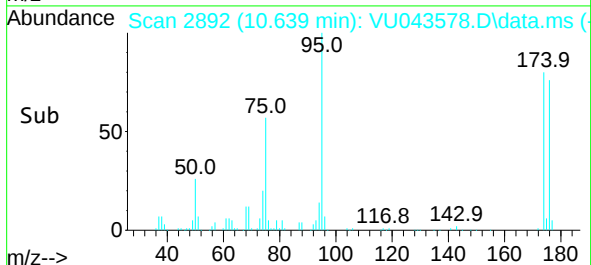
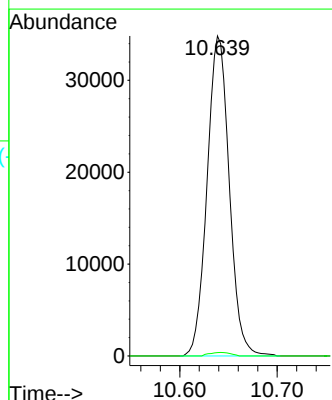
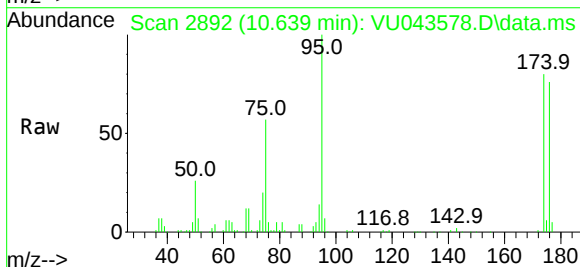


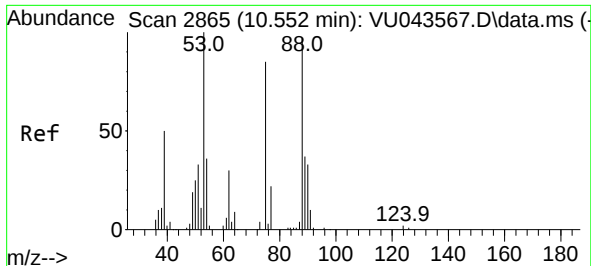
Tgt Ion:	43	Resp:	779
Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.4	39.6#
55	0.0	18.0	27.0#
61	0.0	16.6	25.0#



#76
1,2,3-Trichloropropane
Concen: 20.25 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Tgt Ion:	75	Resp:	55140
Ion	Ratio	Lower	Upper
75	100		
77	1.1	17.1	51.3#

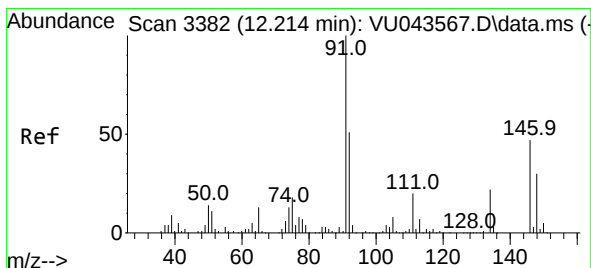
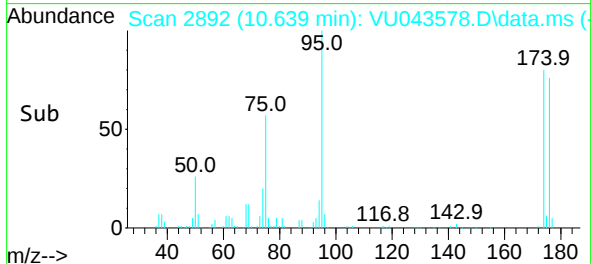
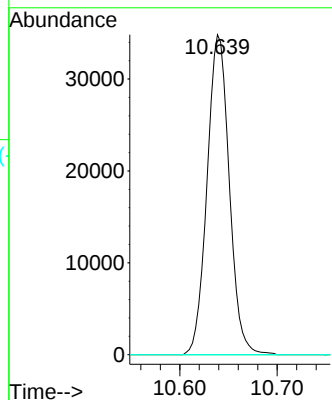
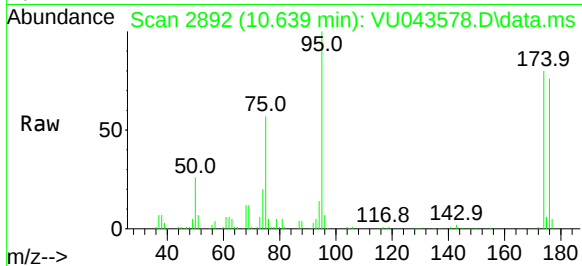




#81
trans-1,4-Dichloro-2-butene
Concen: 65.96 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

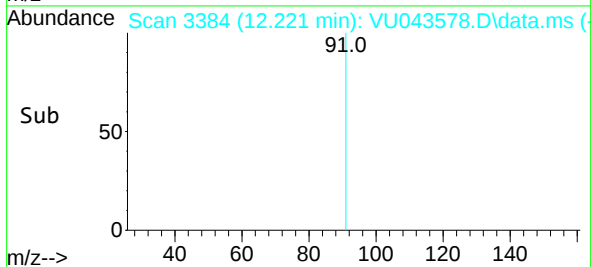
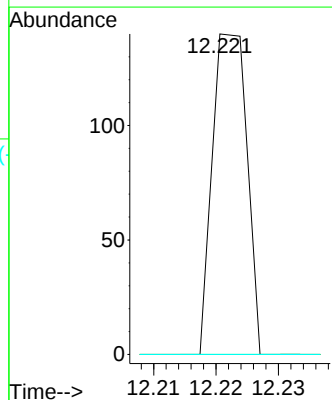
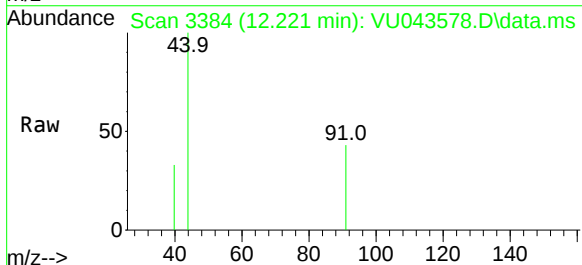
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540

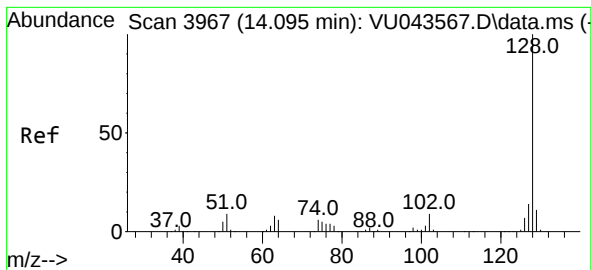
Tgt Ion: 75 Resp: 55140
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#



#89
n-Butylbenzene
Concen: 2.54 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.007 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

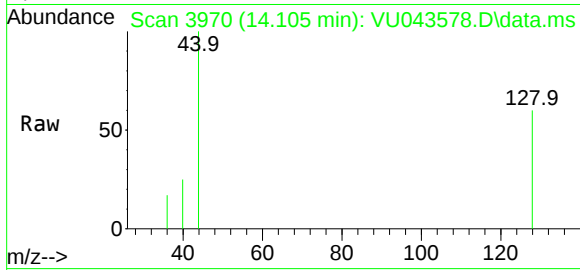
Tgt Ion: 91 Resp: 54
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.2#
134 0.0 11.3 33.9#





#95
Naphthalene
Concen: 1.60 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.010 min
Lab File: VU043578.D
Acq: 06 May 2021 13:17

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-538-540



Tgt Ion:128 Resp: 590
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

