

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043579.D
 Acq On : 06 May 2021 13:41
 Operator : SY/MD
 Sample : M2251-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-558-560

Quant Time: May 07 02:04:02 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)

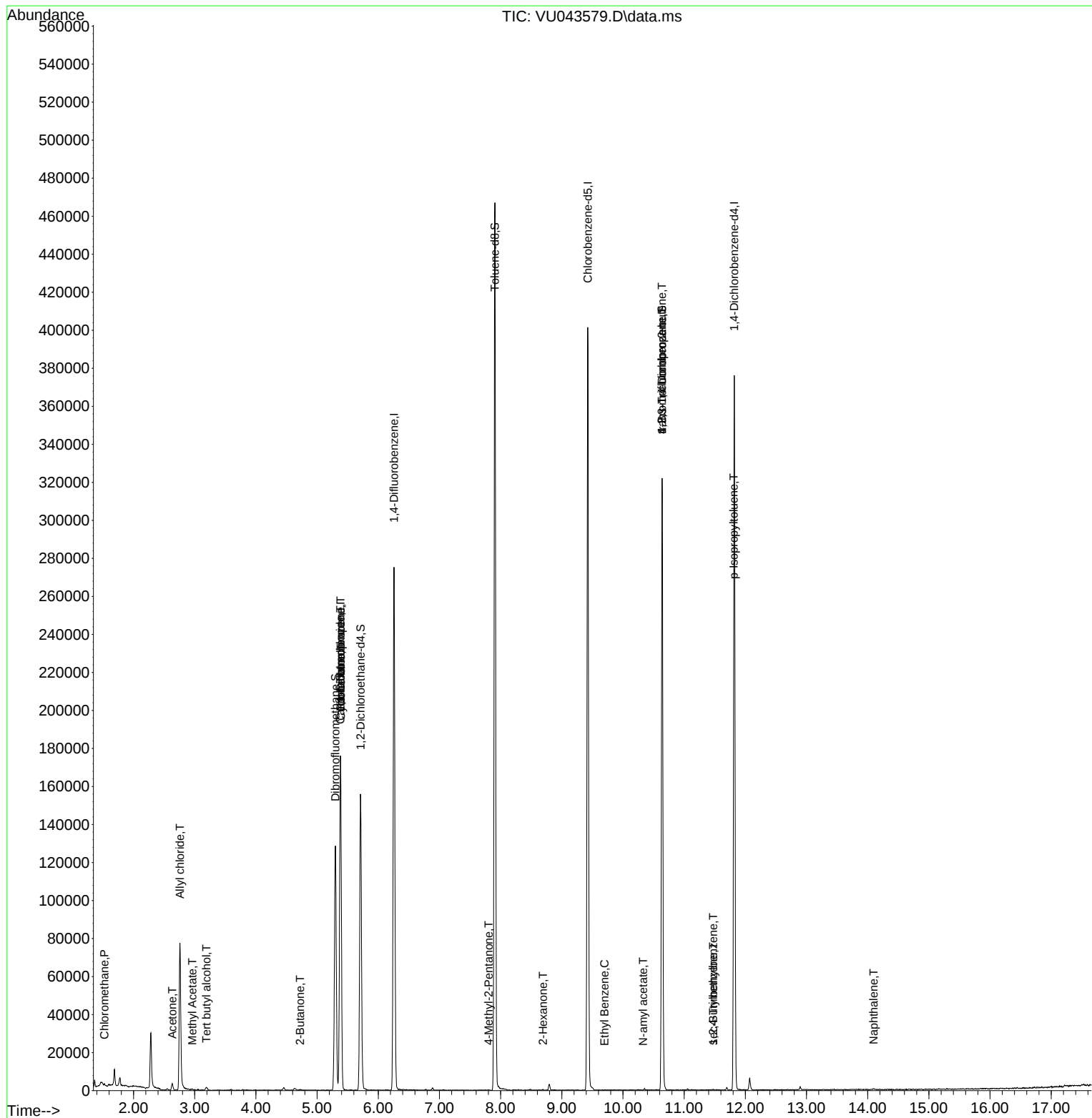
Internal Standards						
1) Pentafluorobenzene	5.382	168	111441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	199722	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	197605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	117048	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
35) Dibromofluoromethane	5.298	113	80152	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	7.906	98	279361	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	10.639	95	98027	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds					Qvalue	
3) Chloromethane	1.524	50	667	0.64	ug/l #	71
11) Tert butyl alcohol	3.189	59	685	1.13	ug/l #	73
14) Allyl chloride	2.758	41	8210	2.54	ug/l #	68
16) Acetone	2.633	43	3887	3.10	ug/l	100
18) Methyl Acetate	2.961	43	652	0.23	ug/l #	58
25) 2-Butanone	4.720	43	549	0.28	ug/l #	56
31) Cyclohexane	5.385	56	3240	1.20	ug/l #	13
36) 1,1-Dichloropropene	5.382	75	10105	4.46	ug/l #	50
38) Carbon Tetrachloride	5.379	117	12355	5.38	ug/l #	17
51) 4-Methyl-2-Pentanone	7.803	43	113	19.21	ug/l #	41
59) 2-Hexanone	8.690	43	291	20.79	ug/l #	30
67) Ethyl Benzene	9.697	91	164	1.47	ug/l #	45
74) N-amyl acetate	10.327	43	43	2.53	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	56793	20.03	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	56793	65.24	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.475	105	144	1.13	ug/l #	33
85) sec-Butylbenzene	11.475	105	144	1.36	ug/l #	59
86) p-Isopropyltoluene	11.809	119	45	1.48	ug/l #	1
95) Naphthalene	14.099	128	573	1.60	ug/l #	69

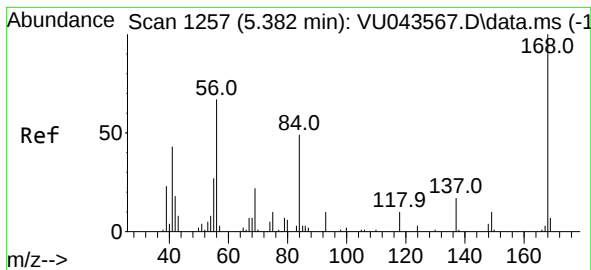
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 06 07:26:23 2021
Response via : Initial Calibration

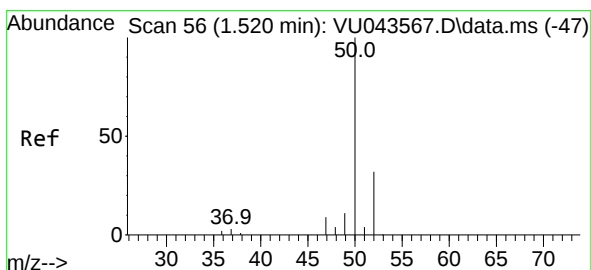
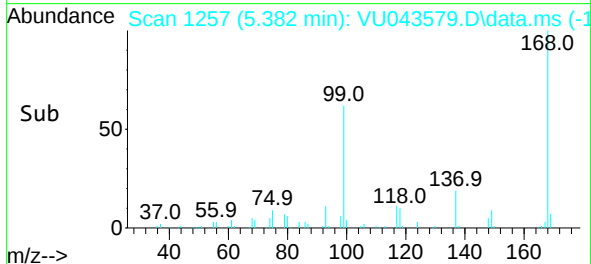
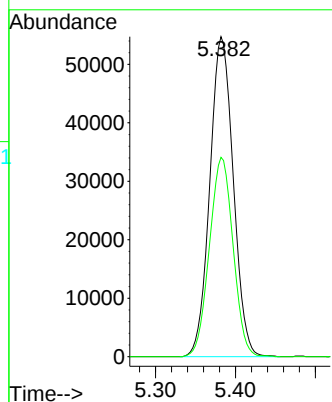
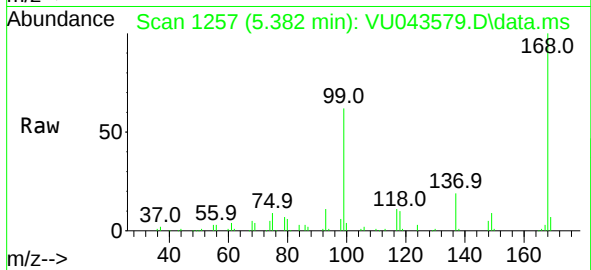




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

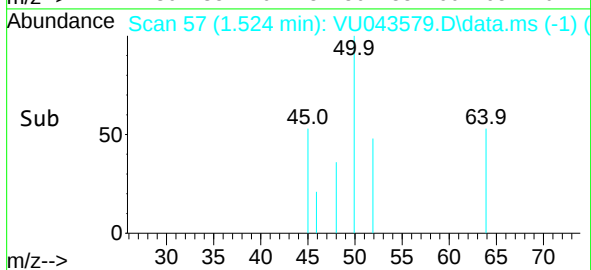
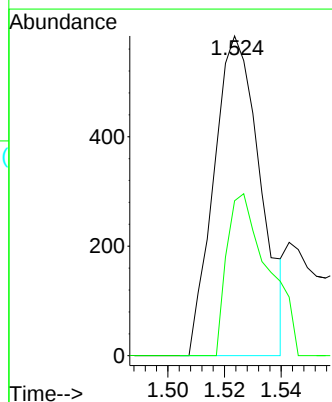
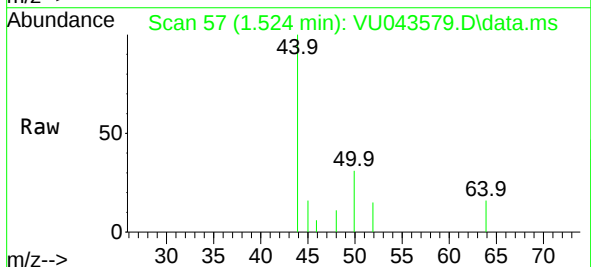
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-558-560

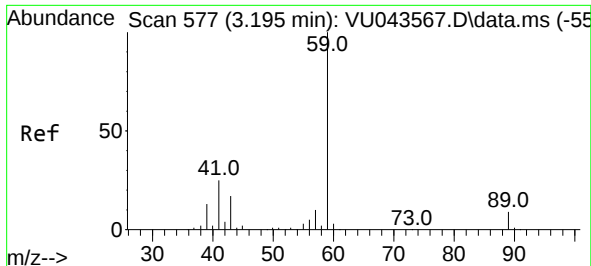
Tgt Ion:168 Resp: 111441
Ion Ratio Lower Upper
168 100
99 62.3 49.0 73.6



#3
Chloromethane
Concen: 0.64 ug/l
RT: 1.524 min Scan# 57
Delta R.T. 0.004 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Tgt Ion: 50 Resp: 667
Ion Ratio Lower Upper
50 100
52 48.5 25.9 38.9#



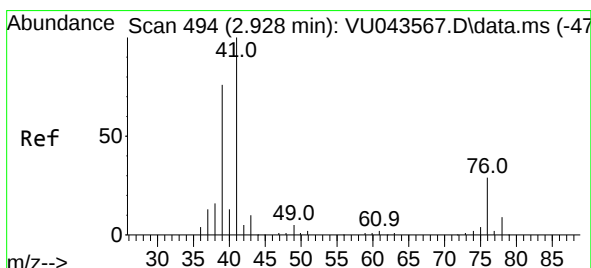
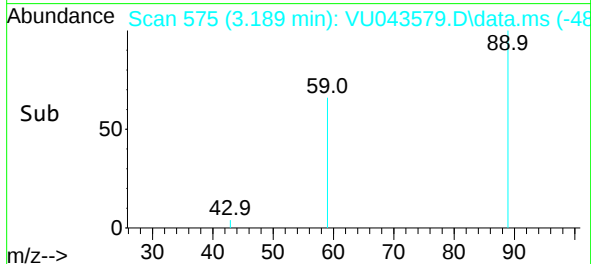
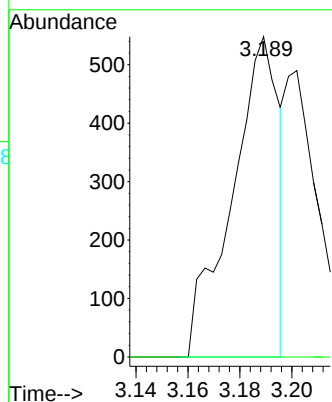
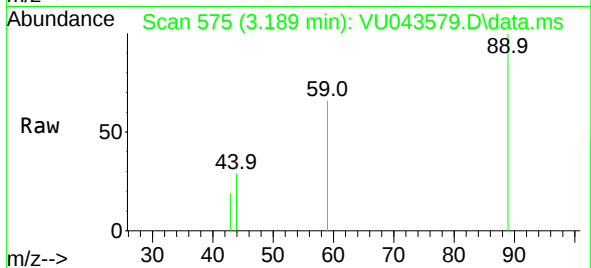


#11

Tert butyl alcohol
Concen: 1.13 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.006 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-558-560

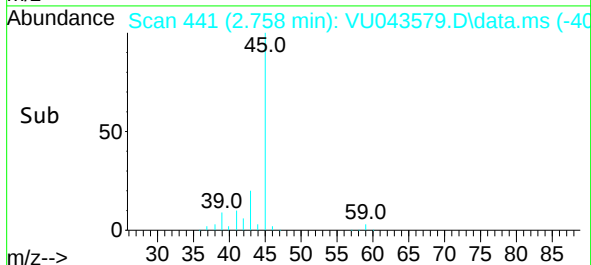
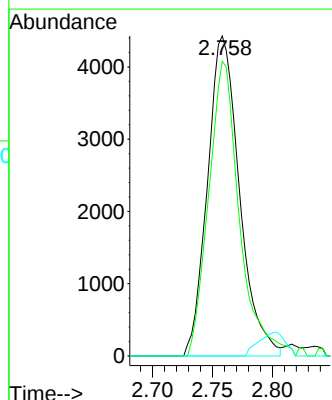
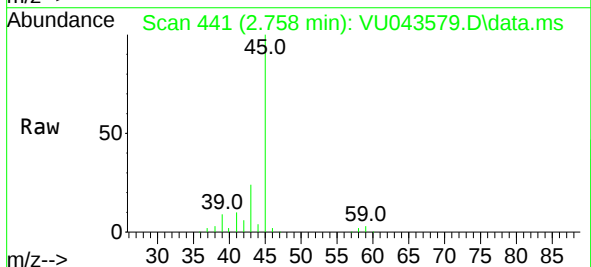
Tgt Ion: 59 Resp: 685
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

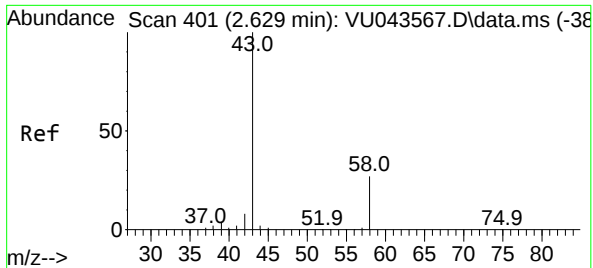


#14

Allyl chloride
Concen: 2.54 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

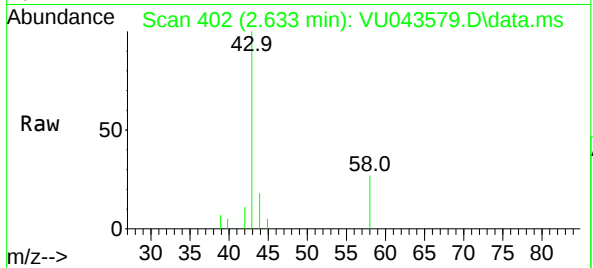
Tgt Ion: 41 Resp: 8210
Ion Ratio Lower Upper
41 100
39 88.3 54.5 81.7#
76 0.0 19.9 29.9#



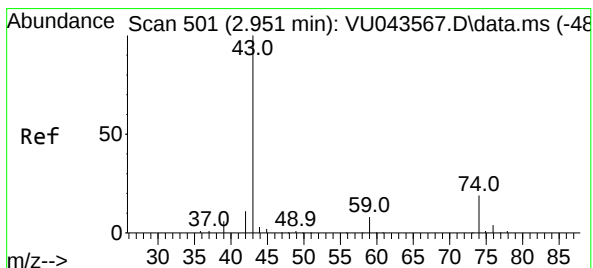
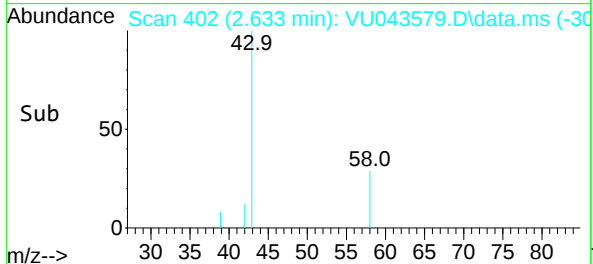
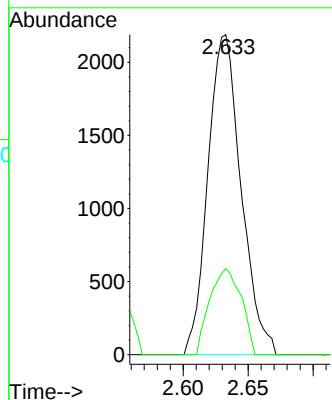


#16
Acetone
Concen: 3.10 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Instrument :
MSVOA_U
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BP-VPB-RW8-GW-558-560

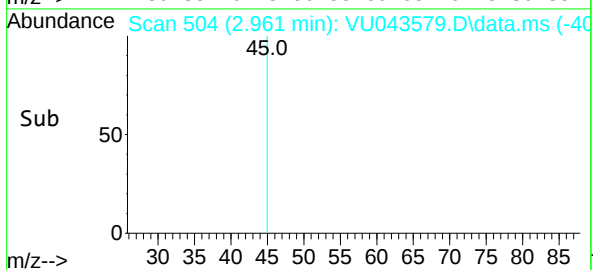
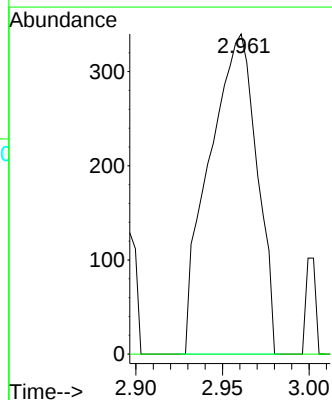
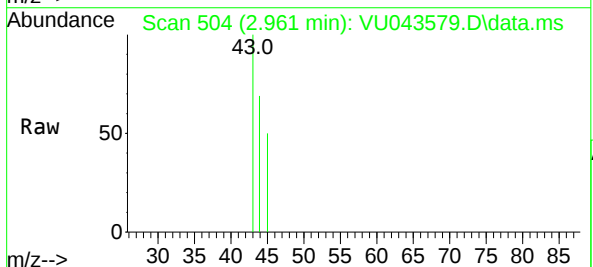


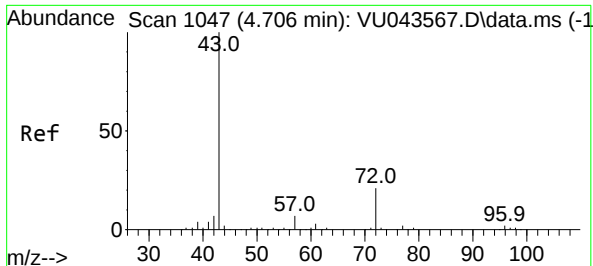
Tgt Ion: 43 Resp: 3887
Ion Ratio Lower Upper
43 100
58 26.9 21.7 32.5



#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Tgt Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
74 0.0 15.3 22.9#

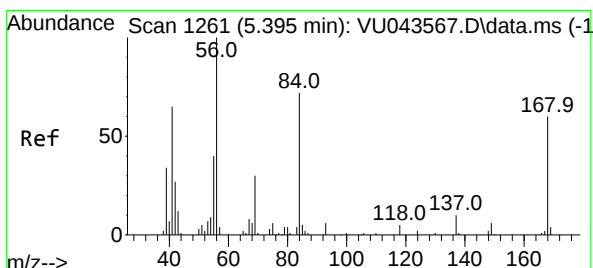
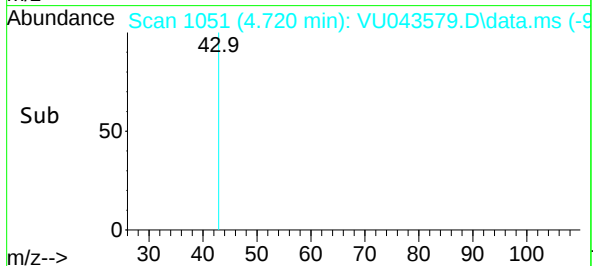
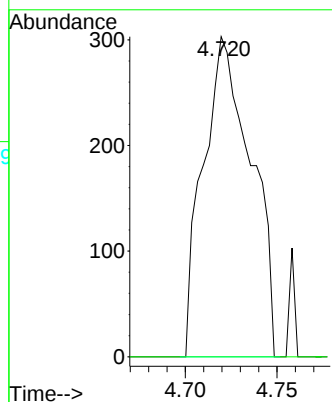
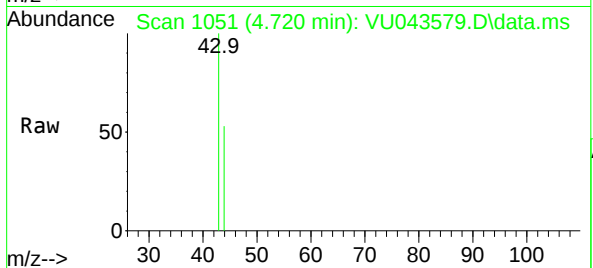




#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.720 min Scan# 1051
Delta R.T. 0.013 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

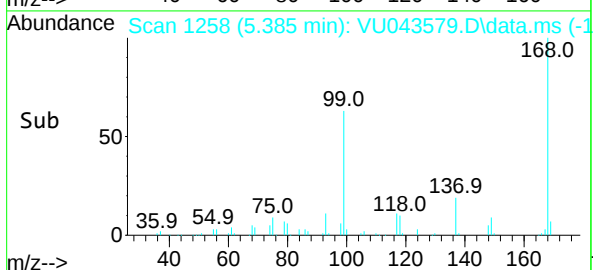
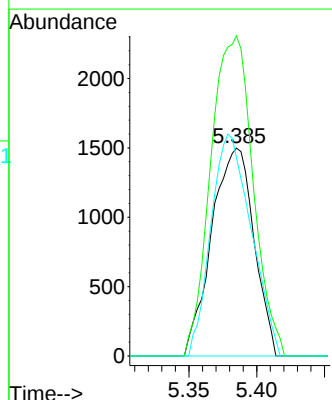
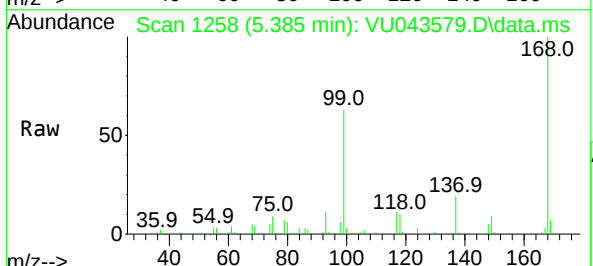
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-558-560

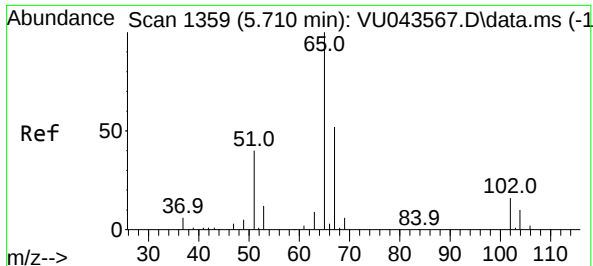
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
72 0.0 16.5 24.7#



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.009 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Tgt Ion: 56 Resp: 3240
Ion Ratio Lower Upper
56 100
69 153.9 23.9 35.9#
84 95.3 57.7 86.5#





#33

1,2-Dichloroethane-d4

Concen: 51.88 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU043579.D

Acq: 06 May 2021 13:41

Tgt Ion: 65 Resp: 117048

Ion Ratio Lower Upper

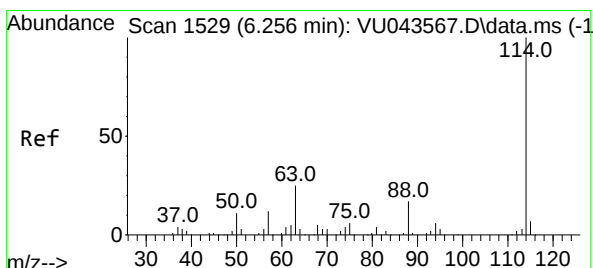
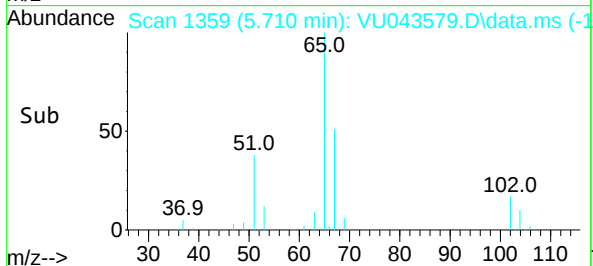
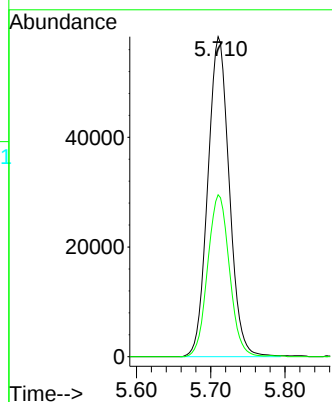
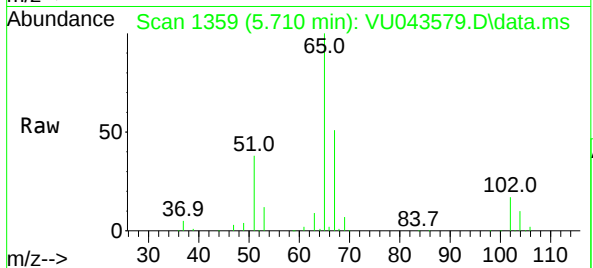
65	100		
67	51.2	0.0	104.6

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-GW-558-560



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

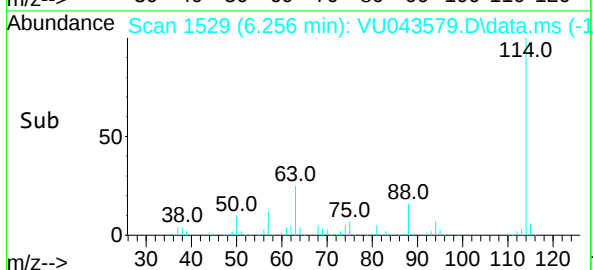
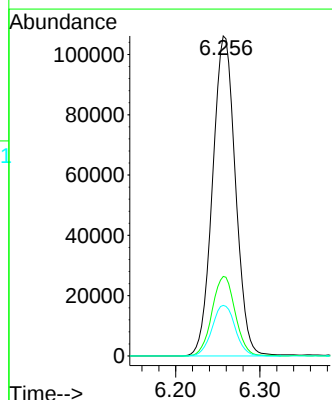
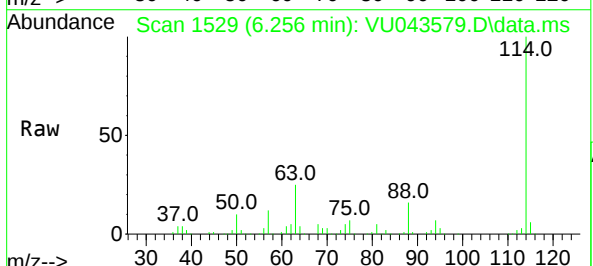
Lab File: VU043579.D

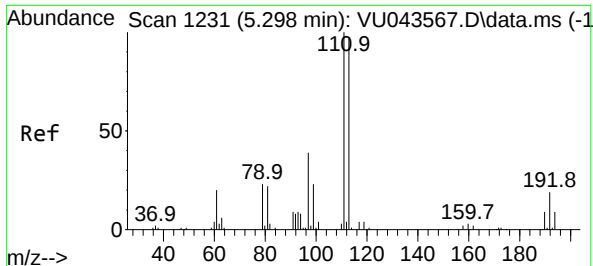
Acq: 06 May 2021 13:41

Tgt Ion: 114 Resp: 199722

Ion Ratio Lower Upper

114	100		
63	24.8	0.0	50.2
88	15.8	0.0	33.8





#35

Dibromofluoromethane

Concen: 50.32 ug/l

RT: 5.298 min Scan# 1231

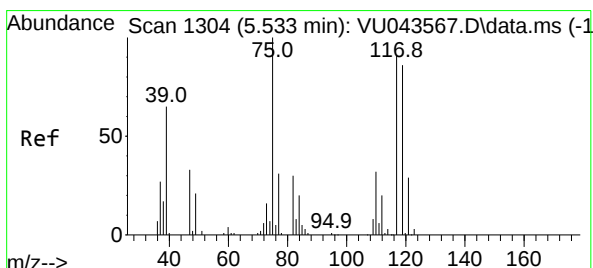
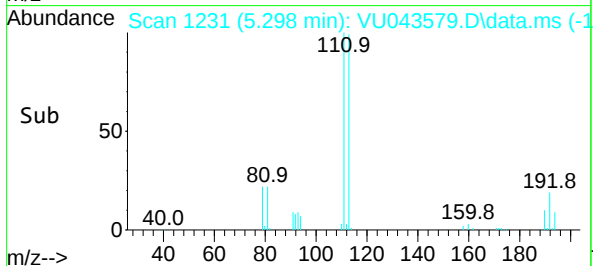
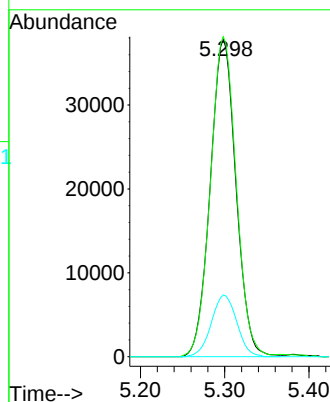
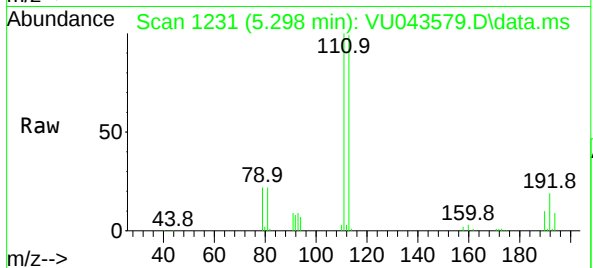
Delta R.T. 0.000 min

Lab File: VU043579.D

Acq: 06 May 2021 13:41

Tgt Ion:	113	Resp:	80152
Ion Ratio	Lower	Upper	
113	100		
111	101.1	82.3	123.5
192	19.2	15.8	23.6

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#36

1,1-Dichloropropene

Concen: 4.46 ug/l

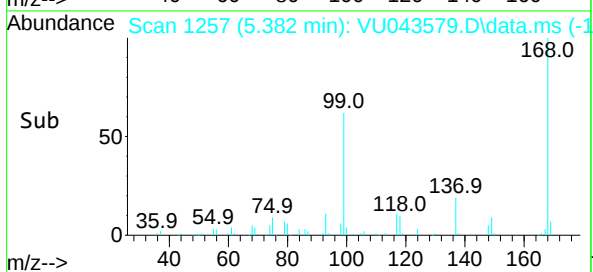
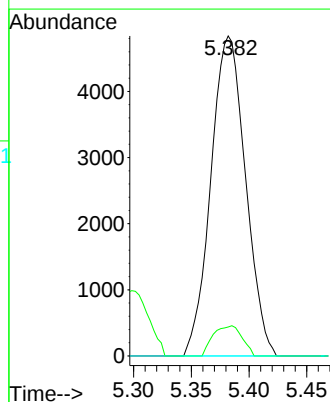
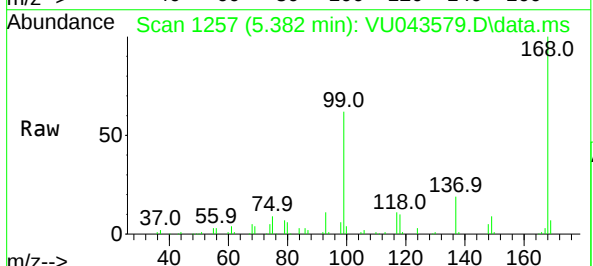
RT: 5.382 min Scan# 1257

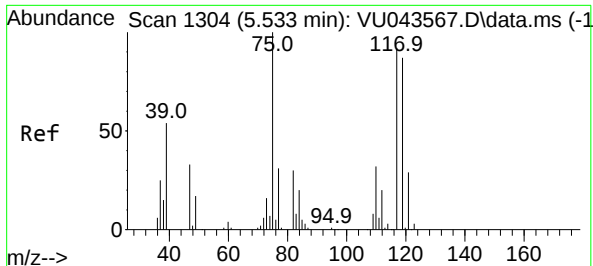
Delta R.T. -0.151 min

Lab File: VU043579.D

Acq: 06 May 2021 13:41

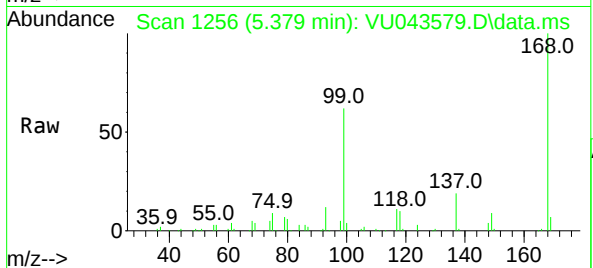
Tgt Ion:	75	Resp:	10105
Ion Ratio	Lower	Upper	
75	100		
110	7.9	16.2	48.5#
77	0.0	24.4	36.6#



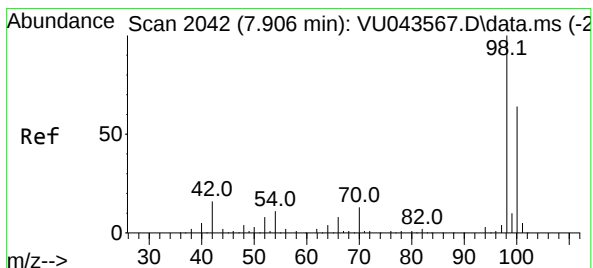
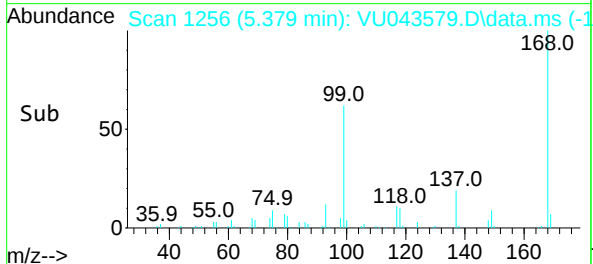
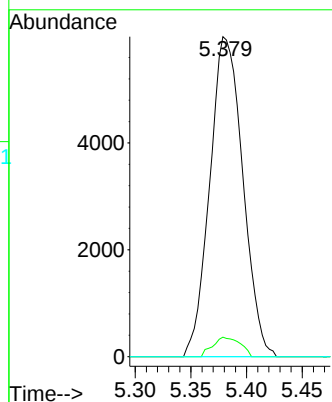


#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-558-560

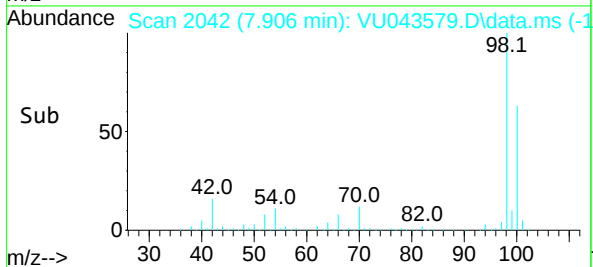
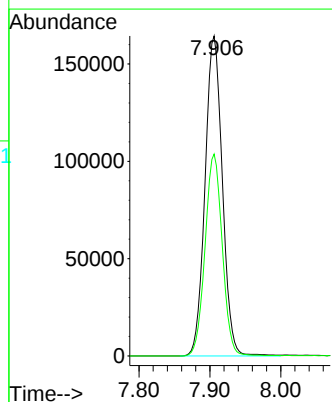
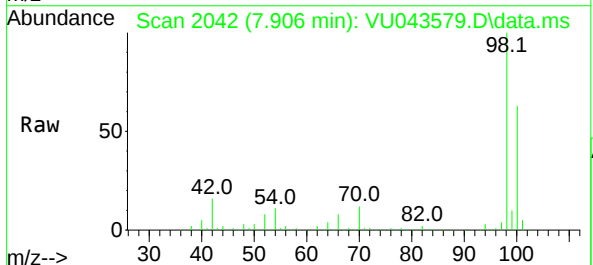


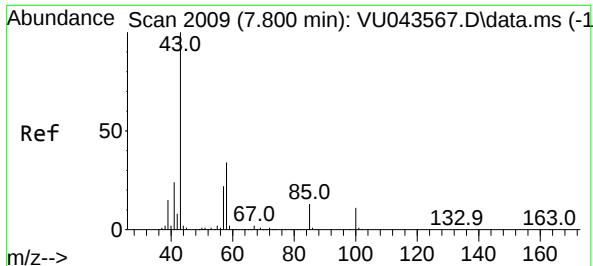
Tgt Ion: 117 Resp: 12355
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.0#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.47 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Tgt Ion: 98 Resp: 279361
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7

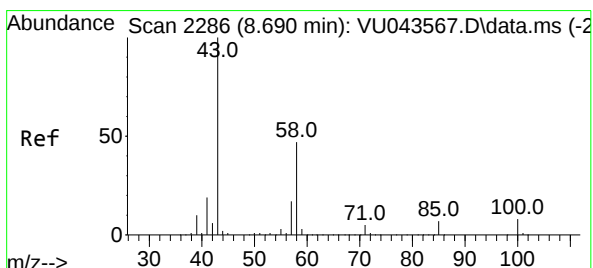
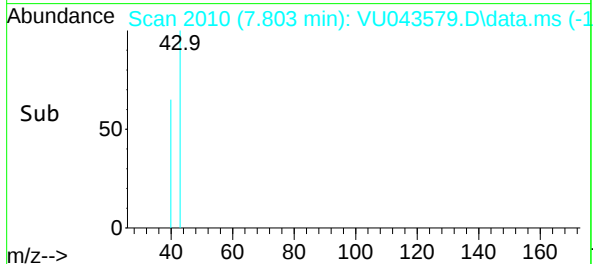
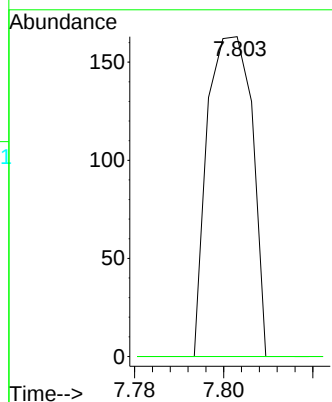
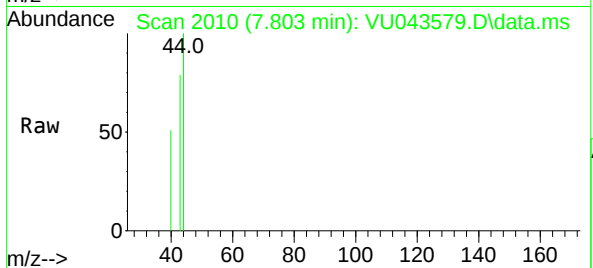




#51
4-Methyl-2-Pentanone
Concen: 19.21 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

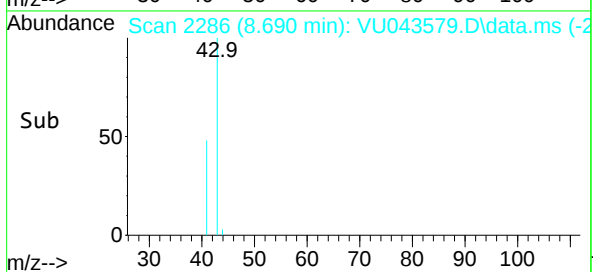
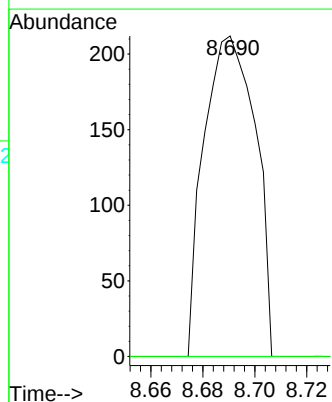
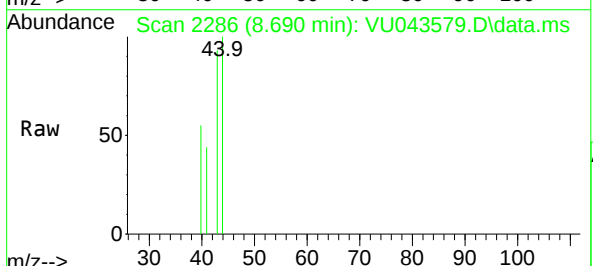
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-558-560

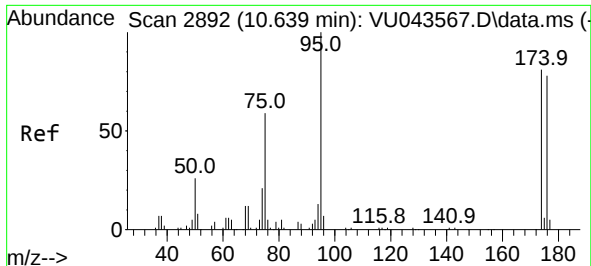
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#



#59
2-Hexanone
Concen: 20.79 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
58 0.0 23.4 70.2#

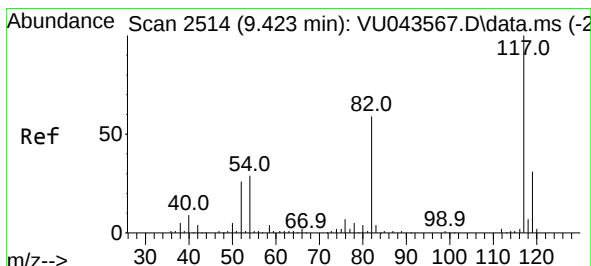
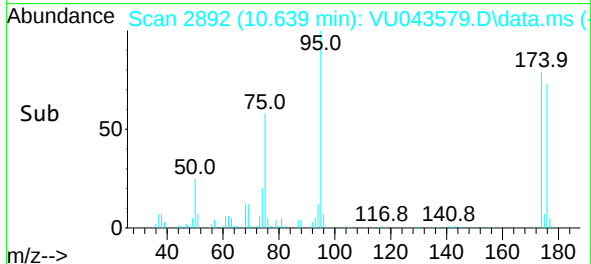
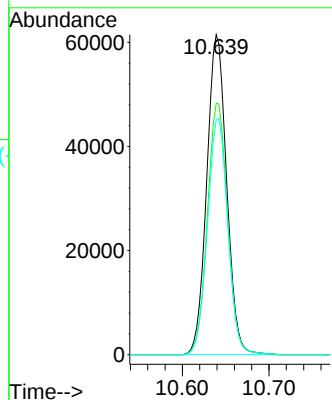
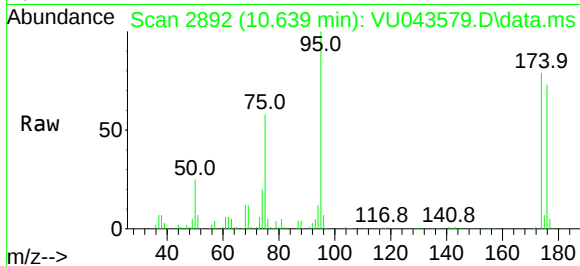




#62
4-Bromofluorobenzene
Concen: 45.62 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

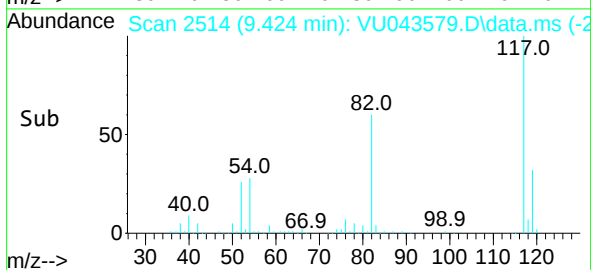
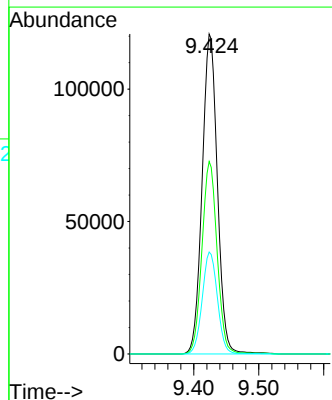
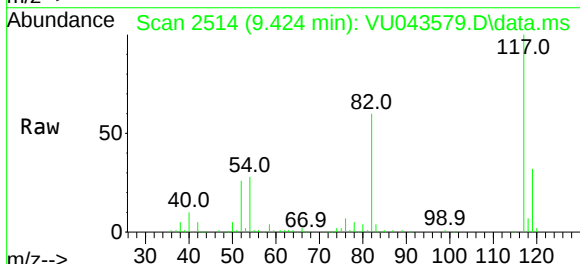
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-558-560

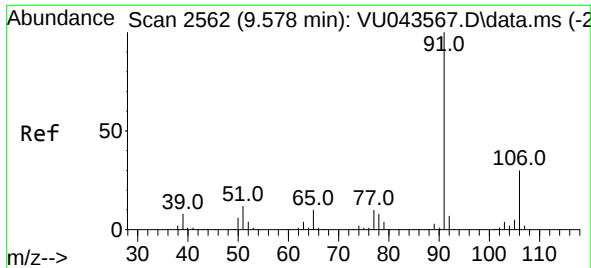
Tgt Ion: 95 Resp: 98027
Ion Ratio Lower Upper
95 100
174 80.2 0.0 158.8
176 75.4 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.001 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Tgt Ion: 117 Resp: 197605
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 31.9 24.7 37.1

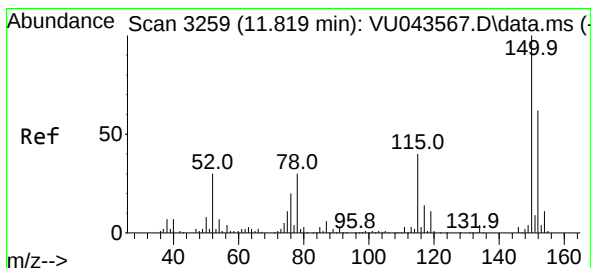
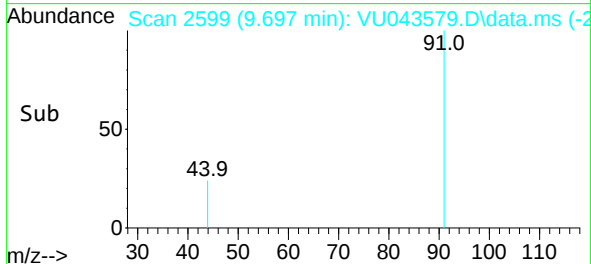
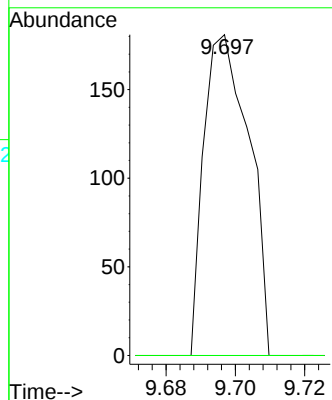
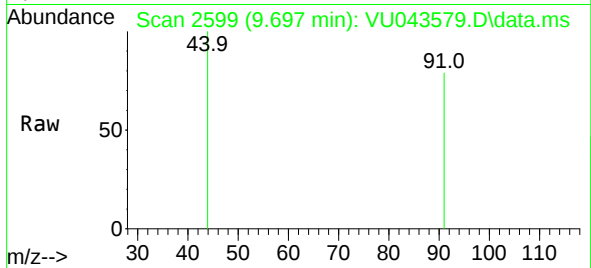




#67
Ethyl Benzene
Concen: 1.47 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.119 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

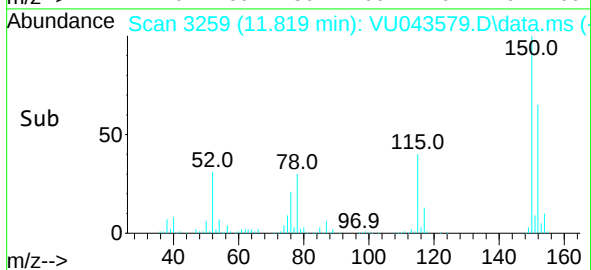
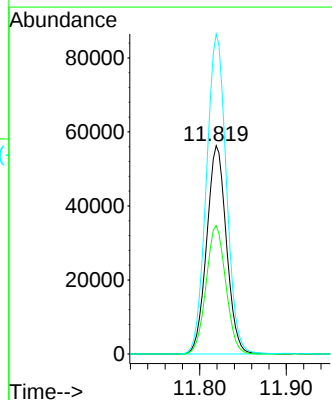
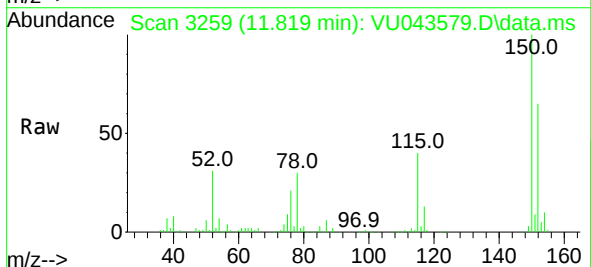
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-558-560

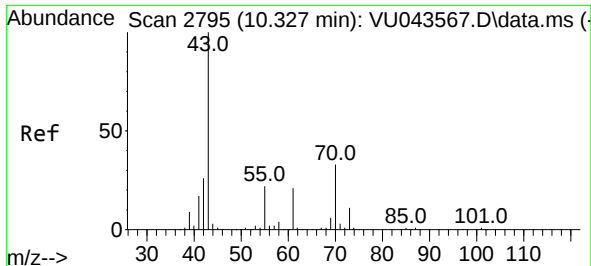
Tgt Ion: 91 Resp: 164
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Tgt Ion:152 Resp: 89163
Ion Ratio Lower Upper
152 100
115 61.3 46.1 138.3
150 155.1 0.0 361.0

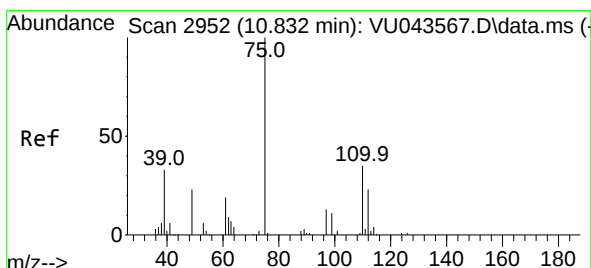
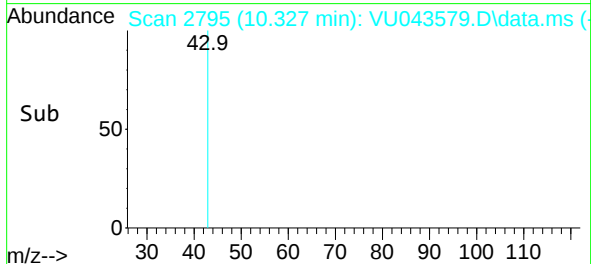
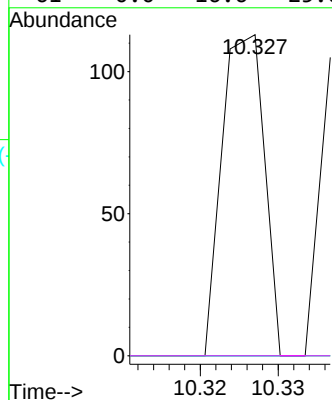
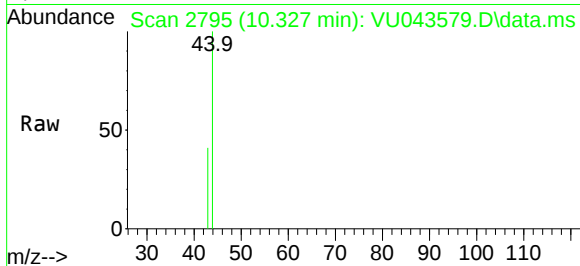




#74
N-amy1 acetate
Concen: 2.53 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. 0.000 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

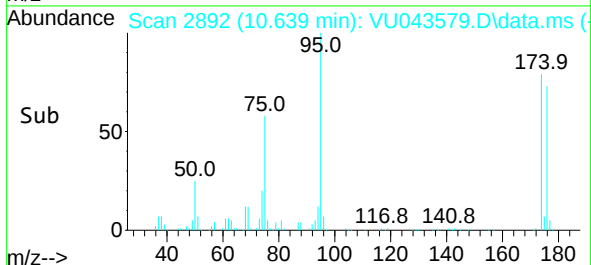
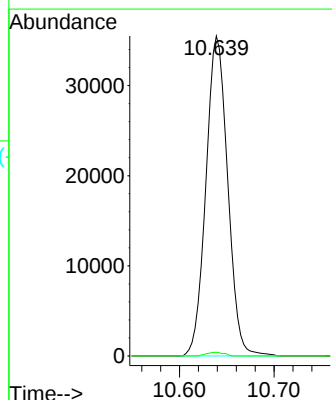
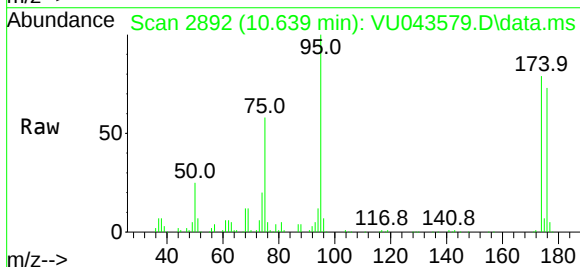
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-558-560

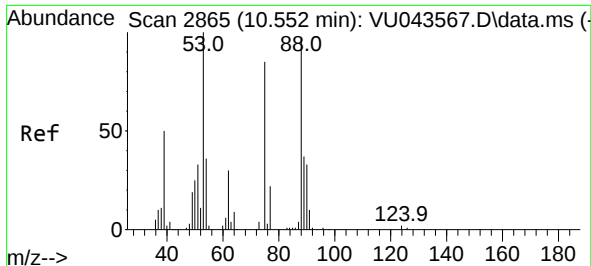
Tgt Ion: 43	Resp:	43
Ion	Ratio	Lower Upper
43	100	
70	0.0	26.4 39.6#
55	0.0	18.0 27.0#
61	0.0	16.6 25.0#



#76
1,2,3-Trichloropropane
Concen: 20.03 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

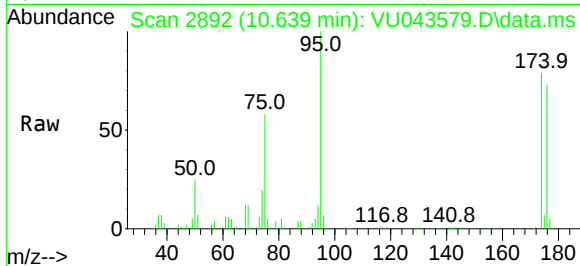
Tgt Ion: 75	Resp:	56793
Ion	Ratio	Lower Upper
75	100	
77	0.9	17.1 51.3#



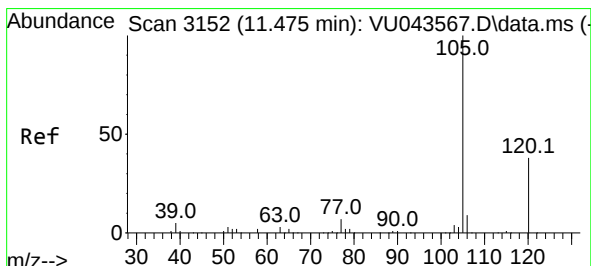
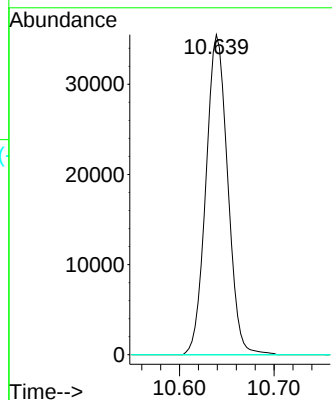
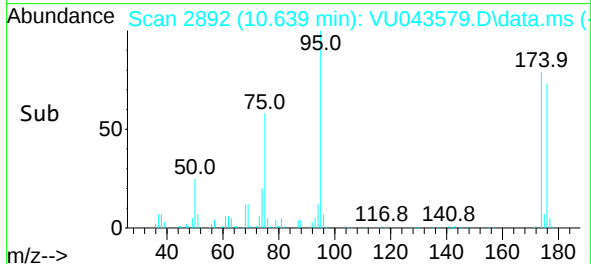


#81
trans-1,4-Dichloro-2-butene
Concen: 65.24 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

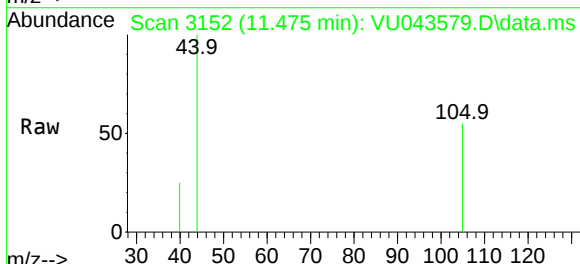
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-558-560



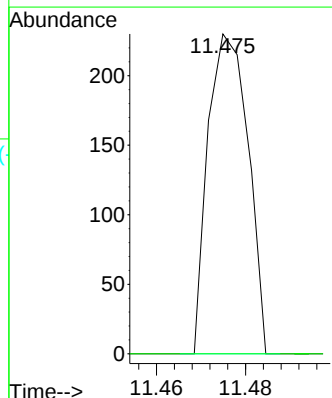
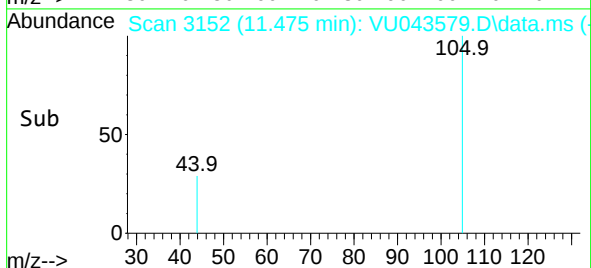
Tgt Ion: 75 Resp: 56793
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

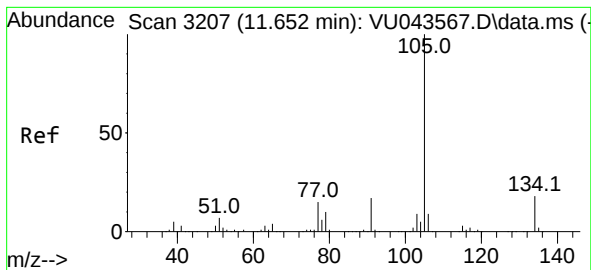


#84
1,2,4-Trimethylbenzene
Concen: 1.13 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41



Tgt Ion: 105 Resp: 144
Ion Ratio Lower Upper
105 100
120 0.0 21.4 64.2#

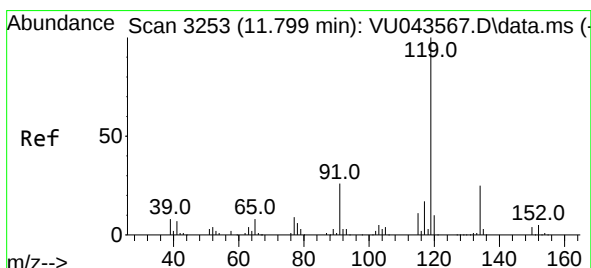
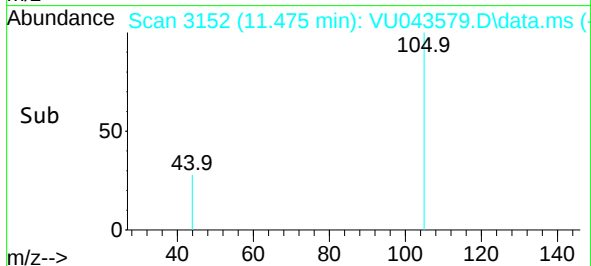
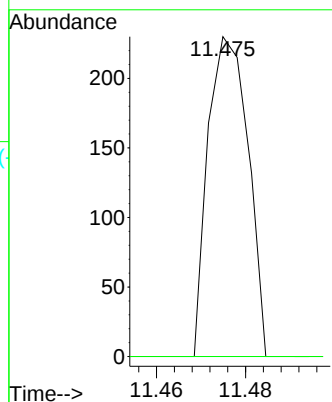
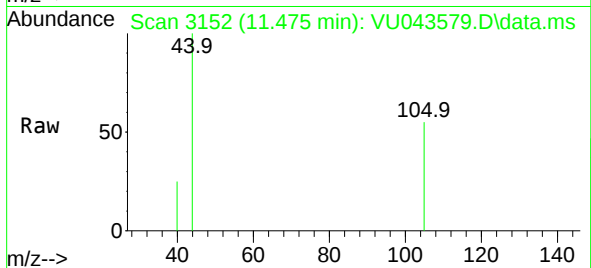




#85
 sec-Butylbenzene
 Concen: 1.36 ug/l
 RT: 11.475 min Scan# 3152
 Delta R.T. -0.177 min
 Lab File: VU043579.D
 Acq: 06 May 2021 13:41

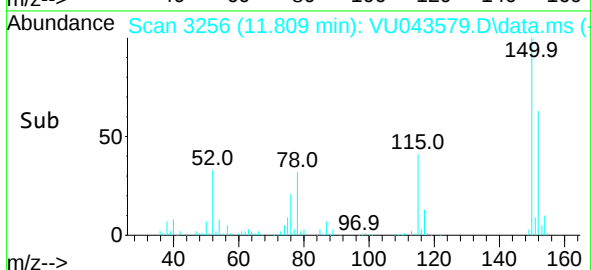
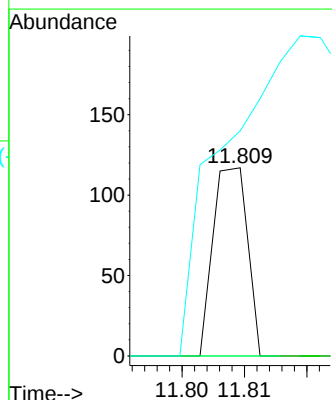
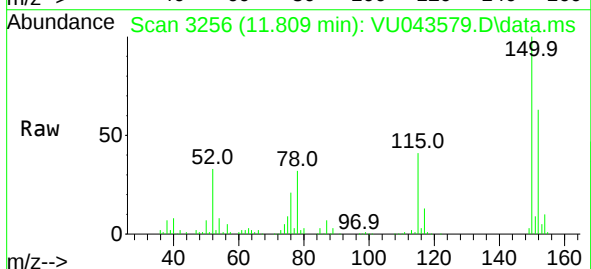
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-558-560

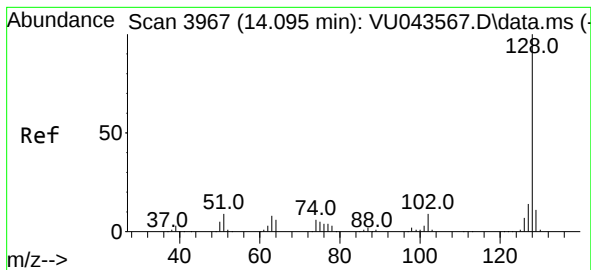
Tgt Ion:105 Resp: 144
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#



#86
 p-Isopropyltoluene
 Concen: 1.48 ug/l
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.010 min
 Lab File: VU043579.D
 Acq: 06 May 2021 13:41

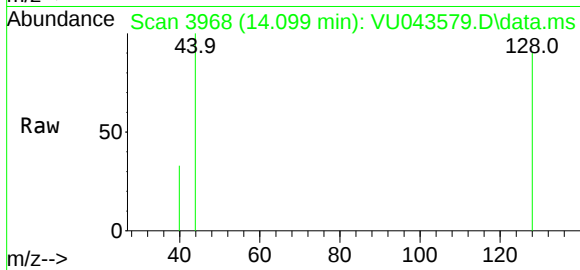
Tgt Ion:119 Resp: 45
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.7 38.0#
 91 680.0 13.3 39.9#





#95
Naphthalene
Concen: 1.60 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.004 min
Lab File: VU043579.D
Acq: 06 May 2021 13:41

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-558-560



Tgt Ion:128 Resp: 573
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

