

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043576.D
 Acq On : 06 May 2021 12:31
 Operator : SY/MD
 Sample : M2251-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-EB-20210429

Quant Time: May 07 02:03:20 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)

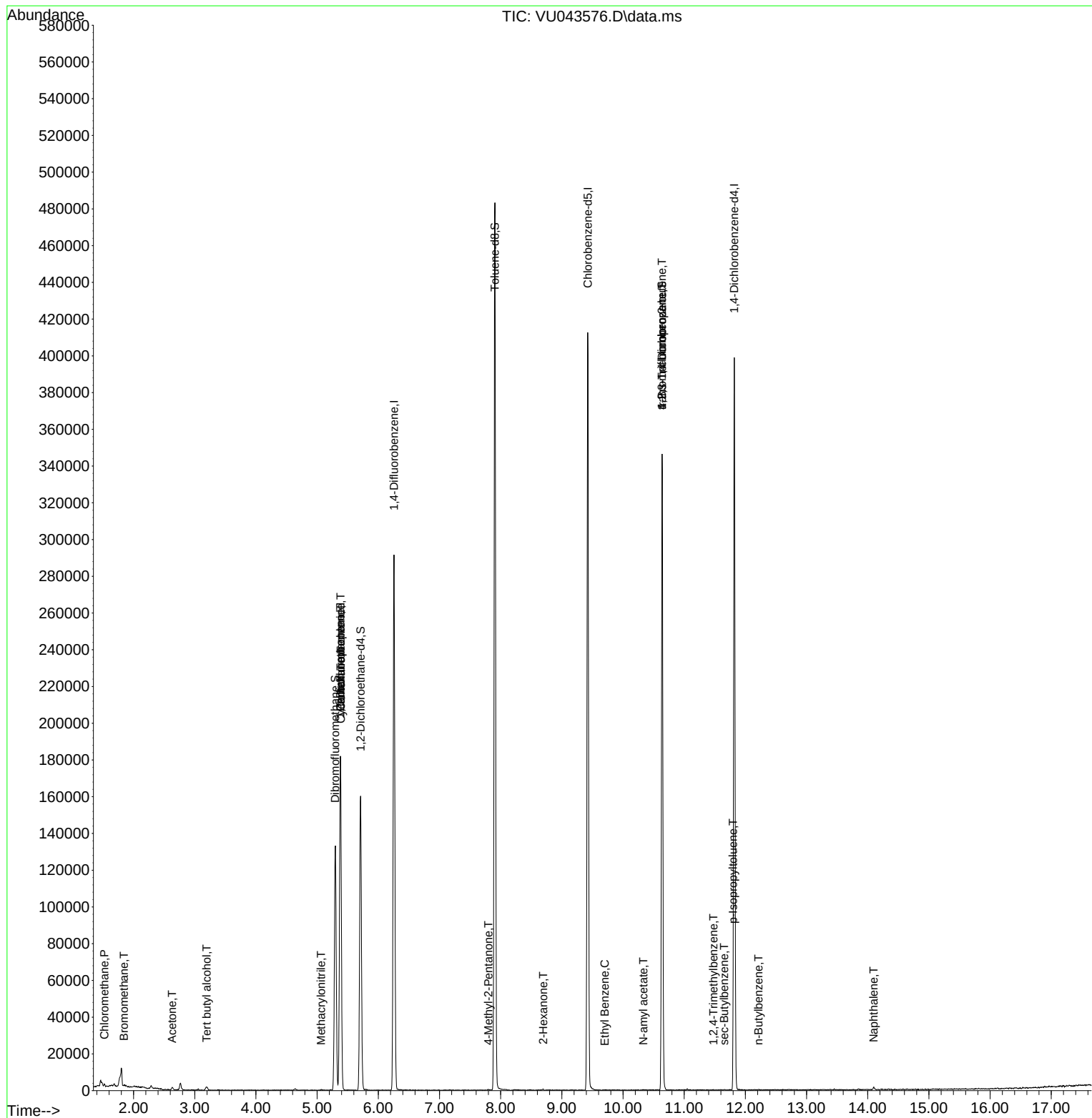
Internal Standards						
1) Pentafluorobenzene	5.382	168	117904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	210111	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	203565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	122166	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
35) Dibromofluoromethane	5.295	113	82617	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	7.906	98	289928	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	10.639	95	99902	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	975	0.77	ug/l	92
5) Bromomethane	1.842	94	235	0.22	ug/l #	4
11) Tert butyl alcohol	3.195	59	1512	2.36	ug/l #	73
16) Acetone	2.629	43	1733	1.31	ug/l	97
31) Cyclohexane	5.385	56	3436	1.21	ug/l #	10
36) 1,1-Dichloropropene	5.378	75	10765	4.51	ug/l #	51
38) Carbon Tetrachloride	5.382	117	12019	4.97	ug/l #	17
41) Methacrylonitrile	5.067	41	105	1.93	ug/l #	27
51) 4-Methyl-2-Pentanone	7.800	43	453	19.27	ug/l #	41
59) 2-Hexanone	8.697	43	458	20.82	ug/l	95
67) Ethyl Benzene	9.700	91	112	1.46	ug/l #	45
74) N-amyl acetate	10.330	43	164	2.55	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	59675	20.10	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	59675	65.47	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.478	105	39	1.12	ug/l #	33
85) sec-Butylbenzene	11.655	105	138	1.35	ug/l #	59
86) p-Isopropyltoluene	11.799	119	62	1.48	ug/l #	49
89) n-Butylbenzene	12.214	91	227	2.56	ug/l #	35
95) Naphthalene	14.098	128	1493	1.71	ug/l #	83

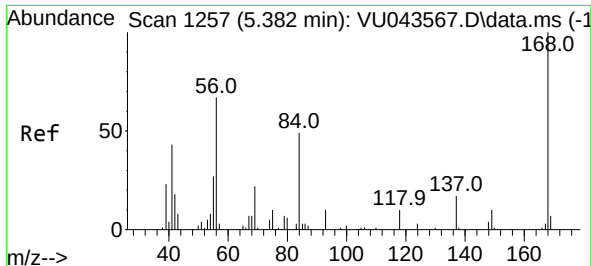
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

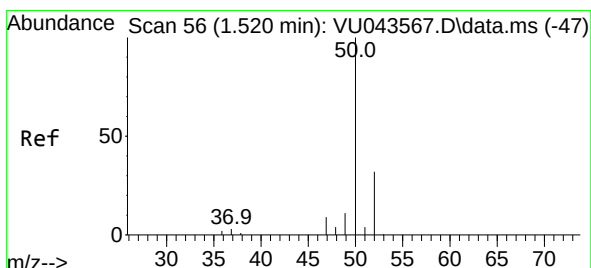
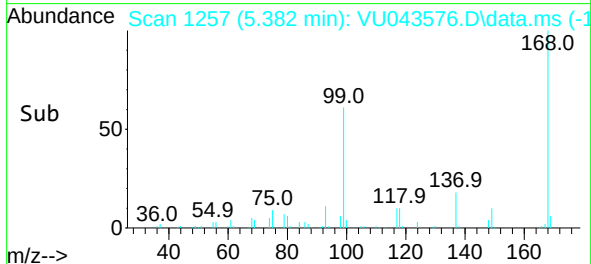
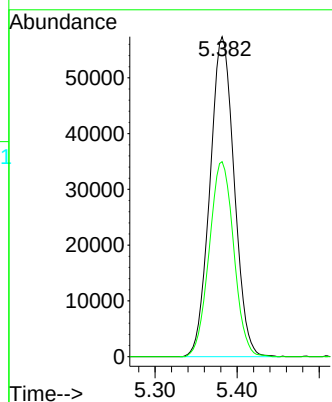
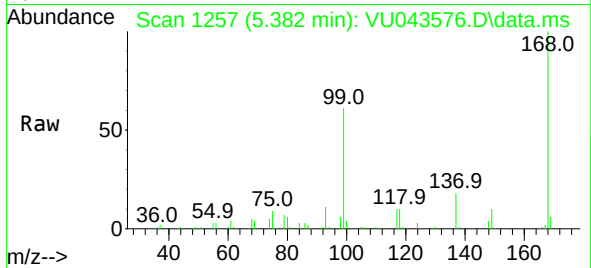




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

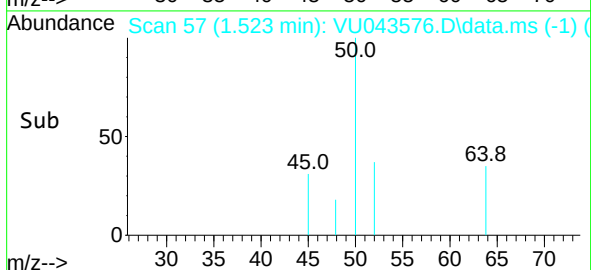
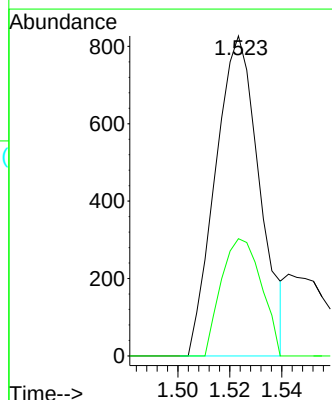
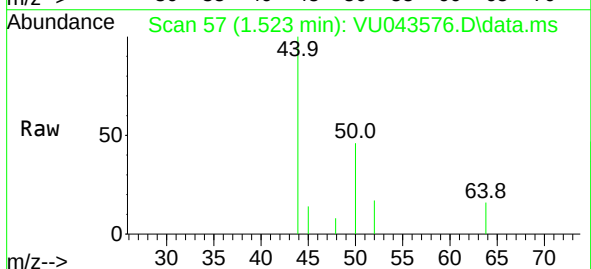
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429

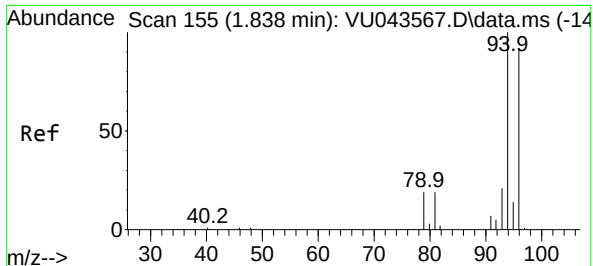
Tgt Ion:168 Resp: 117904
Ion Ratio Lower Upper
168 100
99 61.0 49.0 73.6



#3
Chloromethane
Concen: 0.77 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

Tgt Ion: 50 Resp: 975
Ion Ratio Lower Upper
50 100
52 36.6 25.9 38.9

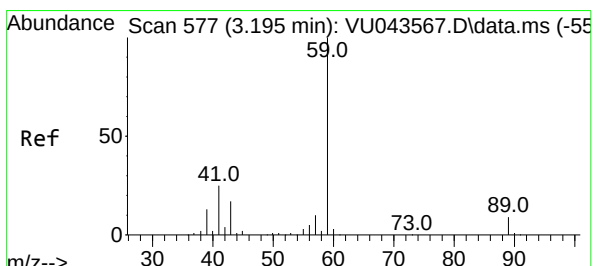
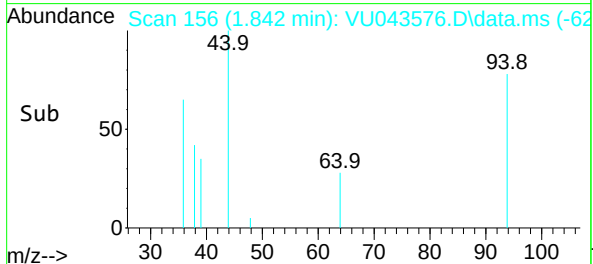
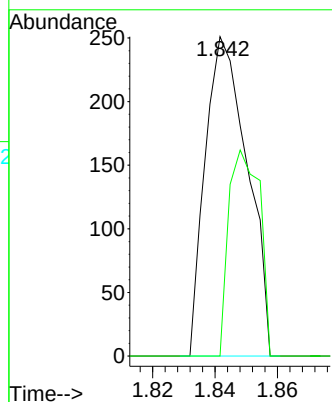
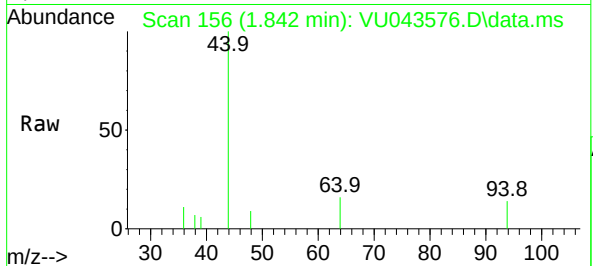




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.842 min Scan# 156
Delta R.T. 0.003 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

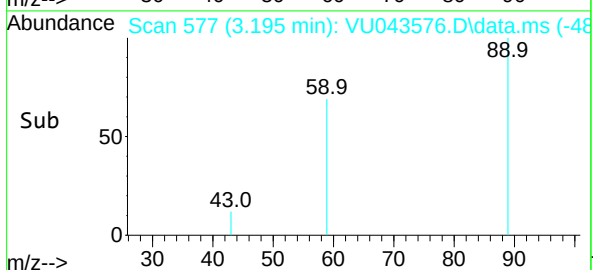
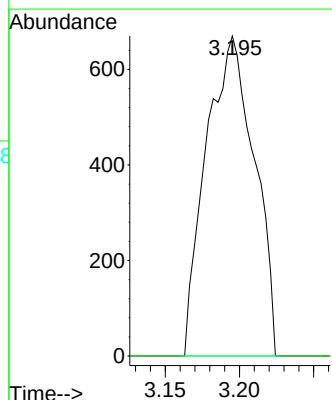
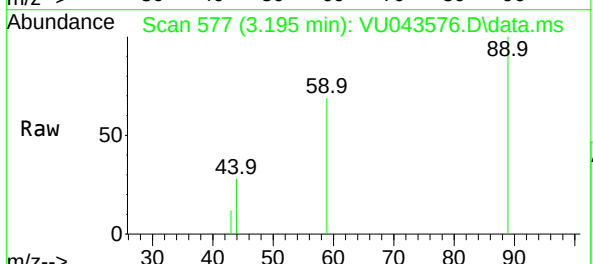
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429

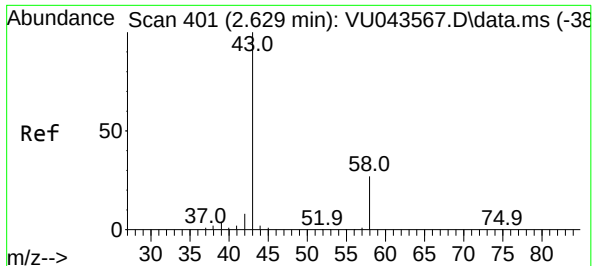
Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 0.0 73.3 109.9#



#11
Tert butyl alcohol
Concen: 2.36 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.000 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

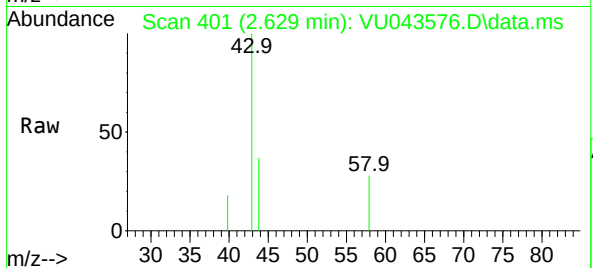
Tgt Ion: 59 Resp: 1512
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



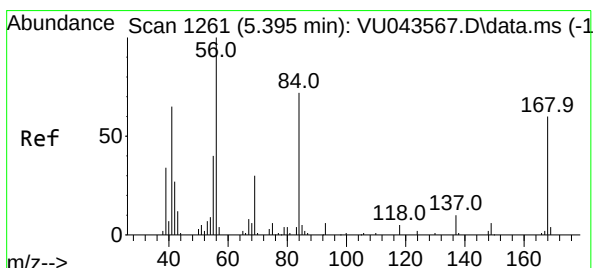
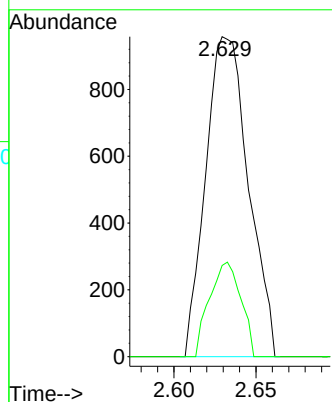
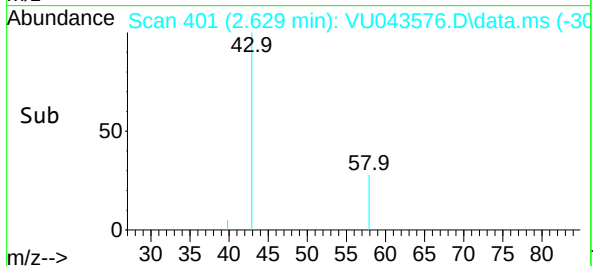


#16
Acetone
Concen: 1.31 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

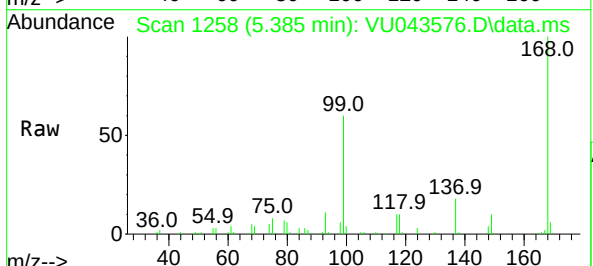
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429



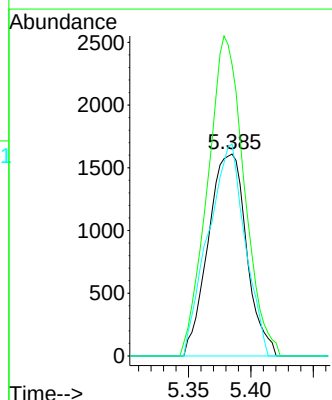
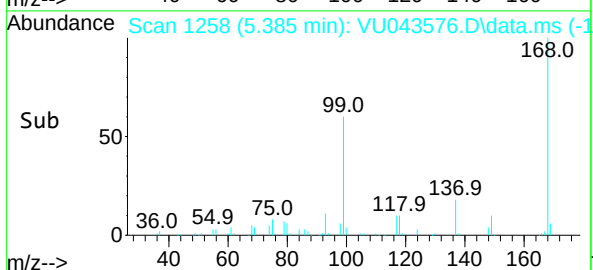
Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
58 28.5 21.7 32.5

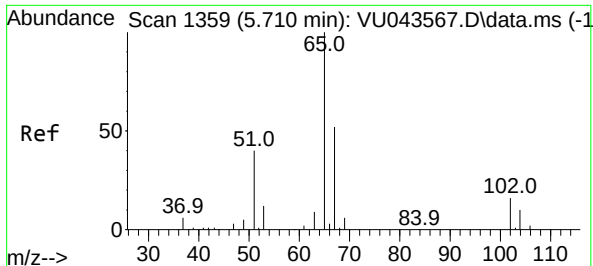


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31



Tgt Ion: 56 Resp: 3436
Ion Ratio Lower Upper
56 100
69 144.4 23.9 35.9#
84 105.0 57.7 86.5#





#33

1,2-Dichloroethane-d4

Concen: 51.18 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043576.D

Acq: 06 May 2021 12:31

Tgt Ion: 65 Resp: 122166

Ion Ratio Lower Upper

65 100

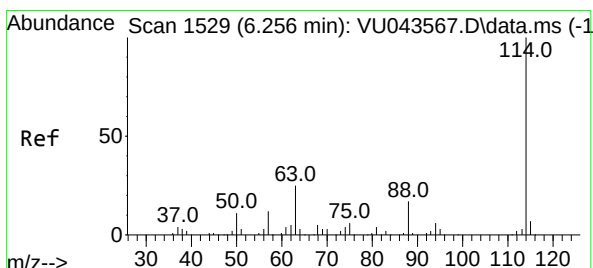
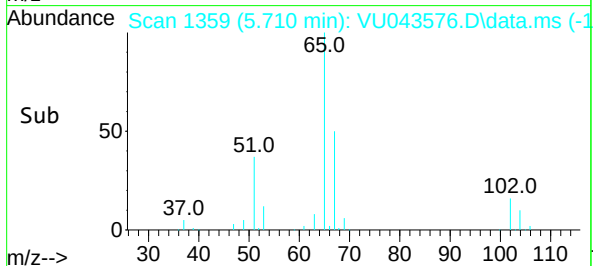
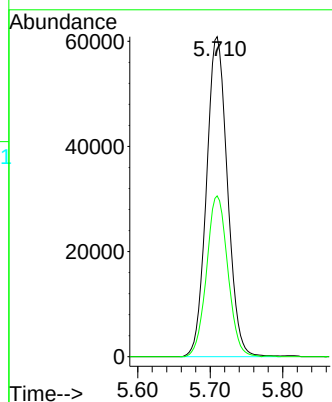
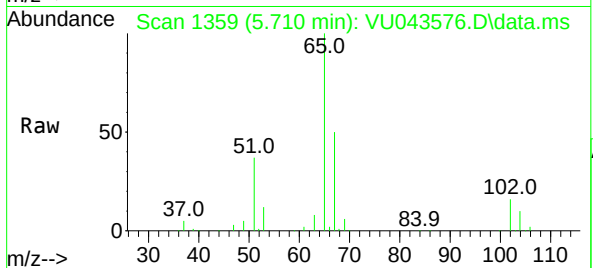
67 50.9 0.0 104.6

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-EB-20210429



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.000 min

Lab File: VU043576.D

Acq: 06 May 2021 12:31

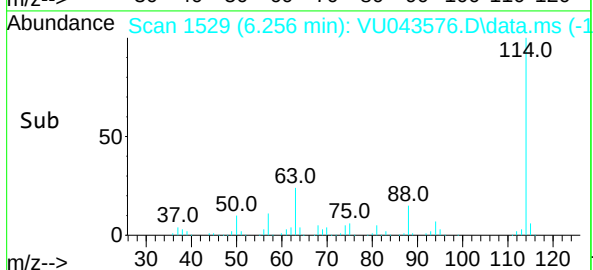
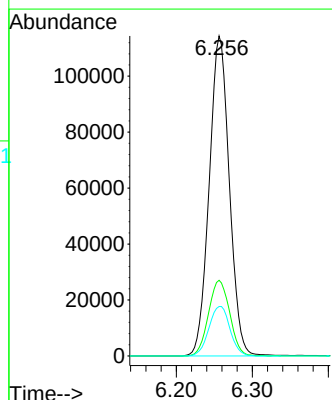
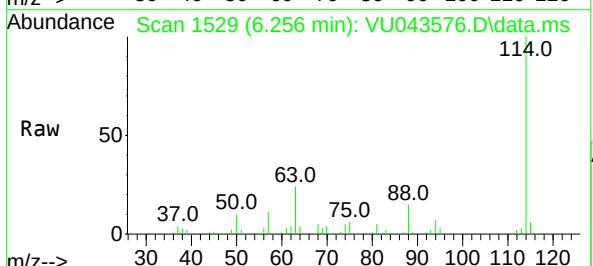
Tgt Ion: 114 Resp: 210111

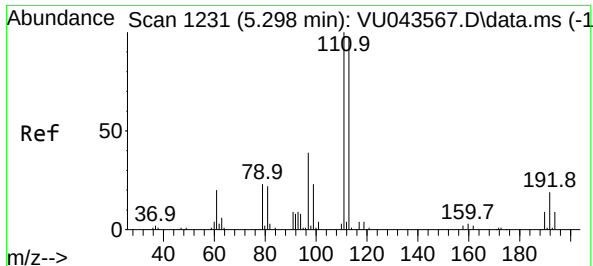
Ion Ratio Lower Upper

114 100

63 23.7 0.0 50.2

88 15.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.30 ug/l

RT: 5.295 min Scan# 1230

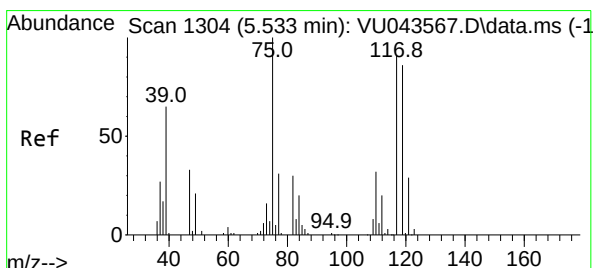
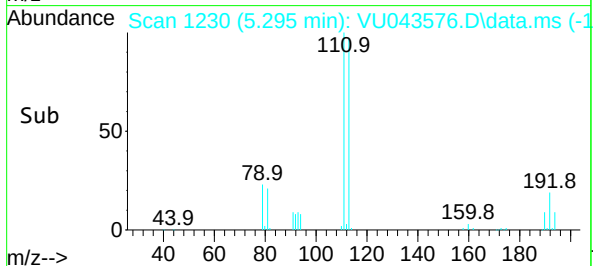
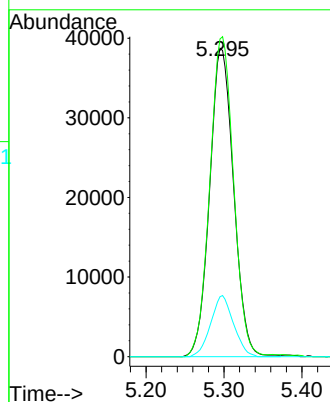
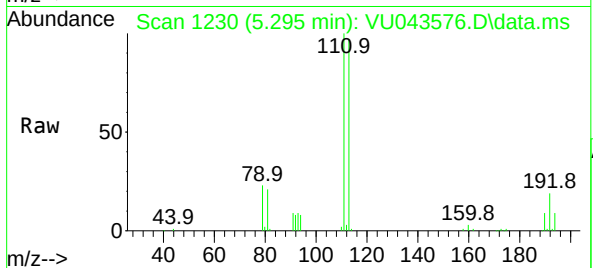
Delta R.T. -0.003 min

Lab File: VU043576.D

Acq: 06 May 2021 12:31

Tgt Ion:	113	Resp:	82617
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	18.9	15.8	23.6

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ClientSampleId :
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#36

1,1-Dichloropropene

Concen: 4.51 ug/l

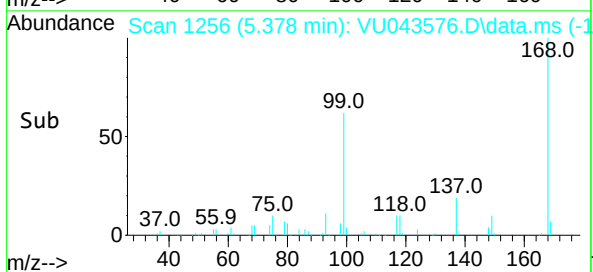
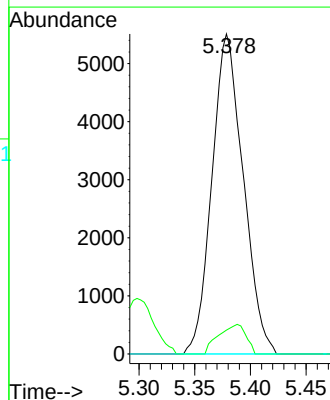
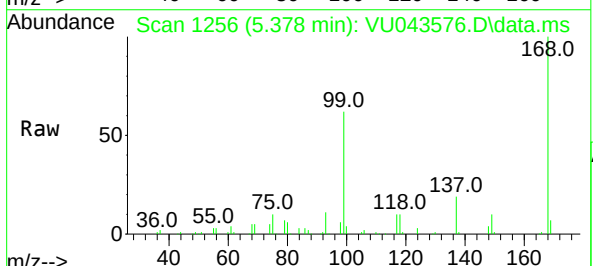
RT: 5.378 min Scan# 1256

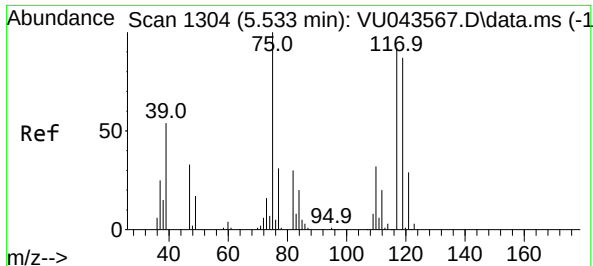
Delta R.T. -0.154 min

Lab File: VU043576.D

Acq: 06 May 2021 12:31

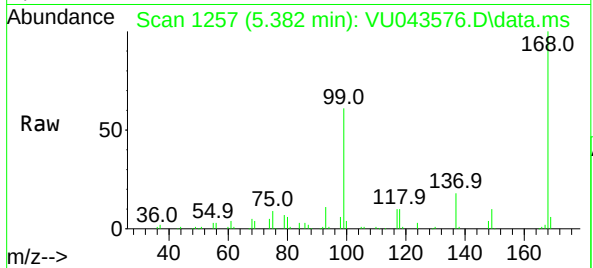
Tgt Ion:	75	Resp:	10765
Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.2	48.5#
77	0.0	24.4	36.6#



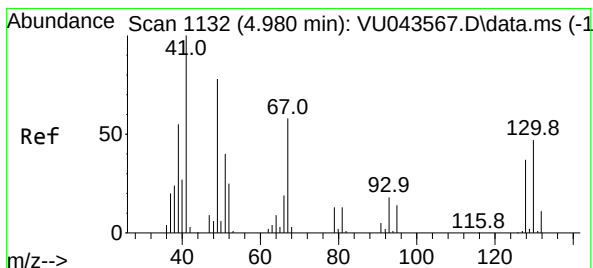
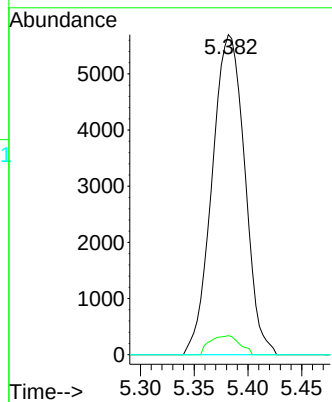
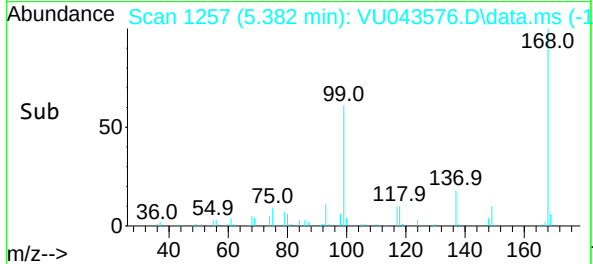


#38
Carbon Tetrachloride
Concen: 4.97 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

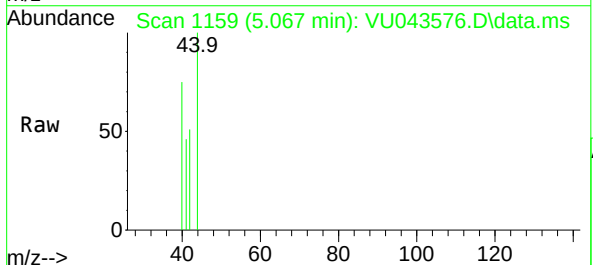
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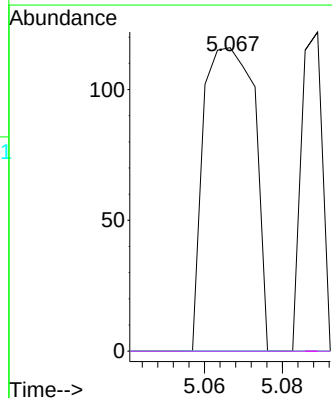
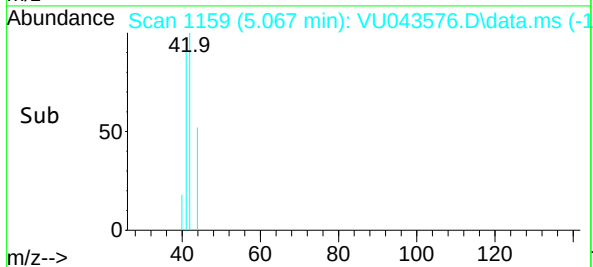
Tgt Ion: 117 Resp: 12019
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.0#
121 0.0 25.2 37.8#

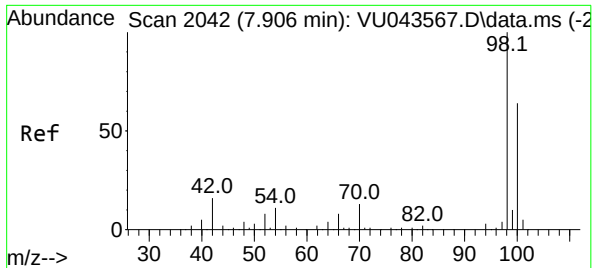


#41
Methacrylonitrile
Concen: 1.93 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.087 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31



Tgt Ion: 41 Resp: 105
Ion Ratio Lower Upper
41 100
39 0.0 45.8 68.6#
67 0.0 46.5 69.7#
52 0.0 22.1 33.1#

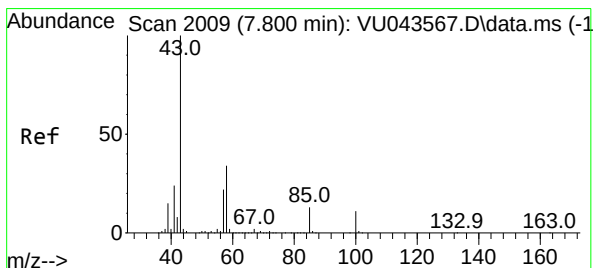
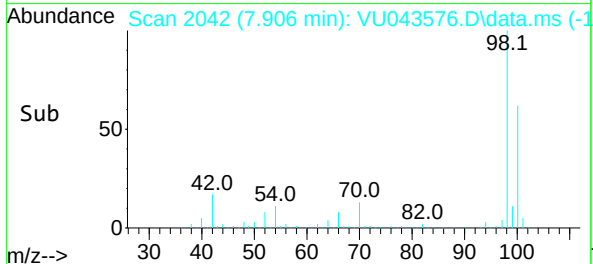
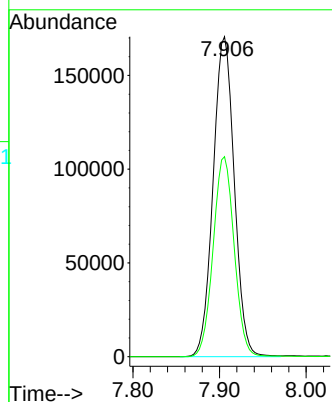
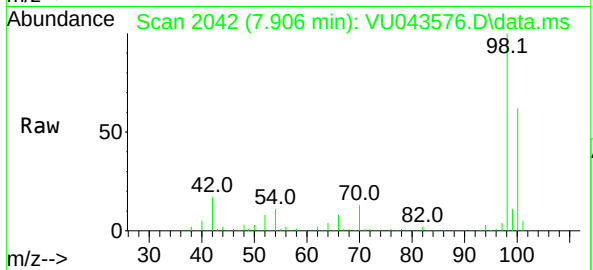




#50
Toluene-d8
Concen: 48.80 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

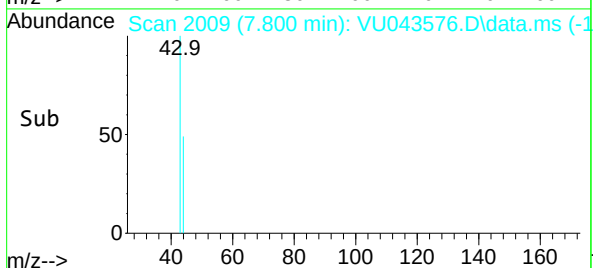
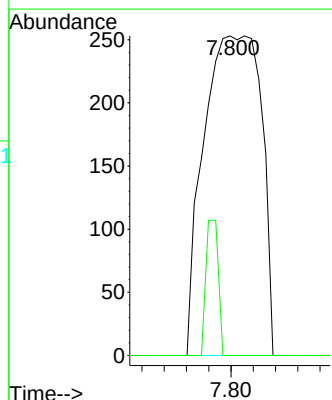
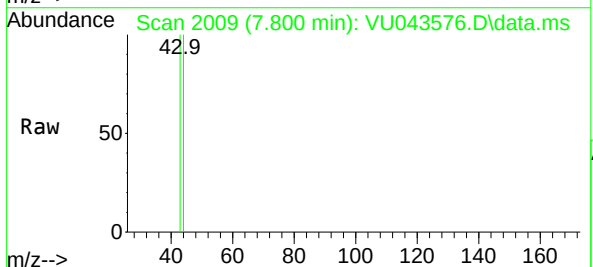
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429

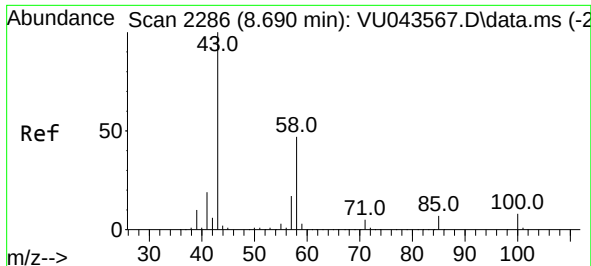
Tgt Ion: 98 Resp: 289928
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.27 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#

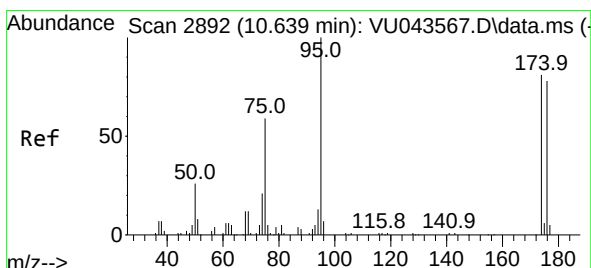
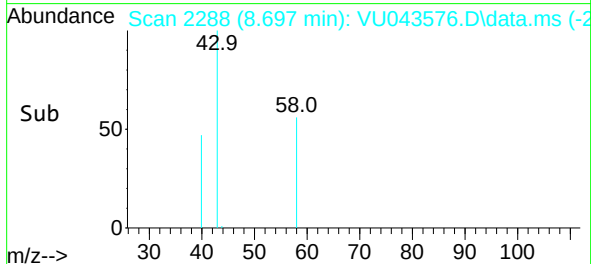
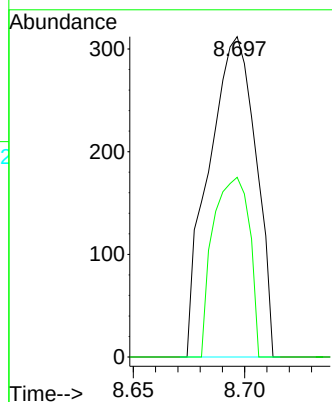
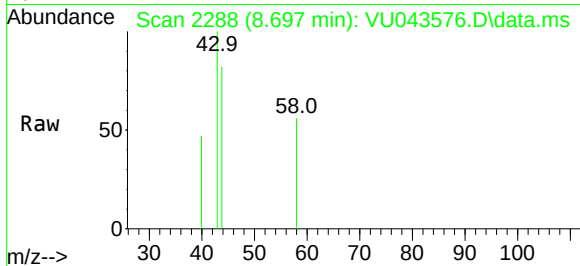




#59
2-Hexanone
Concen: 20.82 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.007 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

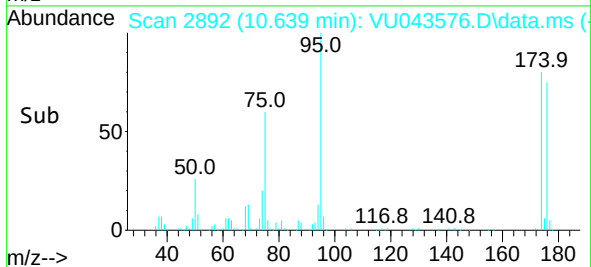
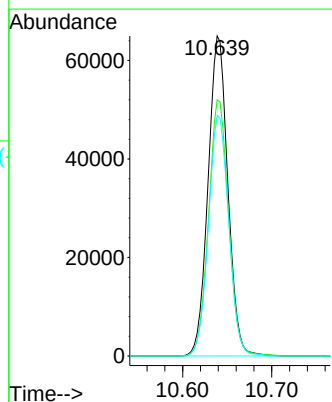
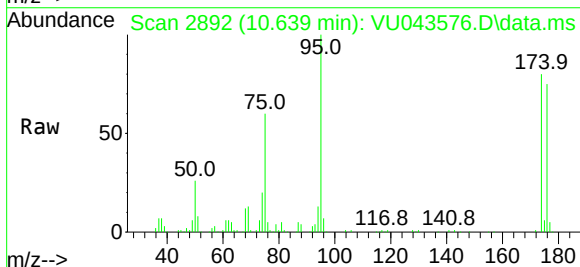
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429

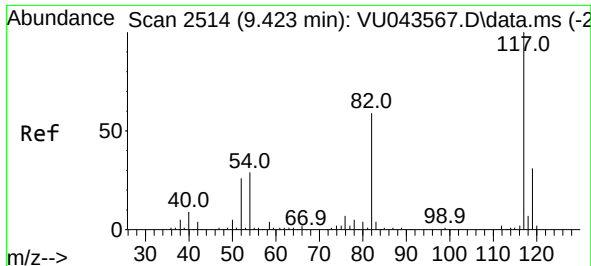
Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 43.2 23.4 70.2



#62
4-Bromofluorobenzene
Concen: 44.20 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

Tgt Ion: 95 Resp: 99902
Ion Ratio Lower Upper
95 100
174 81.4 0.0 158.8
176 77.1 0.0 155.6

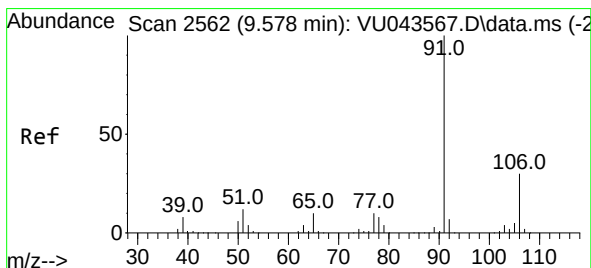
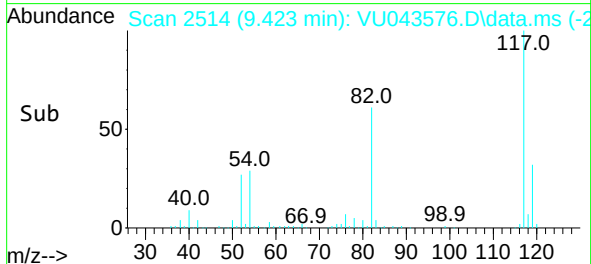
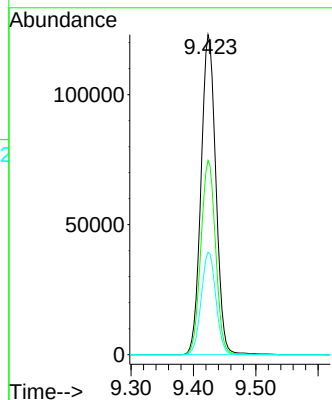
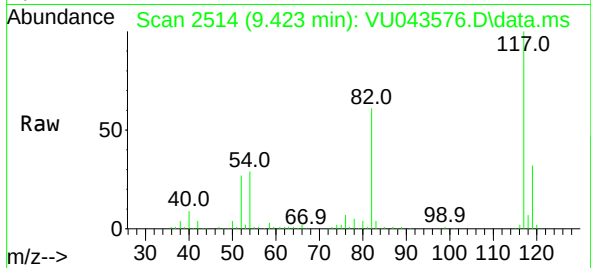




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

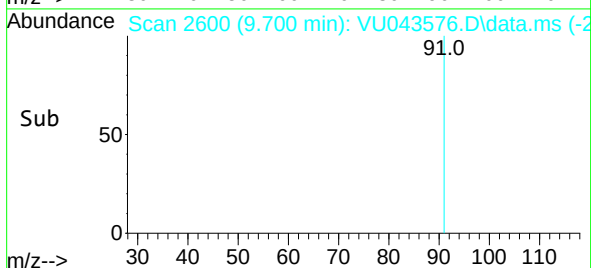
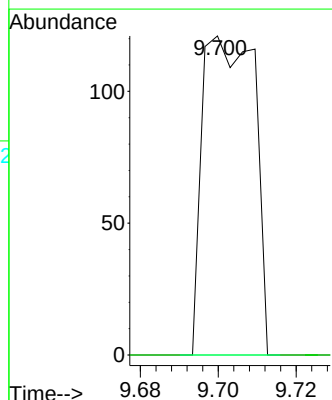
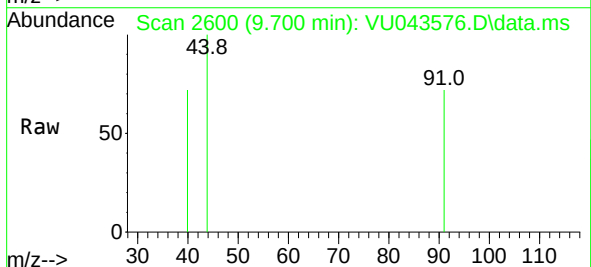
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429

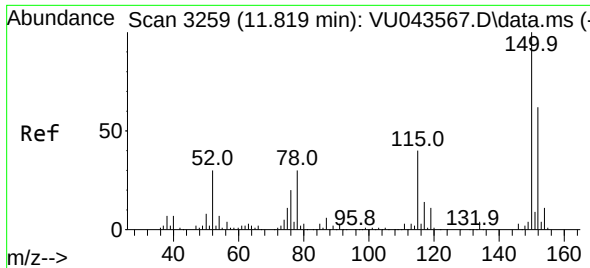
Tgt Ion:117 Resp: 203565
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 32.0 24.7 37.1



#67
Ethyl Benzene
Concen: 1.46 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.122 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

Tgt Ion: 91 Resp: 112
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

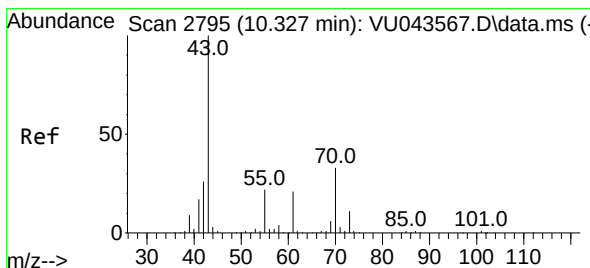
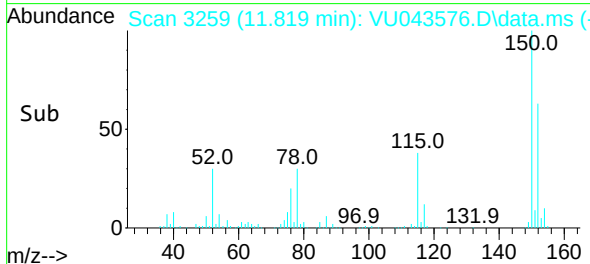
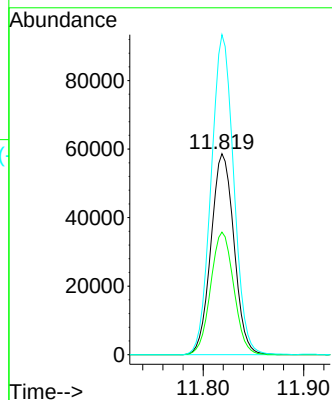
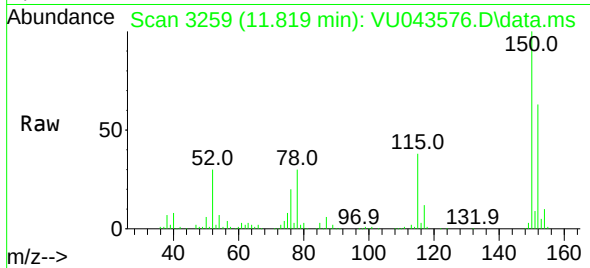




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

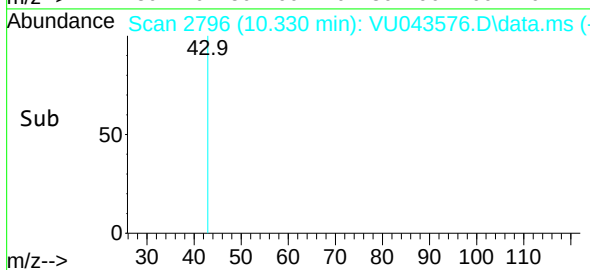
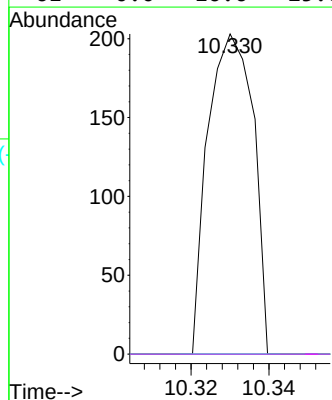
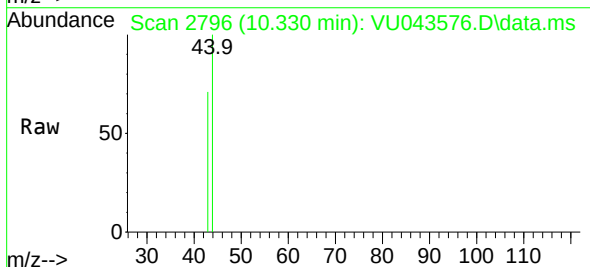
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429

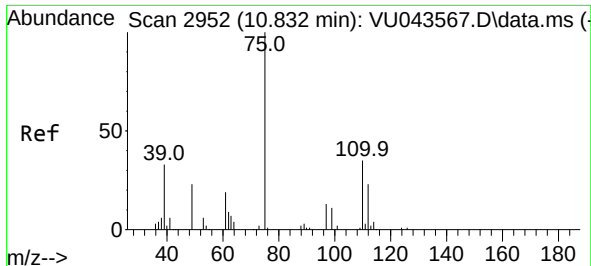
Tgt Ion:152 Resp: 93353
Ion Ratio Lower Upper
152 100
115 61.3 46.1 138.3
150 156.5 0.0 361.0



#74
N-ethyl acetate
Concen: 2.55 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. 0.003 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

Tgt Ion: 43 Resp: 164
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#

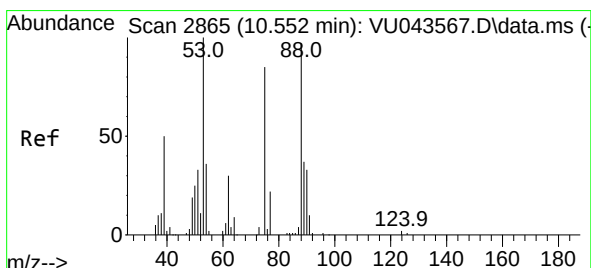
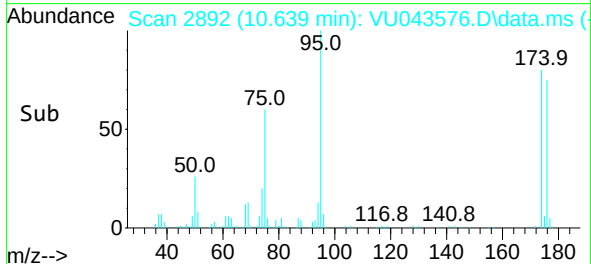
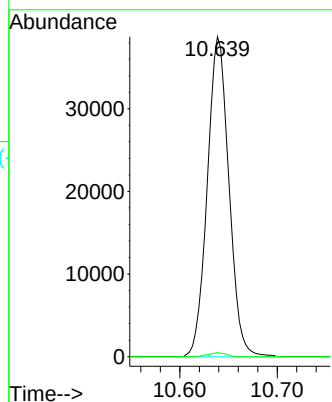
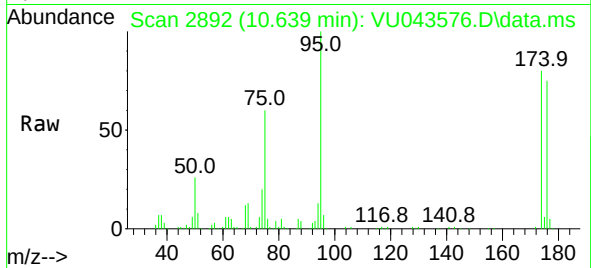




#76
1,2,3-Trichloropropane
Concen: 20.10 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

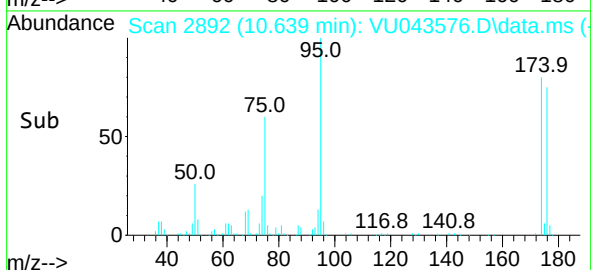
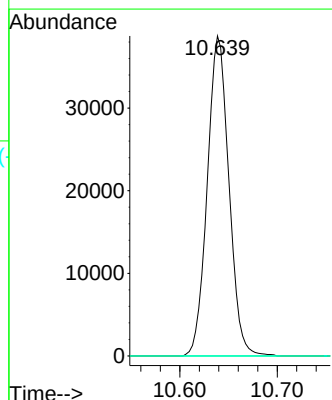
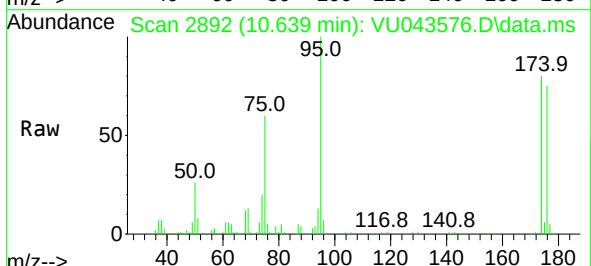
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429

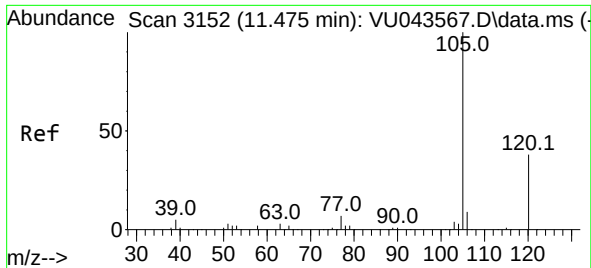
Tgt Ion: 75 Resp: 59675
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.47 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

Tgt Ion: 75 Resp: 59675
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

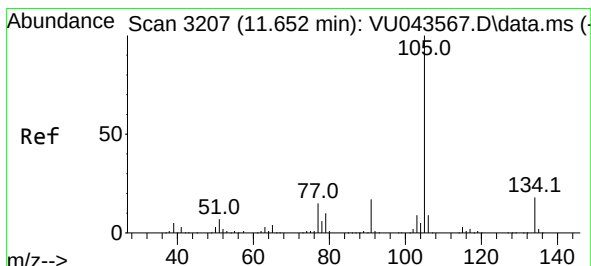
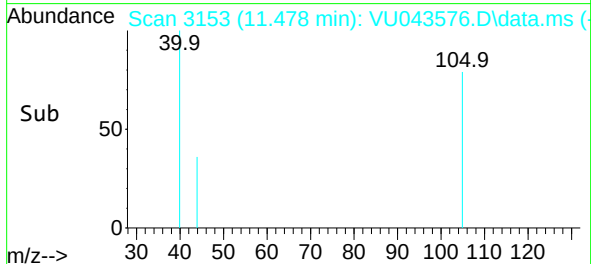
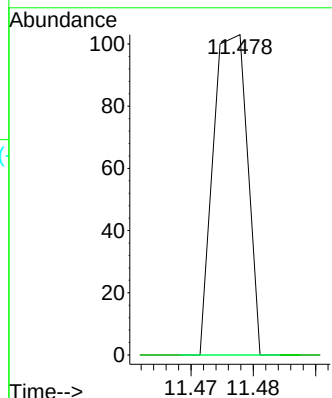
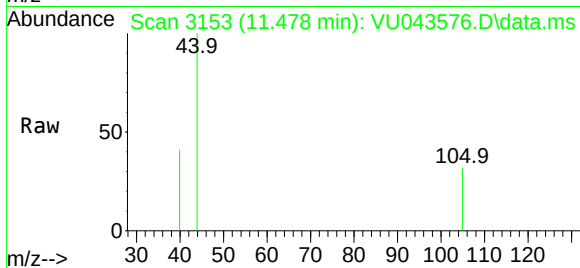




#84
1,2,4-Trimethylbenzene
Concen: 1.12 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

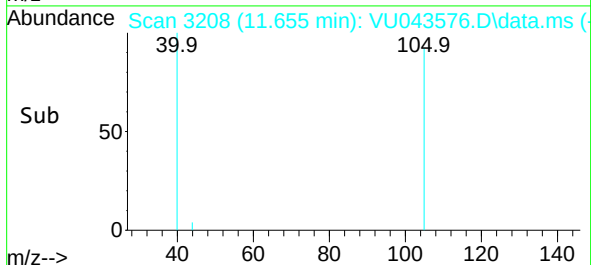
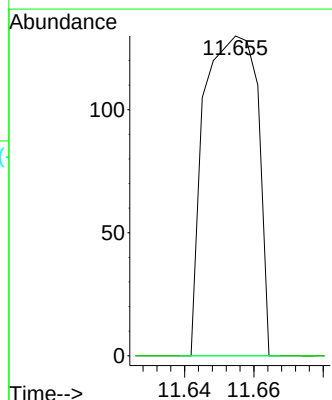
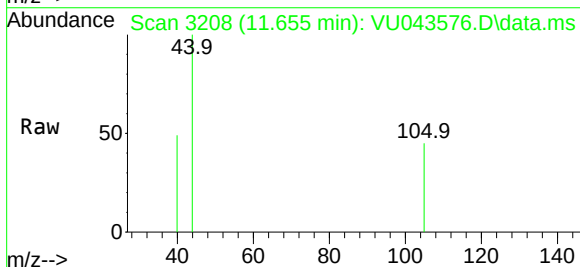
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429

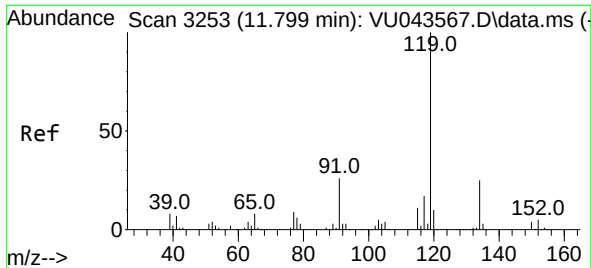
Tgt Ion:105 Resp: 39
Ion Ratio Lower Upper
105 100
120 0.0 21.4 64.2#



#85
sec-Butylbenzene
Concen: 1.35 ug/l
RT: 11.655 min Scan# 3208
Delta R.T. 0.003 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

Tgt Ion:105 Resp: 138
Ion Ratio Lower Upper
105 100
134 0.0 9.2 27.6#

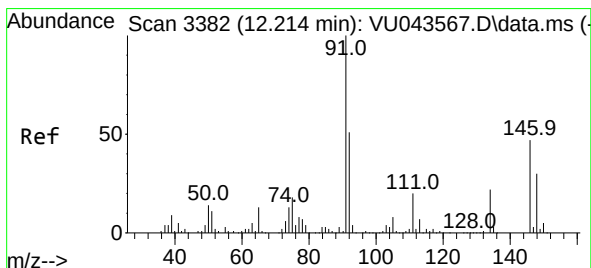
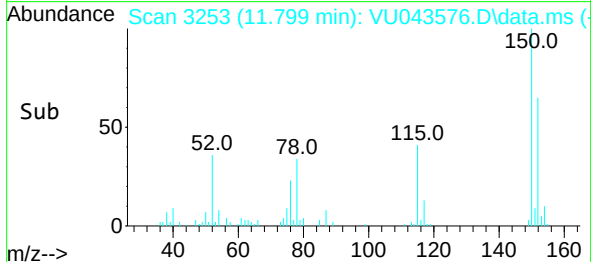
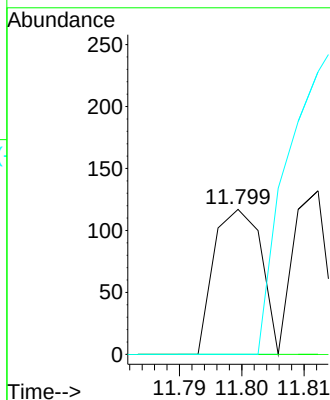
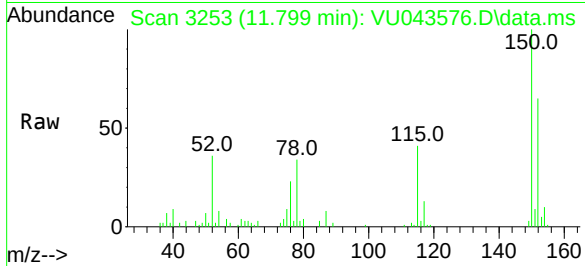




#86
p-Isopropyltoluene
Concen: 1.48 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.000 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

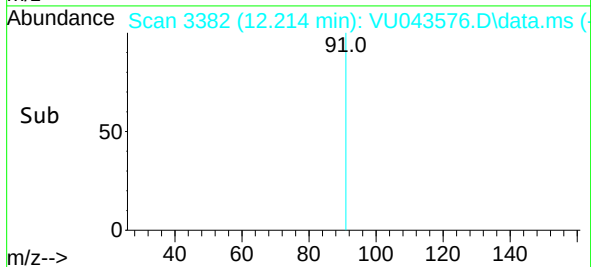
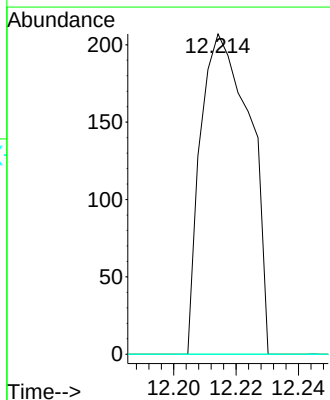
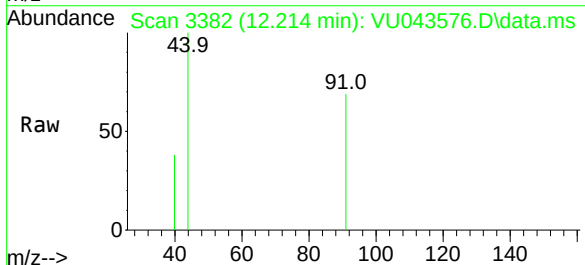
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429

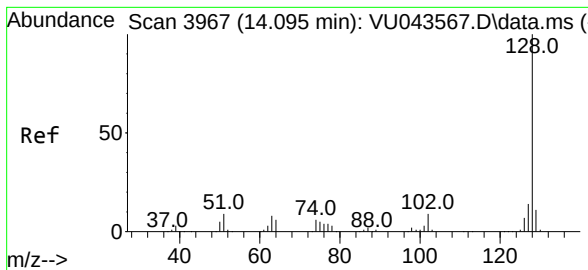
Tgt Ion:	119	Resp:	62
Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.7	38.0#
91	0.0	13.3	39.9#



#89
n-Butylbenzene
Concen: 2.56 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

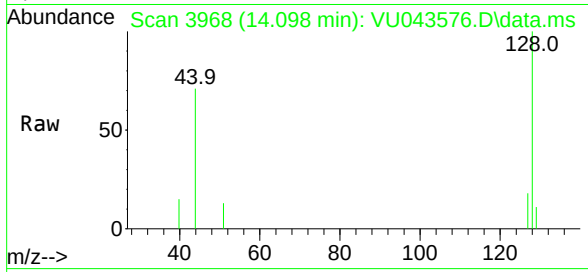
Tgt Ion:	91	Resp:	227
Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.4	76.2#
134	0.0	11.3	33.9#





#95
Naphthalene
Concen: 1.71 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU043576.D
Acq: 06 May 2021 12:31

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-EB-20210429



Tgt Ion:	128	Resp:	1493
Ion	Ratio	Lower	Upper
128	100		
127	7.2	10.7	16.1#
129	4.0	8.6	12.8#

