

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090121\
 Data File : VW022061.D
 Acq On : 01 Sep 2021 12:47
 Operator : SY/MD
 Sample : M3608-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 05:37:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 02 05:24:11 2021
 Response via : Initial Calibration

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

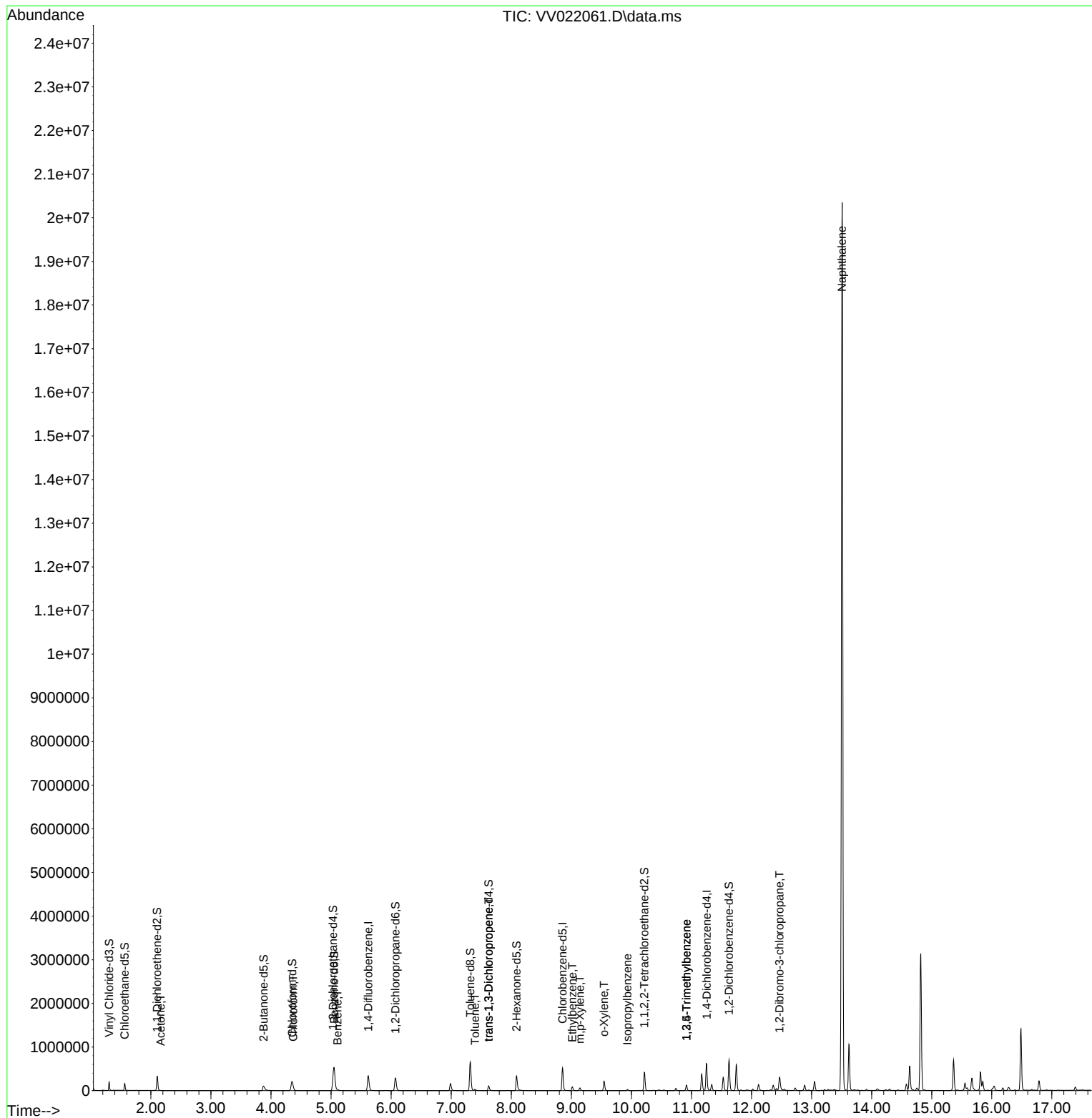
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	313403	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	304125	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	168483	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	129201	59.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 119.06%			
7) Chloroethane-d5	1.564	69	100694	59.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 118.82%			
11) 1,1-Dichloroethene-d2	2.105	63	167333	46.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.24%			
21) 2-Butanone-d5	3.876	46	172300	115.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.76%			
24) Chloroform-d	4.352	84	225057	56.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.74%			
26) 1,2-Dichloroethane-d4	5.034	65	138102	59.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.50%			
32) Benzene-d6	5.053	84	477735	57.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.82%			
36) 1,2-Dichloropropane-d6	6.072	67	148148	57.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.22%			
41) Toluene-d8	7.317	98	443669	56.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.96%			
43) trans-1,3-Dichloroprop...	7.625	79	65601	53.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.26%			
47) 2-Hexanone-d5	8.088	63	124746	125.33	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 125.33%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	201624	60.69	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 121.38%#			
66) 1,2-Dichlorobenzene-d4	11.625	152	189320	57.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.32%			
Target Compounds					Qvalue	
13) Acetone	2.162	43	2962	2.38	ug/L #	77
25) Chloroform	4.371	83	2197	0.53	ug/L #	66
33) Benzene	5.108	78	19124	2.16	ug/L	100
42) Toluene	7.397	91	23869	2.50	ug/L	97
44) trans-1,3-Dichloropropene	7.625	75	2868	0.87	ug/L	97
52) Ethylbenzene	9.017	91	63340	6.13	ug/L	98
53) m,p-Xylene	9.143	106	19173	4.77	ug/L	94
54) o-Xylene	9.545	106	58698	14.76	ug/L	100
60) Isopropylbenzene	9.934	105	17886	1.69	ug/L	99
62) 1,3,5-Trimethylbenzene	10.918	105	69741	7.85	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	69741	7.72	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.467	75	5713	8.12	ug/L #	1
71) Naphthalene	13.506	128	15164141	1490.97	ug/L #	94

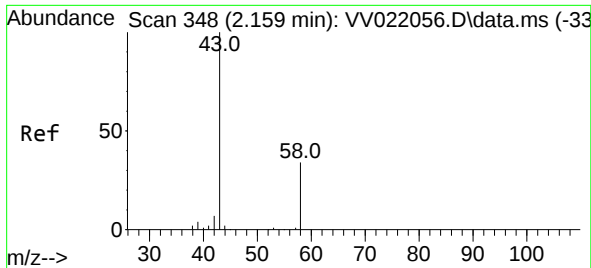
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 02 05:24:11 2021
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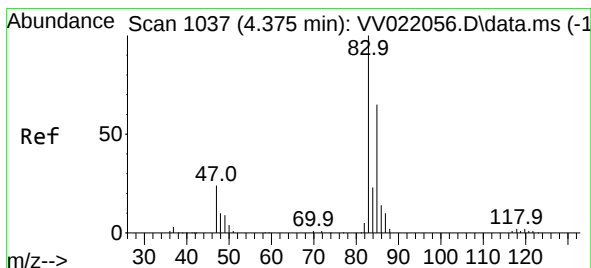
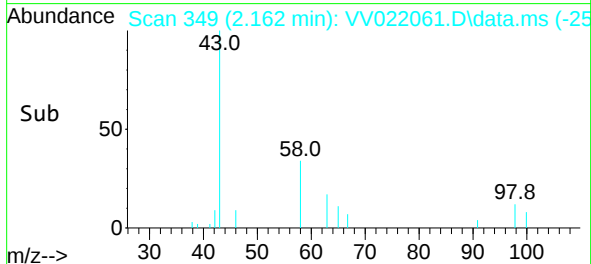
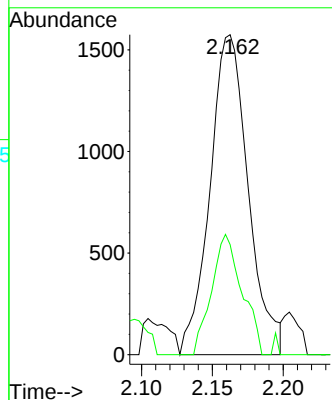
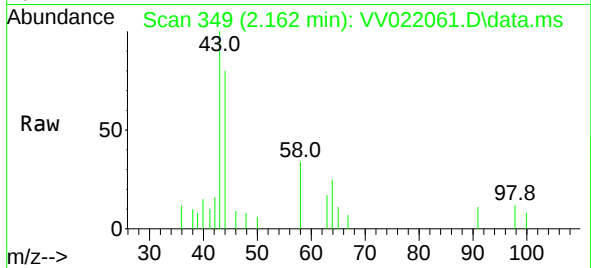




#13
Acetone
Concen: 2.38 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

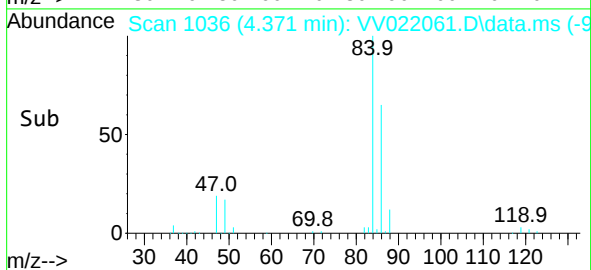
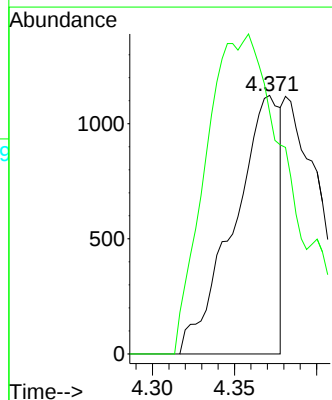
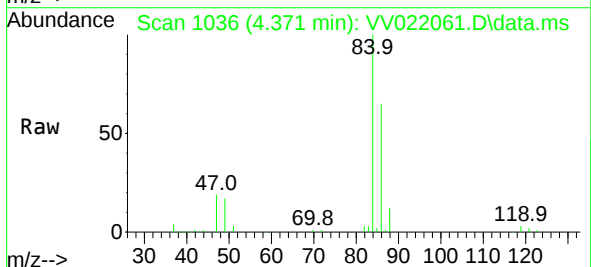
Instrument :
MSVOA_V
ClientSampled :

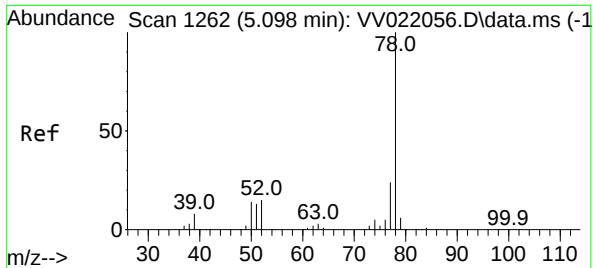
Tgt Ion: 43 Resp: 2962
Ion Ratio Lower Upper
43 100
58 29.9 0.0 0.4#



#25
Chloroform
Concen: 0.53 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion: 83 Resp: 2197
Ion Ratio Lower Upper
83 100
85 93.5 46.3 85.9#

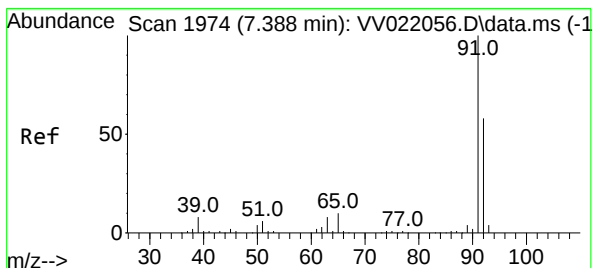
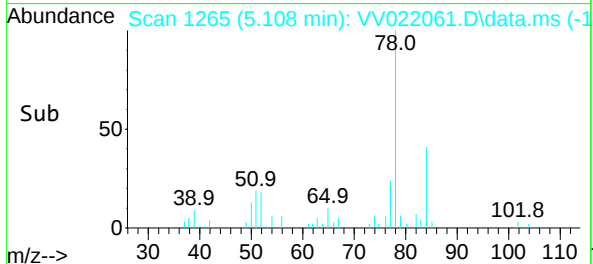
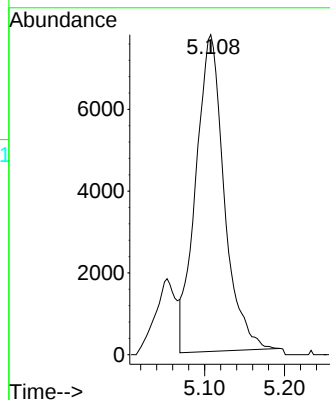
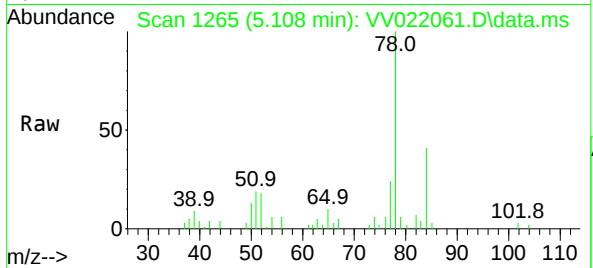




#33
Benzene
Concen: 2.16 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.009 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

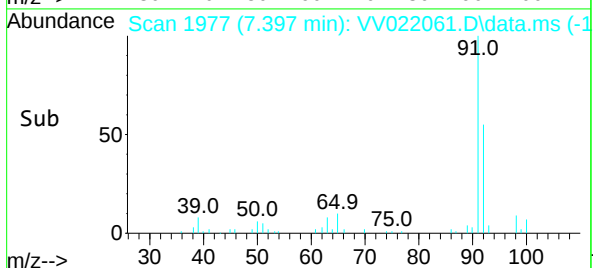
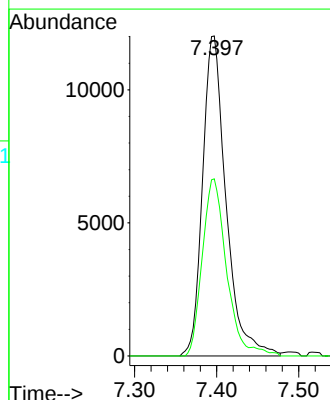
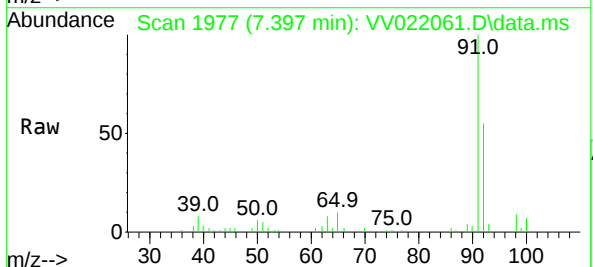
Instrument :
MSVOA_V
ClientSampled :

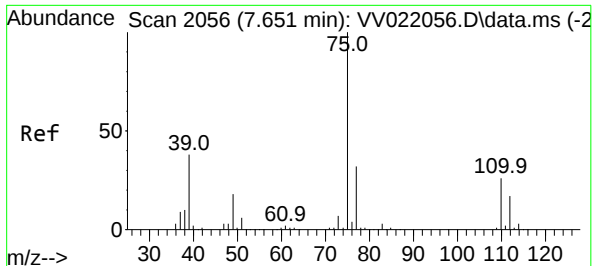
Tgt Ion: 78 Resp: 19124



#42
Toluene
Concen: 2.50 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.009 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion: 91 Resp: 23869
Ion Ratio Lower Upper
91 100
92 55.4 40.3 74.8

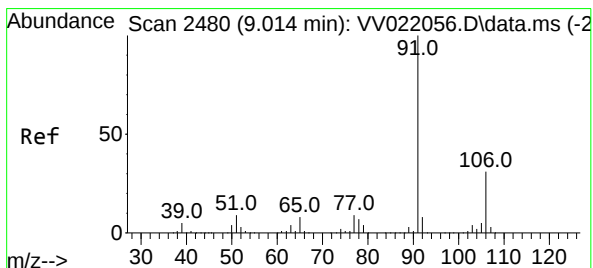
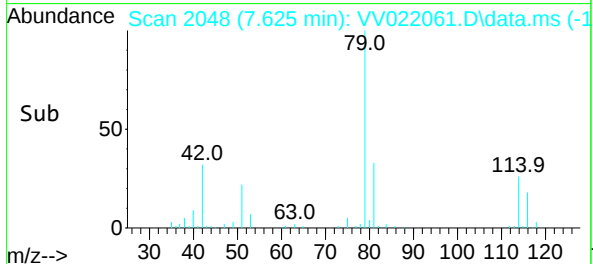
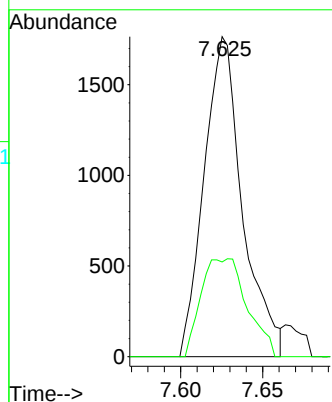
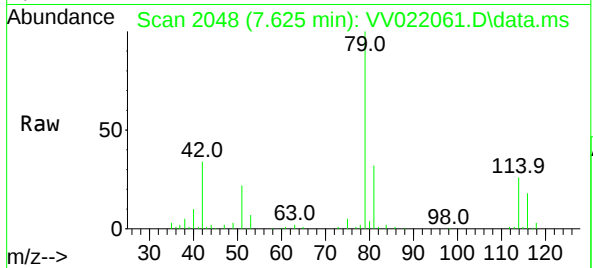




#44
trans-1,3-Dichloropropene
Concen: 0.87 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

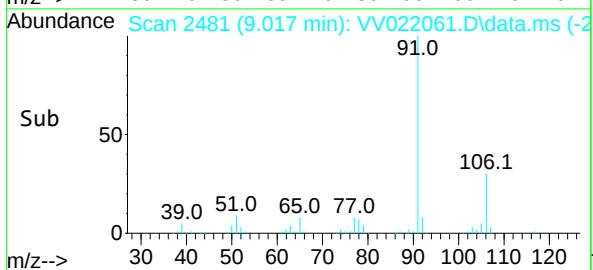
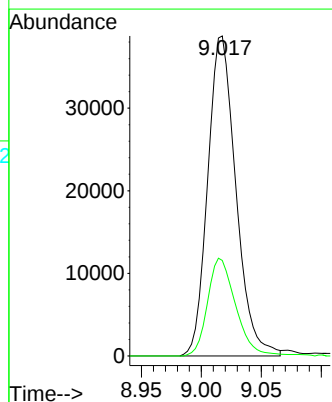
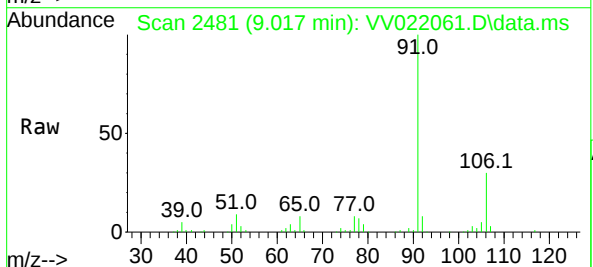
Instrument :
MSVOA_V
ClientSampled :

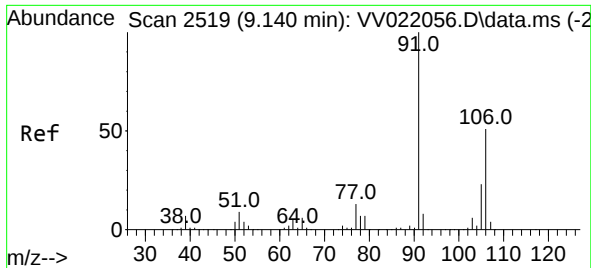
Tgt Ion: 75 Resp: 2868
Ion Ratio Lower Upper
75 100
77 29.6 21.8 40.6



#52
Ethylbenzene
Concen: 6.13 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion: 91 Resp: 63340
Ion Ratio Lower Upper
91 100
106 29.9 21.7 40.3

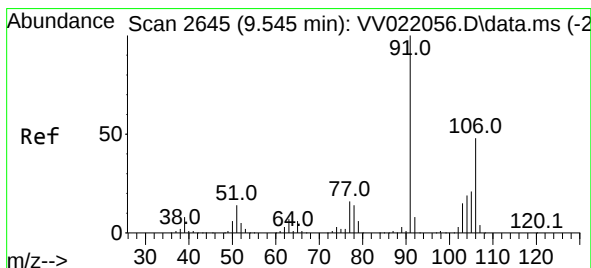
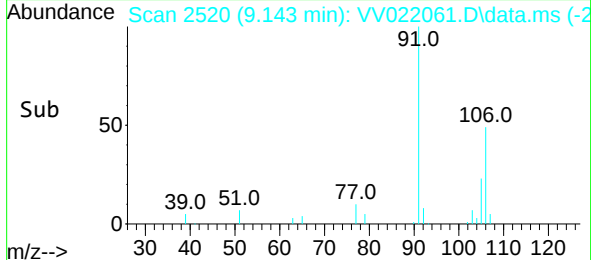
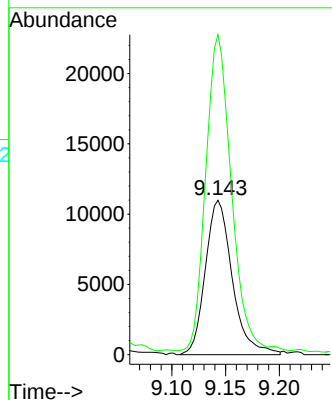
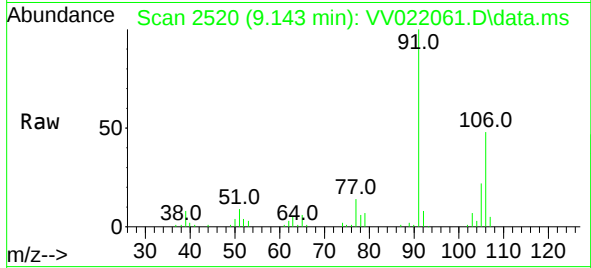




#53
m,p-Xylene
Concen: 4.77 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

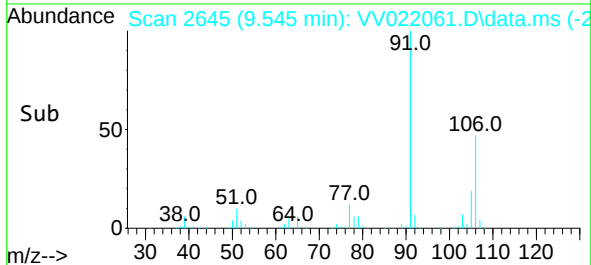
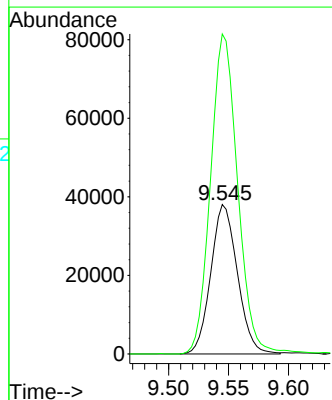
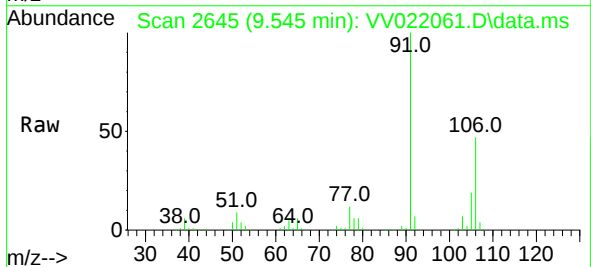
Instrument :
MSVOA_V
ClientSampled :

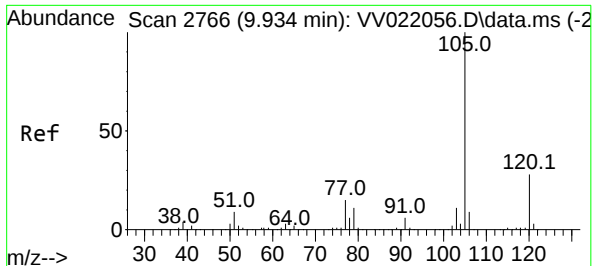
Tgt Ion:106 Resp: 19173
Ion Ratio Lower Upper
106 100
91 207.2 139.1 258.3



#54
o-Xylene
Concen: 14.76 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion:106 Resp: 58698
Ion Ratio Lower Upper
106 100
91 214.2 150.1 278.9

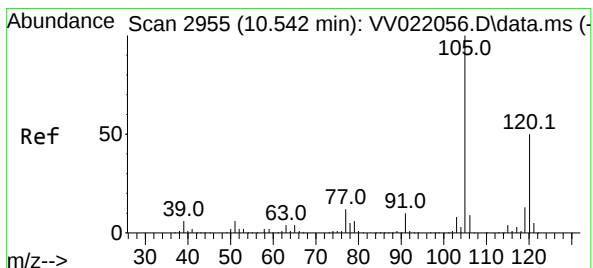
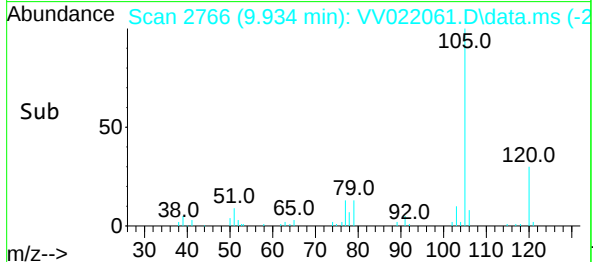
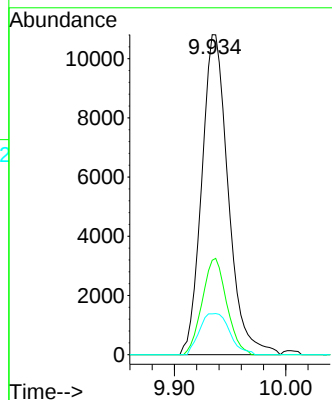
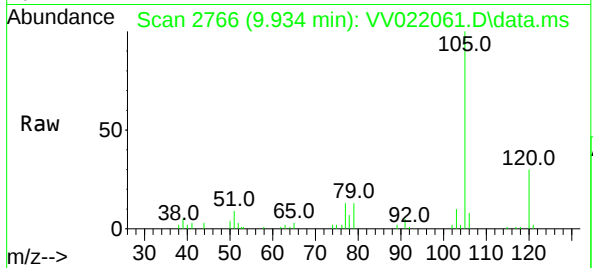




#60
Isopropylbenzene
Concen: 1.69 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

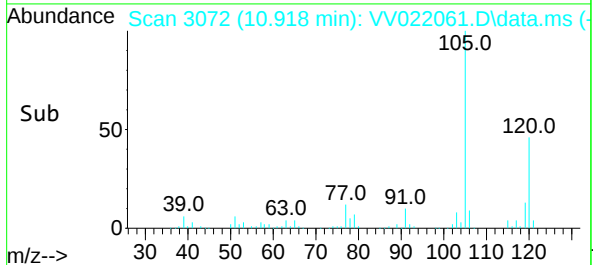
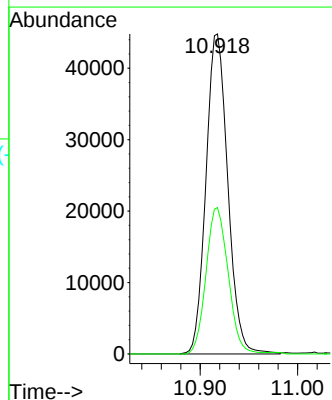
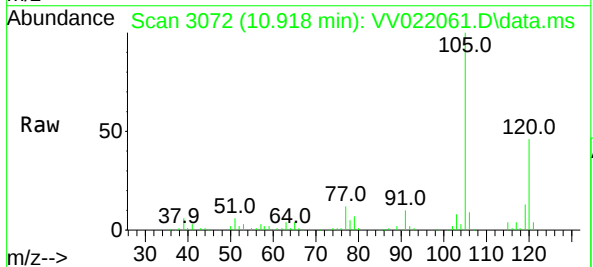
Instrument :
MSVOA_V
ClientSampled :

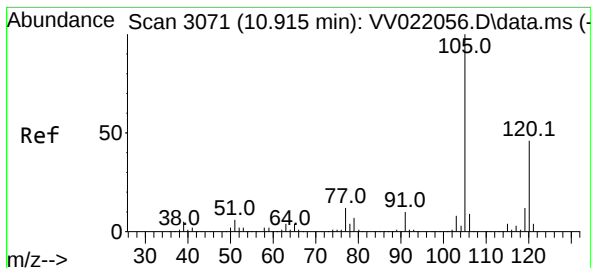
Tgt Ion:	105	Resp:	17886
Ion Ratio	Lower	Upper	
105	100		
120	27.8	21.5	32.3
77	14.6	11.8	17.6



#62
1,3,5-Trimethylbenzene
Concen: 7.85 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.376 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion:	105	Resp:	69741
Ion Ratio	Lower	Upper	
105	100		
120	46.4	39.6	59.4

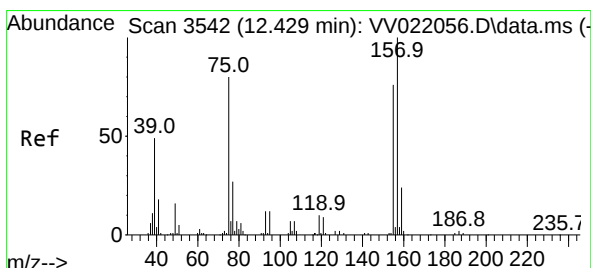
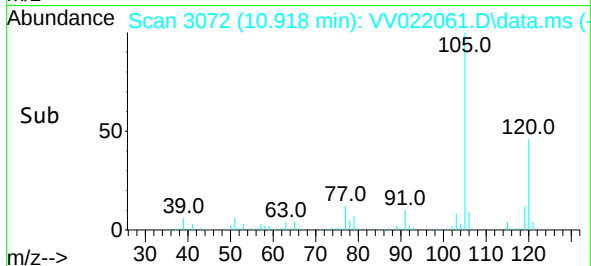
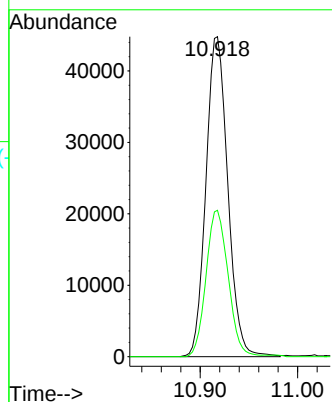
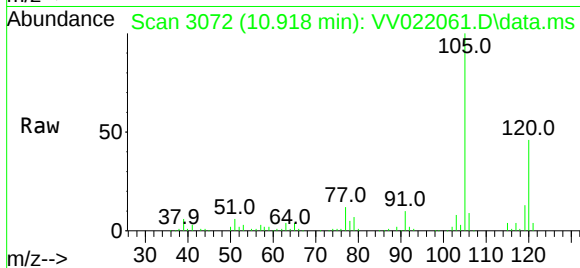




#63
1,2,4-Trimethylbenzene
Concen: 7.72 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

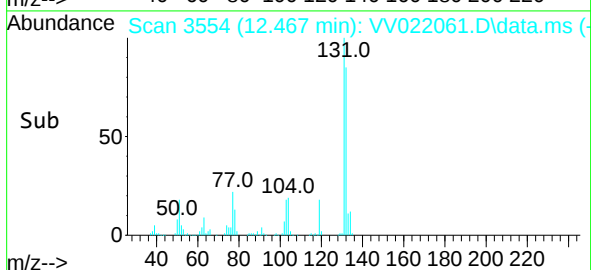
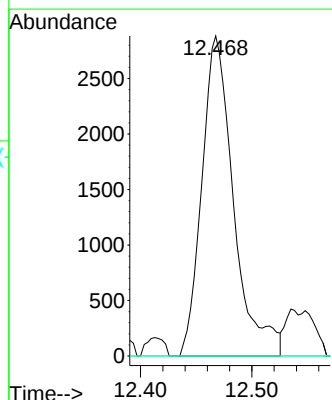
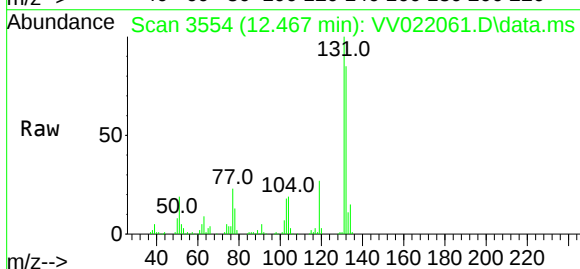
Instrument :
MSVOA_V
ClientSampled :

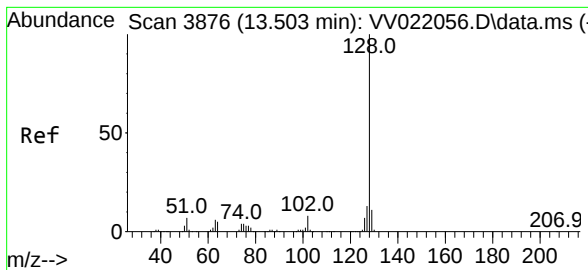
Tgt Ion:105 Resp: 69741
Ion Ratio Lower Upper
105 100
120 46.4 37.4 56.0



#68
1,2-Dibromo-3-chloropropane
Concen: 8.12 ug/L
RT: 12.467 min Scan# 3554
Delta R.T. 0.038 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

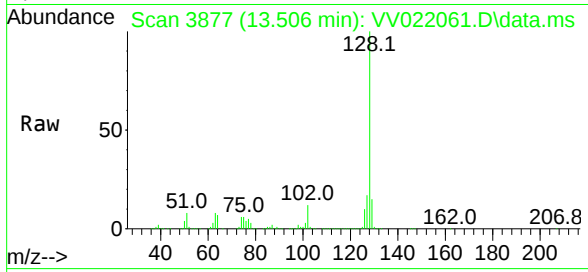
Tgt Ion: 75 Resp: 5713
Ion Ratio Lower Upper
75 100
155 0.0 79.8 119.6#
157 0.0 98.3 147.5#





#71
Naphthalene
Concen: 1490.97 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp:15164141
Ion Ratio Lower Upper
128 100
127 15.2 10.1 15.1#
129 13.1 8.7 13.1#

