

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
 Data File : VV021601.D
 Acq On : 02 Jul 2021 16:30
 Operator : SY/MD
 Sample : M2914-14DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBK43DL

Quant Time: Jul 03 00:08:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 03 00:01:46 2021
 Response via : Initial Calibration

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

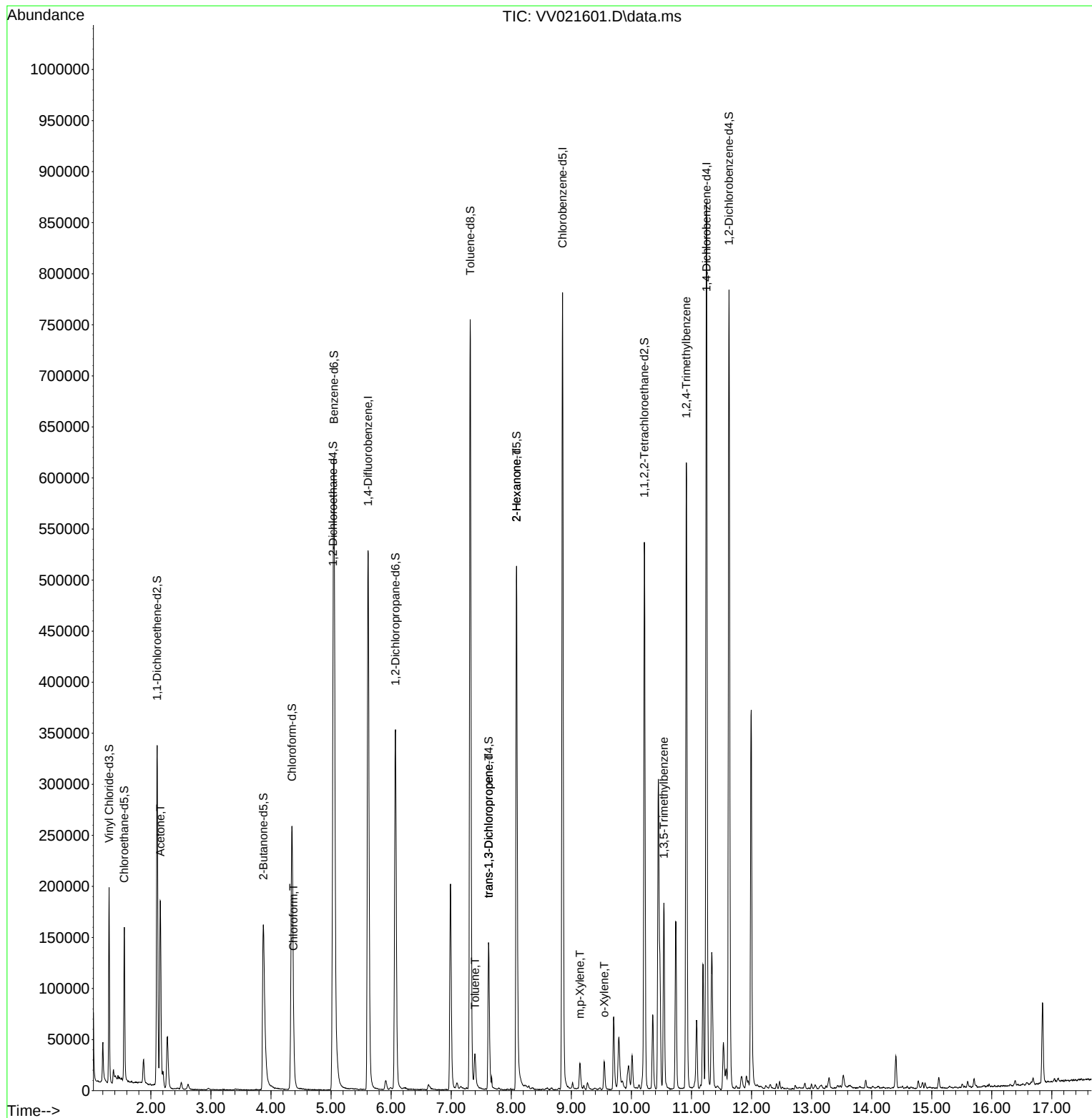
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	481679	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	441906	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	225242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115724	37.973	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.940%		
7) Chloroethane-d5	1.558	69	100524	40.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.720%		
11) 1,1-Dichloroethene-d2	2.105	63	169112	30.329	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.660%		
21) 2-Butanone-d5	3.873	46	252657	97.072	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.070%		
24) Chloroform-d	4.349	84	272099	42.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.380%		
26) 1,2-Dichloroethane-d4	5.034	65	166844	44.419	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.840%		
32) Benzene-d6	5.050	84	553598	44.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.240%		
36) 1,2-Dichloropropane-d6	6.072	67	178668	45.655	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.320%		
41) Toluene-d8	7.317	98	509642	44.414	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.820%		
43) trans-1,3-Dichloroprop...	7.622	79	84008	43.154	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.300%		
47) 2-Hexanone-d5	8.088	63	184251	101.500	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.500%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	258502	49.027	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.060%		
66) 1,2-Dichlorobenzene-d4	11.625	152	209761	46.712	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.420%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	179238	83.298	ug/L #	100
25) Chloroform	4.375	83	9661	1.550	ug/L	97
42) Toluene	7.397	91	26421	1.834	ug/L	97
44) trans-1,3-Dichloropropene	7.622	75	3391	0.630	ug/L	87
48) 2-Hexanone	8.088	43	19078	4.704	ug/L #	64
53) m,p-Xylene	9.143	106	7771	1.294	ug/L	86
54) o-Xylene	9.548	106	7921	1.322	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	97584	7.453	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	337460	25.468	ug/L	100

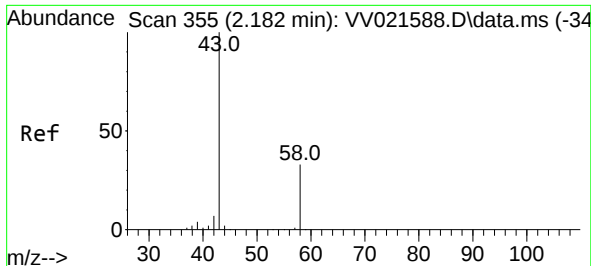
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 03 00:01:46 2021
Response via : Initial Calibration

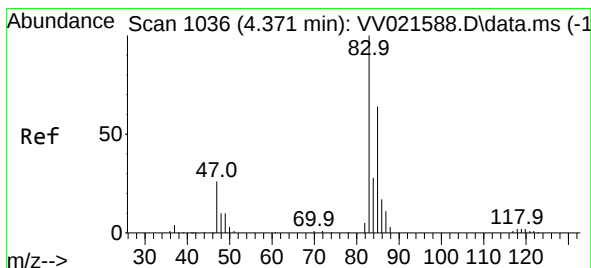
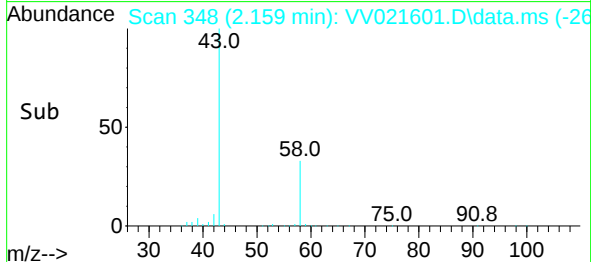
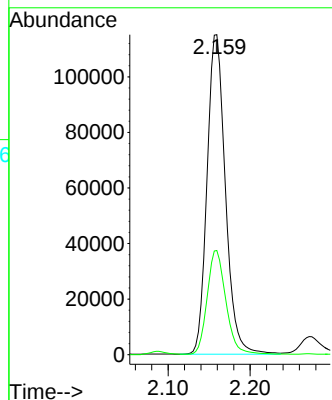
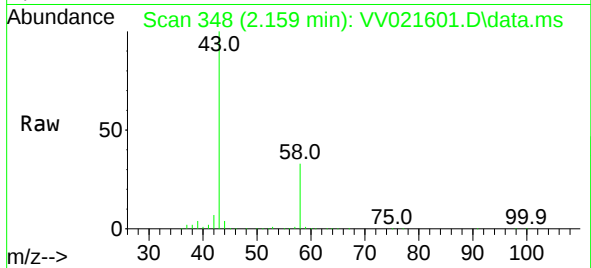




#13
Acetone
Concen: 83.298 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.022 min
Lab File: VV021601.D
Acq: 02 Jul 2021 16:30

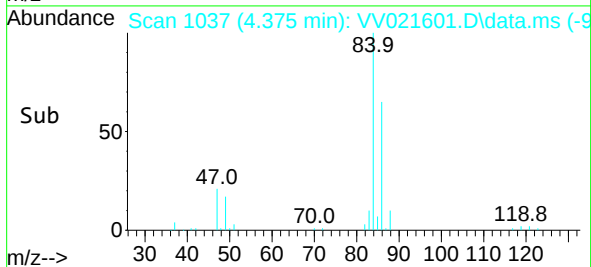
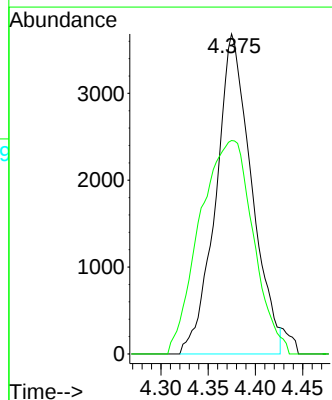
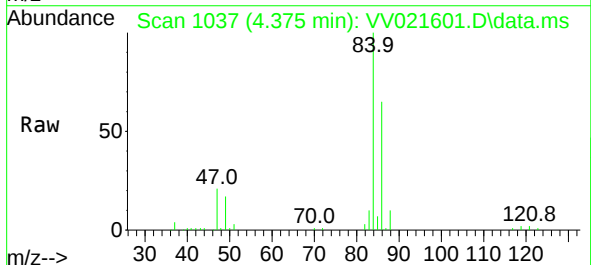
Instrument :
MSVOA_V
ClientSampleId :
DBK43DL

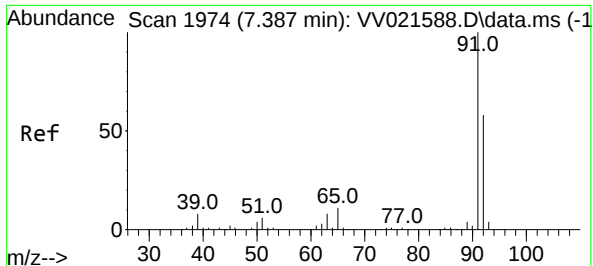
Tgt Ion: 43 Resp: 179238
Ion Ratio Lower Upper
43 100
58 33.1 0.0 0.0#



#25
Chloroform
Concen: 1.550 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV021601.D
Acq: 02 Jul 2021 16:30

Tgt Ion: 83 Resp: 9661
Ion Ratio Lower Upper
83 100
85 66.7 45.1 83.7

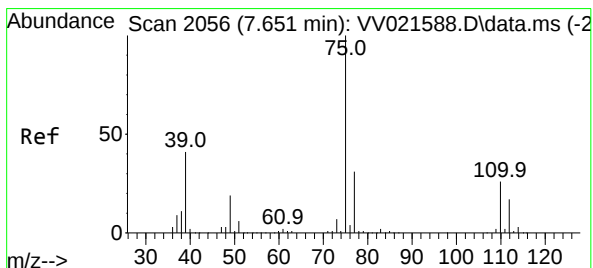
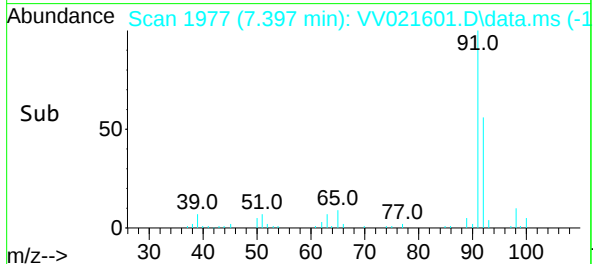
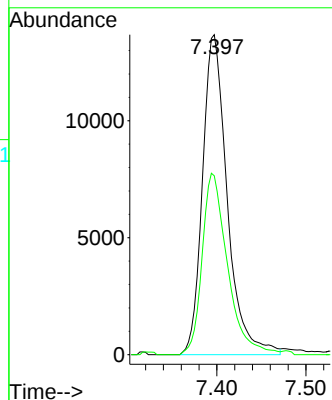
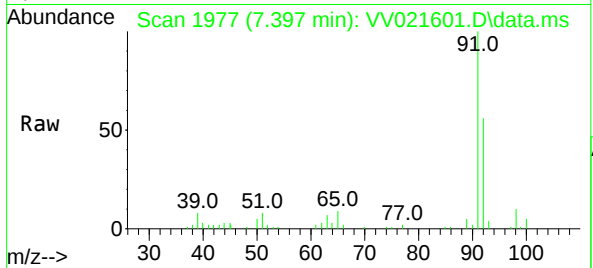




#42
Toluene
Concen: 1.834 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV021601.D
Acq: 02 Jul 2021 16:30

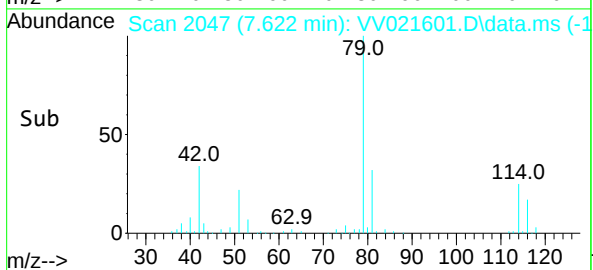
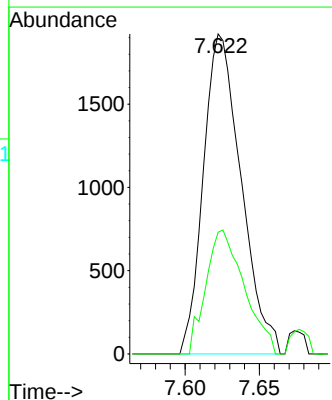
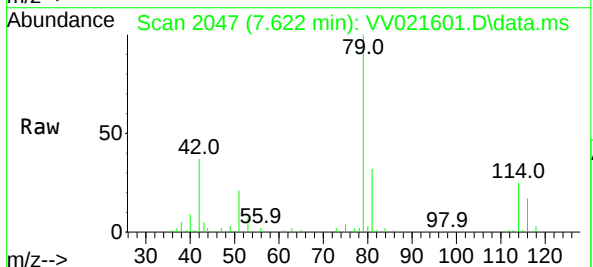
Instrument :
MSVOA_V
ClientSampleId :
DBK43DL

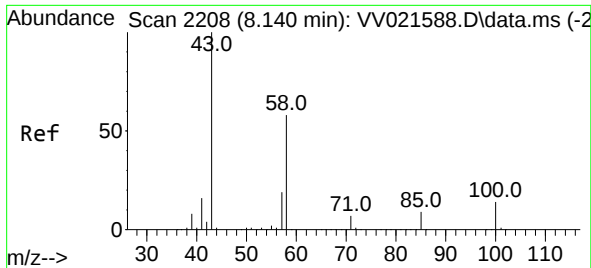
Tgt Ion: 91 Resp: 26421
Ion Ratio Lower Upper
91 100
92 55.9 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 0.630 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021601.D
Acq: 02 Jul 2021 16:30

Tgt Ion: 75 Resp: 3391
Ion Ratio Lower Upper
75 100
77 38.0 21.8 40.4

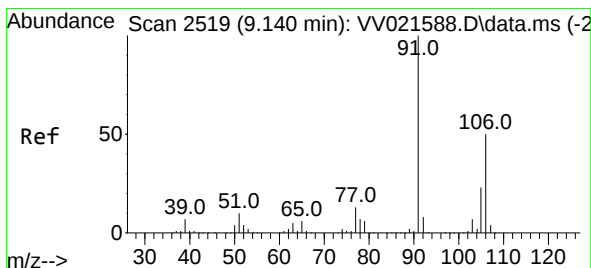
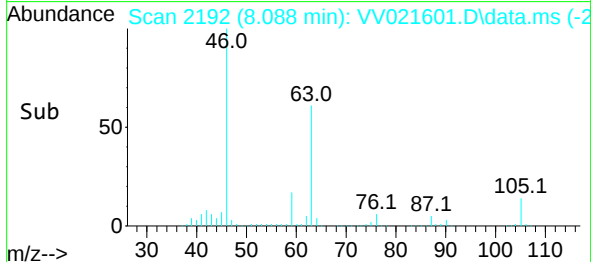
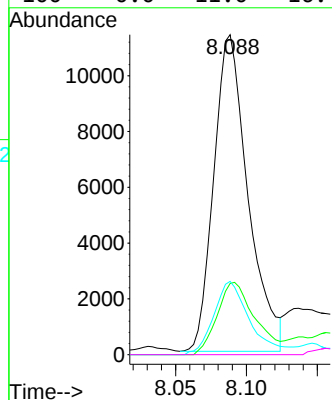
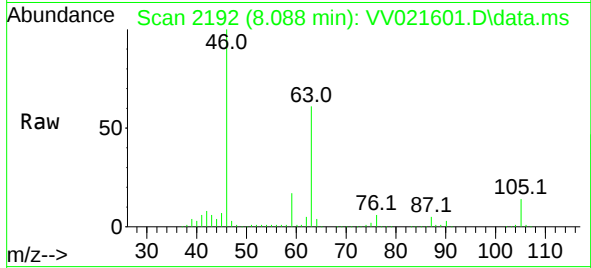




#48
2-Hexanone
Concen: 4.704 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV021601.D
Acq: 02 Jul 2021 16:30

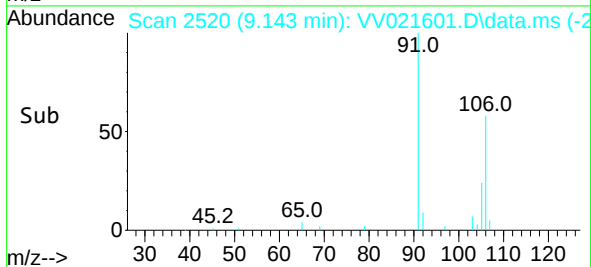
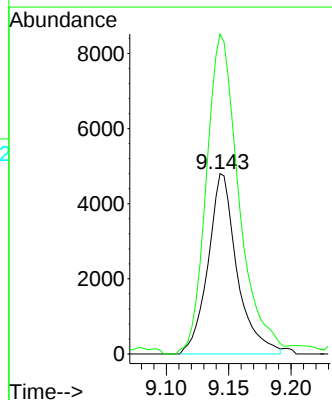
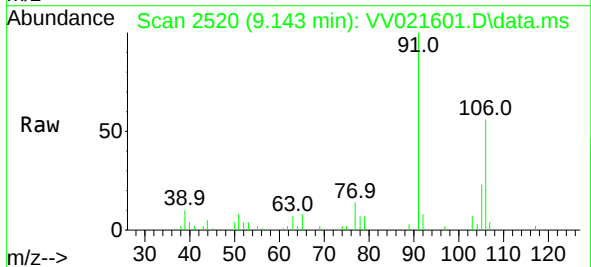
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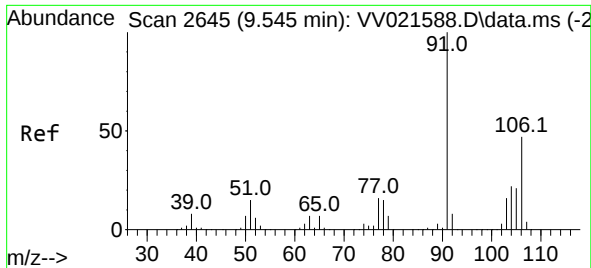
Tgt Ion: 43	Resp: 19078
Ion Ratio	Lower Upper
43 100	
58 25.2	46.7 70.1#
57 24.6	15.5 23.3#
100 0.0	11.0 16.4#



#53
m,p-Xylene
Concen: 1.294 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021601.D
Acq: 02 Jul 2021 16:30

Tgt Ion: 106	Resp: 7771
Ion Ratio	Lower Upper
106 100	
91 177.4	138.7 257.5

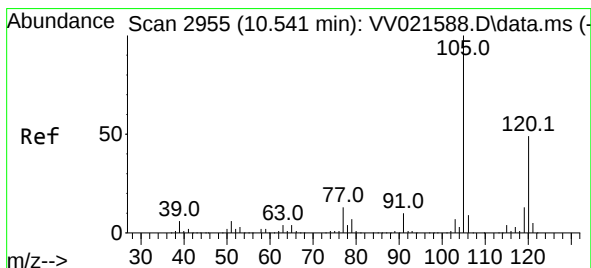
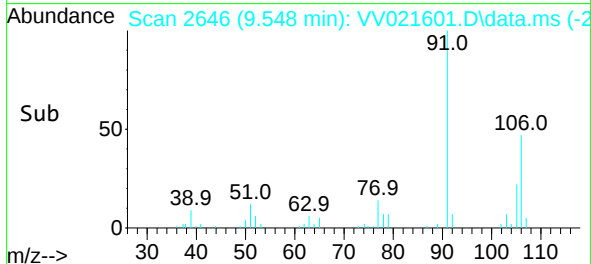
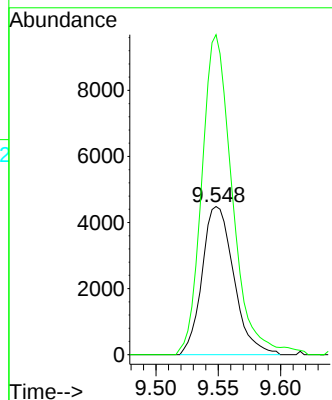
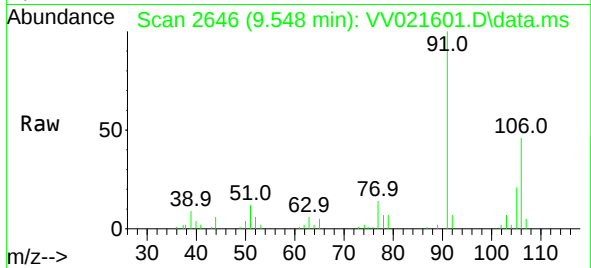




#54
o-Xylene
Concen: 1.322 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021601.D
Acq: 02 Jul 2021 16:30

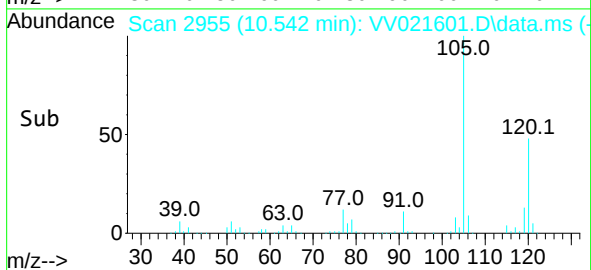
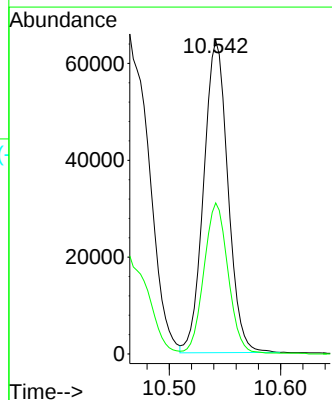
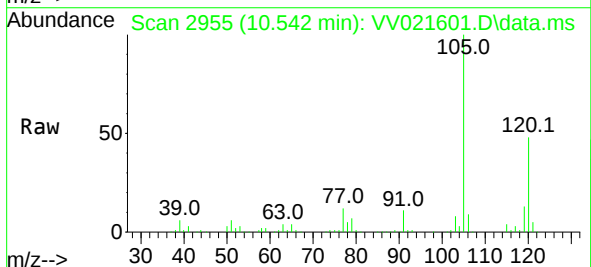
Instrument :
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ClientSampleId :
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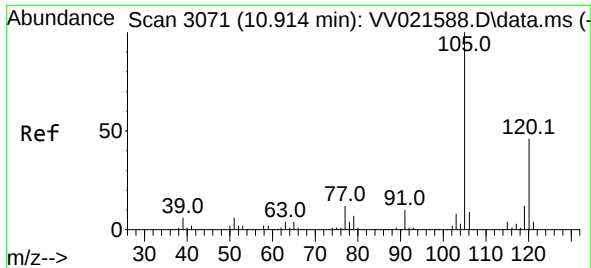
Tgt Ion:106 Resp: 7921
Ion Ratio Lower Upper
106 100
91 216.1 149.0 276.8



#62
1,3,5-Trimethylbenzene
Concen: 7.453 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021601.D
Acq: 02 Jul 2021 16:30

Tgt Ion:105 Resp: 97584
Ion Ratio Lower Upper
105 100
120 47.6 40.0 60.0





#63
 1,2,4-Trimethylbenzene
 Concen: 25.468 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV021601.D
 Acq: 02 Jul 2021 16:30

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:105 Resp: 337460
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.1 55.7

