

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
 Data File : VV021598.D
 Acq On : 02 Jul 2021 15:16
 Operator : SY/MD
 Sample : M2914-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBK43

Manual Integrations
 APPROVED

MMDadoda
 7/6/2021 9:36:27 AM

Quant Time: Jul 03 00:08:20 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	5.619	114	454930	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	422588	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	212185	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	110423	38.364	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.720%		
7) Chloroethane-d5	1.564	69	89019	37.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.680%		
11) 1,1-Dichloroethene-d2	2.105	63	163952	31.132	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.260%		
21) 2-Butanone-d5	3.886	46	281329	114.443	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.440%		
24) Chloroform-d	4.349	84	264974	44.012	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.020%		
26) 1,2-Dichloroethane-d4	5.034	65	163935	46.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.420%		
32) Benzene-d6	5.050	84	544283	45.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.740%		
36) 1,2-Dichloropropane-d6	6.072	67	175649	46.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.880%		
41) Toluene-d8	7.317	98	497136	45.304	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.600%		
43) trans-1,3-Dichloroprop...	7.622	79	82730	44.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.880%		
47) 2-Hexanone-d5	8.088	63	210127	121.047	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.050%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	255282	50.630	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.260%		
66) 1,2-Dichlorobenzene-d4	11.625	152	198956	47.032	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.060%		
Target Compounds					Qvalue	
13) Acetone	2.179	43	990118	487.199	ug/L	# 100
14) Carbon disulfide	2.291	76	7523	0.821	ug/L	99
16) Methylene chloride	2.507	84	5362	1.520	ug/L	97
22) 2-Butanone	4.011	43	12265m	4.370	ug/L	
25) Chloroform	4.378	83	37860	6.432	ug/L	98
42) Toluene	7.391	91	106735	7.748	ug/L	99
52) Ethylbenzene	9.021	91	17145	1.146	ug/L	95
53) m,p-Xylene	9.140	106	34155	5.947	ug/L	91
54) o-Xylene	9.548	106	34174	5.964	ug/L	97
60) Isopropylbenzene	9.934	105	39512	2.730	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	427843	34.687	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	1483097	118.816	ug/L	100

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

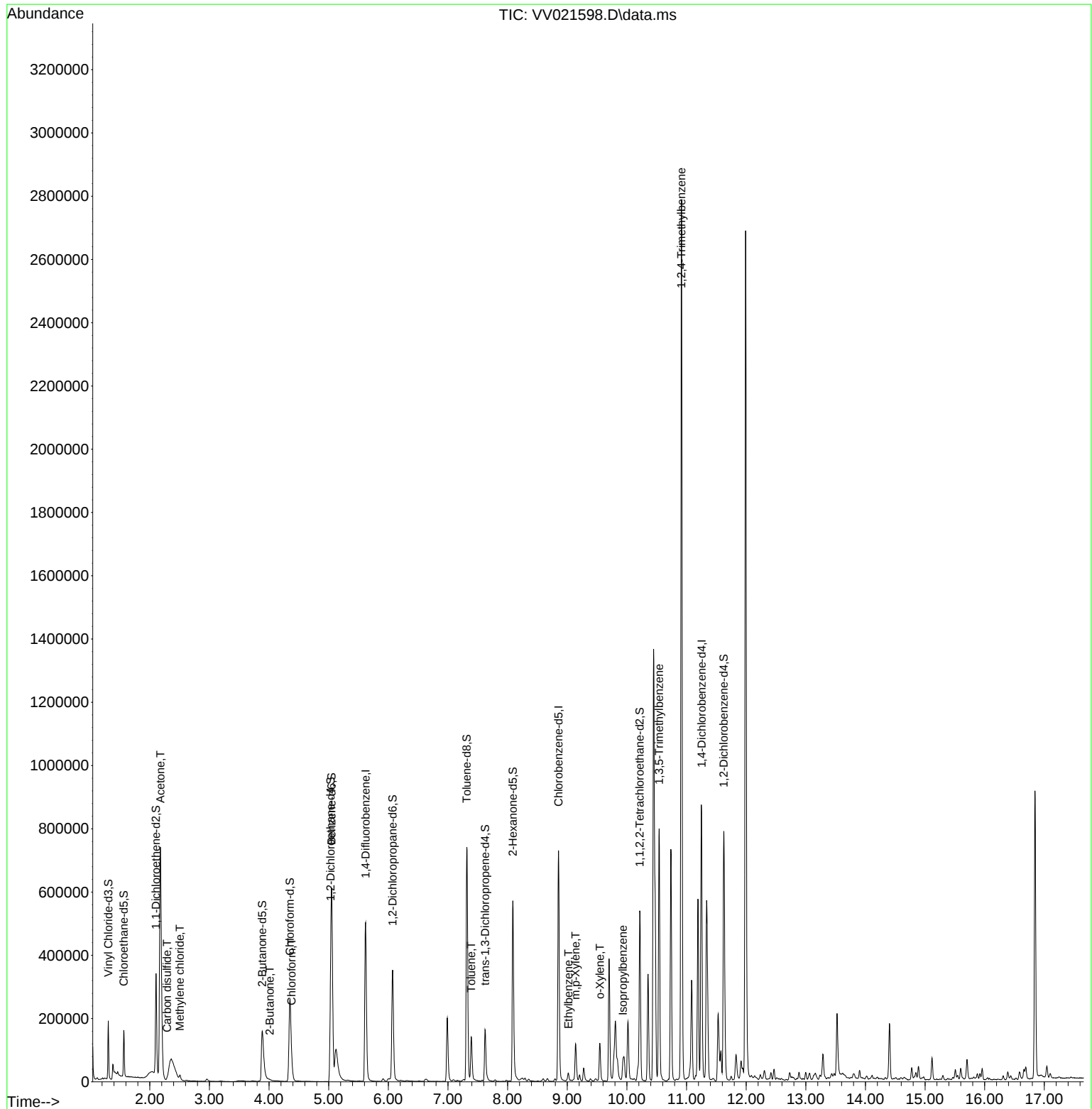
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021598.D
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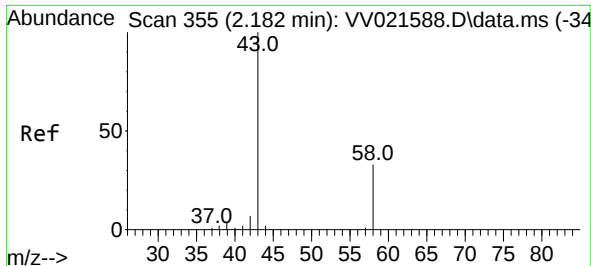
Instrument :
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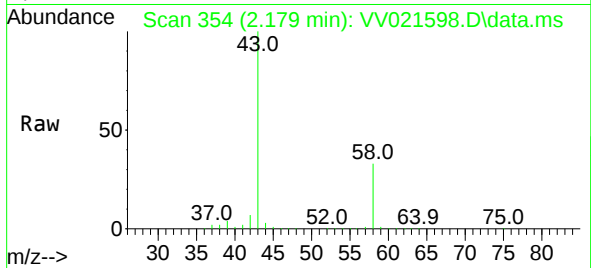
Quant Time: Jul 03 00:08:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 03 00:01:46 2021
Response via : Initial Calibration





#13
Acetone
Concen: 487.199 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV021598.D
Acq: 02 Jul 2021 15:16

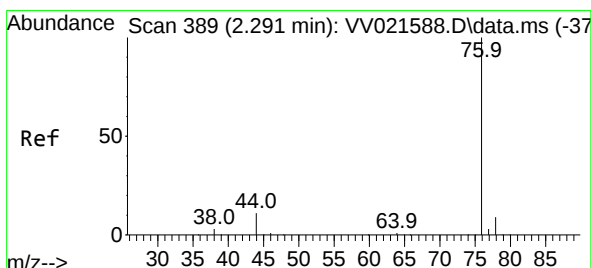
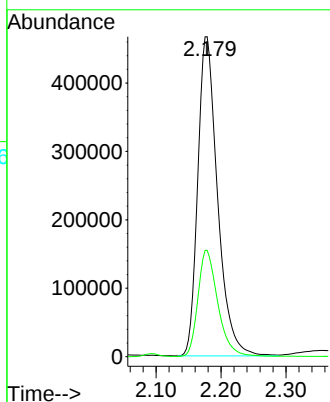
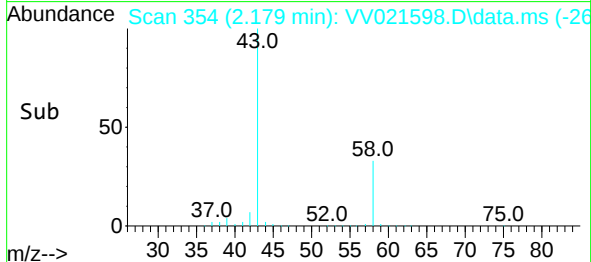
Instrument :
MSVOA_V
ClientSampled :
DBK43



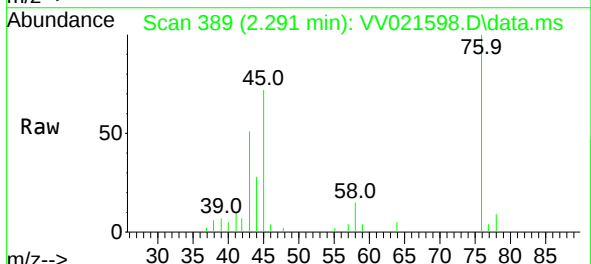
Tgt Ion: 43 Resp: 990118
Ion Ratio Lower Upper
43 100
58 33.5 0.0 0.0#

Manual Integrations
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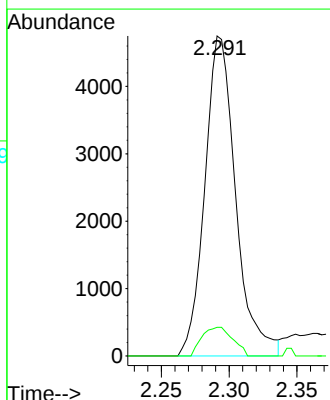
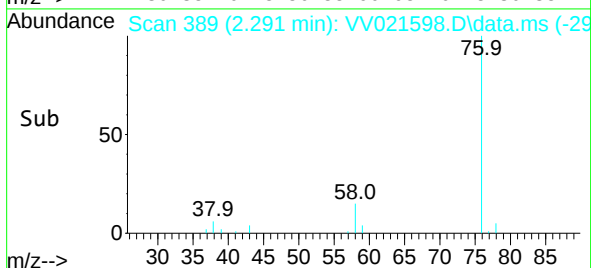
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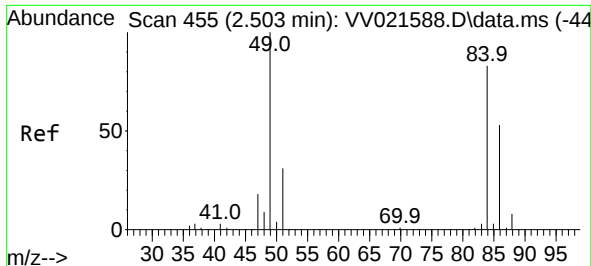


#14
Carbon disulfide
Concen: 0.821 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021598.D
Acq: 02 Jul 2021 15:16

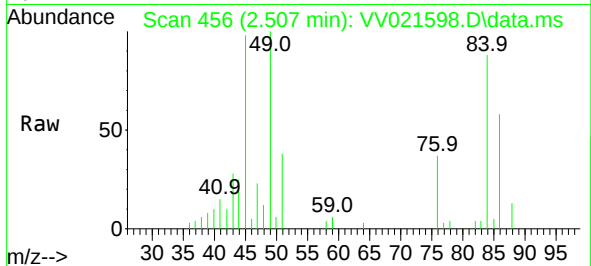


Tgt Ion: 76 Resp: 7523
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



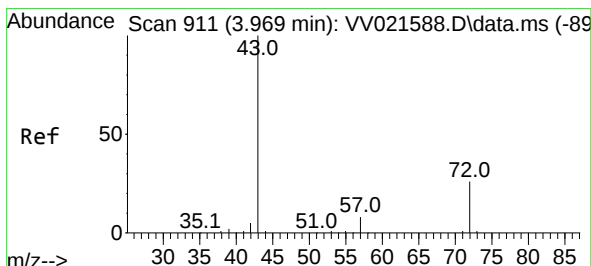
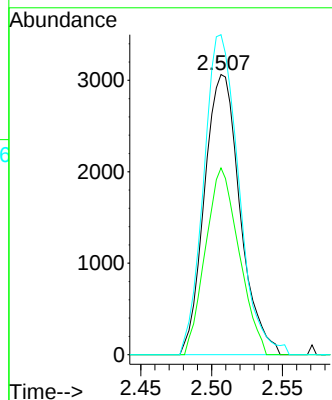
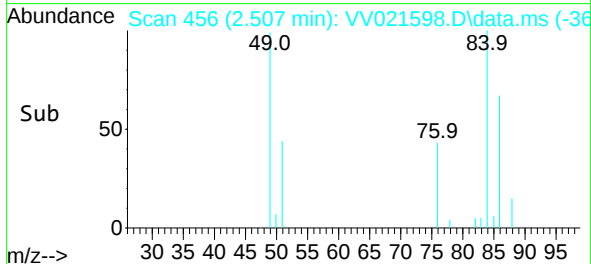


#16
Methylene chloride
Concen: 1.520 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021598.D
Acq: 02 Jul 2021 15:16

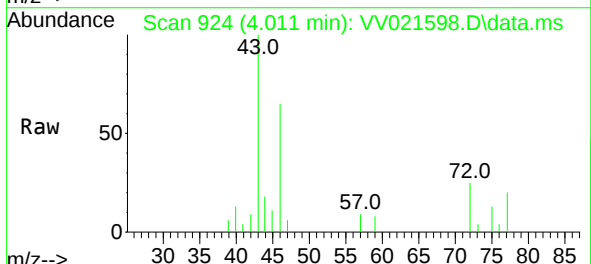


Tgt Ion: 84 Resp: 5362

Ion	Ratio	Lower	Upper
84	100		
86	66.6	45.1	83.9
49	114.2	82.5	153.3

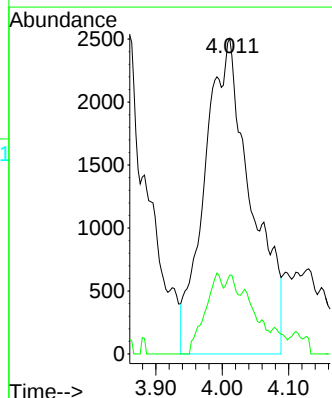
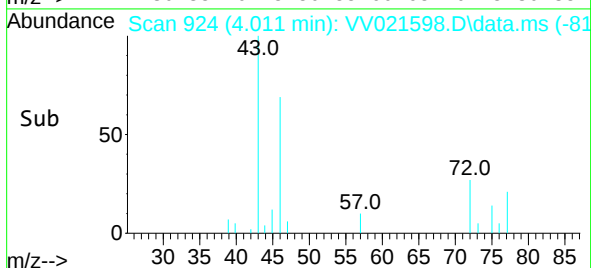


#22
2-Butanone
Concen: 4.370 ug/L m
RT: 4.011 min Scan# 924
Delta R.T. 0.042 min
Lab File: VV021598.D
Acq: 02 Jul 2021 15:16



Tgt Ion: 43 Resp: 12265

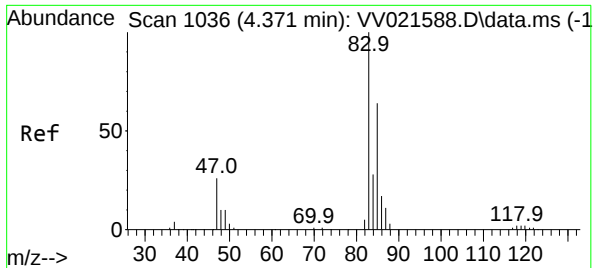
Ion	Ratio	Lower	Upper
43	100		
72	9.7	13.3	39.8#



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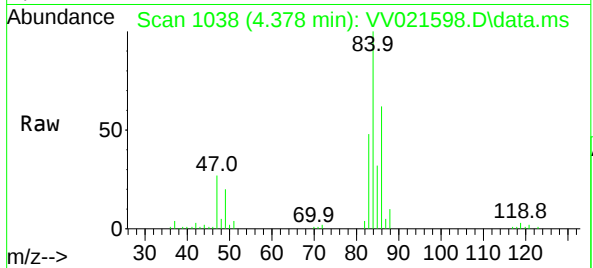
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#25
Chloroform
Concen: 6.432 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV021598.D
Acq: 02 Jul 2021 15:16

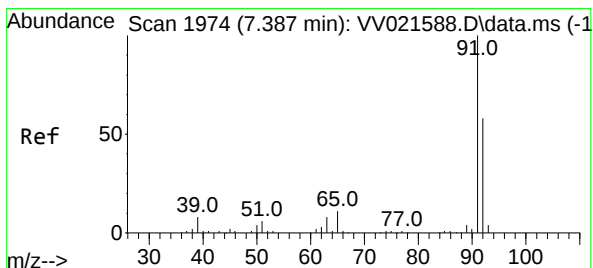
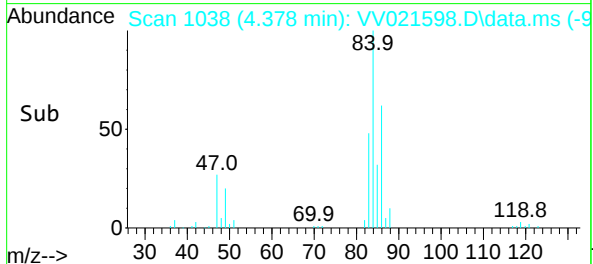
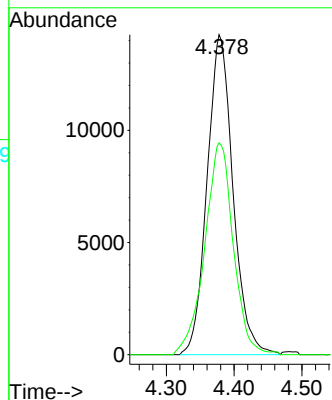
Instrument :
MSVOA_V
ClientSampled :
DBK43



Tgt Ion: 83 Resp: 37860
Ion Ratio Lower Upper
83 100
85 66.2 45.1 83.7

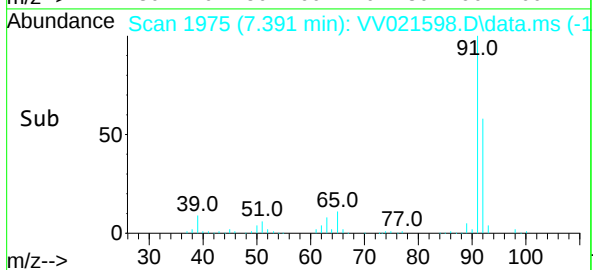
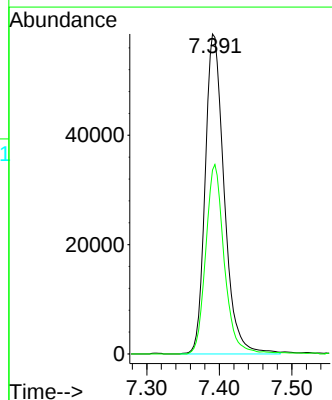
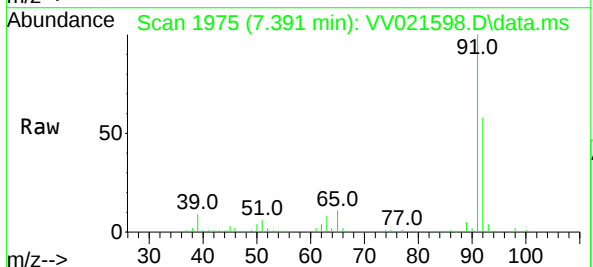
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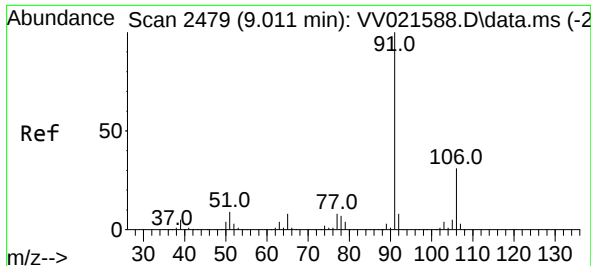
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#42
Toluene
Concen: 7.748 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021598.D
Acq: 02 Jul 2021 15:16

Tgt Ion: 91 Resp: 106735
Ion Ratio Lower Upper
91 100
92 57.5 40.6 75.4





#52

Ethylbenzene

Concen: 1.146 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV021598.D

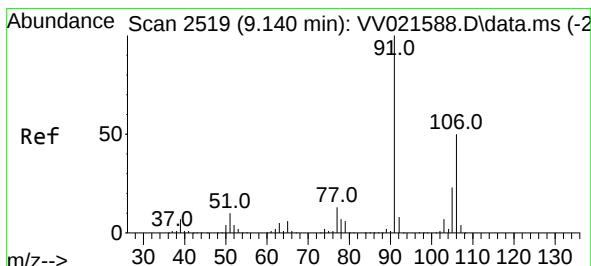
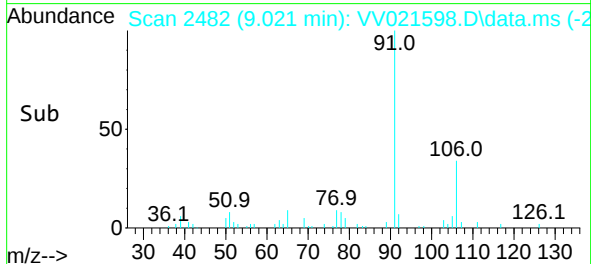
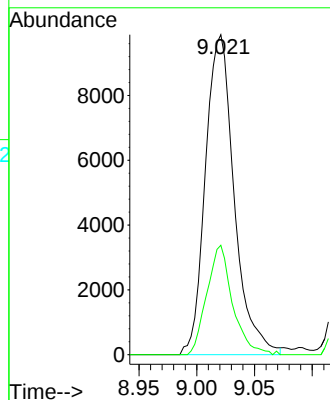
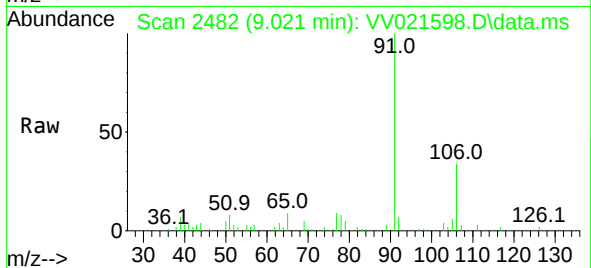
Acq: 02 Jul 2021 15:16

Tgt Ion: 91 Resp: 17145

Ion Ratio Lower Upper

91 100

106 34.2 21.8 40.6



#53

m,p-Xylene

Concen: 5.947 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV021598.D

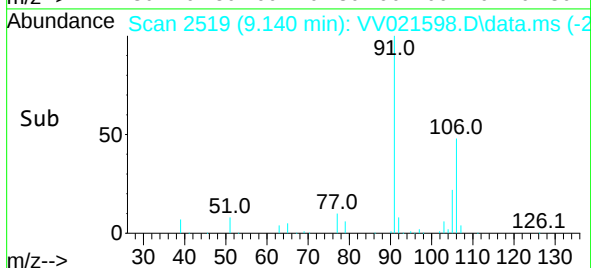
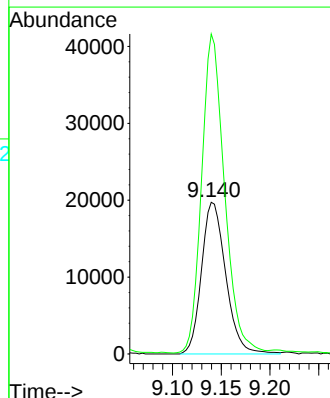
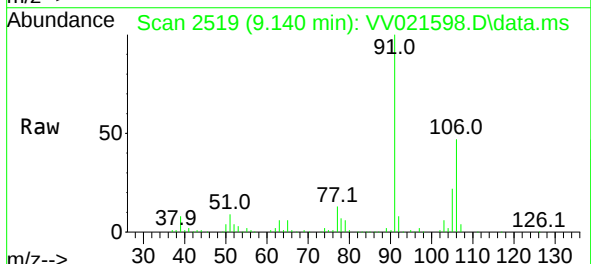
Acq: 02 Jul 2021 15:16

Tgt Ion: 106 Resp: 34155

Ion Ratio Lower Upper

106 100

91 211.0 138.7 257.5



Instrument :

MSVOA_V

ClientSampled :

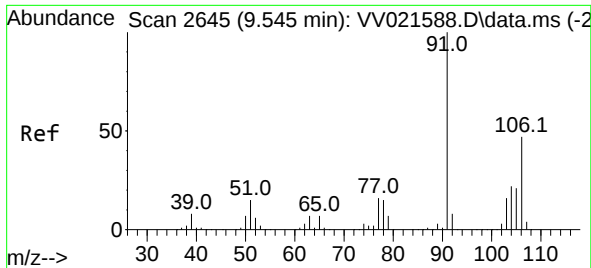
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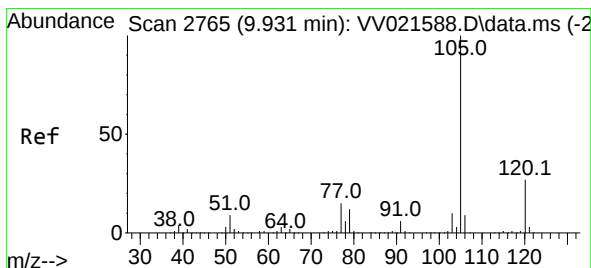
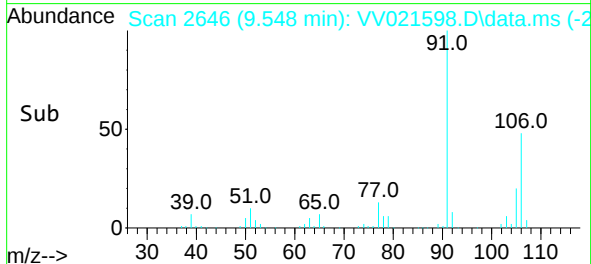
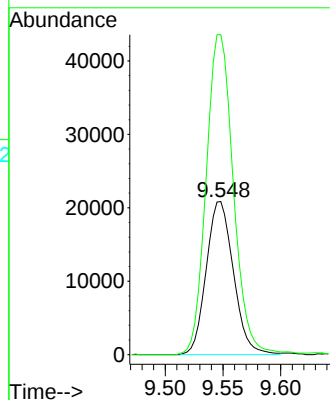
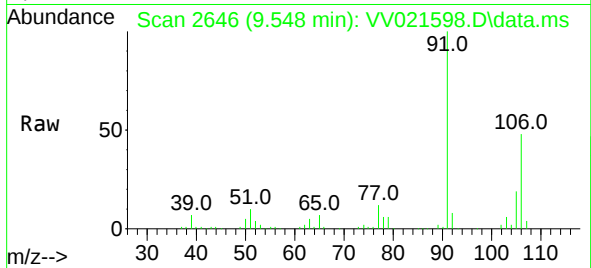
#54
o-Xylene
Concen: 5.964 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021598.D
Acq: 02 Jul 2021 15:16

Tgt Ion:106 Resp: 34174
Ion Ratio Lower Upper
106 100
91 208.9 149.0 276.8

Instrument :
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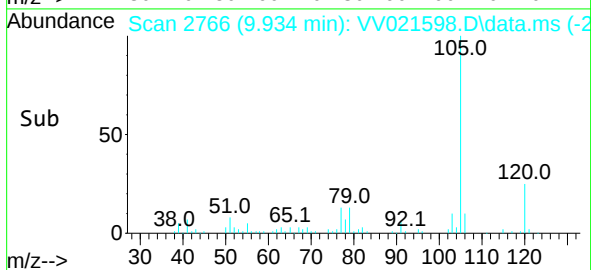
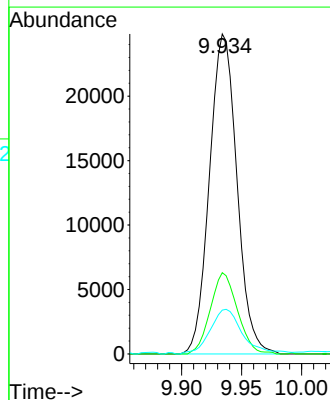
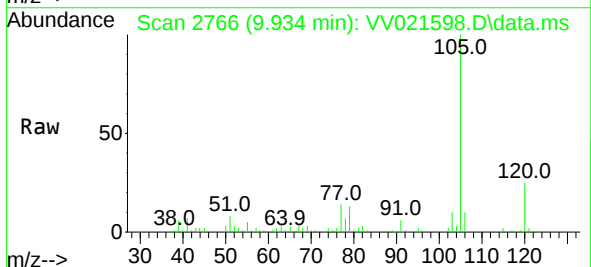
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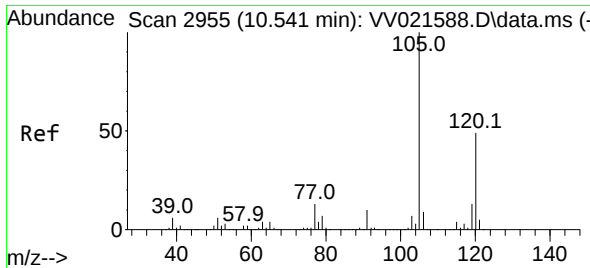
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#60
Isopropylbenzene
Concen: 2.730 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021598.D
Acq: 02 Jul 2021 15:16

Tgt Ion:105 Resp: 39512
Ion Ratio Lower Upper
105 100
120 25.0 21.5 32.3
77 16.1 12.0 18.0





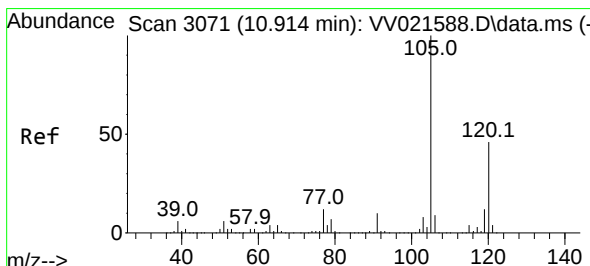
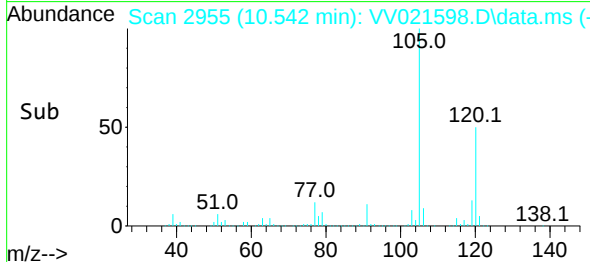
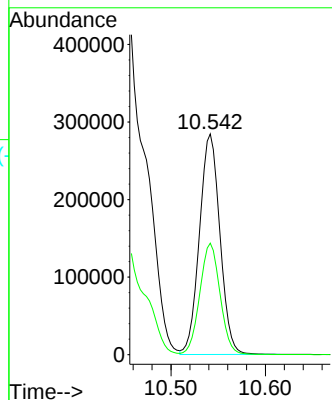
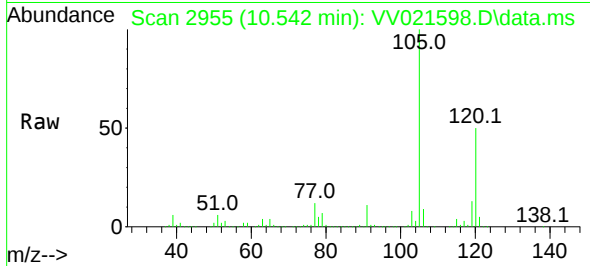
#62
1,3,5-Trimethylbenzene
Concen: 34.687 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021598.D
Acq: 02 Jul 2021 15:16

Tgt Ion:105 Resp: 427843
Ion Ratio Lower Upper
105 100
120 49.9 40.0 60.0

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#63
1,2,4-Trimethylbenzene
Concen: 118.816 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021598.D
Acq: 02 Jul 2021 15:16

Tgt Ion:105 Resp: 1483097
Ion Ratio Lower Upper
105 100
120 46.3 37.1 55.7

