

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042621\
 Data File : VW021141.D
 Acq On : 26 Apr 2021 14:28
 Operator : SY/MD
 Sample : M2123-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG7A5

Manual Integrations
 APPROVED

MMDadoda
 4/27/2021 10:43:10 AM

Quant Time: Apr 27 04:17:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 27 04:16:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	395458	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	393916	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	177389	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	164691	50.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.36%			
7) Chloroethane-d5	1.571	69	148885	62.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 124.56%			
11) 1,1-Dichloroethene-d2	2.108	63	255863	42.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.38%			
21) 2-Butanone-d5	3.892	46	276981	174.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 174.55%#			
24) Chloroform-d	4.352	84	411271	70.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 141.98%#			
26) 1,2-Dichloroethane-d4	5.037	65	280252	76.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 152.20%#			
32) Benzene-d6	5.056	84	699929	66.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 133.44%#			
36) 1,2-Dichloropropane-d6	6.072	67	227367	72.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 145.22%#			
41) Toluene-d8	7.320	98	640586	63.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 126.18%#			
43) trans-1,3-Dichloroprop...	7.625	79	121482	70.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 141.98%#			
47) 2-Hexanone-d5	8.091	63	204987	165.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 165.05%#			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	356101	75.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 150.78%#			
66) 1,2-Dichlorobenzene-d4	11.631	152	280473	80.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 160.08%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	14165	4.03	ug/L	# 74
13) Acetone	2.188	43	7075m	4.77	ug/L	
14) Carbon disulfide	2.297	76	7540	0.97	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	20192	6.97	ug/L	97
33) Benzene	5.108	78	27850	2.54	ug/L	100
42) Toluene	7.400	91	9613	0.80	ug/L	87

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

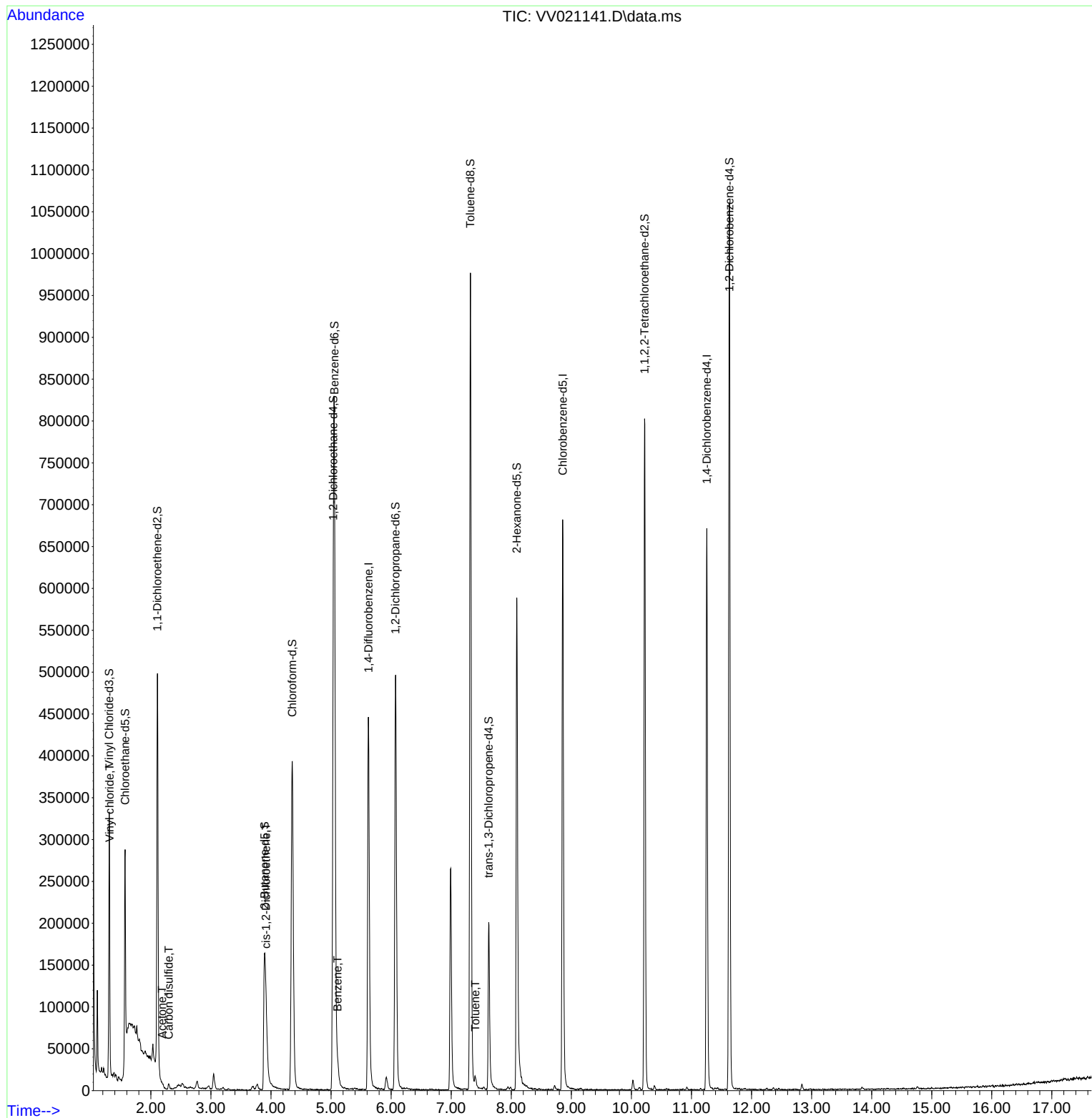
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042621\
Data File : VV021141.D
Acq On : 26 Apr 2021 14:28
Operator : SY/MD
Sample : M2123-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

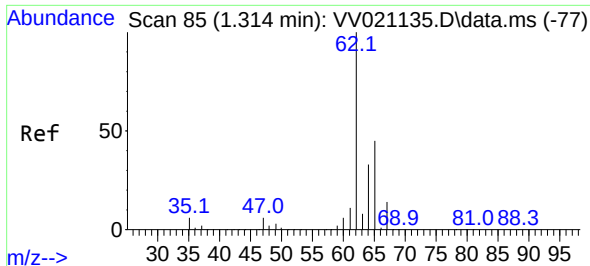
Instrument :
MSVOA_V
ClientSampleId :
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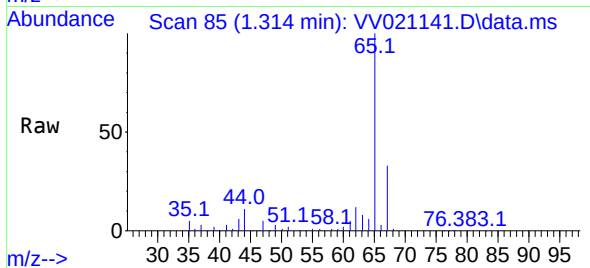
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 27 04:16:04 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 4.03 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV021141.D
 Acq: 26 Apr 2021 14:28

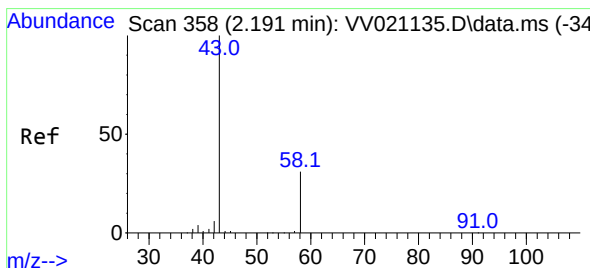
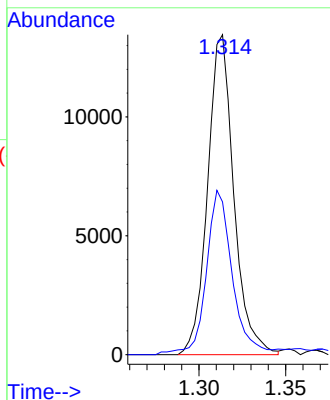
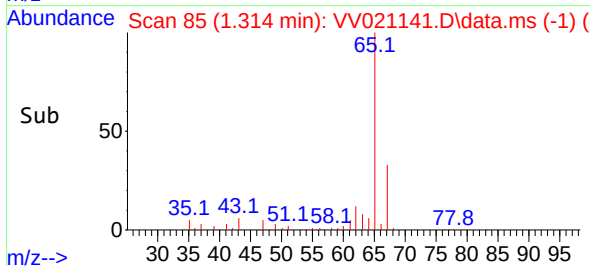
Instrument :
 MSVOA_V
 ClientSampled :
 BG7A5



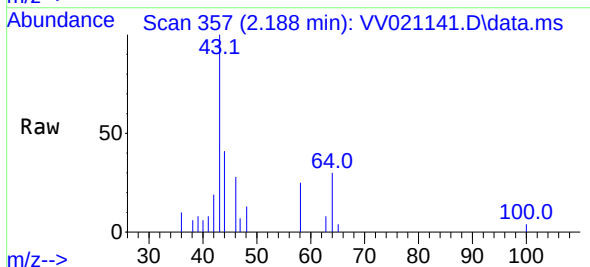
Tgt Ion: 62 Resp: 14165
 Ion Ratio Lower Upper
 62 100
 64 47.7 23.2 43.2#

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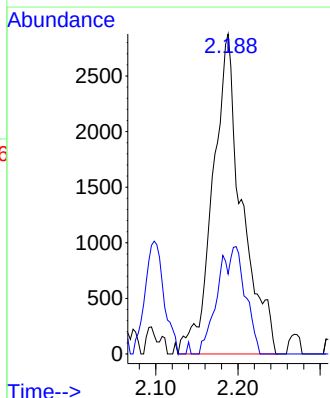
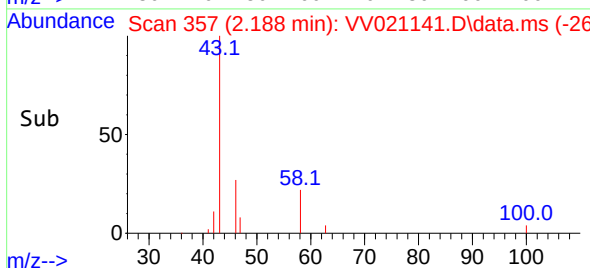
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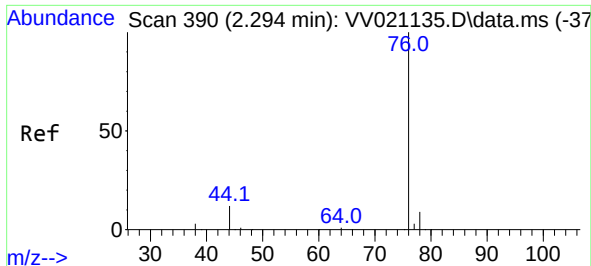


#13
 Acetone
 Concen: 4.77 ug/L m
 RT: 2.188 min Scan# 357
 Delta R.T. -0.003 min
 Lab File: VV021141.D
 Acq: 26 Apr 2021 14:28



Tgt Ion: 43 Resp: 7075
 Ion Ratio Lower Upper
 43 100
 58 14.1 0.0 30.8





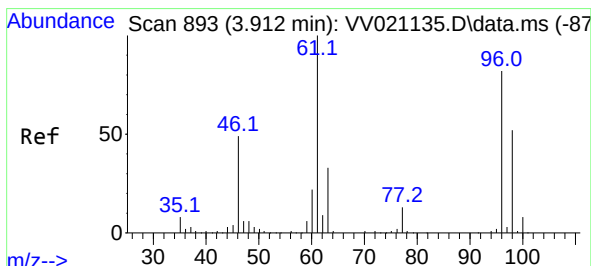
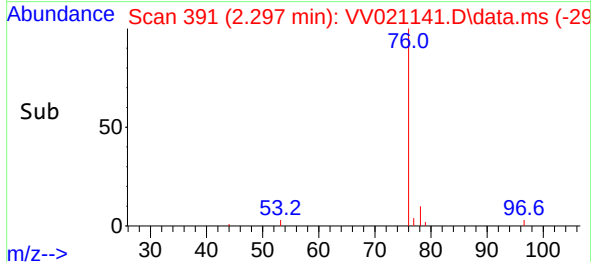
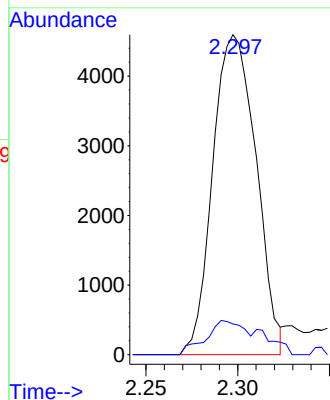
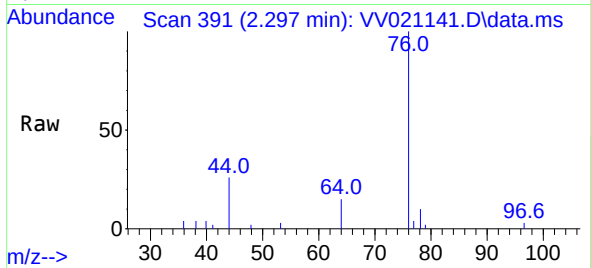
#14
Carbon disulfide
Concen: 0.97 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV021141.D
Acq: 26 Apr 2021 14:28

Tgt Ion: 76 Resp: 7540
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

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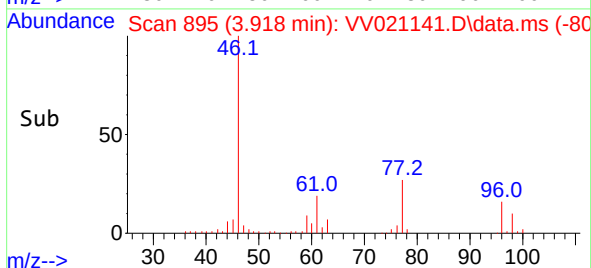
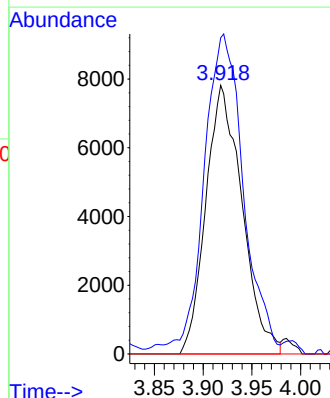
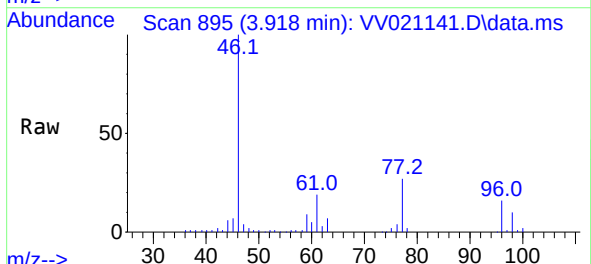
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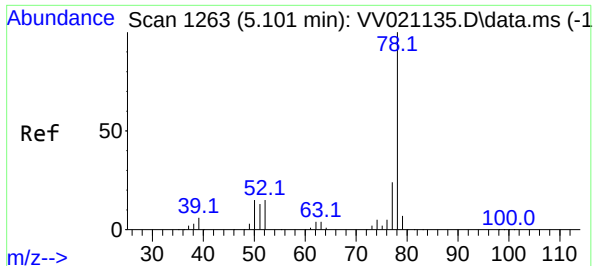
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#20
cis-1,2-Dichloroethene
Concen: 6.97 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV021141.D
Acq: 26 Apr 2021 14:28

Tgt Ion: 96 Resp: 20192
Ion Ratio Lower Upper
96 100
61 117.7 84.4 156.7
68 0.0 0.0 0.0





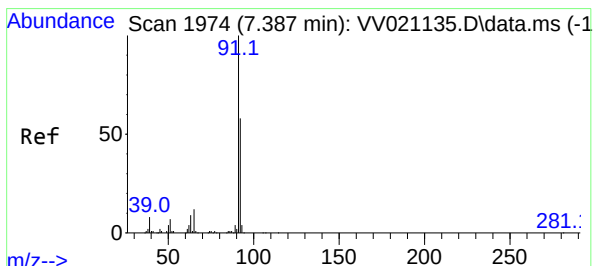
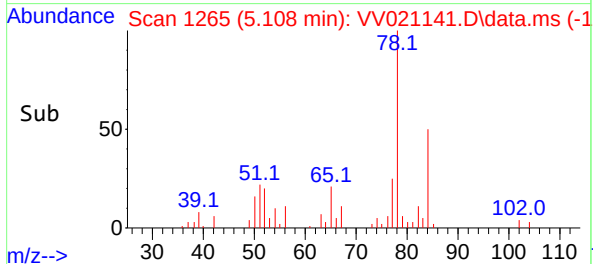
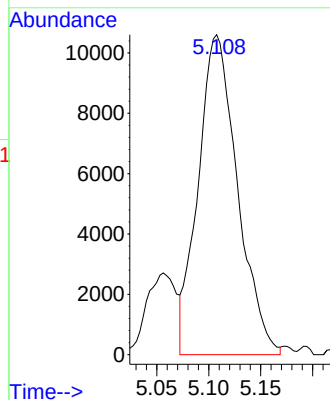
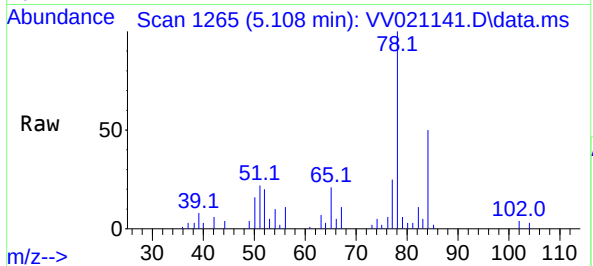
#33
Benzene
Concen: 2.54 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV021141.D
Acq: 26 Apr 2021 14:28

Tgt Ion: 78 Resp: 27850

Instrument :
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4/27/2021 10:43:10 AM



#42
Toluene
Concen: 0.80 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV021141.D
Acq: 26 Apr 2021 14:28

Tgt Ion: 91 Resp: 9613
Ion Ratio Lower Upper
91 100
92 48.6 41.0 76.2

