

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030421\
 Data File : VV020450.D
 Acq On : 03 Mar 2021 16:02
 Operator : SY/MD
 Sample : M1546-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FZ6

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 9:13:29 AM

Quant Time: Mar 04 00:38:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 04 00:36:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	478105	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	478440	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	254449	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	155416	44.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.18%		
7) Chloroethane-d5	1.568	69	137847	48.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.40%		
11) 1,1-Dichloroethene-d2	2.108	63	219962	33.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.76%		
21) 2-Butanone-d5	3.889	46	207086	106.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.34%		
24) Chloroform-d	4.352	84	312674	50.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.82%		
26) 1,2-Dichloroethane-d4	5.034	65	208580	53.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.08%		
32) Benzene-d6	5.053	84	639604	51.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.20%		
36) 1,2-Dichloropropane-d6	6.072	67	197819	53.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.92%		
41) Toluene-d8	7.320	98	592528	50.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.74%		
43) trans-1,3-Dichloroprop...	7.625	79	88196	46.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.50%		
47) 2-Hexanone-d5	8.092	63	139414	90.56	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.56%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	246787	46.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.88%		
64) 1,2-Dichlorobenzene-d4	11.632	152	282222m	58.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	117.24%		
Target Compounds						Qvalue
13) Acetone	2.185	43	17277	12.57	ug/L	91
25) Chloroform	4.381	83	15350	2.62	ug/L	87
33) Benzene	5.105	78	29438	2.30	ug/L	100
48) 2-Hexanone	8.149	43	10414	3.33	ug/L #	86
51) Chlorobenzene	8.886	112	618502	65.52	ug/L	94
62) 1,3-Dichlorobenzene	11.188	146	74363	9.88	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	704353	91.26	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	2031315	270.31	ug/L	96
68) 1,2,4-trichlorobenzene	13.268	180	453888	87.03	ug/L	96
70) 1,2,3-Trichlorobenzene	13.754	180	224948	43.32	ug/L	98

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

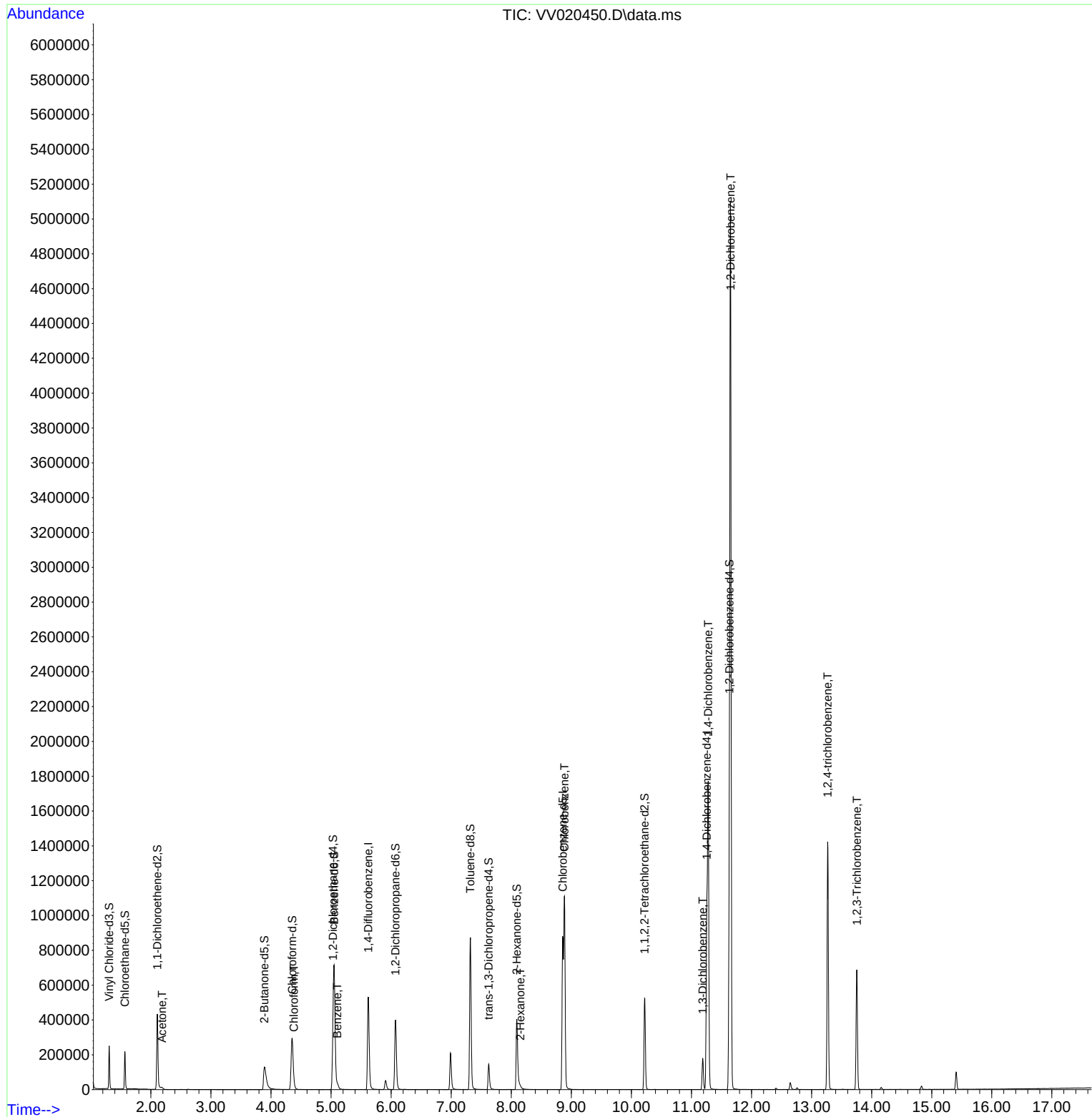
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030421\
Data File : VV020450.D
Acq On : 03 Mar 2021 16:02
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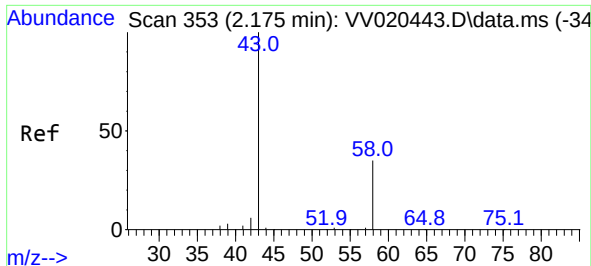
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
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Response via : Initial Calibration





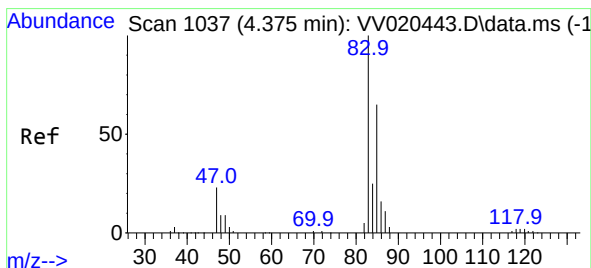
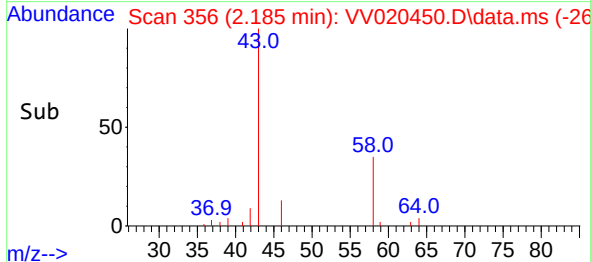
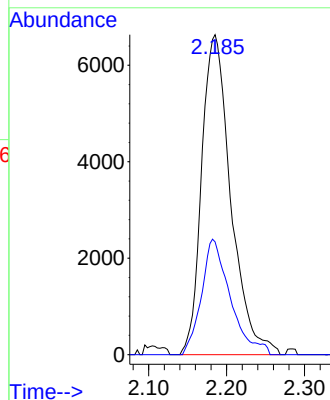
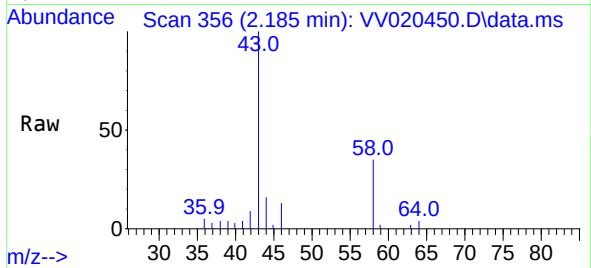
#13
Acetone
Concen: 12.57 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.010 min
Lab File: VV020450.D
Acq: 03 Mar 2021 16:02

Tgt Ion: 43 Resp: 17277
Ion Ratio Lower Upper
43 100
58 35.0 0.0 60.2

Instrument :
MSVOA_V
ClientSampled :
C0FZ6

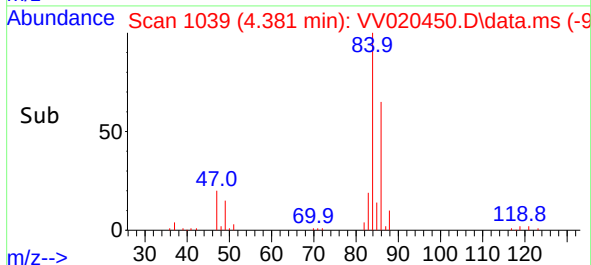
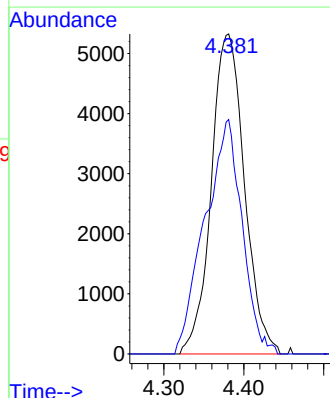
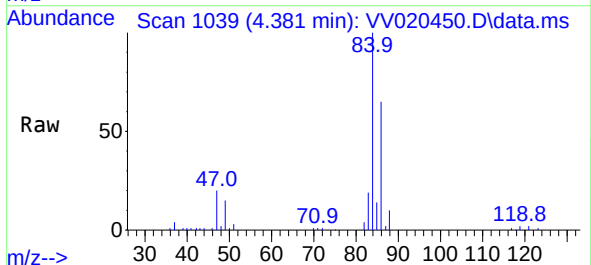
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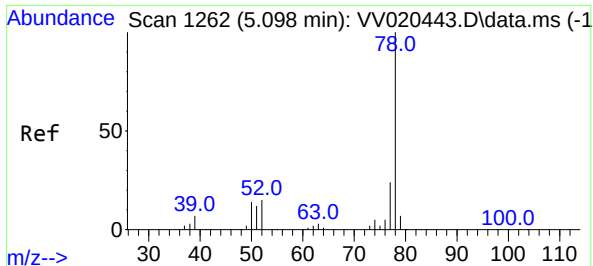
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#25
Chloroform
Concen: 2.62 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020450.D
Acq: 03 Mar 2021 16:02

Tgt Ion: 83 Resp: 15350
Ion Ratio Lower Upper
83 100
85 73.3 44.2 82.2





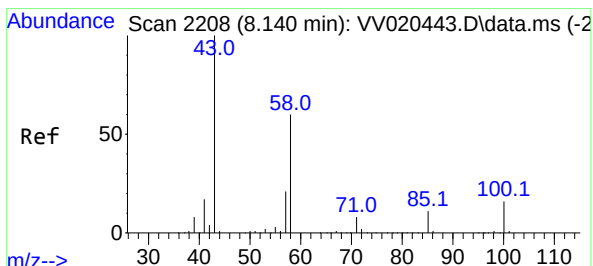
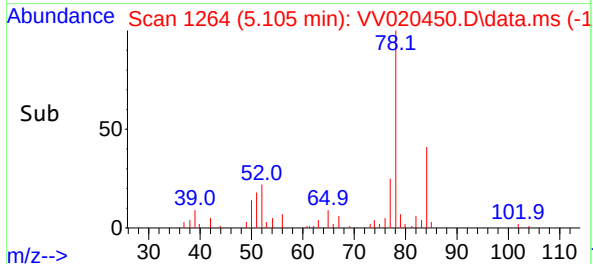
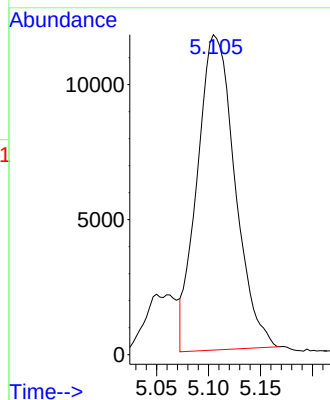
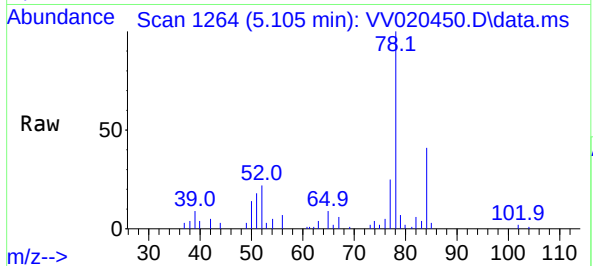
#33
Benzene
Concen: 2.30 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV020450.D
Acq: 03 Mar 2021 16:02

Tgt Ion: 78 Resp: 29438

Instrument :
MSVOA_V
ClientSampled :
C0FZ6

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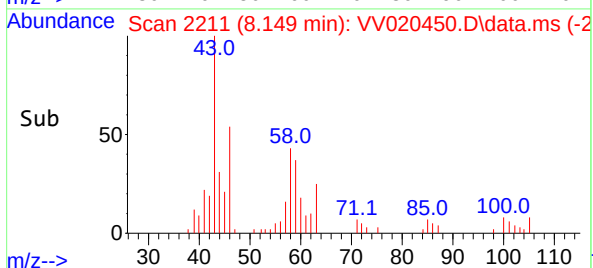
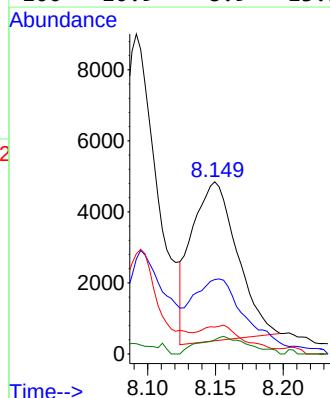
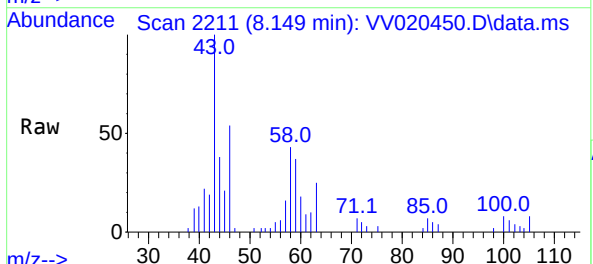
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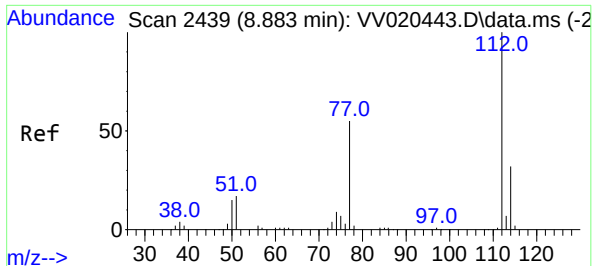


#48
2-Hexanone
Concen: 3.33 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV020450.D
Acq: 03 Mar 2021 16:02

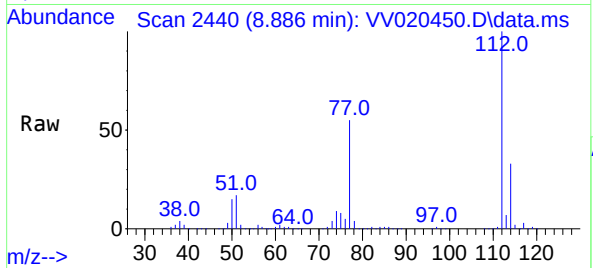
Tgt Ion: 43 Resp: 10414

Ion	Ratio	Lower	Upper
43	100		
58	47.5	41.8	62.6
57	0.0	15.0	22.4
100	10.9	8.9	13.3

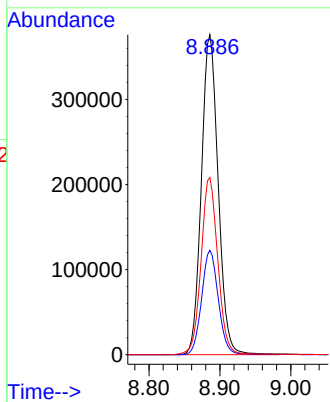
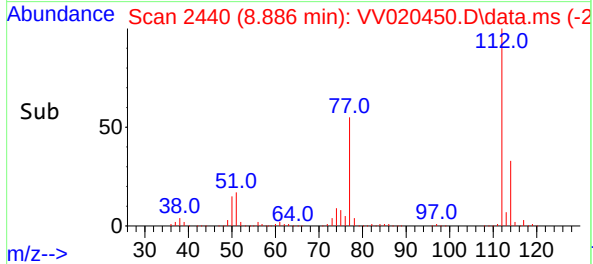




#51
Chlorobenzene
Concen: 65.52 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020450.D
Acq: 03 Mar 2021 16:02



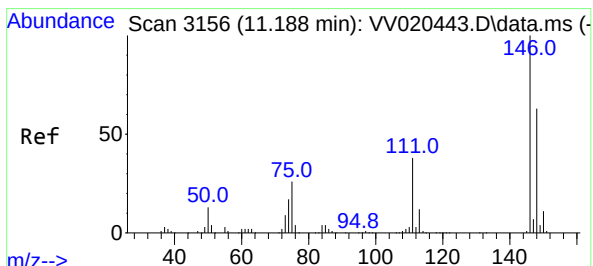
Tgt Ion:112 Resp: 618502
Ion Ratio Lower Upper
112 100
114 32.6 22.2 41.2
77 55.4 49.0 73.6



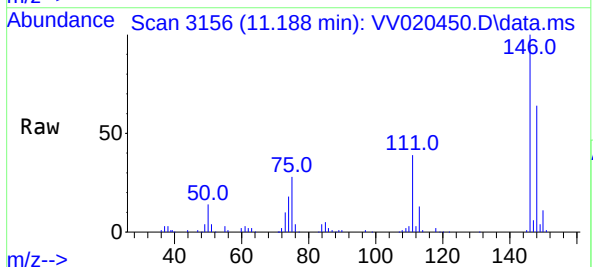
Instrument :
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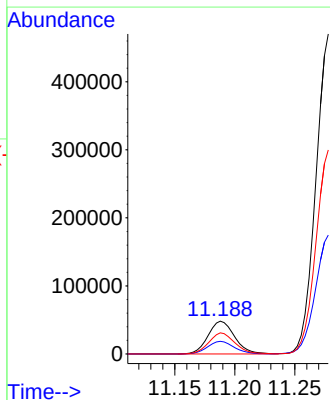
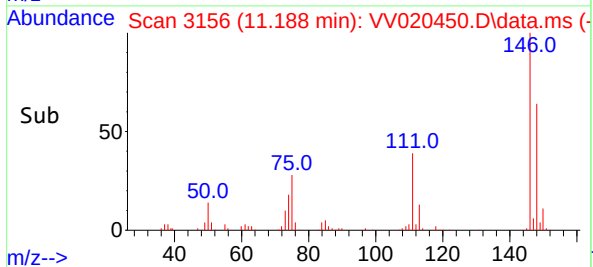
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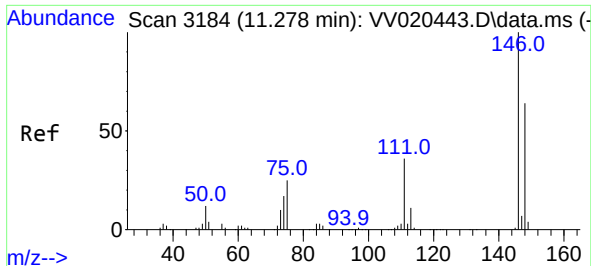


#62
1,3-Dichlorobenzene
Concen: 9.88 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020450.D
Acq: 03 Mar 2021 16:02



Tgt Ion:146 Resp: 74363
Ion Ratio Lower Upper
146 100
111 38.8 30.2 56.2
148 64.3 45.0 83.6





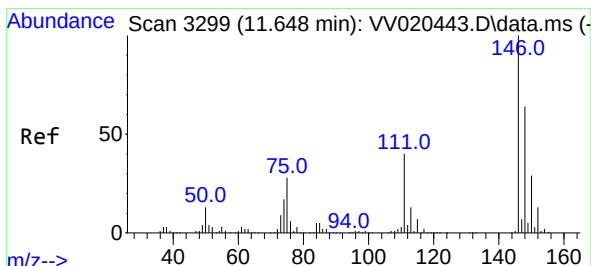
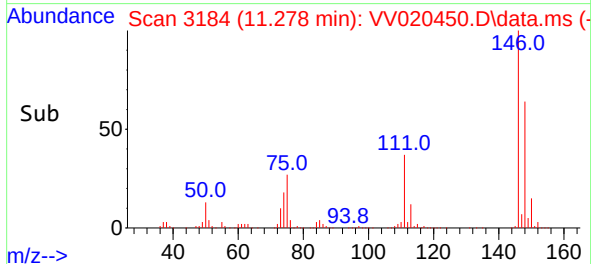
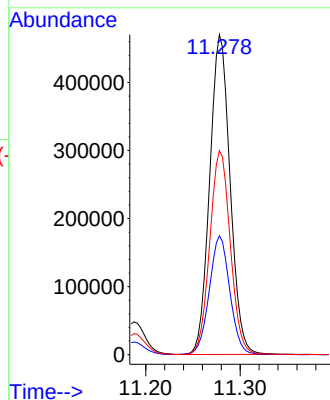
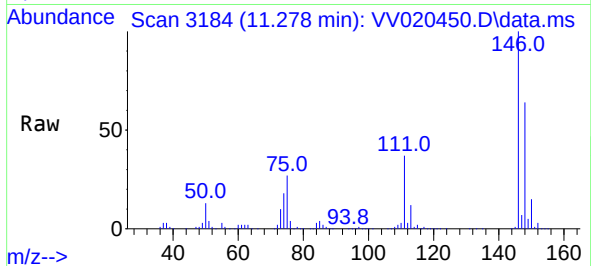
#63
1,4-Dichlorobenzene
Concen: 91.26 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020450.D
Acq: 03 Mar 2021 16:02

Tgt Ion:146 Resp: 704353
Ion Ratio Lower Upper
146 100
111 37.2 29.4 54.6
148 63.8 44.7 83.1

Instrument :
MSVOA_V
ClientSampled :
C0FZ6

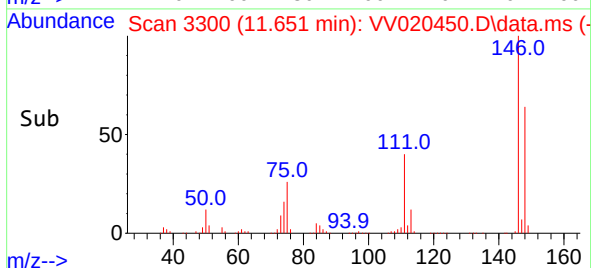
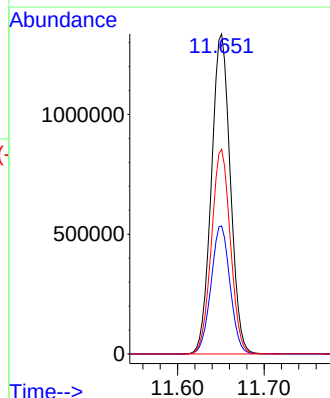
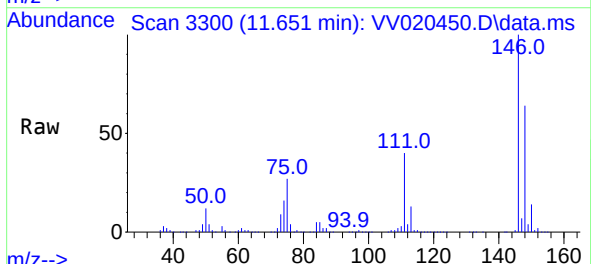
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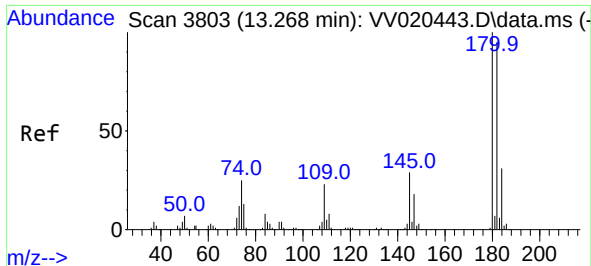
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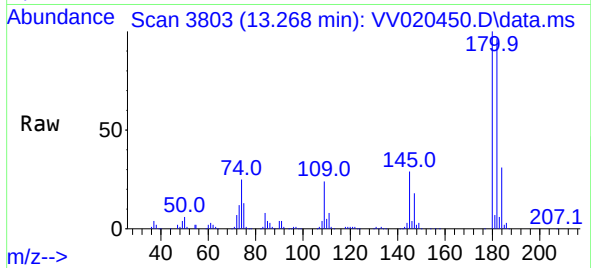
#65
1,2-Dichlorobenzene
Concen: 270.31 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020450.D
Acq: 03 Mar 2021 16:02

Tgt Ion:146 Resp: 2031315
Ion Ratio Lower Upper
146 100
111 40.0 36.3 54.5
148 64.0 51.7 77.5

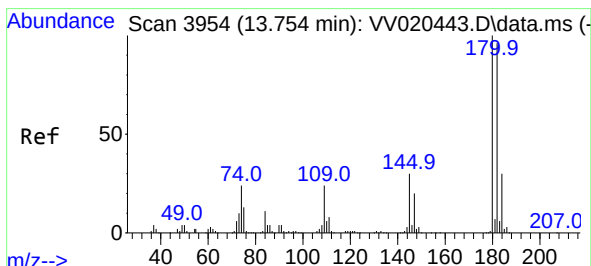
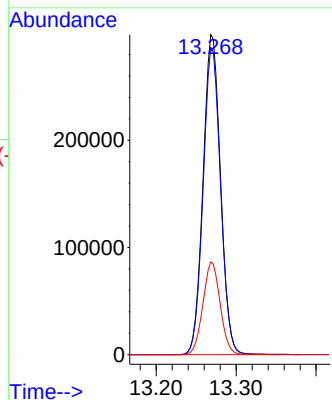
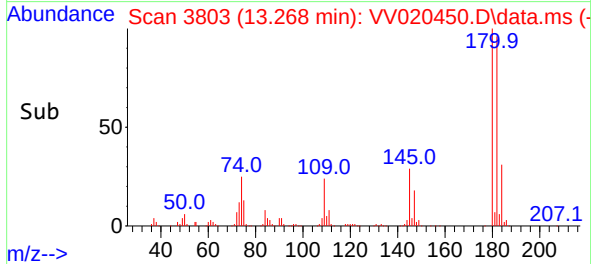




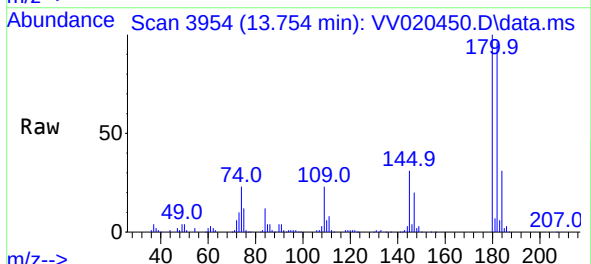
#68
1,2,4-trichlorobenzene
Concen: 87.03 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020450.D
Acq: 03 Mar 2021 16:02



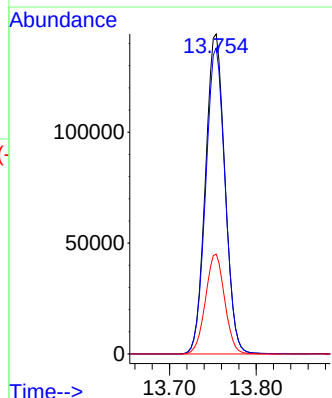
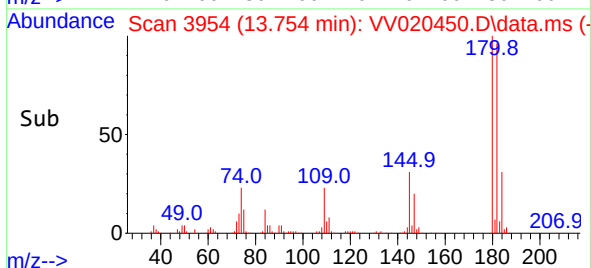
Tgt Ion:180 Resp: 453888
Ion Ratio Lower Upper
180 100
182 95.8 75.1 112.7
145 28.6 26.8 40.2



#70
1,2,3-Trichlorobenzene
Concen: 43.32 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020450.D
Acq: 03 Mar 2021 16:02



Tgt Ion:180 Resp: 224948
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
145 30.7 27.9 41.9



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