

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042321\
 Data File : VW021124.D
 Acq On : 23 Apr 2021 17:02
 Operator : SY/MD
 Sample : M2144-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GH0

Manual Integrations
 APPROVED

MMDadoda
 4/26/2021 2:53:40 PM

Quant Time: Apr 24 03:45:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 24 03:42:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	685423	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	690840	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	377037	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	193533	34.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.72%		
7) Chloroethane-d5	1.571	69	153370	37.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.04%		
11) 1,1-Dichloroethene-d2	2.108	63	292923	28.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.40%#		
21) 2-Butanone-d5	3.918	46	273399m	99.41	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.41%		
24) Chloroform-d	4.352	84	409453	40.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.56%		
26) 1,2-Dichloroethane-d4	5.037	65	286859	44.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.88%		
32) Benzene-d6	5.053	84	742477	40.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.70%		
36) 1,2-Dichloropropane-d6	6.072	67	231801	42.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.42%		
41) Toluene-d8	7.320	98	692397	38.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.76%#		
43) trans-1,3-Dichloroprop...	7.625	79	120498	40.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.30%		
47) 2-Hexanone-d5	8.095	63	218021	100.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.09%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	344773	41.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.24%		
66) 1,2-Dichlorobenzene-d4	11.632	152	343641m	46.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.28%		
Target Compounds					Qvalue	
13) Acetone	2.208	43	113976m	44.37	ug/L	
33) Benzene	5.105	78	185695	9.64	ug/L	100
51) Chlorobenzene	8.886	112	3221374	221.55	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	310260	27.63	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	3034504	263.07	ug/L	100
67) 1,2-Dichlorobenzene	11.651	146	7013054	605.09	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	1396741	195.15	ug/L	99
72) 1,2,3-Trichlorobenzene	13.751	180	590369	80.84	ug/L	100

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

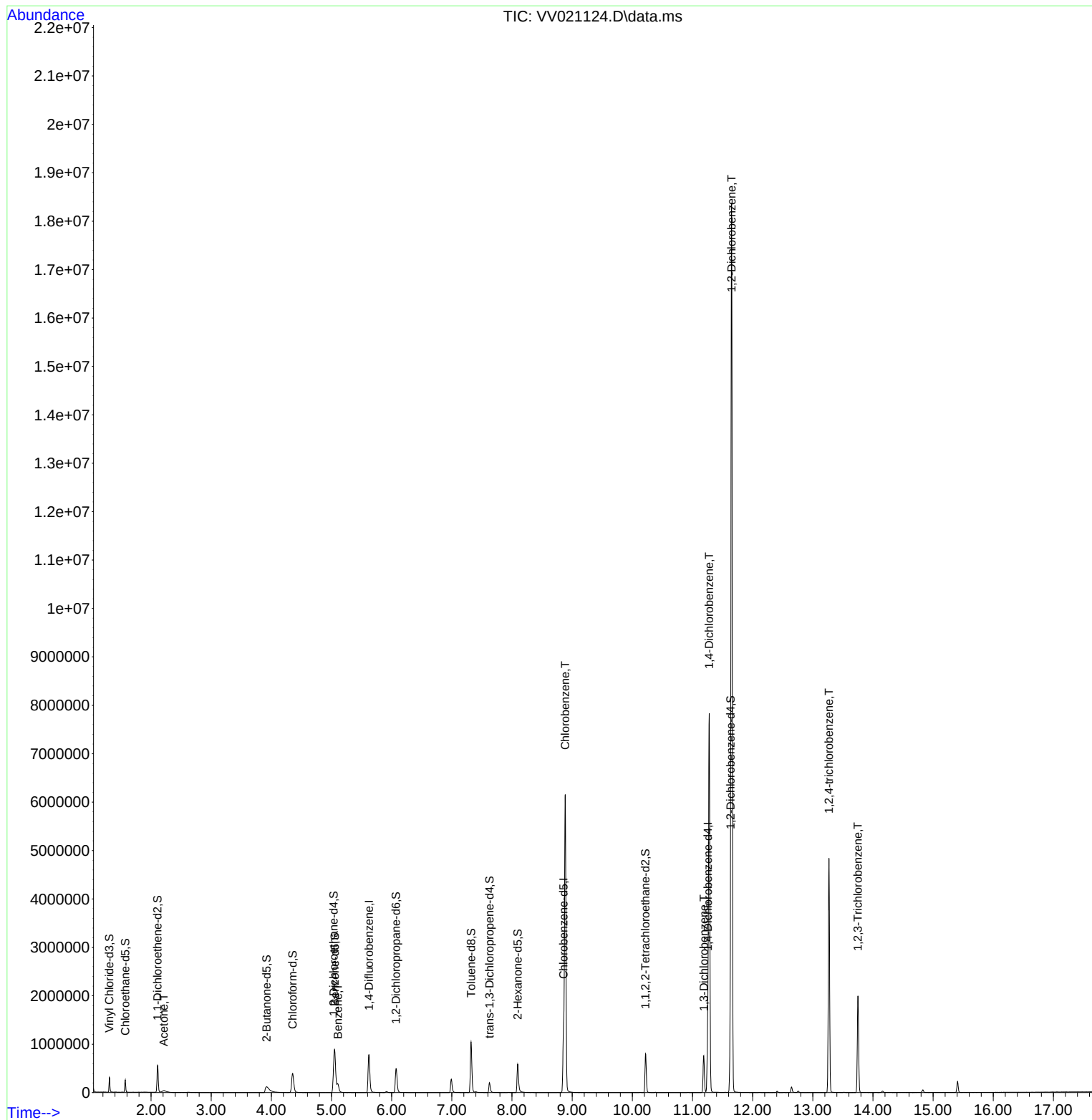
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Data File : VV021124.D
Acq On : 23 Apr 2021 17:02
Operator : SY/MD
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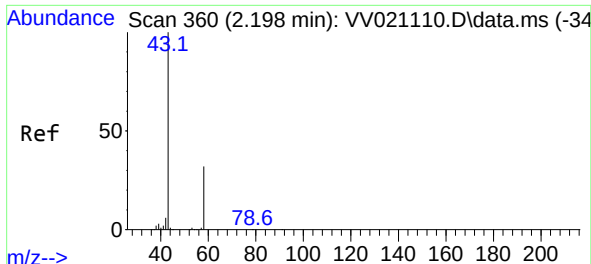
Instrument :
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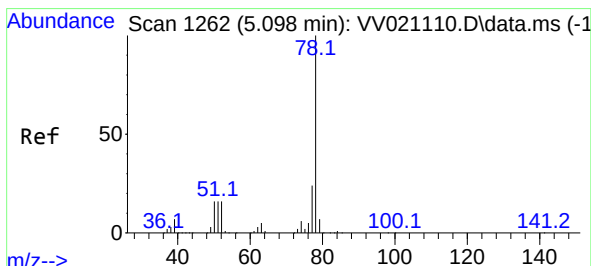
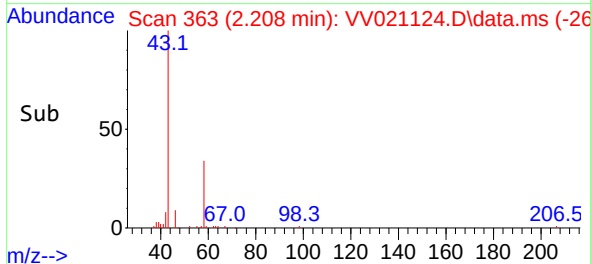
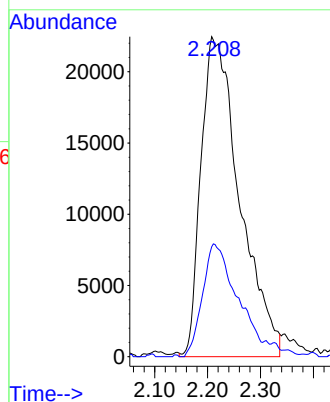
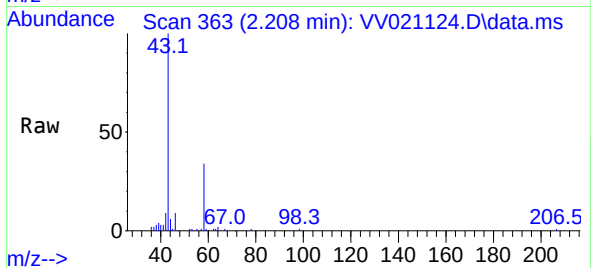
#13
Acetone
Concen: 44.37 ug/L m
RT: 2.208 min Scan# 363
Delta R.T. 0.010 min
Lab File: VV021124.D
Acq: 23 Apr 2021 17:02

Tgt Ion: 43 Resp: 113976
Ion Ratio Lower Upper
43 100
58 0.0 0.0 30.8

Instrument :
MSVOA_V
ClientSampled :
C0GH0

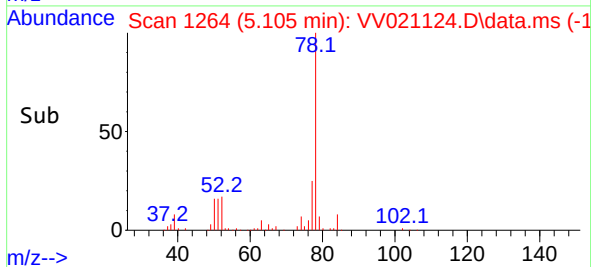
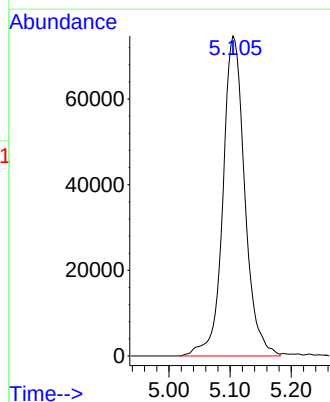
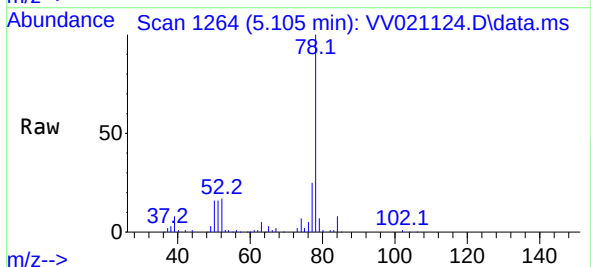
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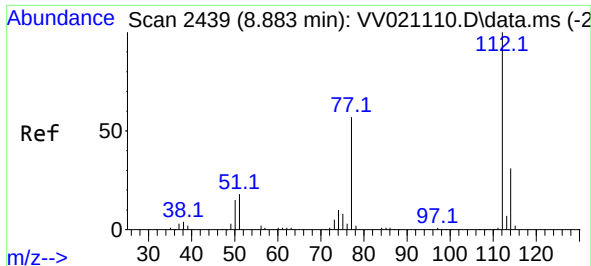
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#33
Benzene
Concen: 9.64 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV021124.D
Acq: 23 Apr 2021 17:02

Tgt Ion: 78 Resp: 185695





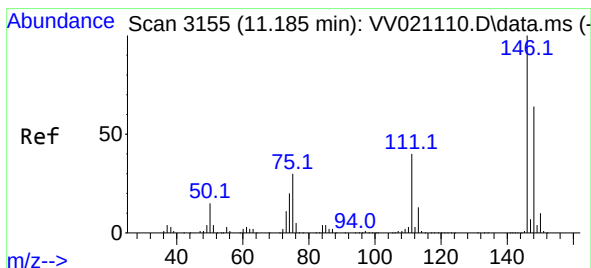
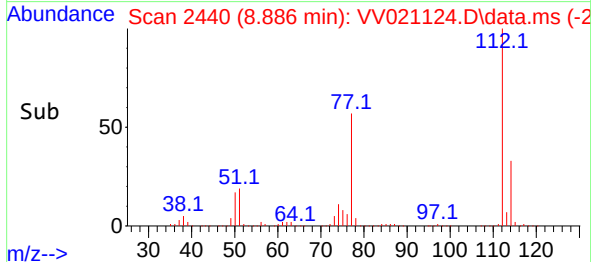
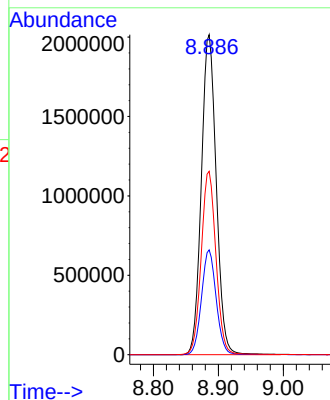
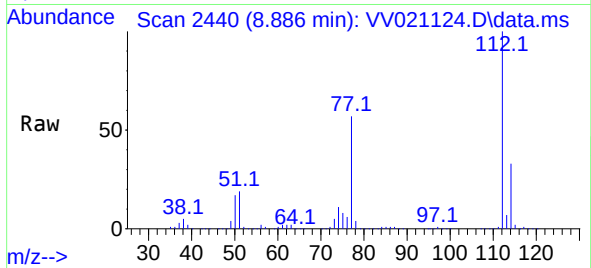
#51
Chlorobenzene
Concen: 221.55 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021124.D
Acq: 23 Apr 2021 17:02

Tgt Ion:112 Resp: 3221374
Ion Ratio Lower Upper
112 100
114 32.7 22.8 42.4
77 57.3 44.2 66.2

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C0GH0

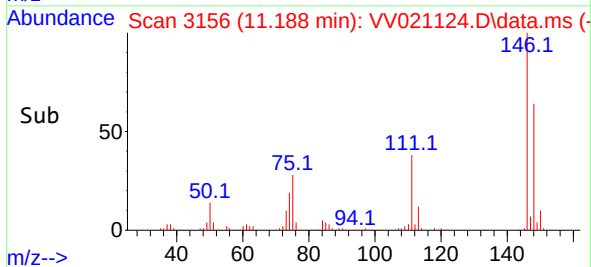
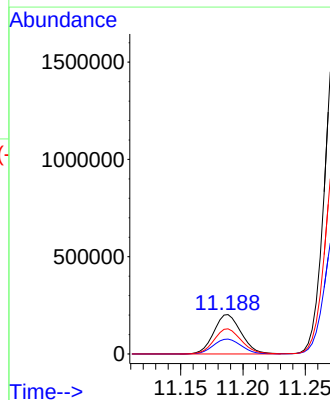
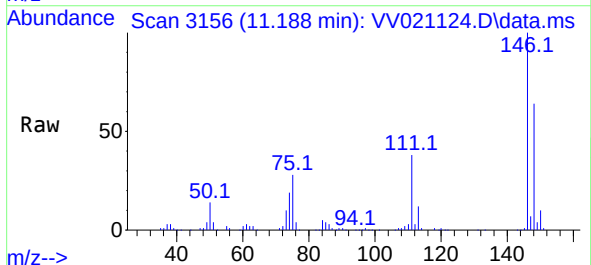
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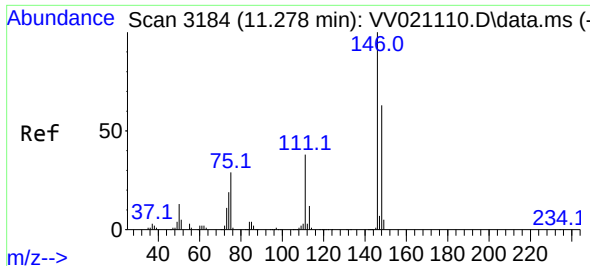
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#64
1,3-Dichlorobenzene
Concen: 27.63 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021124.D
Acq: 23 Apr 2021 17:02

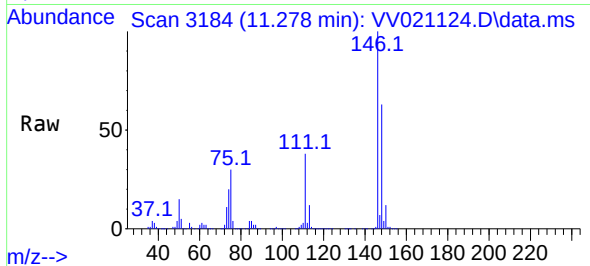
Tgt Ion:146 Resp: 310260
Ion Ratio Lower Upper
146 100
111 37.8 27.6 51.2
148 63.7 45.1 83.7





#65
1,4-Dichlorobenzene
Concen: 263.07 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV021124.D
Acq: 23 Apr 2021 17:02

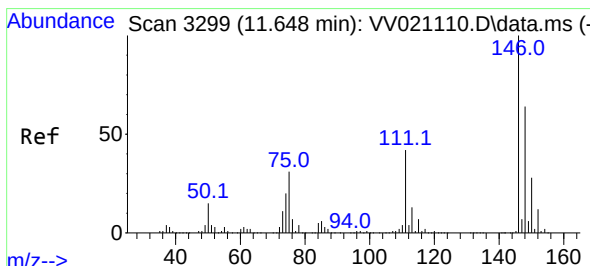
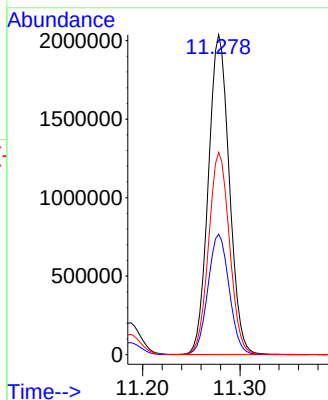
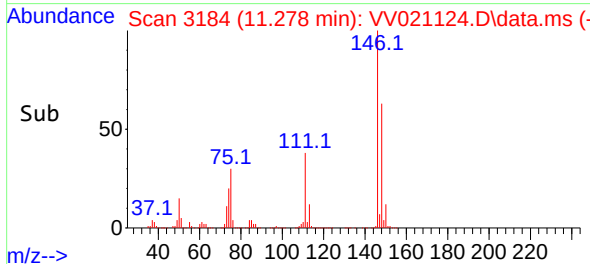
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MSVOA_V
ClientSampleId :
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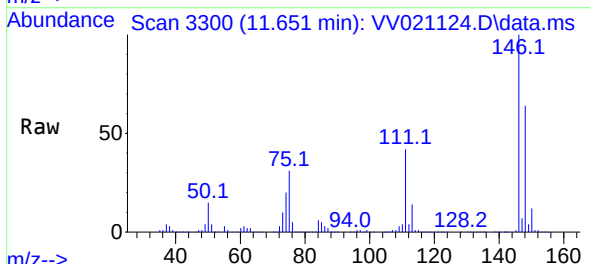
Tgt Ion:146 Resp: 3034504
Ion Ratio Lower Upper
146 100
111 37.7 26.3 48.9
148 63.3 44.7 82.9

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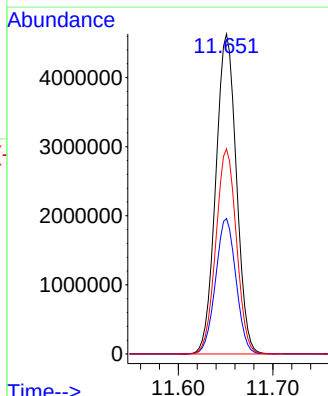
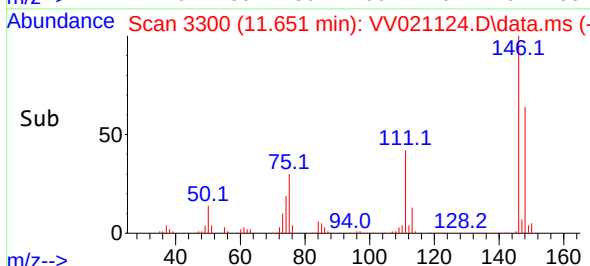
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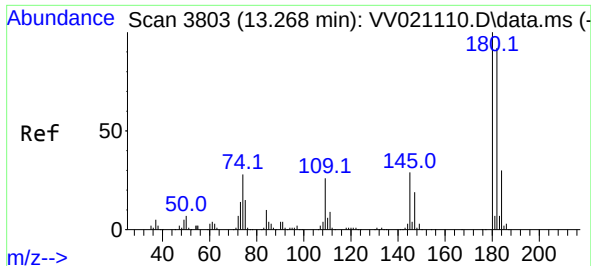


#67
1,2-Dichlorobenzene
Concen: 605.09 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021124.D
Acq: 23 Apr 2021 17:02



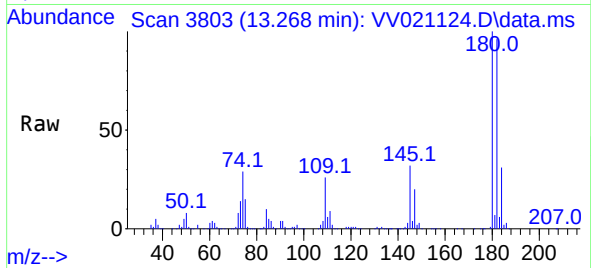
Tgt Ion:146 Resp: 7013054
Ion Ratio Lower Upper
146 100
111 42.4 33.2 49.8
148 64.1 50.6 75.8





#70
1,2,4-trichlorobenzene
Concen: 195.15 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV021124.D
Acq: 23 Apr 2021 17:02

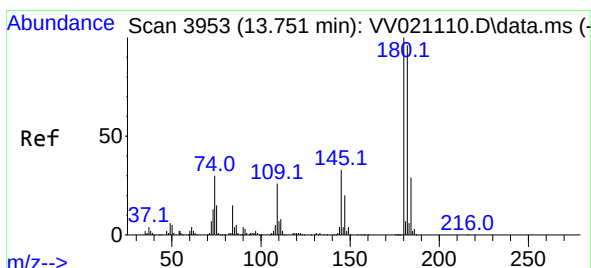
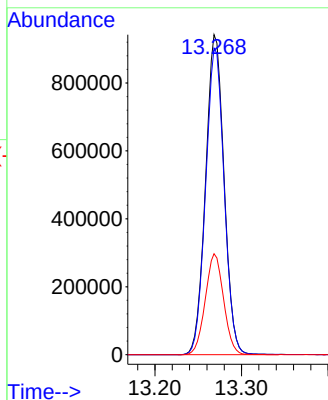
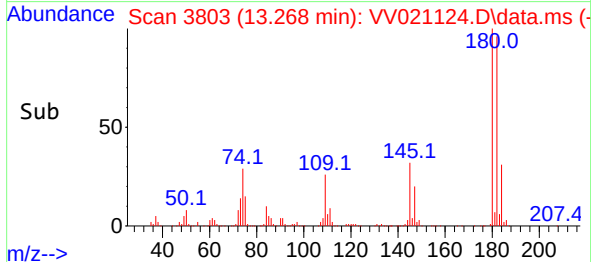
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MSVOA_V
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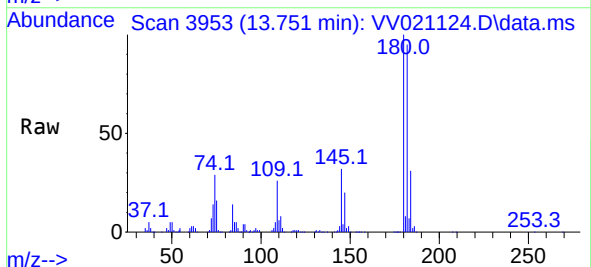
Tgt Ion:180 Resp: 1396741
Ion Ratio Lower Upper
180 100
182 95.9 77.5 116.3
145 31.3 24.3 36.5

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 80.84 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV021124.D
Acq: 23 Apr 2021 17:02



Tgt Ion:180 Resp: 590369
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 31.6 25.0 37.6

