

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030421\
 Data File : VV020461.D
 Acq On : 04 Mar 2021 11:17
 Operator : SY/MD
 Sample : M1546-03DL 400X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FZ4DL

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:11:01 AM

Quant Time: Mar 04 12:34:22 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	482758	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	484490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	252190	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	148881	42.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.60%		
7) Chloroethane-d5	1.568	69	132100	45.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.48%		
11) 1,1-Dichloroethene-d2	2.108	63	214595	32.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.50%		
21) 2-Butanone-d5	3.892	46	193217	98.26	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.26%		
24) Chloroform-d	4.349	84	311785	49.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.56%		
26) 1,2-Dichloroethane-d4	5.034	65	202317	50.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.90%		
32) Benzene-d6	5.050	84	622996	49.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.26%		
36) 1,2-Dichloropropane-d6	6.072	67	194278	51.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.68%		
41) Toluene-d8	7.317	98	573158	48.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.18%		
43) trans-1,3-Dichloroprop...	7.622	79	85920	44.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.96%		
47) 2-Hexanone-d5	8.091	63	125835	80.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.71%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	243151	45.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.38%		
64) 1,2-Dichlorobenzene-d4	11.632	152	274950	57.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	115.24%		
Target Compounds						Qvalue
25) Chloroform	4.378	83	12732m	2.16	ug/L	
33) Benzene	5.101	78	101900	7.87	ug/L	100
51) Chlorobenzene	8.886	112	510265	53.38	ug/L	94
62) 1,3-Dichlorobenzene	11.188	146	25730	3.45	ug/L	95
63) 1,4-Dichlorobenzene	11.278	146	210686	27.54	ug/L	95
65) 1,2-Dichlorobenzene	11.648	146	263569	35.39	ug/L	96
68) 1,2,4-trichlorobenzene	13.271	180	35373	6.84	ug/L	94
70) 1,2,3-Trichlorobenzene	13.754	180	9085	1.77	ug/L	99

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

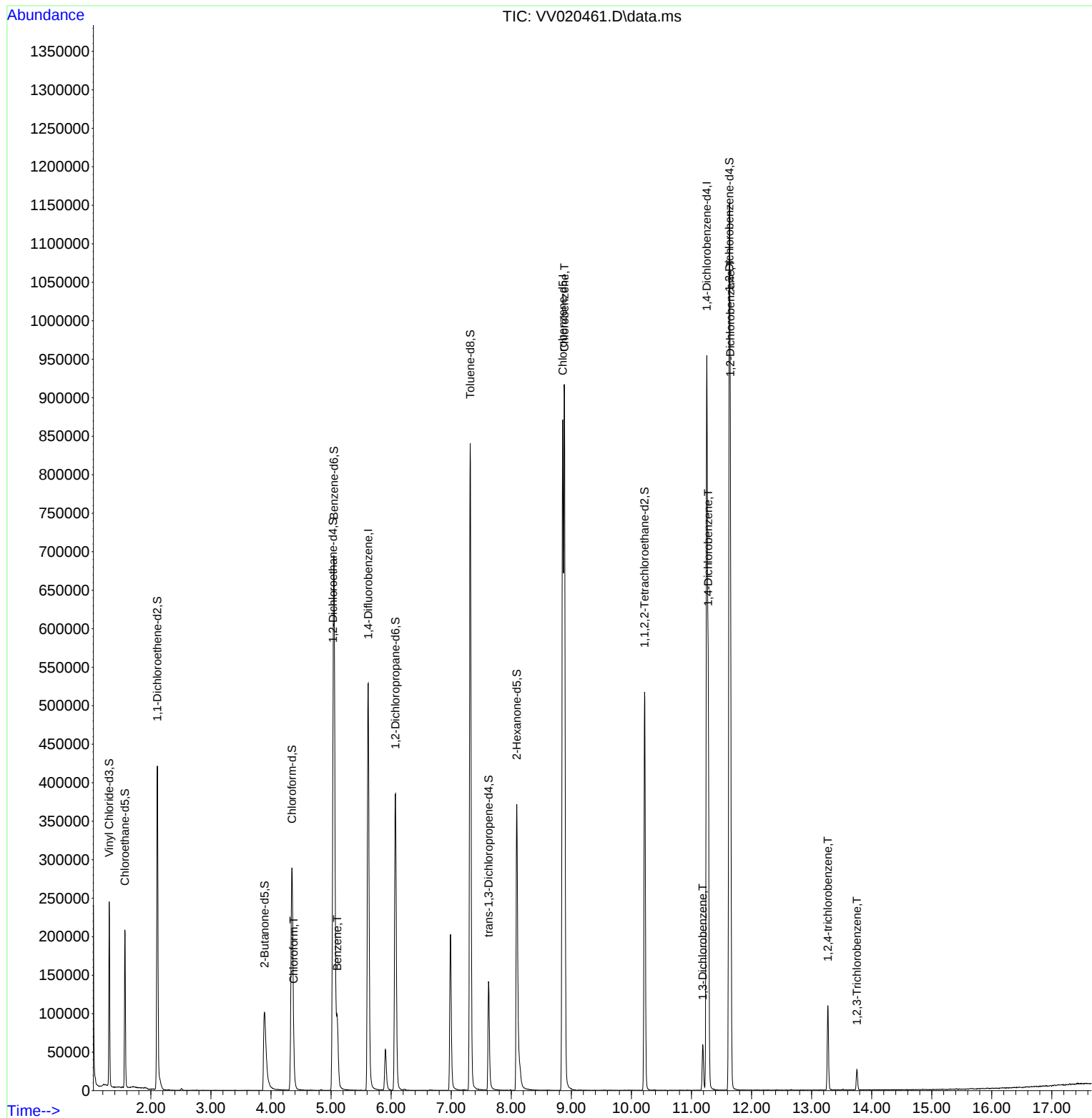
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030421\
Data File : VV020461.D
Acq On : 04 Mar 2021 11:17
Operator : SY/MD
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ALS Vial : 22 Sample Multiplier: 1

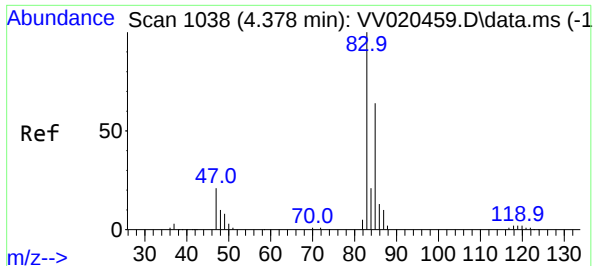
Instrument :
MSVOA_V
ClientSampleId :
C0FZ4DL

Manual Integrations
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3/5/2021 10:11:01 AM

Quant Time: Mar 04 12:34:22 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





#25

Chloroform

Concen: 2.16 ug/L m

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV020461.D

Acq: 04 Mar 2021 11:17

Tgt Ion: 83 Resp: 12732

Ion Ratio Lower Upper

83 100

85 71.0 44.2 82.2

Instrument :

MSVOA_V

ClientSampleId :

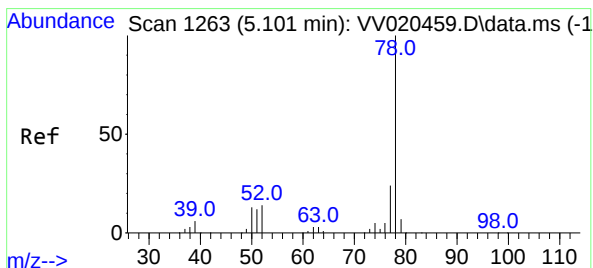
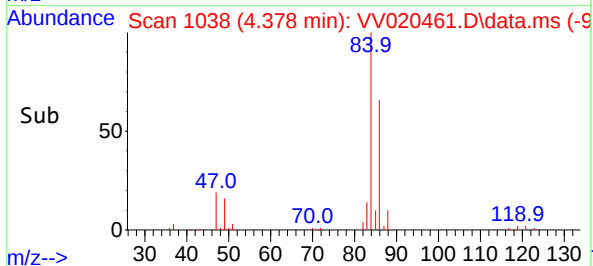
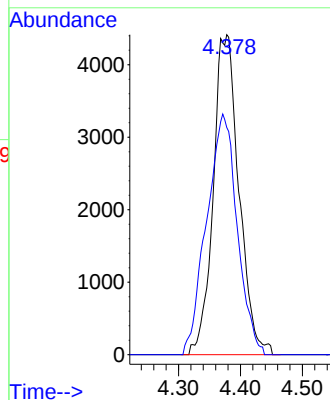
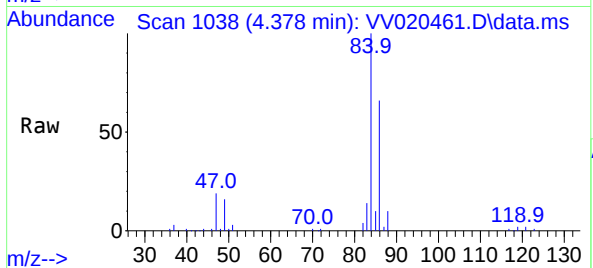
C0FZ4DL

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#33

Benzene

Concen: 7.87 ug/L

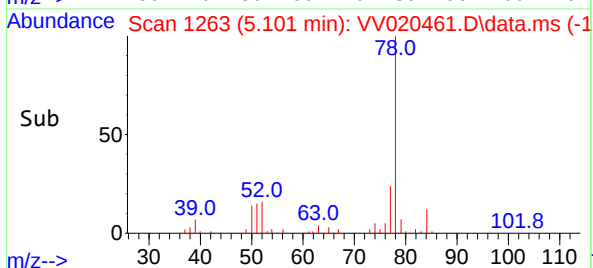
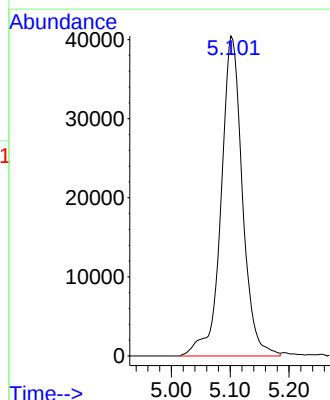
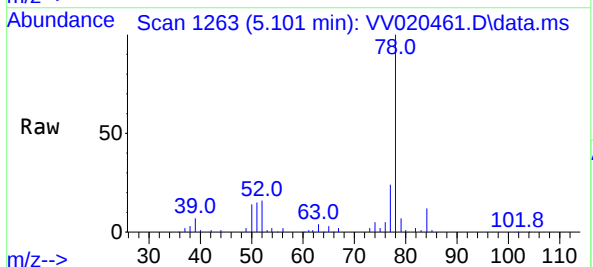
RT: 5.101 min Scan# 1263

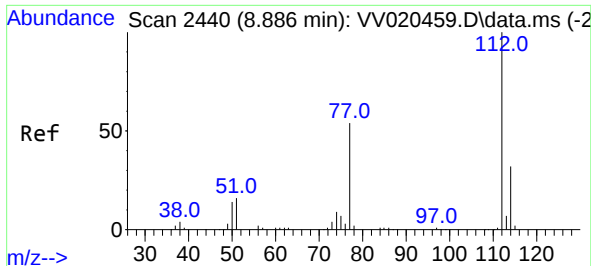
Delta R.T. 0.003 min

Lab File: VV020461.D

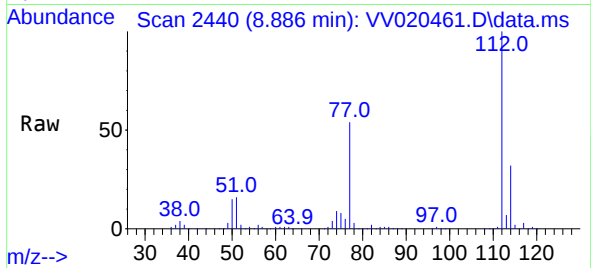
Acq: 04 Mar 2021 11:17

Tgt Ion: 78 Resp: 101900

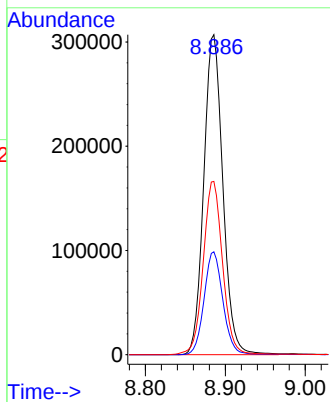
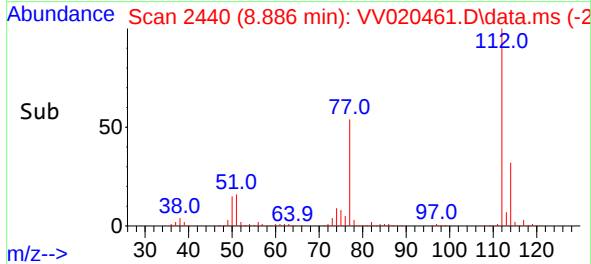




#51
Chlorobenzene
Concen: 53.38 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17



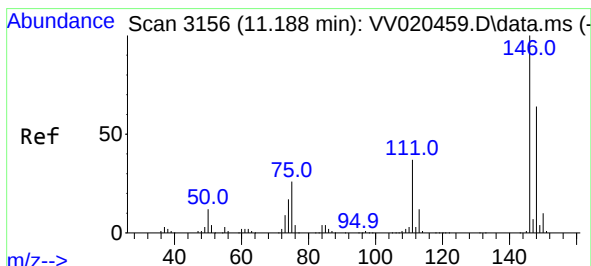
Tgt Ion:112 Resp: 510265
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 54.2 49.0 73.6



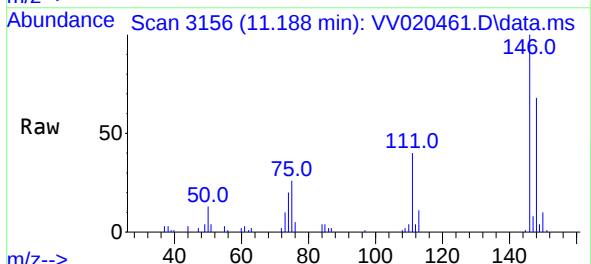
Instrument :
MSVOA_V
ClientSampleId :
C0FZ4DL

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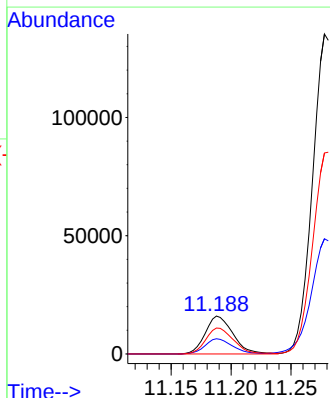
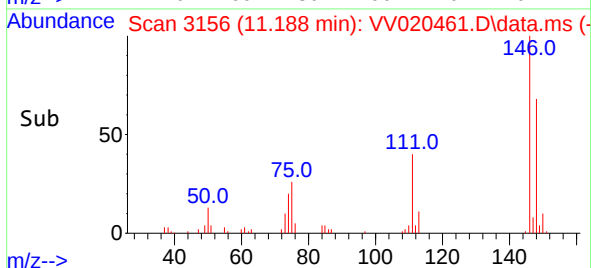
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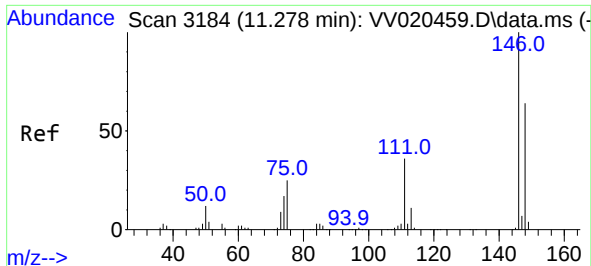


#62
1,3-Dichlorobenzene
Concen: 3.45 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17

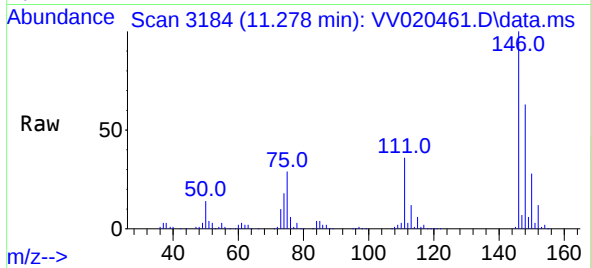


Tgt Ion:146 Resp: 25730
Ion Ratio Lower Upper
146 100
111 39.9 30.2 56.2
148 68.1 45.0 83.6

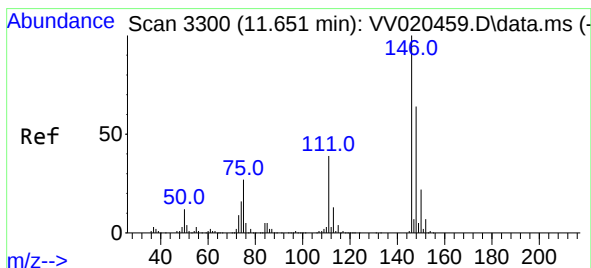
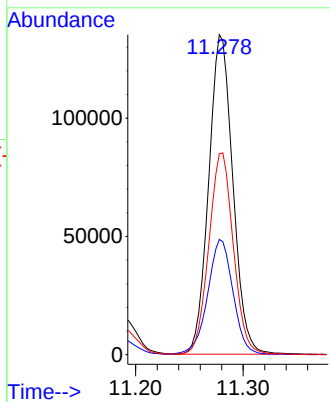
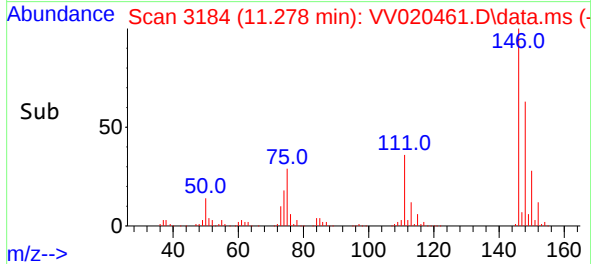




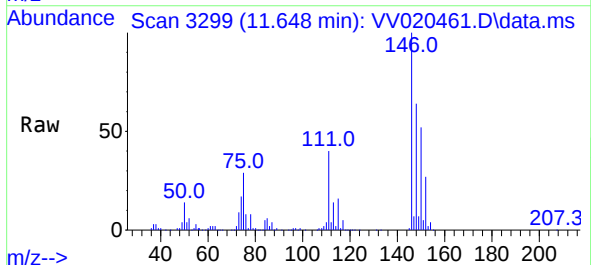
#63
1,4-Dichlorobenzene
Concen: 27.54 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17



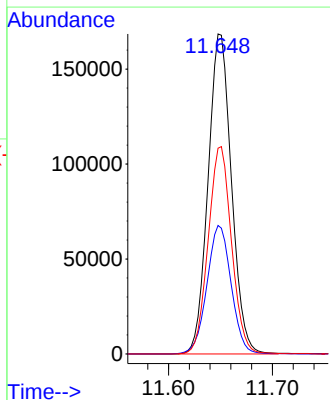
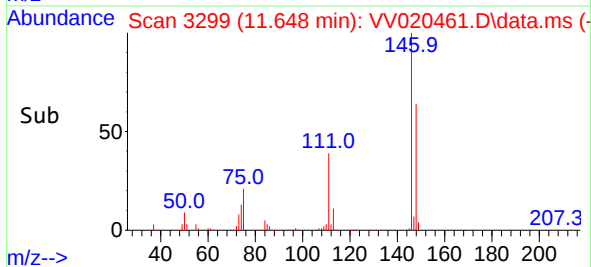
Tgt Ion:146 Resp: 210686
Ion Ratio Lower Upper
146 100
111 36.0 29.4 54.6
148 62.8 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 35.39 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17



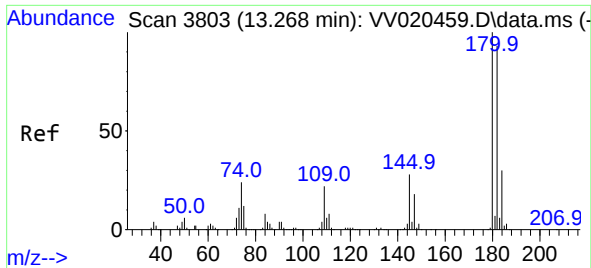
Tgt Ion:146 Resp: 263569
Ion Ratio Lower Upper
146 100
111 40.1 36.3 54.5
148 64.3 51.7 77.5



Instrument :
MSVOA_V
ClientSampled :
C0FZ4DL

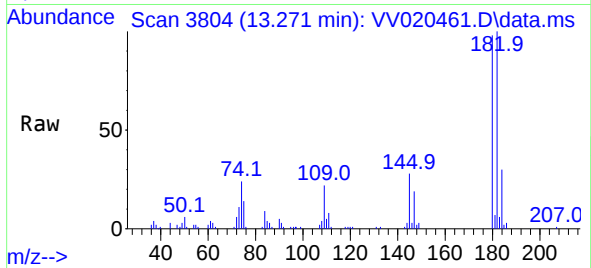
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3/5/2021 10:11:01 AM



#68
1,2,4-trichlorobenzene
Concen: 6.84 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17

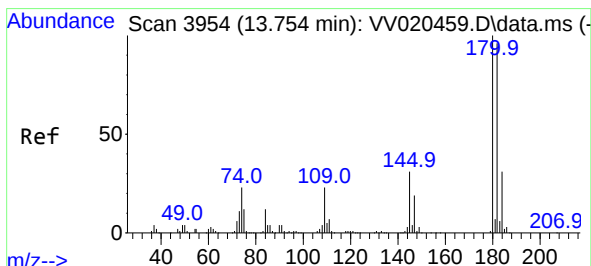
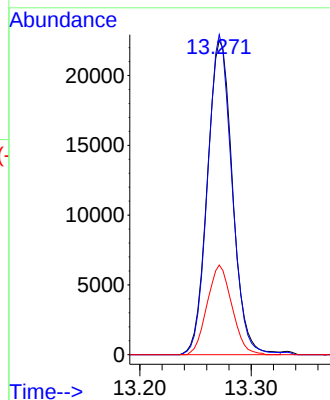
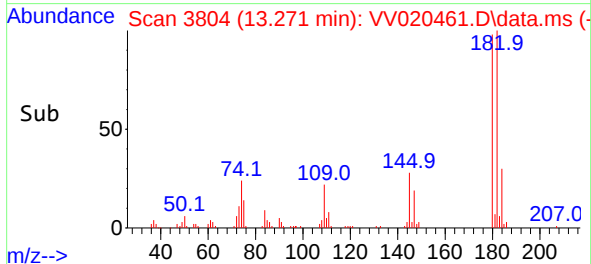
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ClientSampleID :
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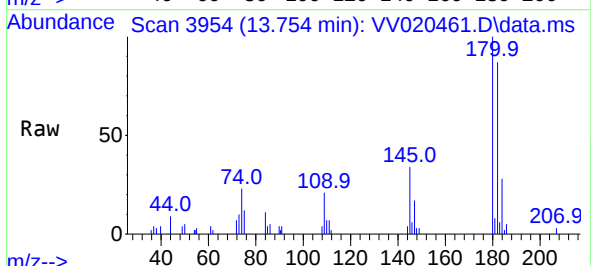
Tgt Ion:180 Resp: 35373
Ion Ratio Lower Upper
180 100
182 98.1 75.1 112.7
145 28.0 26.8 40.2

Manual Integrations
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#70
1,2,3-Trichlorobenzene
Concen: 1.77 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17



Tgt Ion:180 Resp: 9085
Ion Ratio Lower Upper
180 100
182 95.3 76.1 114.1
145 32.4 27.9 41.9

