

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030421\
 Data File : VW020454.D
 Acq On : 03 Mar 2021 17:36
 Operator : SY/MD
 Sample : M1546-03 40X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FZ4

Quant Time: Mar 04 00:39:57 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)

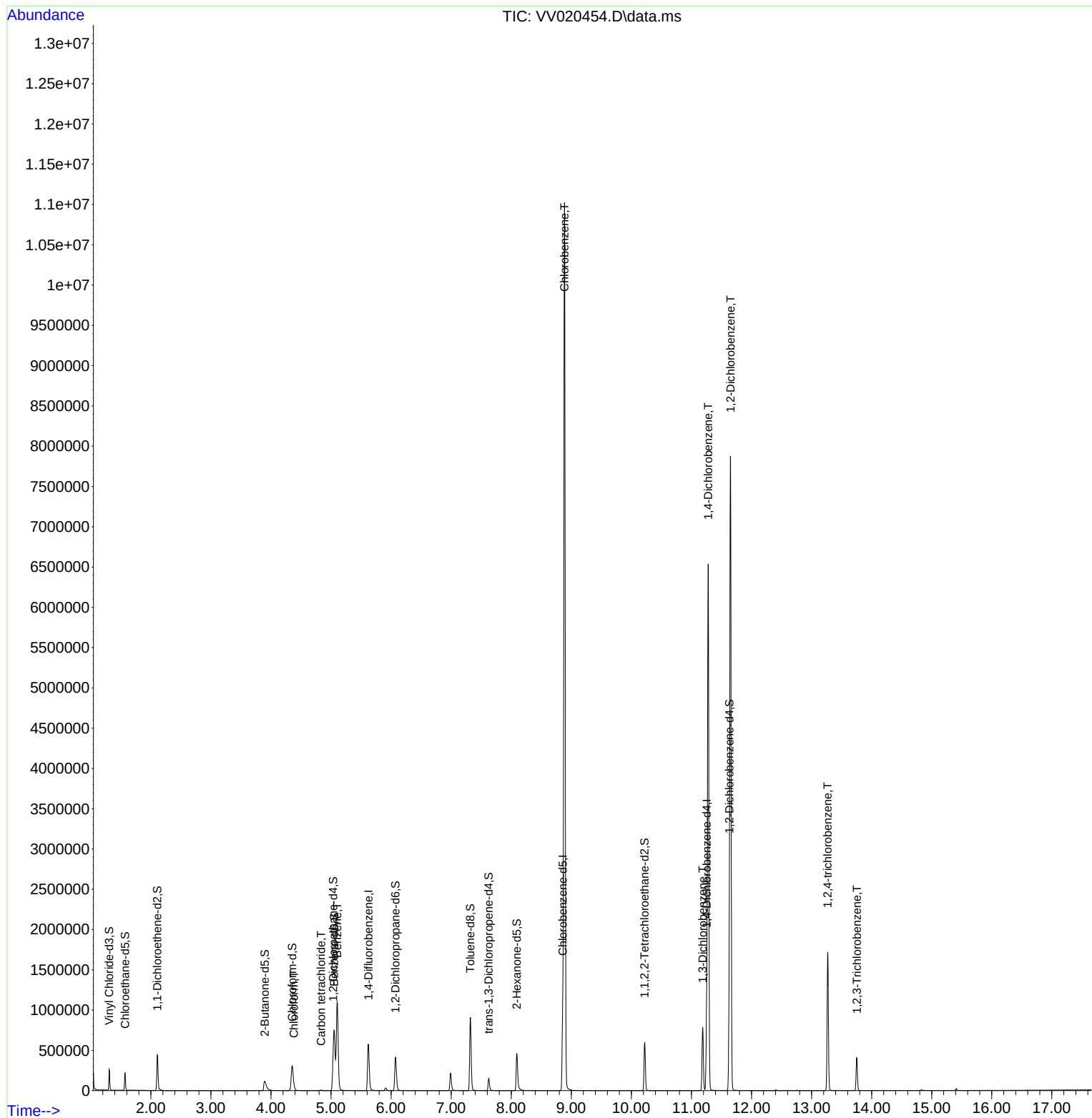
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	524978	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	531540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	292508	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	162930	42.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.14%		
7) Chloroethane-d5	1.571	69	141989	45.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.44%		
11) 1,1-Dichloroethene-d2	2.108	63	225158	31.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.24%		
21) 2-Butanone-d5	3.896	46	220049	102.91	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.91%		
24) Chloroform-d	4.352	84	326268	47.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.80%		
26) 1,2-Dichloroethane-d4	5.037	65	214880	49.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.52%		
32) Benzene-d6	5.053	84	664765	48.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.54%		
36) 1,2-Dichloropropane-d6	6.072	67	205032	49.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.74%		
41) Toluene-d8	7.320	98	611442	47.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.50%		
43) trans-1,3-Dichloroprop...	7.625	79	90969	43.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.82%		
47) 2-Hexanone-d5	8.091	63	165514	96.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.77%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	277777	47.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.10%		
64) 1,2-Dichlorobenzene-d4	11.632	152	303599	54.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.70%		
Target Compounds						Qvalue
25) Chloroform	4.381	83	23348	3.64	ug/L	98
31) Carbon tetrachloride	4.834	117	5664	1.10	ug/L	98
33) Benzene	5.101	78	1153063	81.13	ug/L	100
51) Chlorobenzene	8.886	112	6004279	572.51	ug/L	94
62) 1,3-Dichlorobenzene	11.188	146	334696	38.68	ug/L	95
63) 1,4-Dichlorobenzene	11.278	146	2654728	299.21	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	3212920	371.91	ug/L	96
68) 1,2,4-trichlorobenzene	13.268	180	544388	90.80	ug/L	97
70) 1,2,3-Trichlorobenzene	13.754	180	129587	21.71	ug/L	96

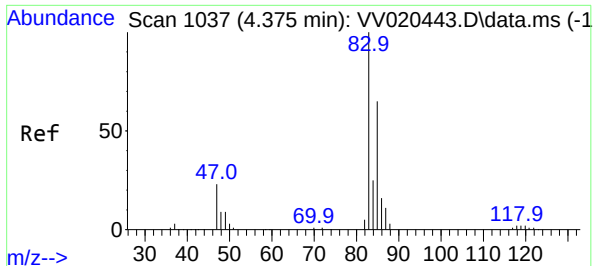
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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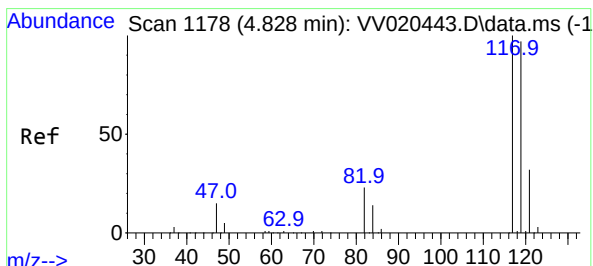
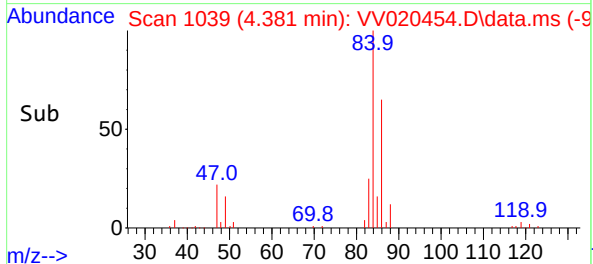
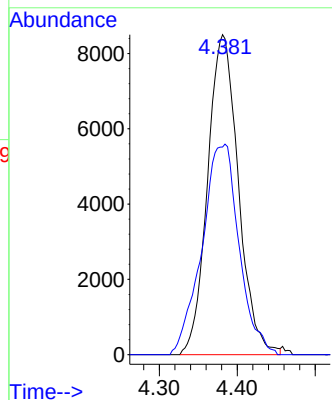
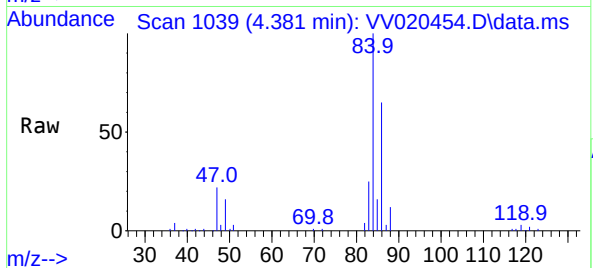


#25

Chloroform
Concen: 3.64 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

Instrument :
MSVOA_V
ClientSampled :
C0FZ4

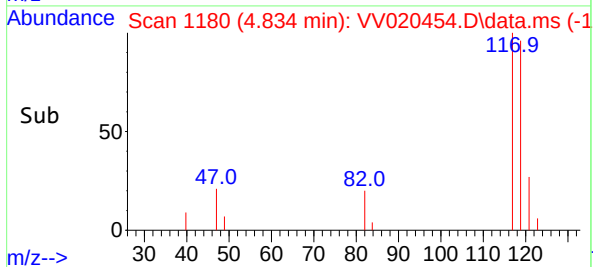
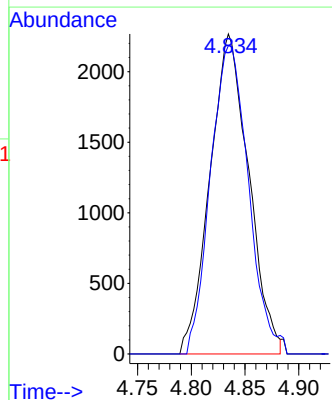
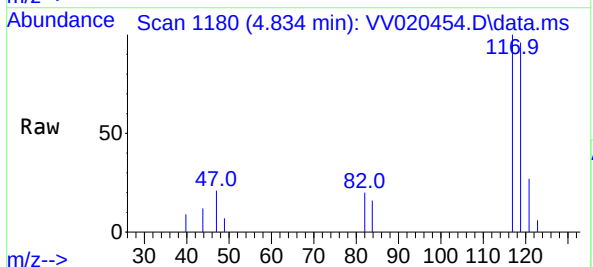
Tgt Ion: 83 Resp: 23348
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.2

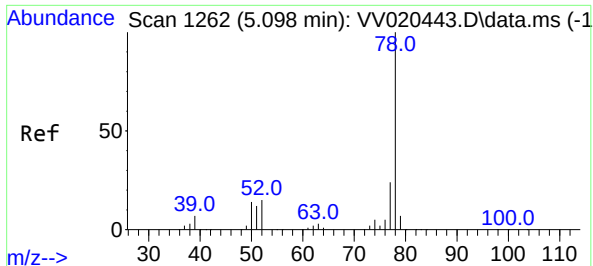


#31

Carbon tetrachloride
Concen: 1.10 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

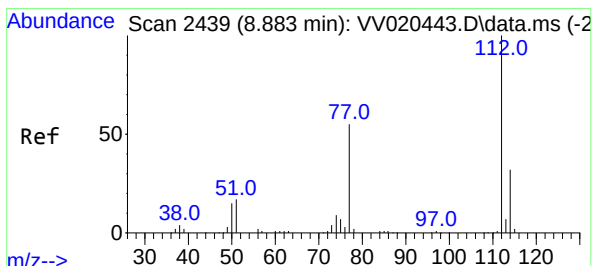
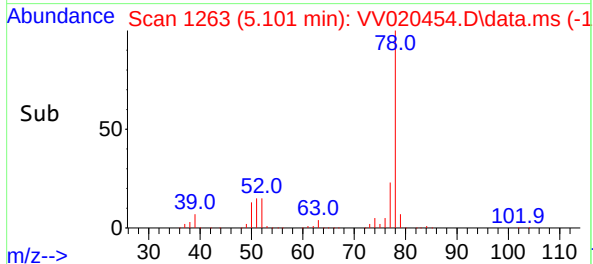
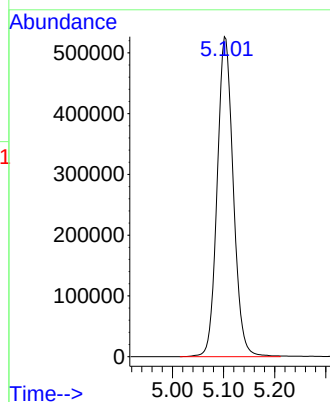
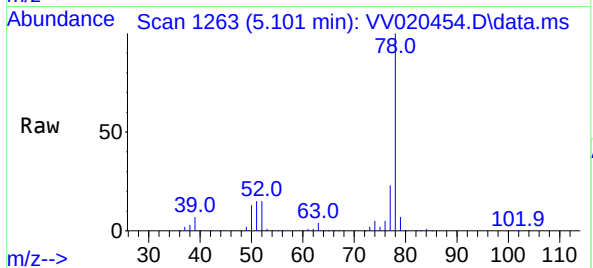
Tgt Ion: 117 Resp: 5664
Ion Ratio Lower Upper
117 100
119 93.6 76.3 114.5





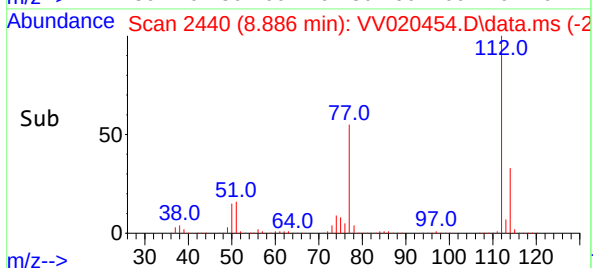
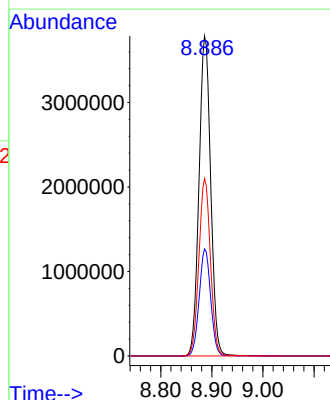
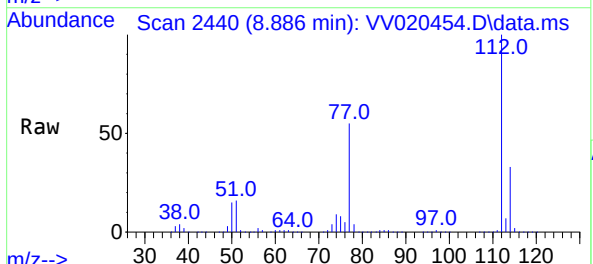
#33
Benzene
Concen: 81.13 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36
Tgt Ion: 78 Resp: 1153063

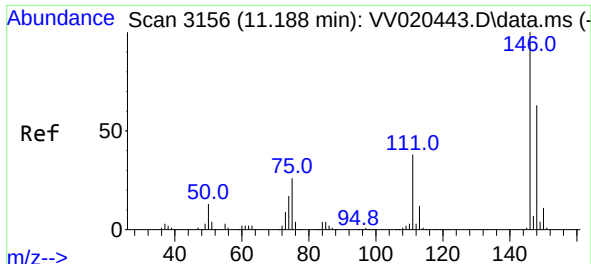
Instrument :
MSVOA_V
ClientSampled :
C0FZ4



#51
Chlorobenzene
Concen: 572.51 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36
Tgt Ion: 112 Resp: 6004279

Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.2	41.2
77	55.5	49.0	73.6

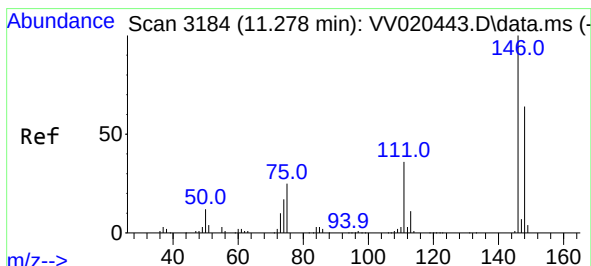
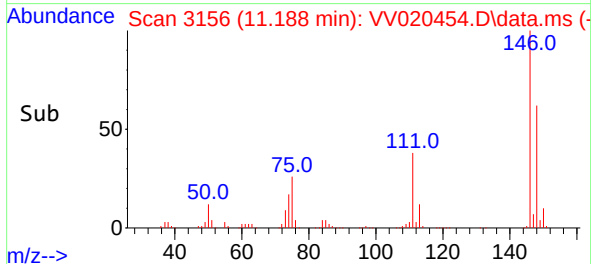
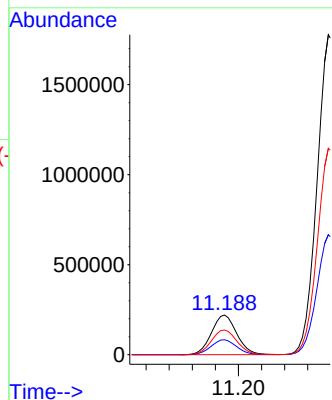
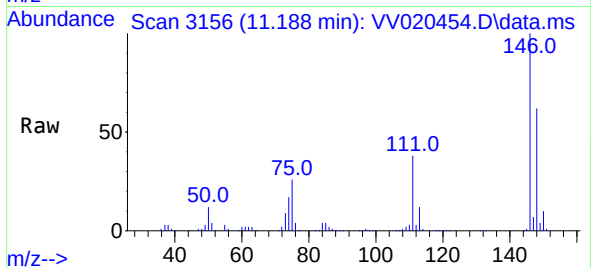




#62
1,3-Dichlorobenzene
Concen: 38.68 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

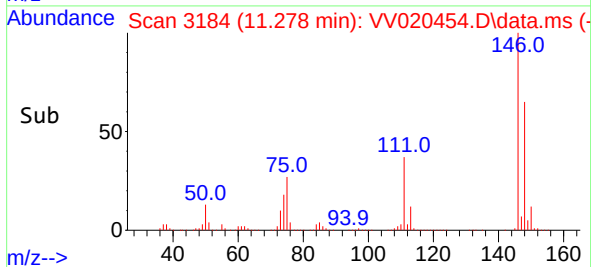
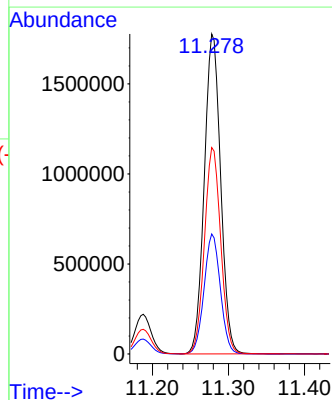
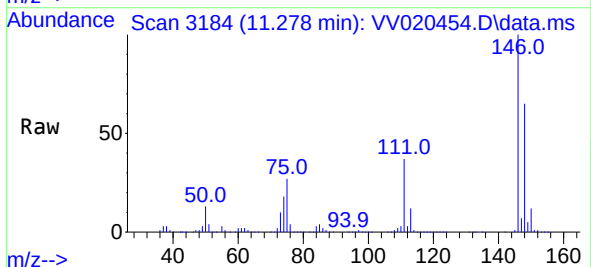
Instrument :
MSVOA_V
ClientSampleId :
C0FZ4

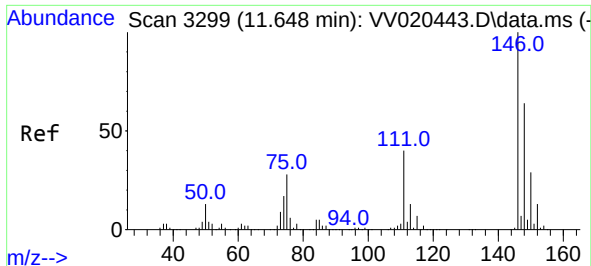
Tgt Ion:146 Resp: 334696
Ion Ratio Lower Upper
146 100
111 37.5 30.2 56.2
148 62.2 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 299.21 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

Tgt Ion:146 Resp: 2654728
Ion Ratio Lower Upper
146 100
111 37.5 29.4 54.6
148 64.5 44.7 83.1

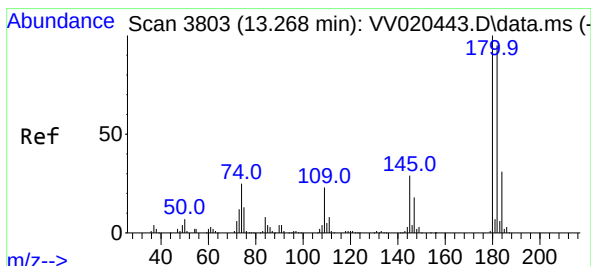
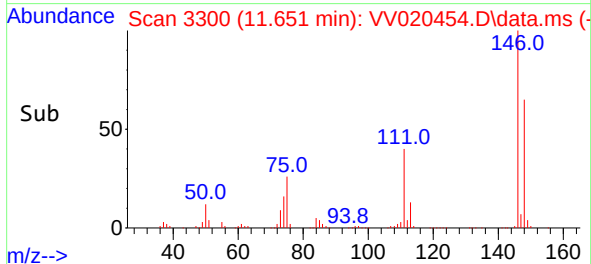
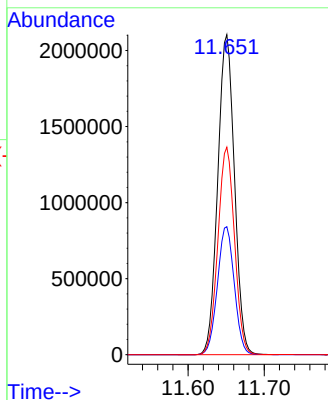
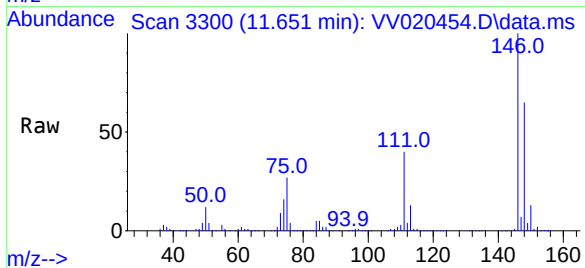




#65
1,2-Dichlorobenzene
Concen: 371.91 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

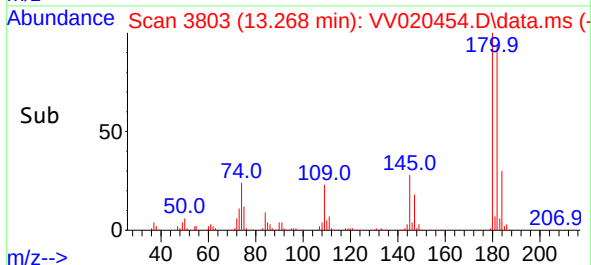
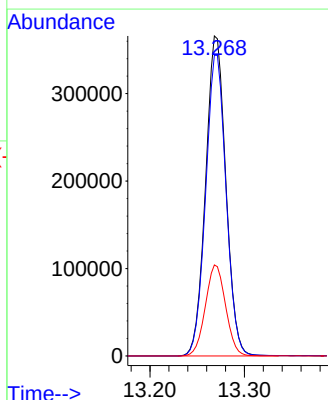
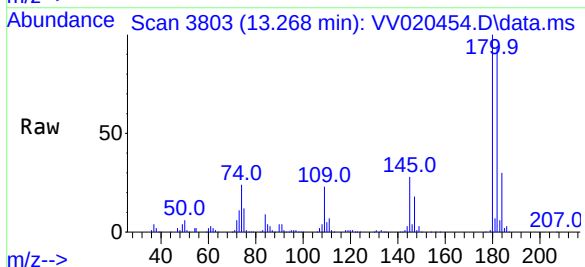
Instrument :
MSVOA_V
ClientSampled :
C0FZ4

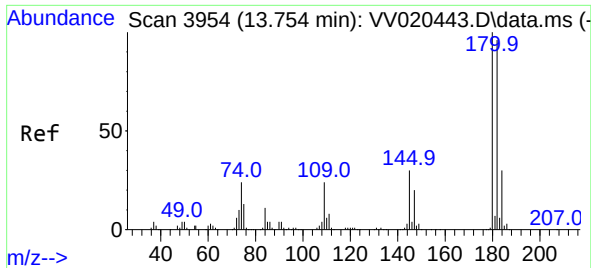
Tgt Ion:146 Resp: 3212920
Ion Ratio Lower Upper
146 100
111 40.0 36.3 54.5
148 64.8 51.7 77.5



#68
1,2,4-trichlorobenzene
Concen: 90.80 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

Tgt Ion:180 Resp: 544388
Ion Ratio Lower Upper
180 100
182 94.8 75.1 112.7
145 28.5 26.8 40.2





#70
 1,2,3-Trichlorobenzene
 Concen: 21.71 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. -0.000 min
 Lab File: VV020454.D
 Acq: 03 Mar 2021 17:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FZ4

Tgt Ion:180 Resp: 129587

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.1	114.1
145	30.3	27.9	41.9

