

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030421\
 Data File : VW020452.D
 Acq On : 03 Mar 2021 16:49
 Operator : SY/MD
 Sample : M1546-03 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FZ4

Quant Time: Mar 04 00:39:21 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)

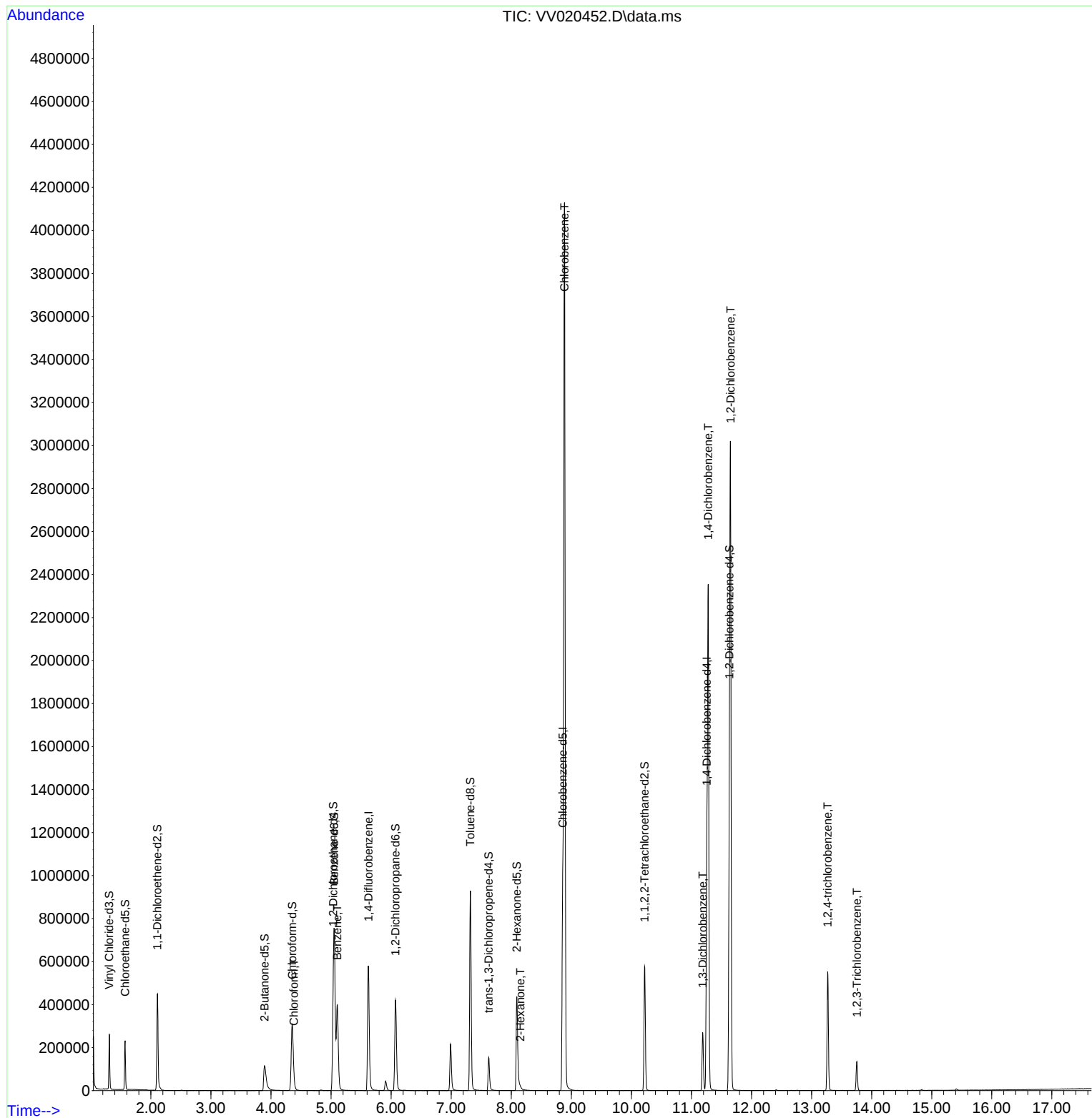
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	524343	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	523101	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	277541	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	162851	42.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.20%
7) Chloroethane-d5	1.571	69	144418	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.08%
11) 1,1-Dichloroethene-d2	2.108	63	230027	31.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.66%
21) 2-Butanone-d5	3.892	46	216735	101.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.48%
24) Chloroform-d	4.352	84	333303	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.037	65	219818	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
32) Benzene-d6	5.053	84	675247	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
36) 1,2-Dichloropropane-d6	6.072	67	208380	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.00%
41) Toluene-d8	7.320	98	617549	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloroprop...	7.625	79	91736	44.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.96%
47) 2-Hexanone-d5	8.092	63	149423	88.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.77%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	271357	46.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.42%
64) 1,2-Dichlorobenzene-d4	11.632	152	298333	56.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.62%
Target Compounds						
25) Chloroform	4.381	83	16830	2.62	ug/L	Qvalue 96
33) Benzene	5.105	78	423913	30.31	ug/L	100
48) 2-Hexanone	8.149	43	7604	2.22	ug/L	# 47
51) Chlorobenzene	8.886	112	2227842	215.85	ug/L	94
62) 1,3-Dichlorobenzene	11.188	146	116245	14.16	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	946810	112.47	ug/L	96
65) 1,2-Dichlorobenzene	11.651	146	1170776	142.83	ug/L	96
68) 1,2,4-trichlorobenzene	13.268	180	176439	31.02	ug/L	97
70) 1,2,3-Trichlorobenzene	13.754	180	43855	7.74	ug/L	97

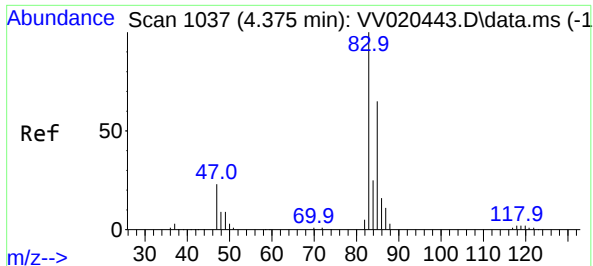
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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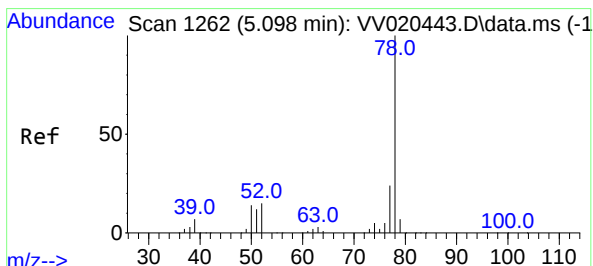
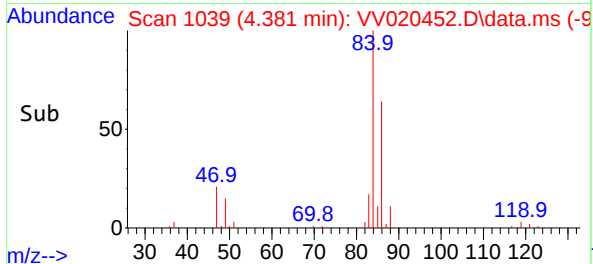
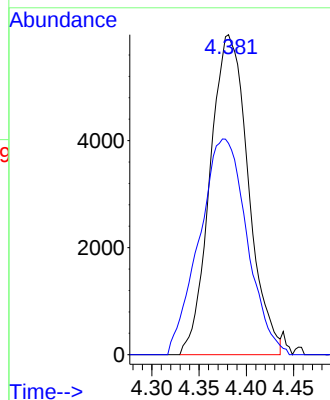
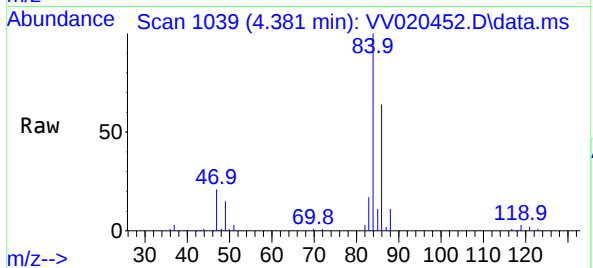


#25

Chloroform
 Concen: 2.62 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VV020452.D
 Acq: 03 Mar 2021 16:49

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FZ4

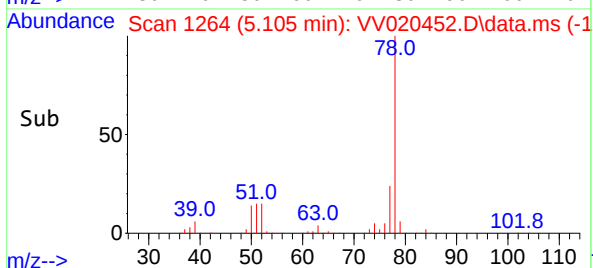
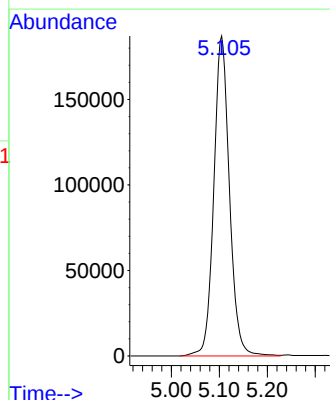
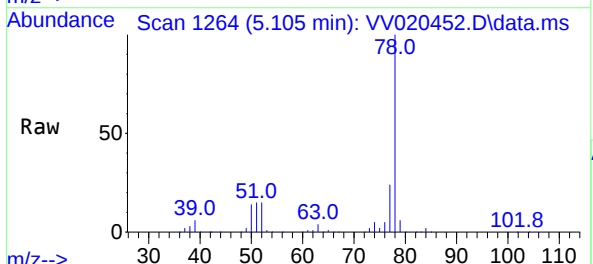
Tgt Ion: 83 Resp: 16830
 Ion Ratio Lower Upper
 83 100
 85 66.0 44.2 82.2

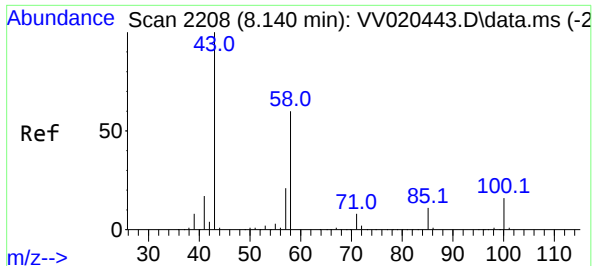


#33

Benzene
 Concen: 30.31 ug/L
 RT: 5.105 min Scan# 1264
 Delta R.T. 0.006 min
 Lab File: VV020452.D
 Acq: 03 Mar 2021 16:49

Tgt Ion: 78 Resp: 423913



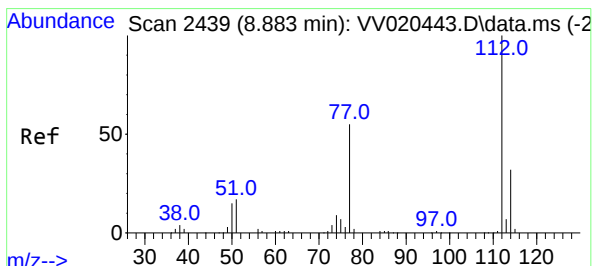
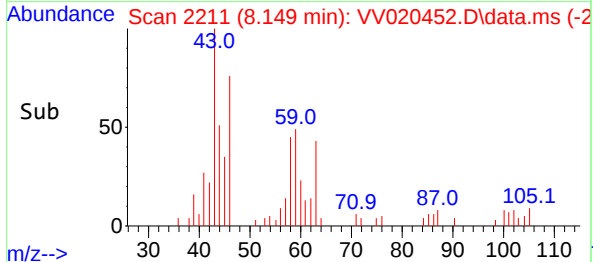
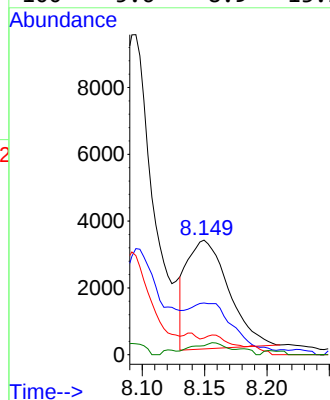
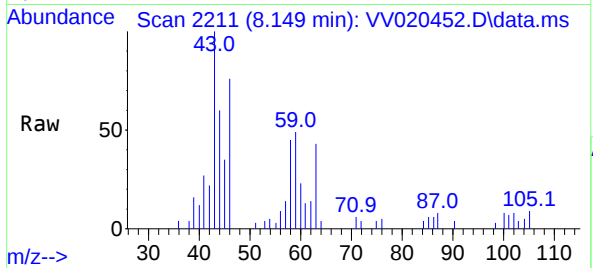


#48
2-Hexanone
Concen: 2.22 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

Instrument :
MSVOA_V
ClientSampled :
C0FZ4

Tgt Ion: 43 Resp: 7604

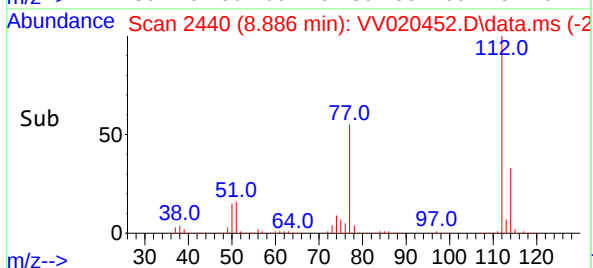
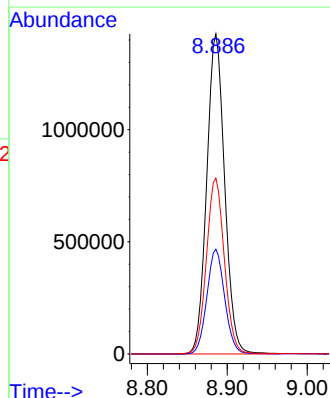
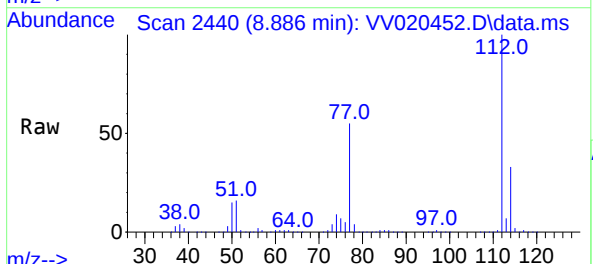
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.8	62.6#
57	11.8	15.0	22.4#
100	5.6	8.9	13.3#

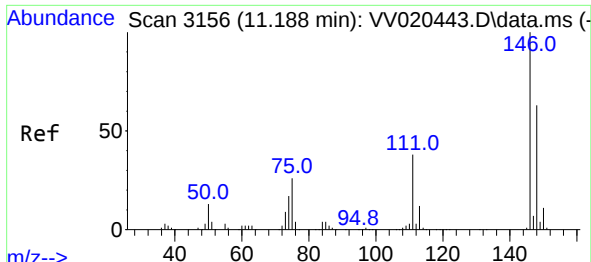


#51
Chlorobenzene
Concen: 215.85 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

Tgt Ion: 112 Resp: 2227842

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.2	41.2
77	55.0	49.0	73.6

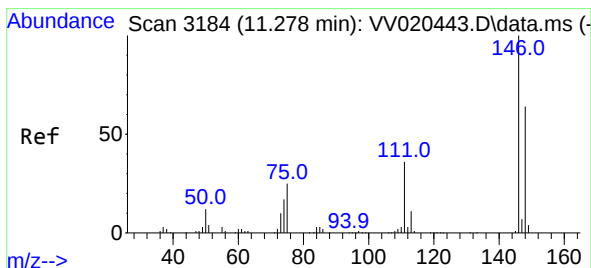
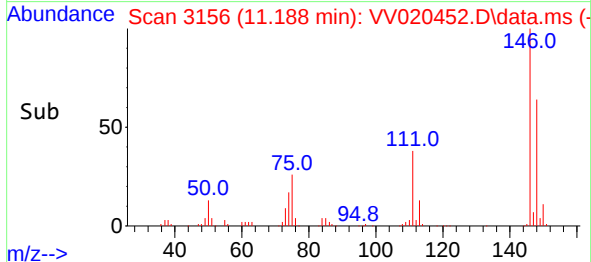
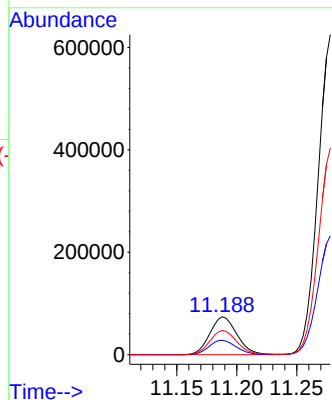
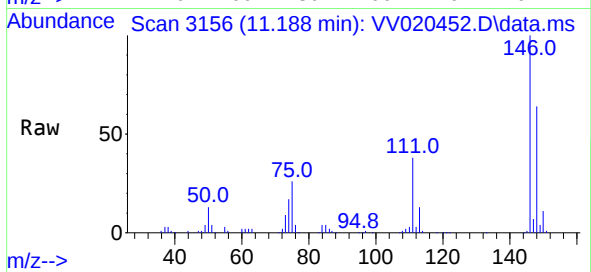




#62
1,3-Dichlorobenzene
Concen: 14.16 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

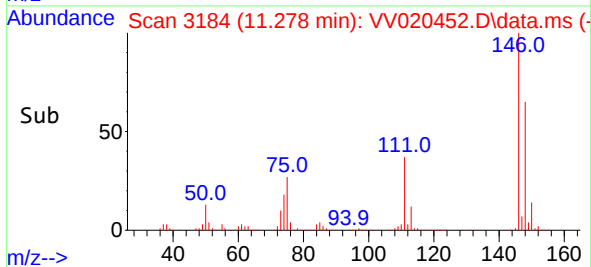
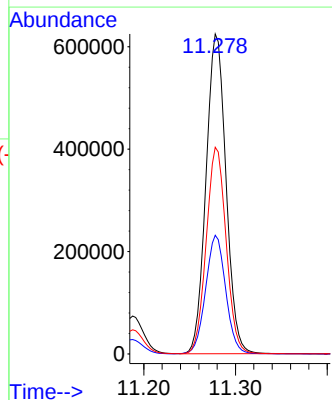
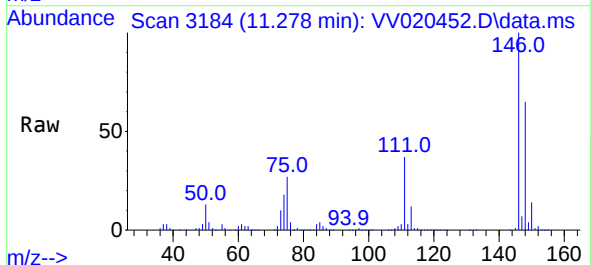
Instrument :
MSVOA_V
ClientSampleId :
C0FZ4

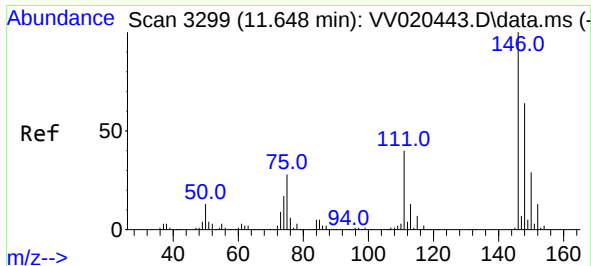
Tgt Ion:146 Resp: 116245
Ion Ratio Lower Upper
146 100
111 38.1 30.2 56.2
148 63.6 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 112.47 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

Tgt Ion:146 Resp: 946810
Ion Ratio Lower Upper
146 100
111 37.1 29.4 54.6
148 64.6 44.7 83.1

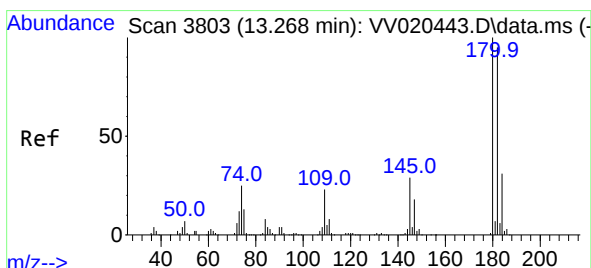
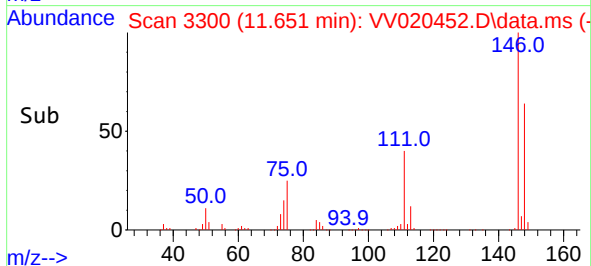
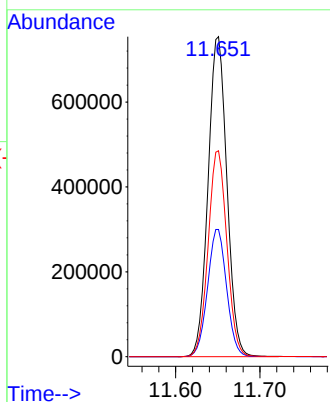
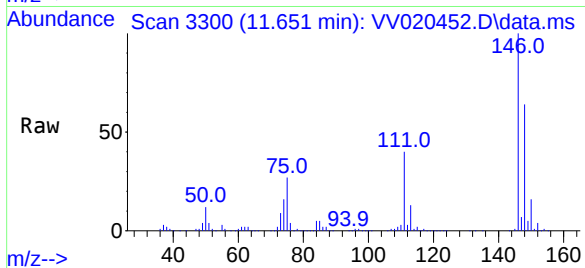




#65
1,2-Dichlorobenzene
Concen: 142.83 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

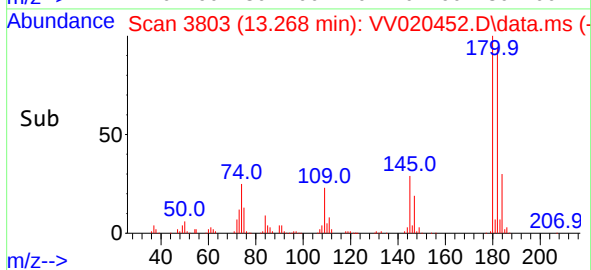
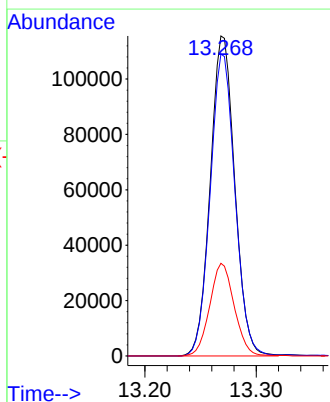
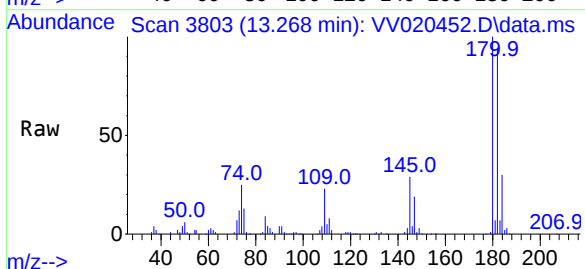
Instrument :
MSVOA_V
ClientSampleId :
C0FZ4

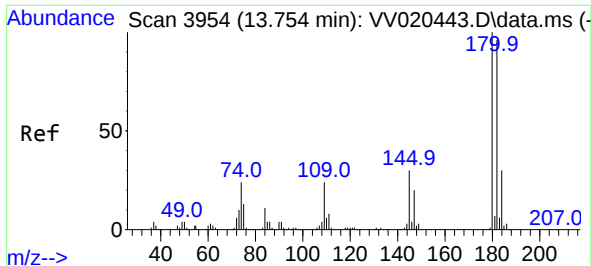
Tgt Ion:146 Resp: 1170776
Ion Ratio Lower Upper
146 100
111 39.7 36.3 54.5
148 64.4 51.7 77.5



#68
1,2,4-trichlorobenzene
Concen: 31.02 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

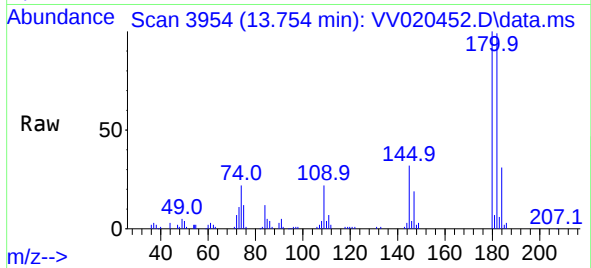
Tgt Ion:180 Resp: 176439
Ion Ratio Lower Upper
180 100
182 95.2 75.1 112.7
145 29.0 26.8 40.2





#70
1,2,3-Trichlorobenzene
Concen: 7.74 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

Instrument :
MSVOA_V
ClientSampleId :
C0FZ4



Tgt Ion:180 Resp: 43855
Ion Ratio Lower Upper
180 100
182 97.0 76.1 114.1
145 31.0 27.9 41.9

