

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)

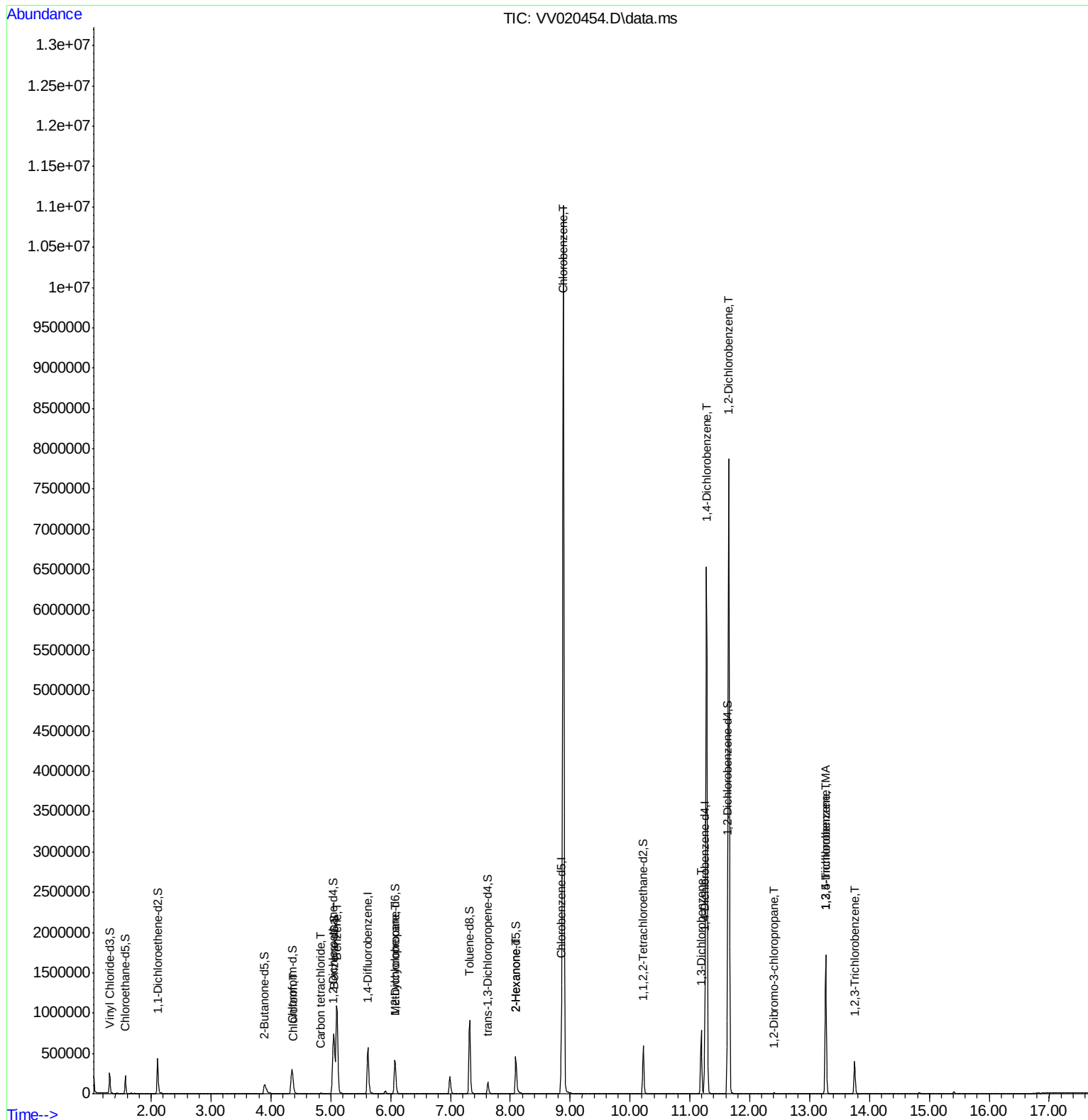
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	524978	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	531540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	292508	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	162930	42.57	ug/L	0.00
Spiked Amount 50.000	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
35) Methylcyclohexane	6.076	83	51859	8.77	ug/L #	17
48) 2-Hexanone	8.095	43	18688	5.38	ug/L #	74
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
66) 1,2-Dibromo-3-chloropr...	12.403	75	1495	1.13	ug/L #	7
67) 1,3,5-Trichlorobenzene	13.268	180	544388	80.57	ug/L	98
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

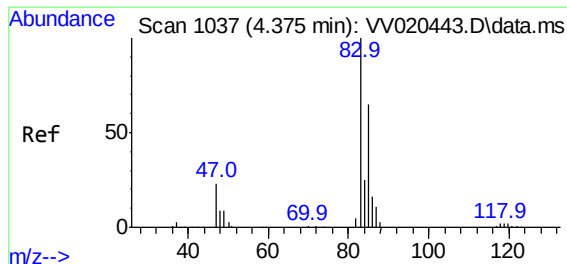
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030421\
Data File : VV020454.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

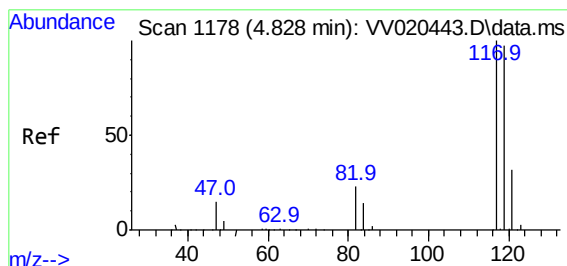
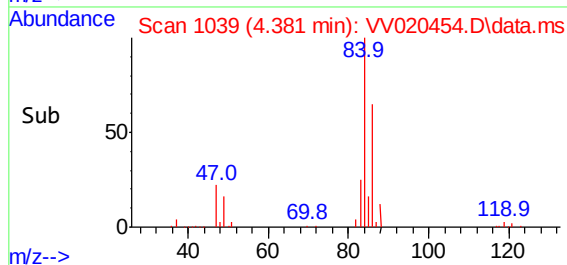
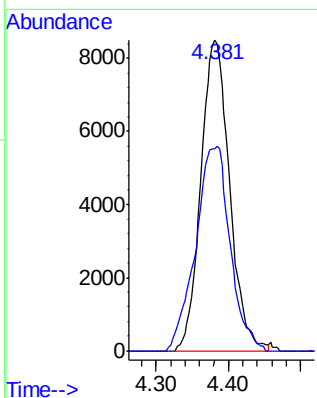
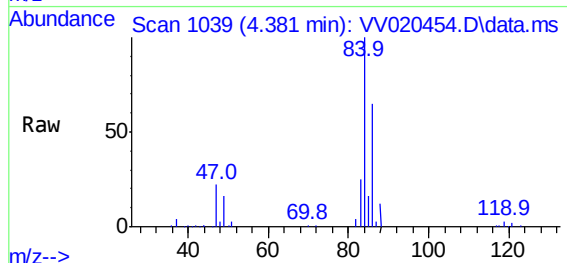




#25
Chloroform
Concen: 3.64 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

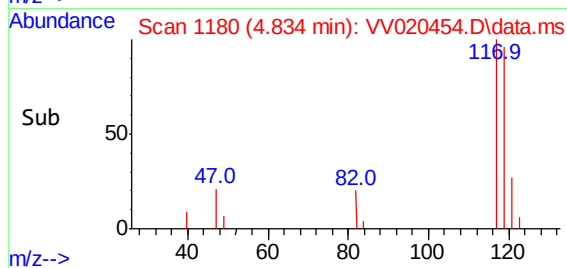
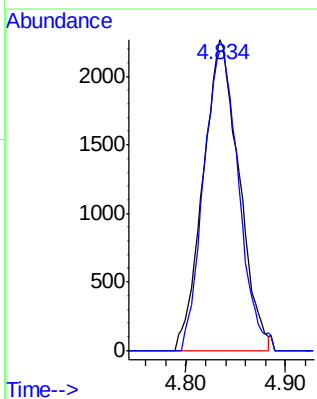
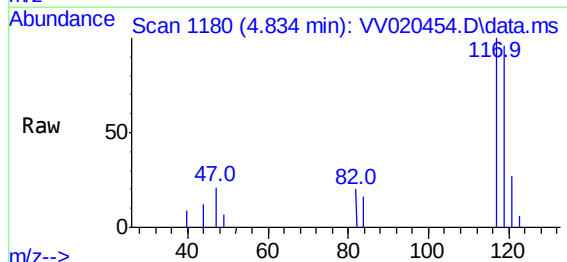
Instrument :
MSVOA_V
ClientSampled :
C0FZ4

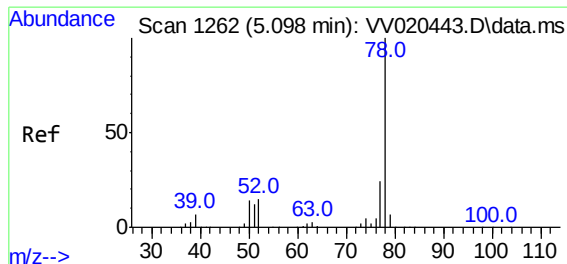
Tgt Ion: 83 Resp: 23348
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.2



#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

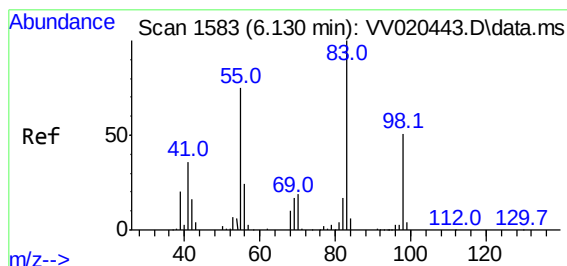
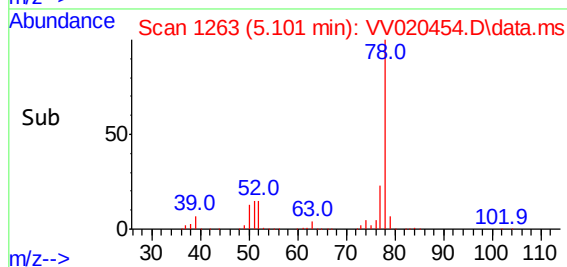
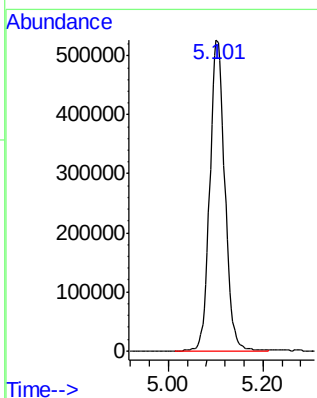
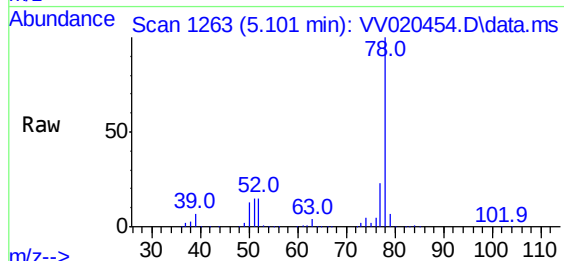




#33
Benzene
Concen: 81.13 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

Instrument :
MSVOA_V
ClientSampled :
C0FZ4

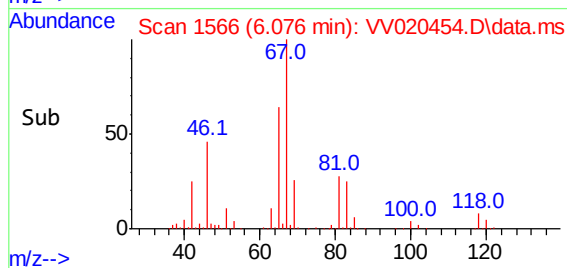
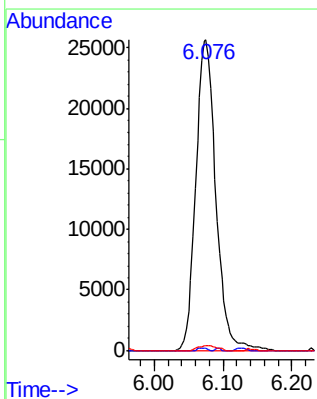
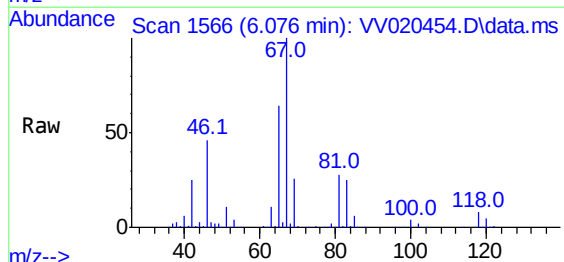
Tgt Ion: 78 Resp: 1153063

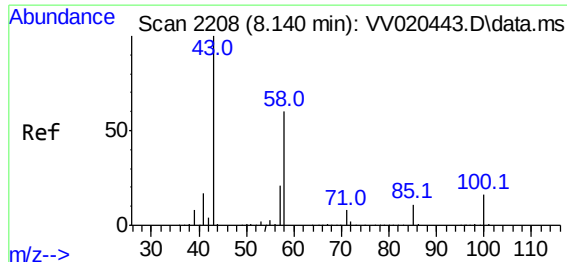


#35
Methylcyclohexane
Concen: 8.77 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

Tgt Ion: 83 Resp: 51859

Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.1	97.7#
98	1.5	38.2	57.2#



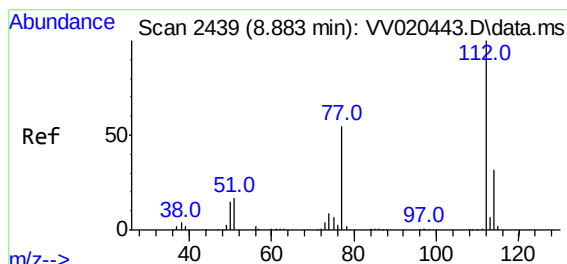
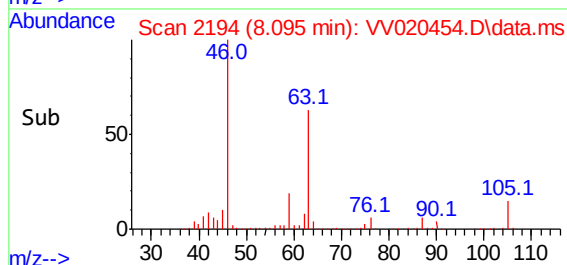
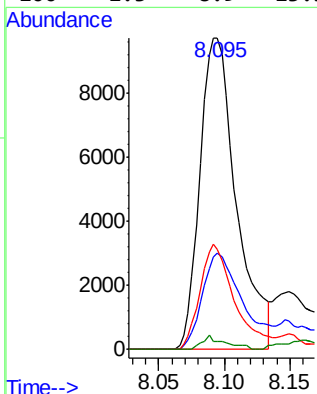
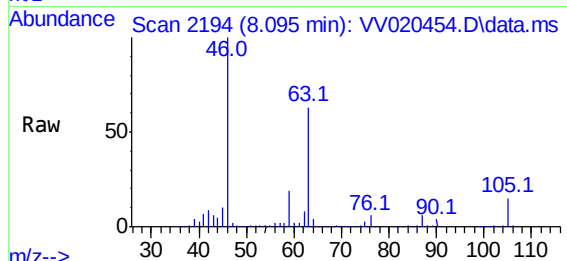


#48
2-Hexanone
Concen: 5.38 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.045 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

Instrument :
MSVOA_V
ClientSampleId :
C0FZ4

Tgt Ion: 43 Resp: 18688

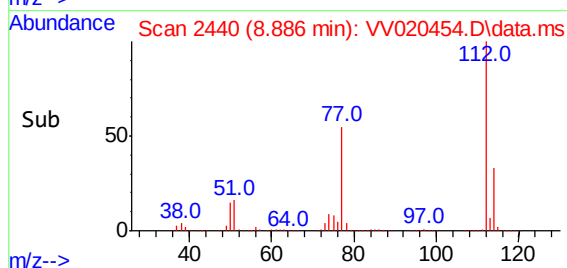
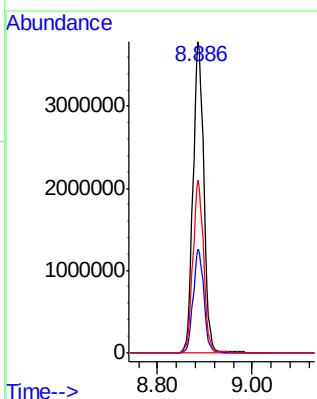
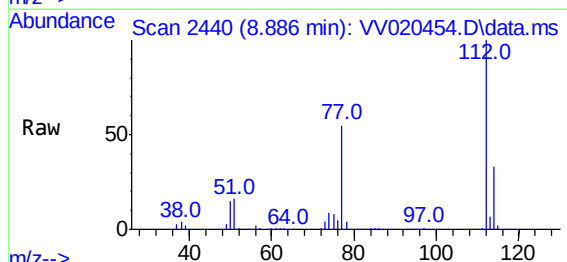
Ion	Ratio	Lower	Upper
43	100		
58	34.5	41.8	62.6#
57	32.1	15.0	22.4#
100	1.3	8.9	13.3#

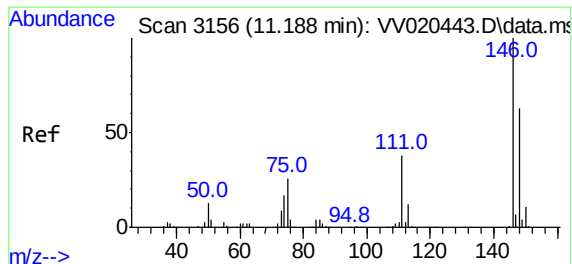


#51
Chlorobenzene
Concen: 572.51 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

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



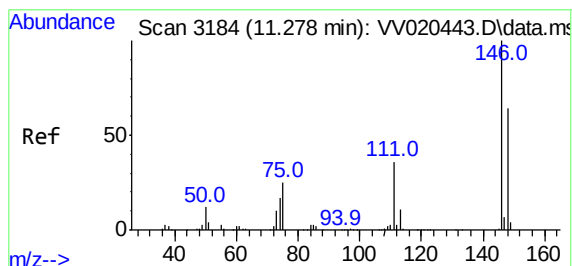
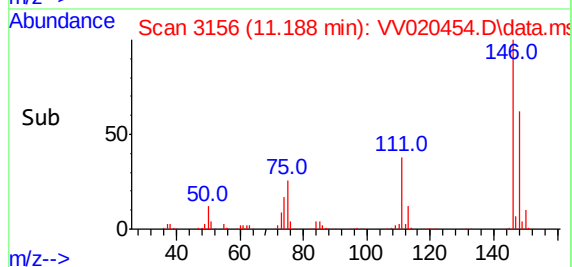
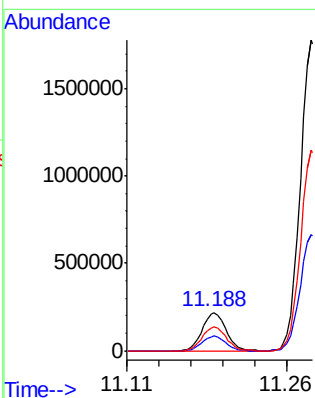
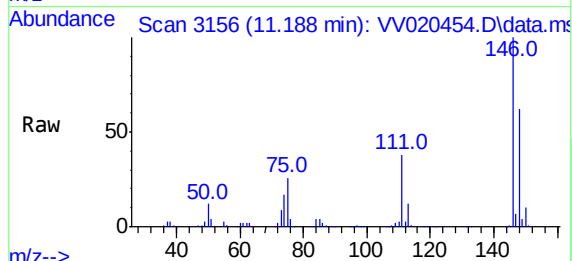


#62
 1,3-Dichlorobenzene
 Concen: 38.68 ug/L
 RT: 11.188 min Scan# 3156
 Delta R.T. -0.000 min
 Lab File: VV020454.D
 Acq: 03 Mar 2021 17:36

Instrument :
 MSVOA_V
 ClientSampled :
 C0FZ4

Tgt Ion:146 Resp: 334696

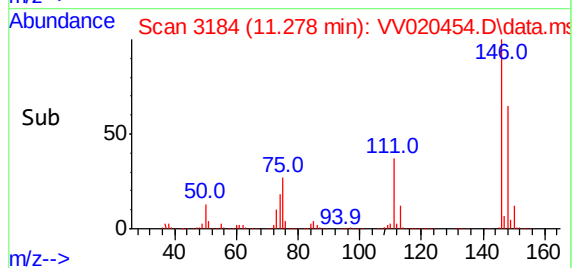
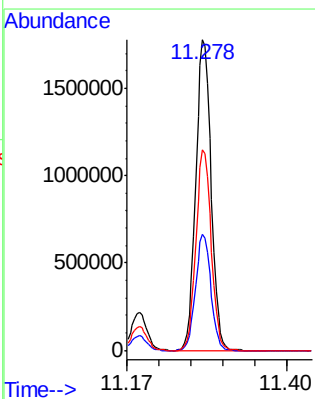
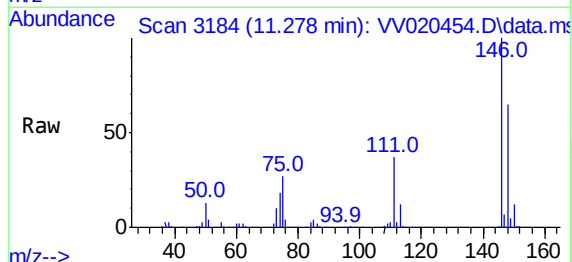
Ion	Ratio	Lower	Upper
146	100		
111	37.5	30.2	56.2
148	62.2	45.0	83.6

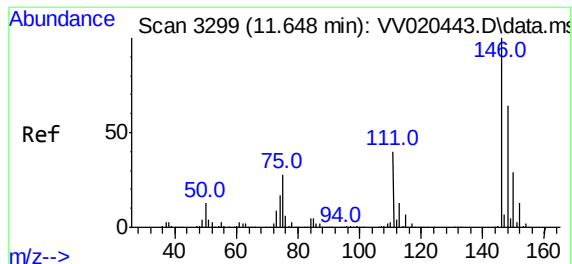


#63
 1,4-Dichlorobenzene
 Concen: 299.21 ug/L
 RT: 11.278 min Scan# 3184
 Delta R.T. -0.000 min
 Lab File: VV020454.D
 Acq: 03 Mar 2021 17:36

Tgt Ion:146 Resp: 2654728

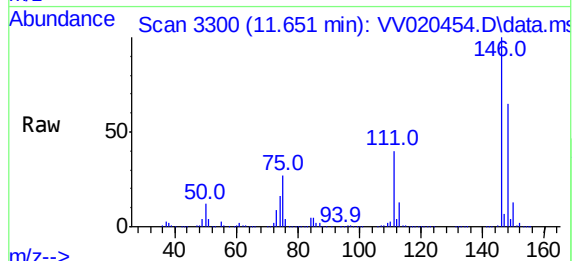
Ion	Ratio	Lower	Upper
146	100		
111	37.5	29.4	54.6
148	64.5	44.7	83.1





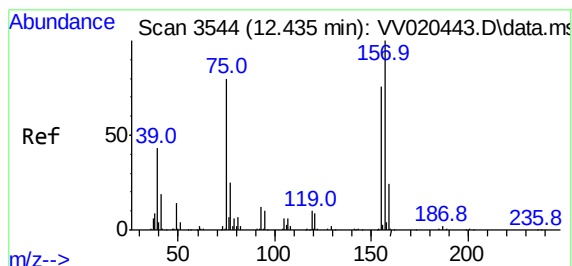
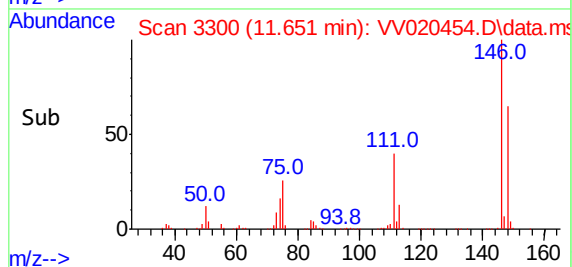
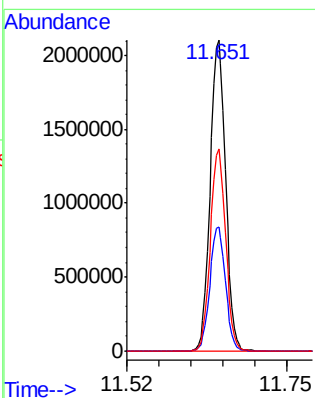
#65
1,2-Dichlorobenzene
Concen: 371.91 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

Instrument :
MSVOA_V
ClientSampled :
C0FZ4



Tgt Ion:146 Resp: 3212920

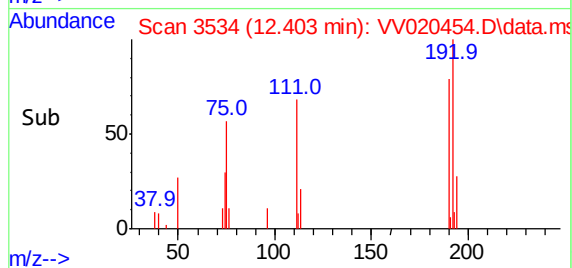
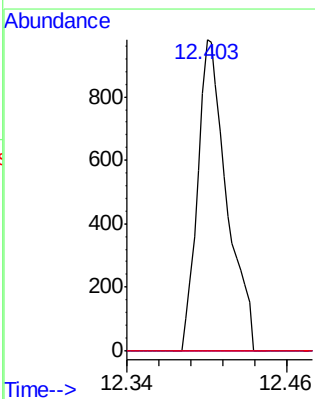
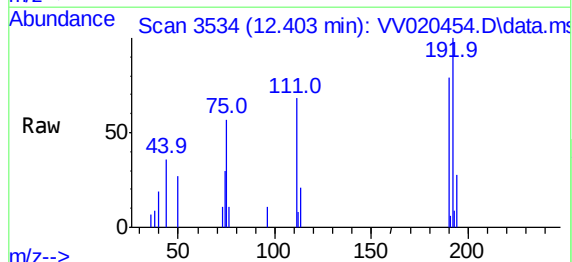
Ion	Ratio	Lower	Upper
146	100		
111	40.0	36.3	54.5
148	64.8	51.7	77.5

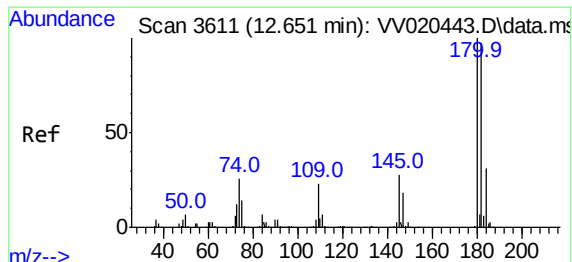


#66
1,2-Dibromo-3-chloropropane
Concen: 1.13 ug/L
RT: 12.403 min Scan# 3534
Delta R.T. -0.032 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

Tgt Ion: 75 Resp: 1495

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.1	88.7#
157	0.0	75.4	113.0#

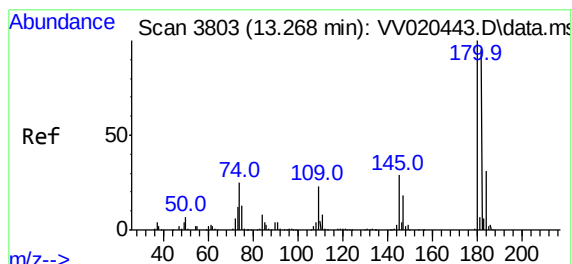
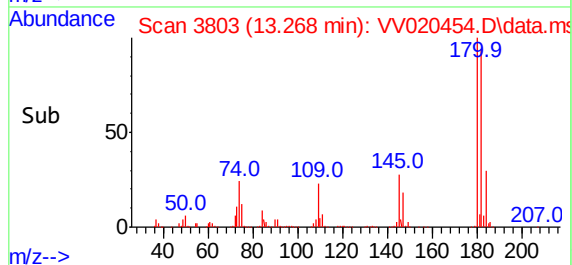
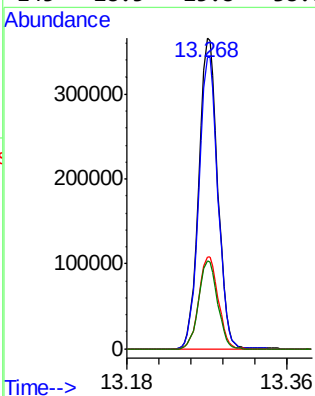
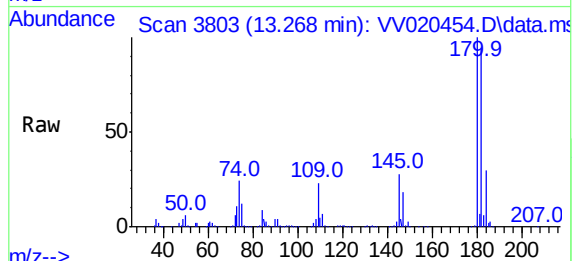




#67
1,3,5-Trichlorobenzene
Concen: 80.57 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.617 min
Lab File: VV020454.D
Acq: 03 Mar 2021 17:36

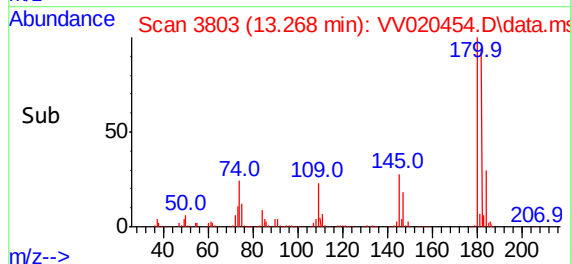
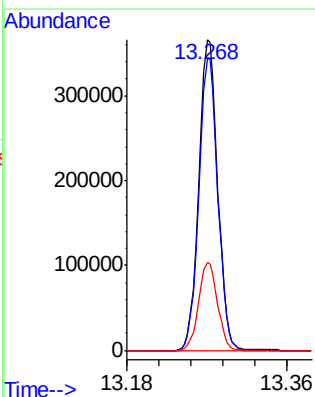
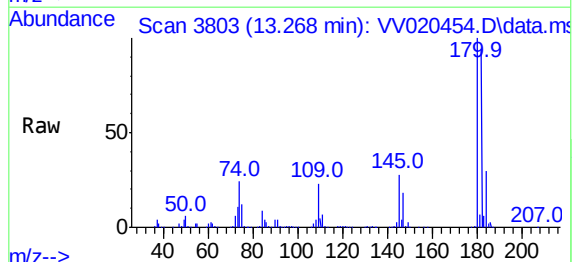
Instrument :
MSVOA_V
ClientSampleId :
C0FZ4

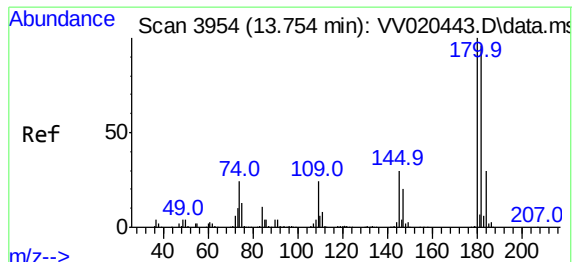
Tgt Ion:180 Resp: 544388
Ion Ratio Lower Upper
180 100
182 94.8 75.0 112.6
184 30.5 24.0 36.0
145 28.5 25.8 38.6



#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

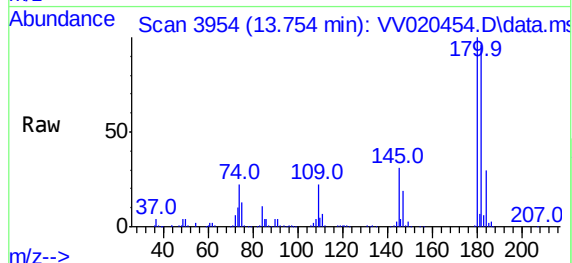
Tgt Ion:180 Resp: 544388
Ion Ratio Lower Upper
180 100
182 94.8 75.1 112.7
145 28.5 26.8 40.2





#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

