

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 :

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)

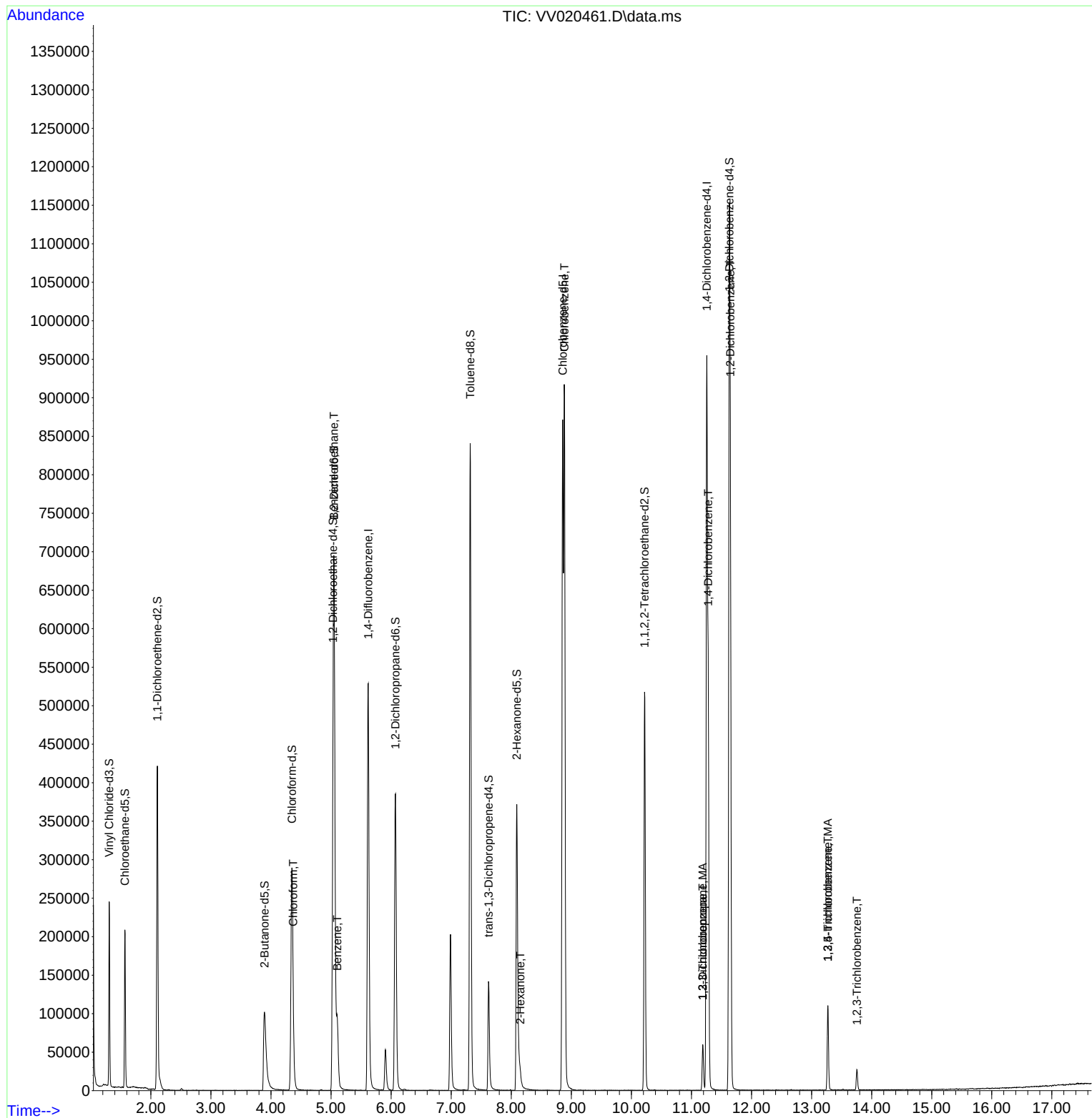
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	482758	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	484490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	252190	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	148881	42.30	ug/L	0.00
Spiked Amount	50.000	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	4.368	83	5606	0.95	ug/L	86
27) 1,2-Dichloroethane	5.050	62	3391	0.73	ug/L	100
33) Benzene	5.101	78	101900	7.87	ug/L	100
48) 2-Hexanone	8.149	43	12643	3.99	ug/L #	89
51) Chlorobenzene	8.886	112	510265	53.38	ug/L	94
59) 1,2,3-Trichloropropane	11.188	75	6834	1.55	ug/L #	43
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
67) 1,3,5-Trichlorobenzene	13.271	180	35373	6.07	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

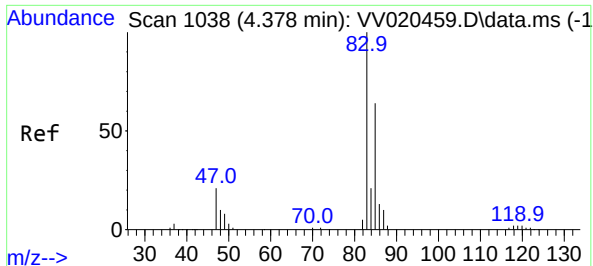
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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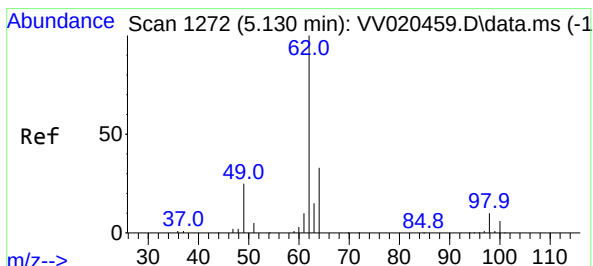
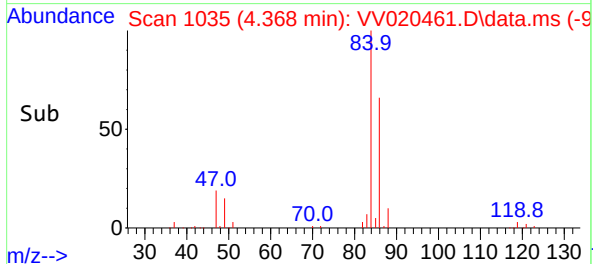
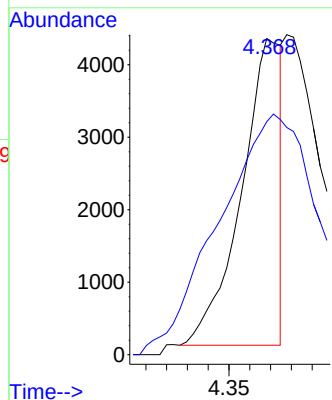
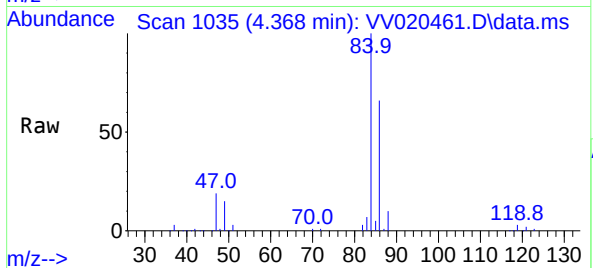


#25

Chloroform
Concen: 0.95 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17

Instrument :
MSVOA_V
ClientSampled :

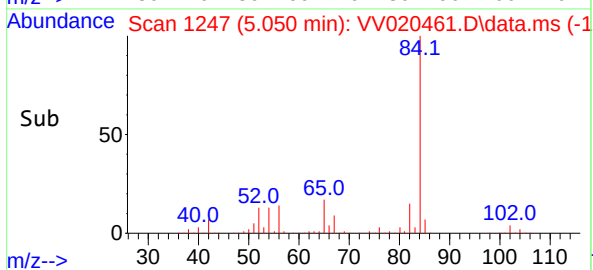
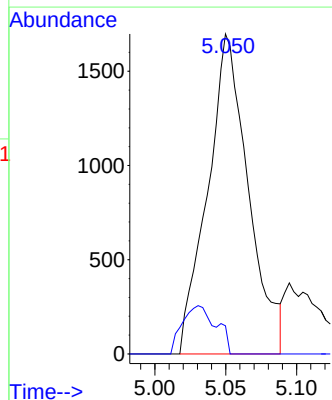
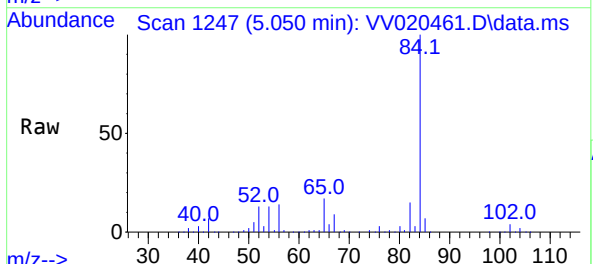
Tgt Ion: 83 Resp: 5606
Ion Ratio Lower Upper
83 100
85 73.7 44.2 82.2

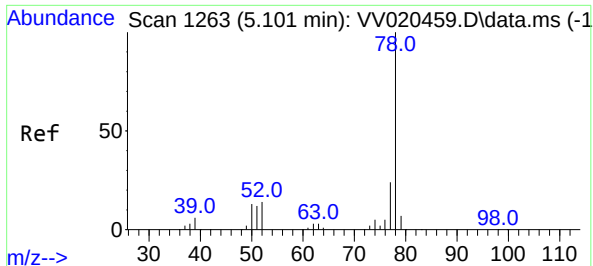


#27

1,2-Dichloroethane
Concen: 0.73 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.081 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17

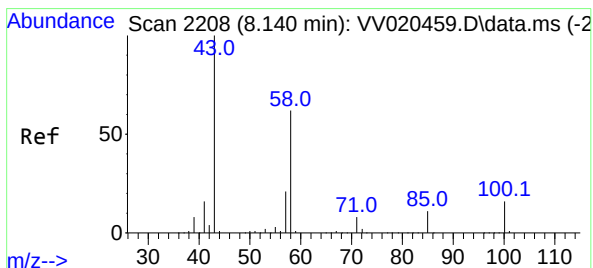
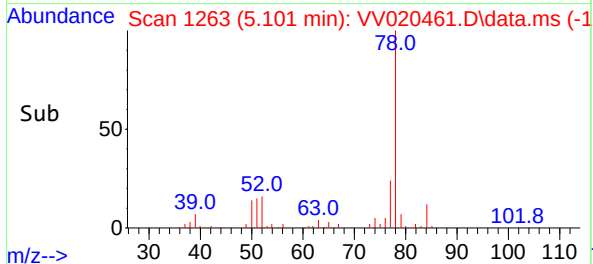
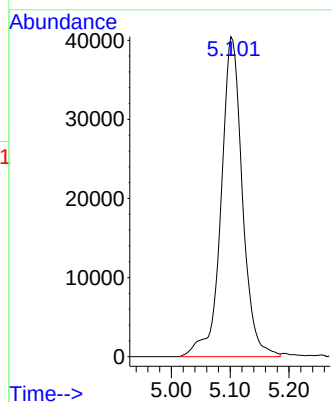
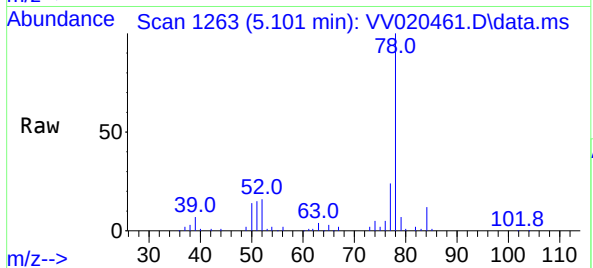
Tgt Ion: 62 Resp: 3391
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3





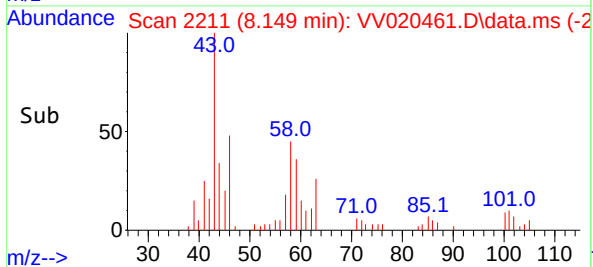
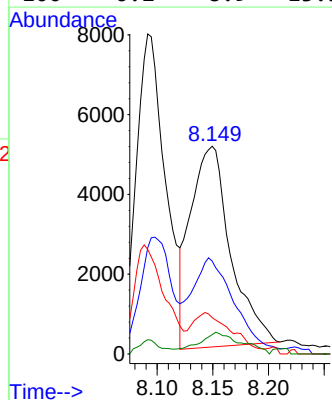
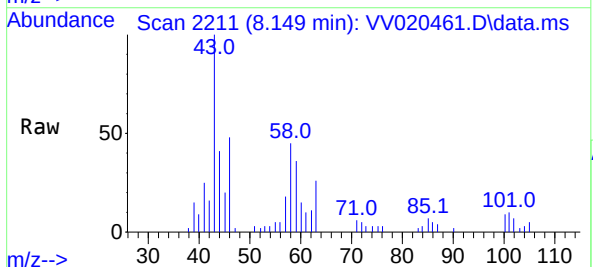
#33
Benzene
Concen: 7.87 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17
Tgt Ion: 78 Resp: 101900

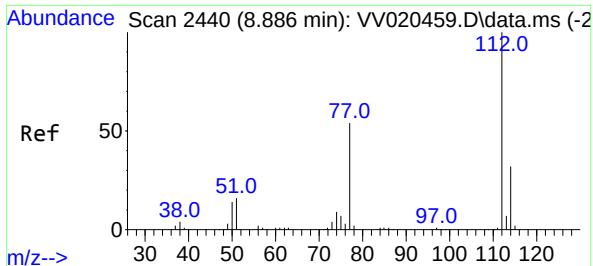
Instrument :
MSVOA_V
ClientSampled :



#48
2-Hexanone
Concen: 3.99 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17
Tgt Ion: 43 Resp: 12643

Ion	Ratio	Lower	Upper
43	100		
58	47.5	41.8	62.6
57	8.5	15.0	22.4#
100	6.2	8.9	13.3#

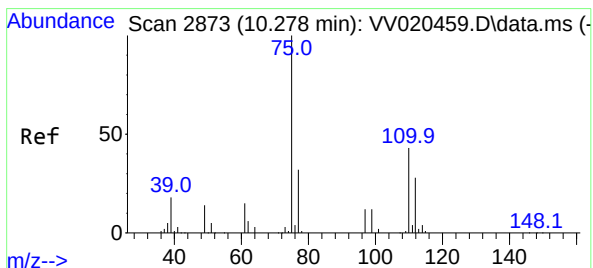
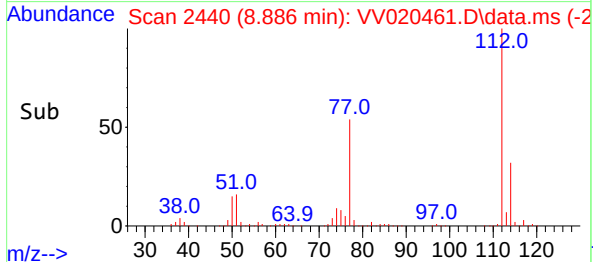
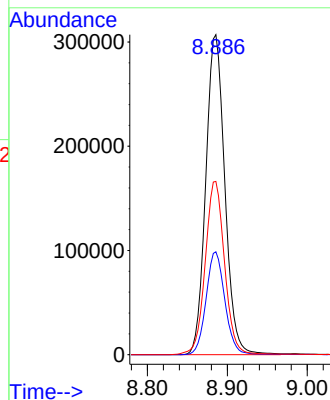
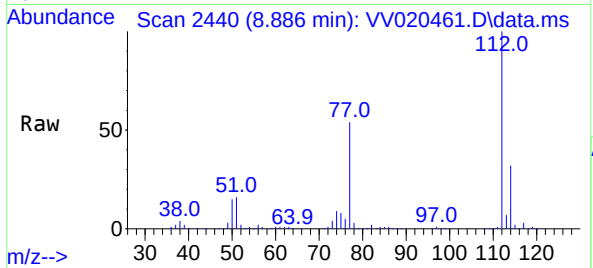




#51
Chlorobenzene
Concen: 53.38 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17

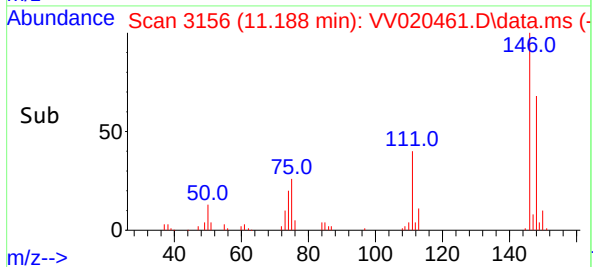
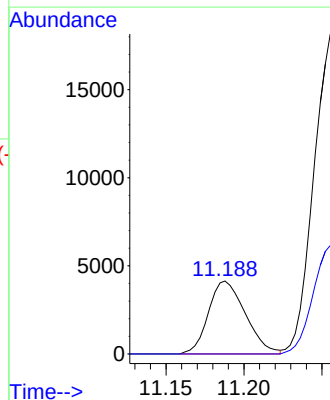
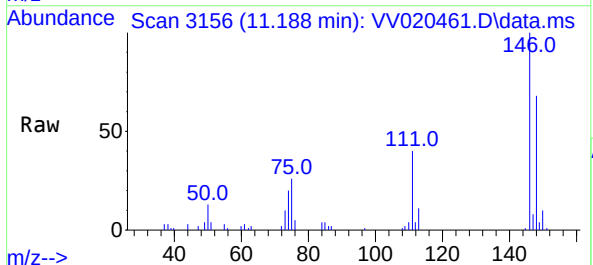
Instrument :
MSVOA_V
ClientSampled :

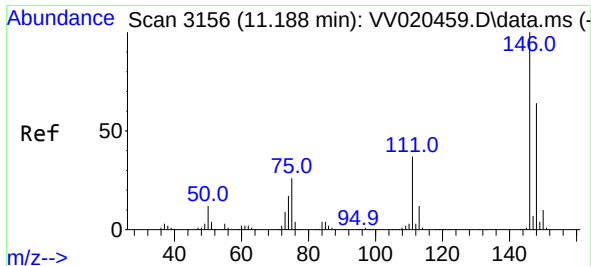
Tgt Ion:112 Resp: 510265
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 54.2 49.0 73.6



#59
1,2,3-Trichloropropane
Concen: 1.55 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.910 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17

Tgt Ion: 75 Resp: 6834
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

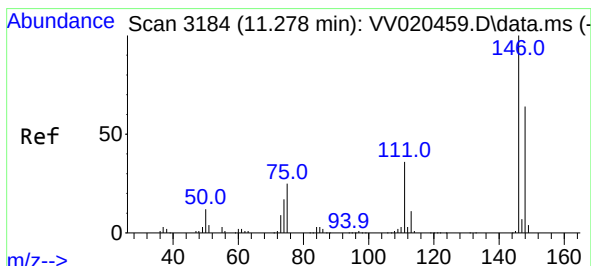
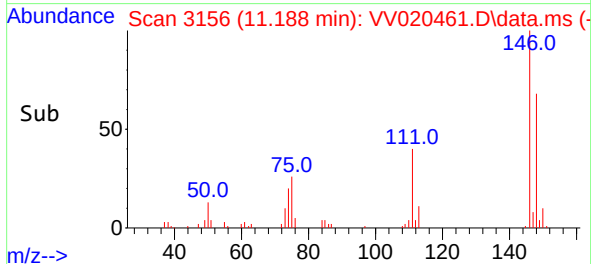
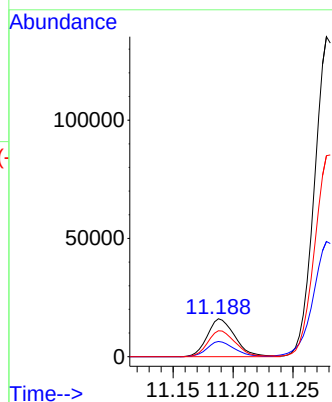
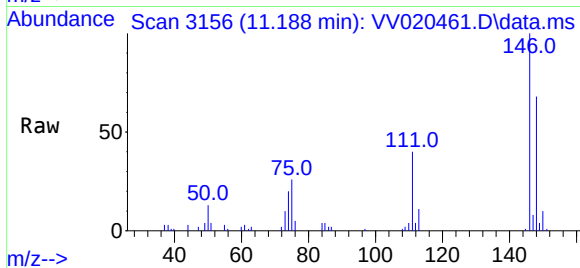




#62
1,3-Dichlorobenzene
Concen: 3.45 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17

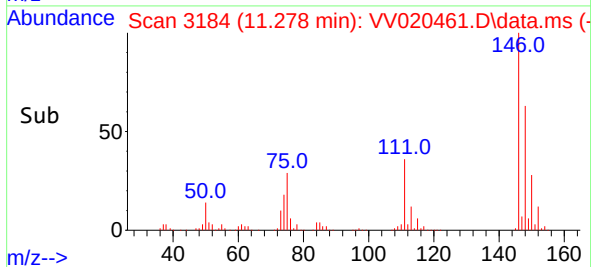
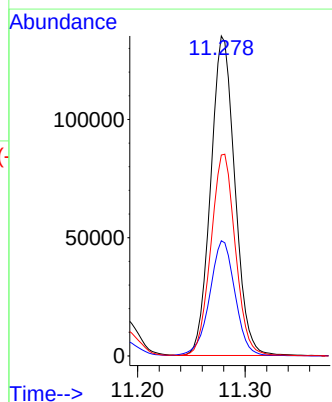
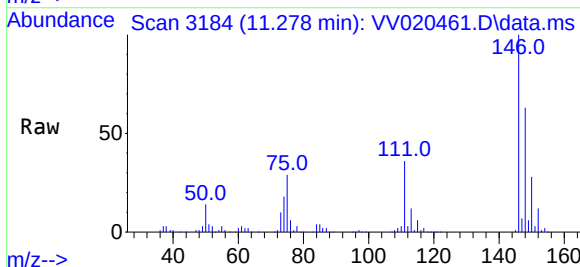
Instrument :
MSVOA_V
ClientSampleId :

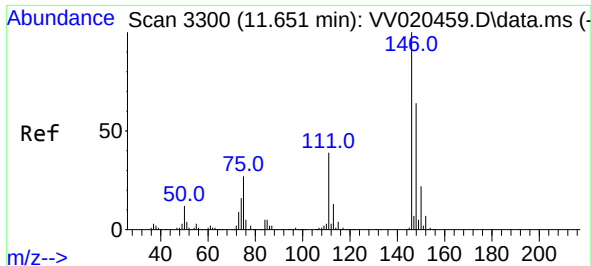
Tgt Ion:146 Resp: 25730
Ion Ratio Lower Upper
146 100
111 39.9 30.2 56.2
148 68.1 45.0 83.6



#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

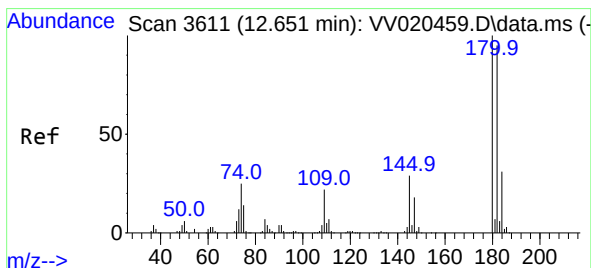
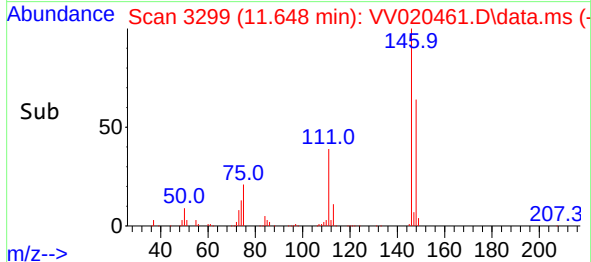
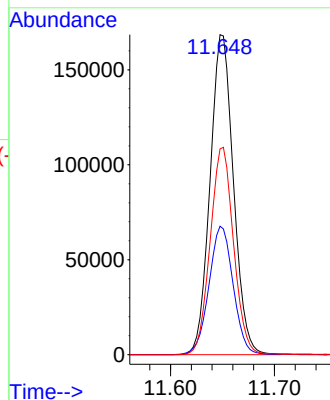
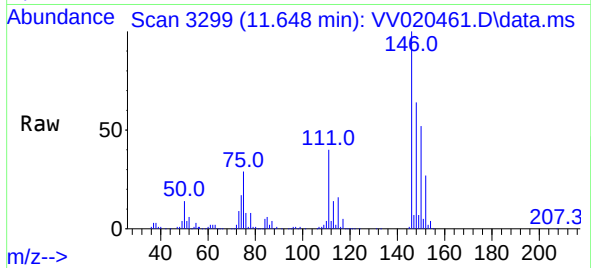




#65
1,2-Dichlorobenzene
Concen: 35.39 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17

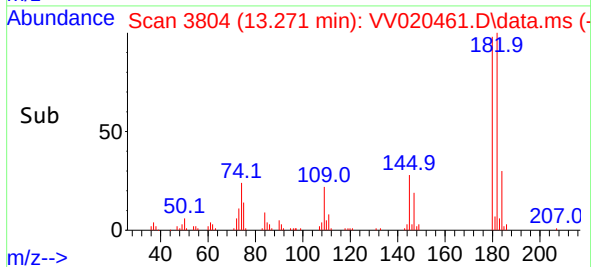
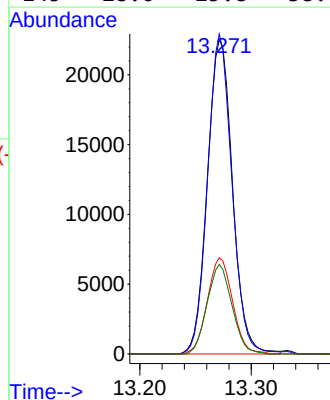
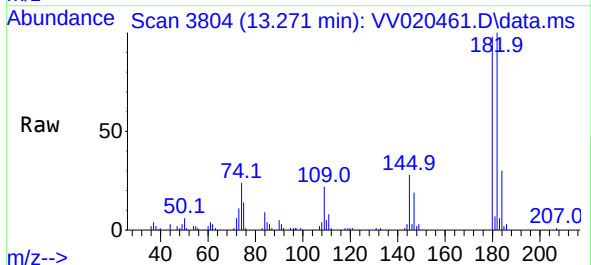
Instrument :
MSVOA_V
ClientSampleId :

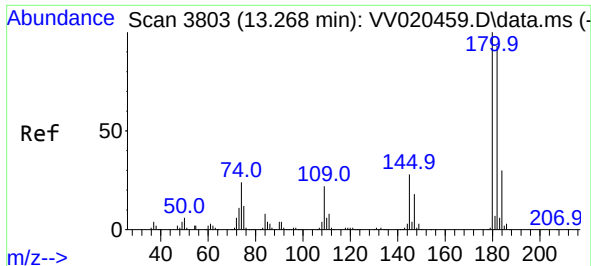
Tgt Ion:146 Resp: 263569
Ion Ratio Lower Upper
146 100
111 40.1 36.3 54.5
148 64.3 51.7 77.5



#67
1,3,5-Trichlorobenzene
Concen: 6.07 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.620 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17

Tgt Ion:180 Resp: 35373
Ion Ratio Lower Upper
180 100
182 98.1 75.0 112.6
184 30.6 24.0 36.0
145 28.0 25.8 38.6

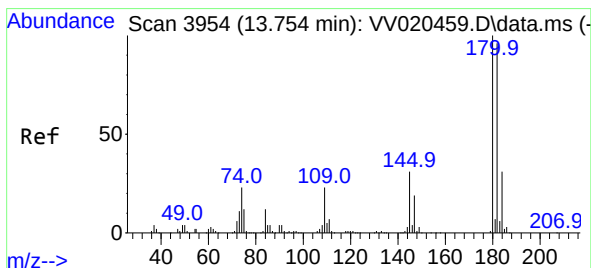
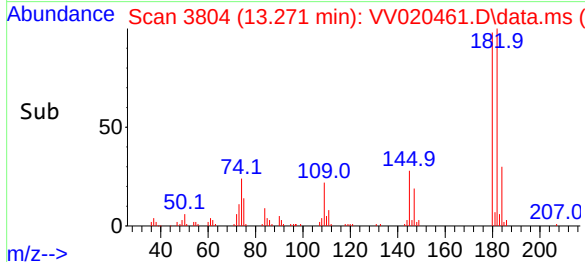
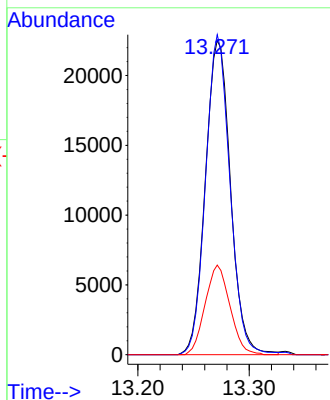
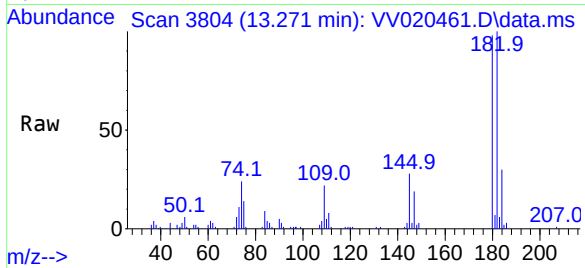




#68
1,2,4-trichlorobenzene
Concen: 6.84 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020461.D
Acq: 04 Mar 2021 11:17

Instrument :
MSVOA_V
ClientSampled :

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



#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

