

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030421\
 Data File : VV020462.D
 Acq On : 04 Mar 2021 11:41
 Operator : SY/MD
 Sample : M1546-05DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

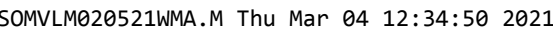
Quant Time: Mar 04 12:34:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 04 00:36:40 2021
 Response via : Initial Calibration

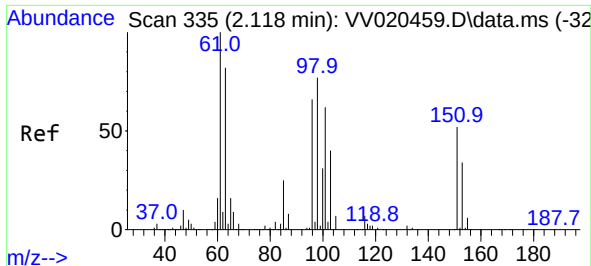
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	484107	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	487443	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	246888	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	145940	41.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.70%		
7) Chloroethane-d5	1.568	69	131646	45.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.92%		
11) 1,1-Dichloroethene-d2	2.108	63	208501	31.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.50%		
21) 2-Butanone-d5	3.892	46	212672	107.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.85%		
24) Chloroform-d	4.352	84	308721	49.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.30%		
26) 1,2-Dichloroethane-d4	5.034	65	203778	51.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.36%		
32) Benzene-d6	5.053	84	621993	49.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.50%		
36) 1,2-Dichloropropane-d6	6.072	67	193578	51.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.68%		
41) Toluene-d8	7.320	98	564559	47.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.14%		
43) trans-1,3-Dichloroprop...	7.625	79	86965	45.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.50%		
47) 2-Hexanone-d5	8.092	63	137823	87.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.87%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	246855	45.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.20%		
64) 1,2-Dichlorobenzene-d4	11.632	152	269755	57.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	115.48%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2142	0.69	ug/L #	24
13) Acetone	2.191	43	3836	2.76	ug/L	80
25) Chloroform	4.378	83	11698	1.98	ug/L	98
27) 1,2-Dichloroethane	5.056	62	3389	0.72	ug/L	98
39) cis-1,3-Dichloropropene	6.989	75	5440	1.04	ug/L #	64
48) 2-Hexanone	8.146	43	14411	4.53	ug/L #	43
51) Chlorobenzene	8.886	112	119184	12.39	ug/L	93
59) 1,2,3-Trichloropropane	11.191	75	3937	0.89	ug/L #	43
62) 1,3-Dichlorobenzene	11.191	146	14317	1.96	ug/L	98
63) 1,4-Dichlorobenzene	11.281	146	126937	16.95	ug/L	96
65) 1,2-Dichlorobenzene	11.651	146	373489	51.22	ug/L	96
67) 1,3,5-Trichlorobenzene	13.271	180	70177	12.31	ug/L	96
68) 1,2,4-trichlorobenzene	13.271	180	70177	13.87	ug/L	95
70) 1,2,3-Trichlorobenzene	13.754	180	36094	7.16	ug/L	97

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

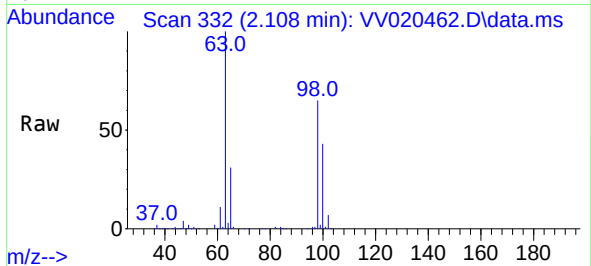
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Quant Title : VOC Analysis
QLast Update : Thu Mar 04 00:36:40 2021
Response via : Initial Calibration



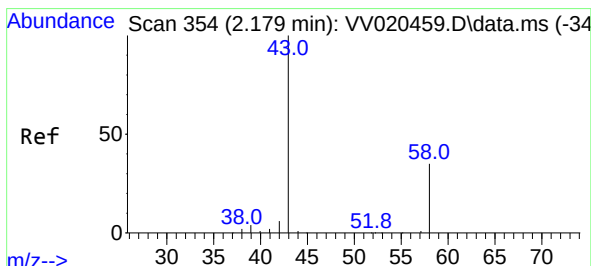
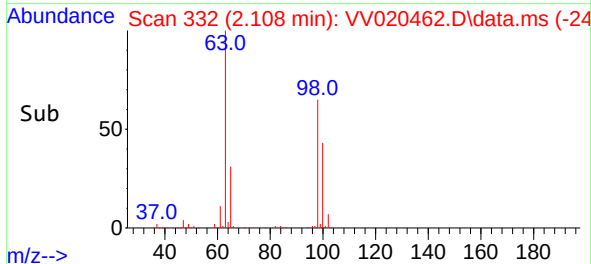
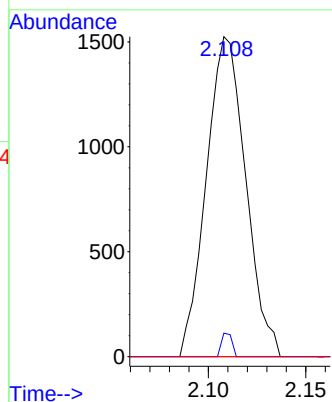


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.69 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

Instrument :
MSVOA_V
ClientSampled :

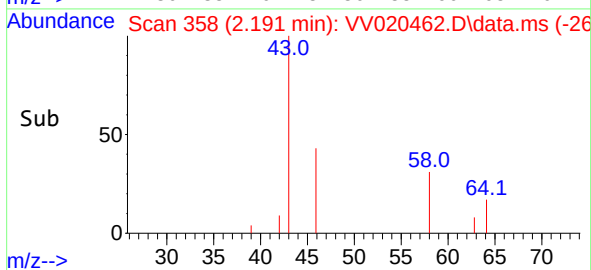
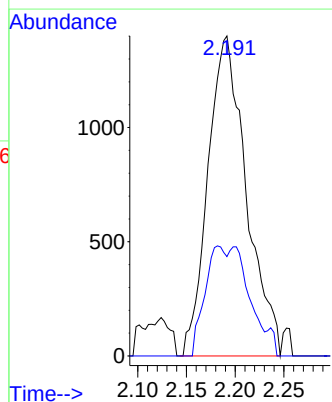
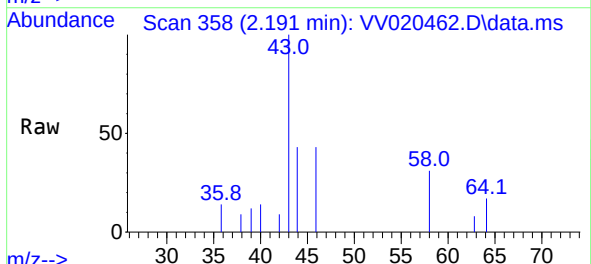


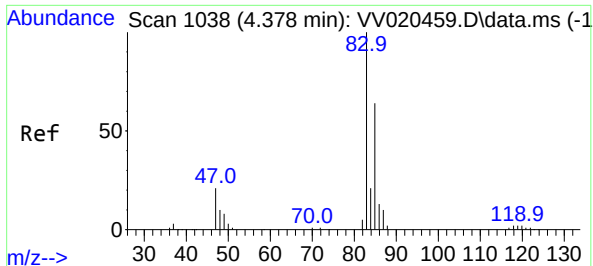
Tgt Ion:101 Resp: 2142
Ion Ratio Lower Upper
101 100
85 2.0 35.3 52.9#
151 0.0 53.6 80.4#



#13
Acetone
Concen: 2.76 ug/L
RT: 2.191 min Scan# 358
Delta R.T. 0.016 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 43 Resp: 3836
Ion Ratio Lower Upper
43 100
58 19.5 0.0 60.2



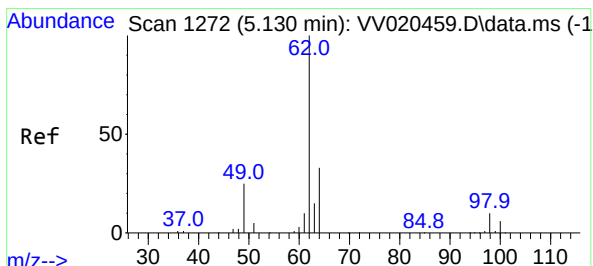
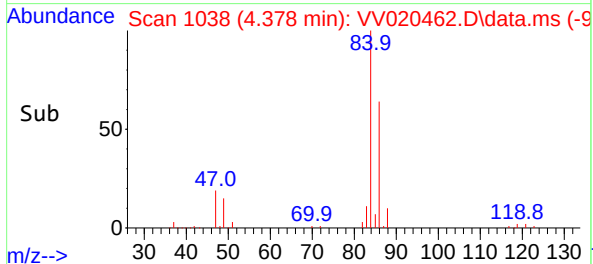
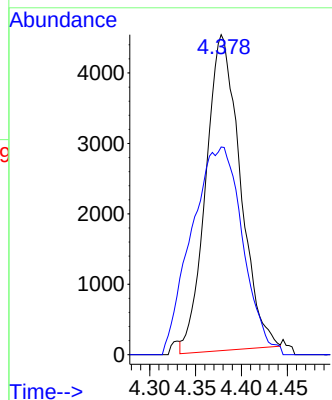
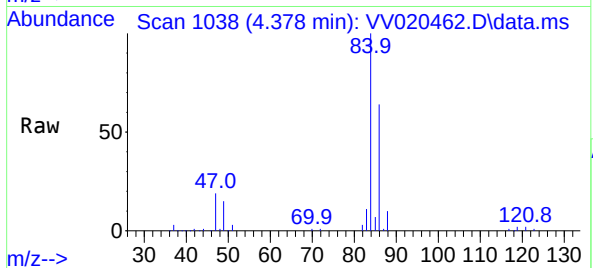


#25

Chloroform
Concen: 1.98 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

Instrument :
MSVOA_V
ClientSampled :

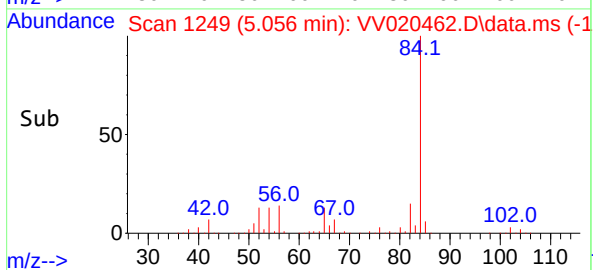
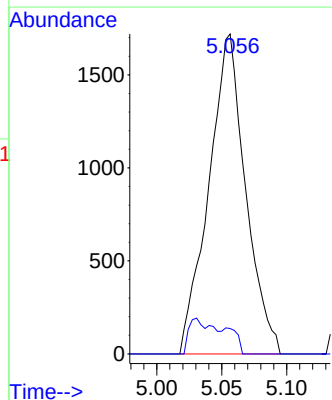
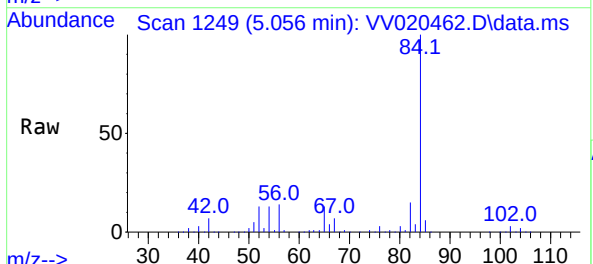
Tgt Ion: 83 Resp: 11698
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.2

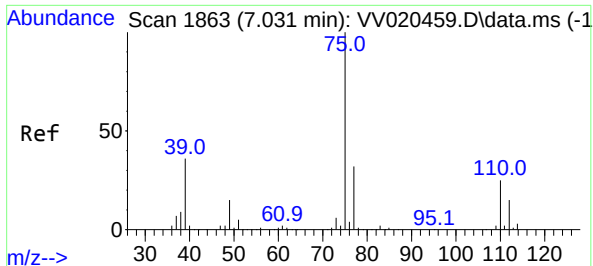


#27

1,2-Dichloroethane
Concen: 0.72 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 62 Resp: 3389
Ion Ratio Lower Upper
62 100
98 7.9 6.9 10.3

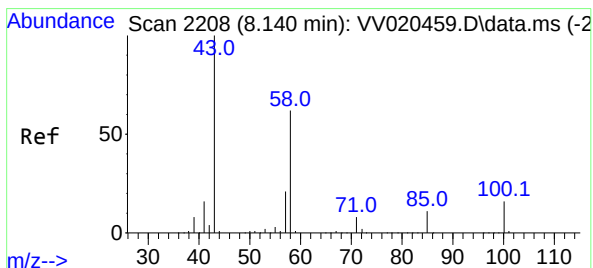
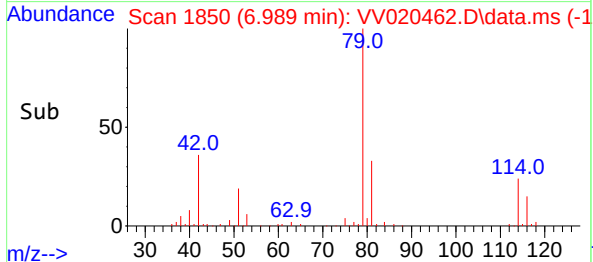
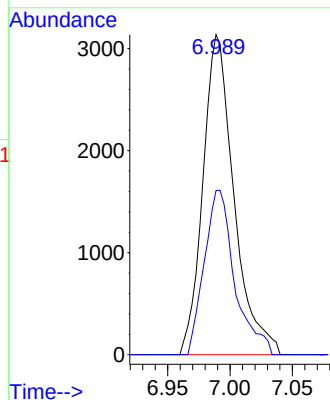
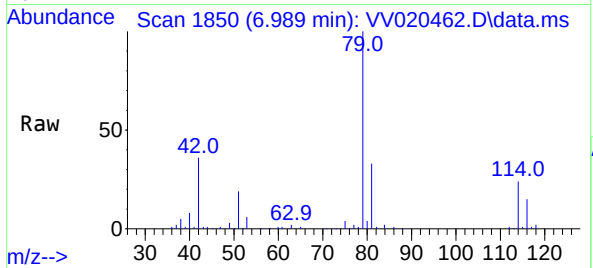




#39
cis-1,3-Dichloropropene
Concen: 1.04 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

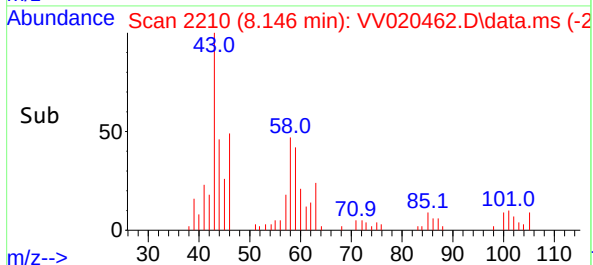
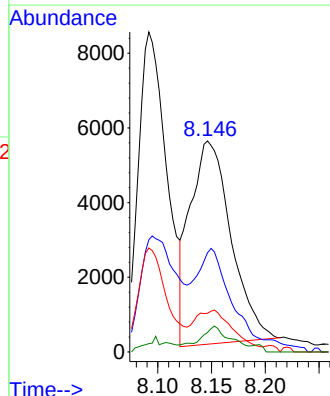
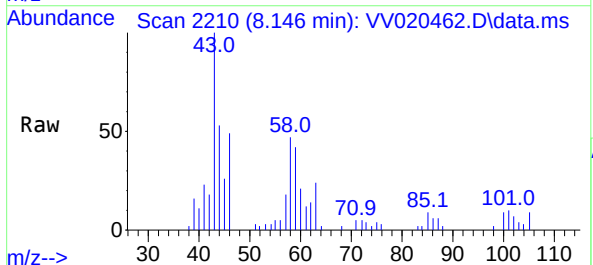
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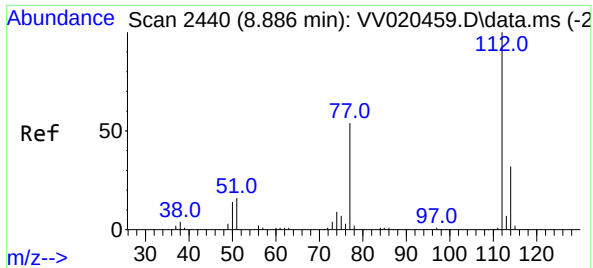
Tgt Ion: 75 Resp: 5440
Ion Ratio Lower Upper
75 100
77 51.3 21.8 40.6#



#48
2-Hexanone
Concen: 4.53 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 43 Resp: 14411
Ion Ratio Lower Upper
43 100
58 0.0 41.8 62.6#
57 1.7 15.0 22.4#
100 8.5 8.9 13.3#

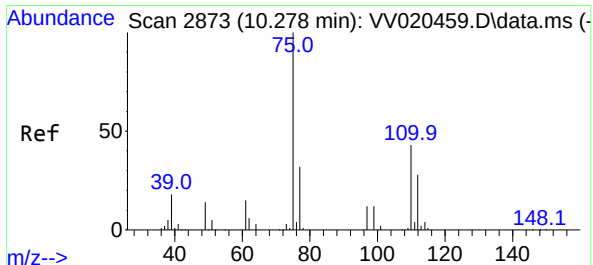
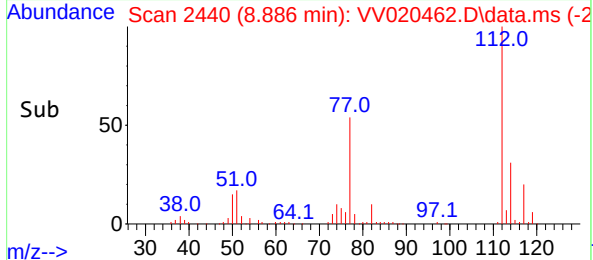
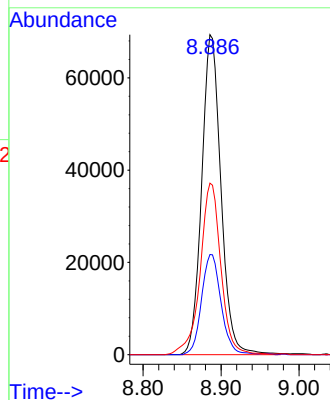
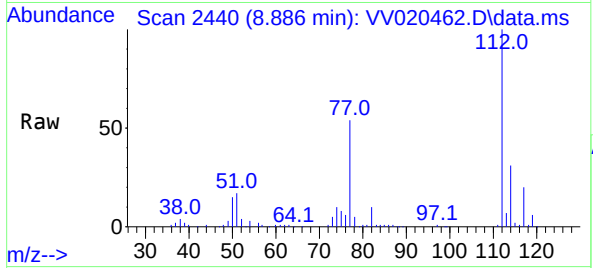




#51
Chlorobenzene
Concen: 12.39 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

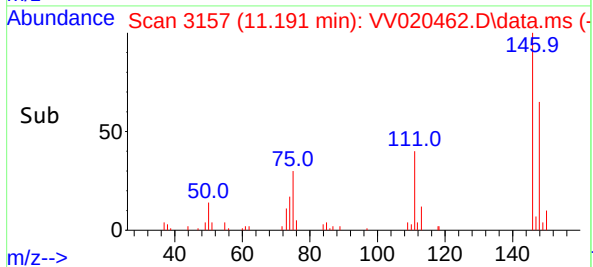
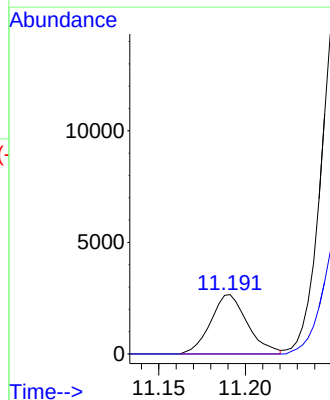
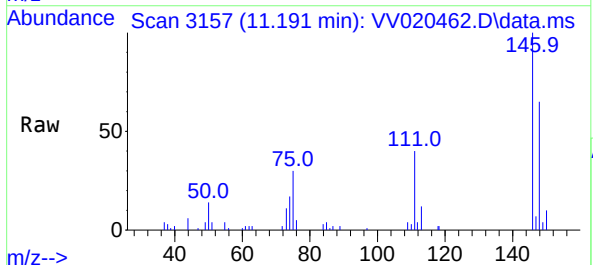
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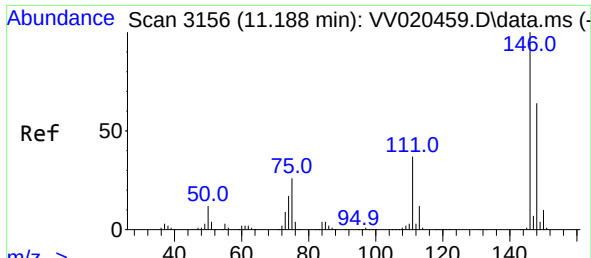
Tgt Ion:112 Resp: 119184
Ion Ratio Lower Upper
112 100
114 31.3 22.2 41.2
77 53.6 49.0 73.6



#59
1,2,3-Trichloropropane
Concen: 0.89 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.913 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 75 Resp: 3937
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

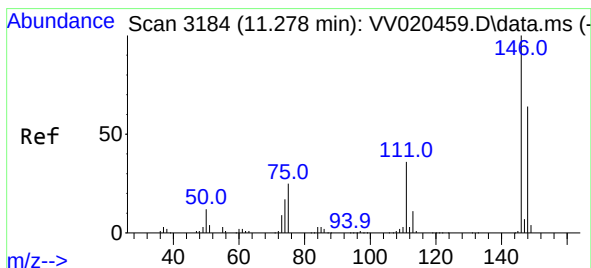
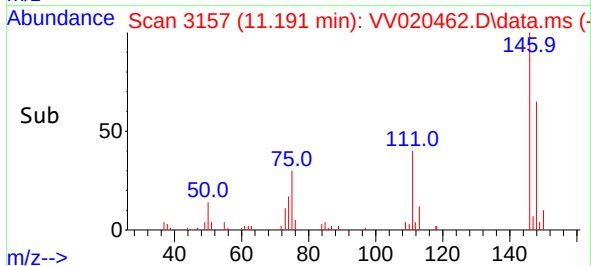
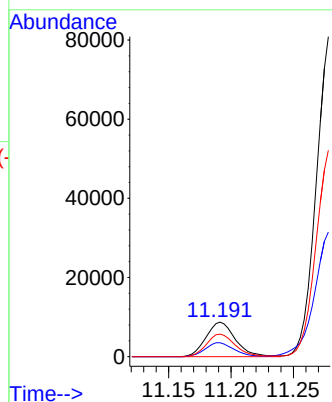
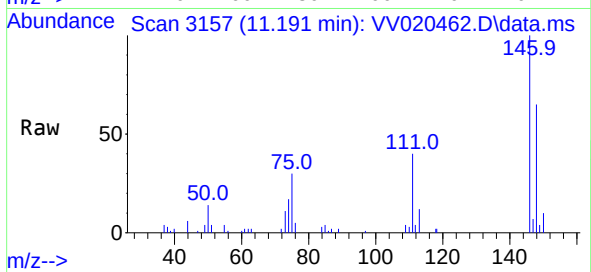




#62
1,3-Dichlorobenzene
Concen: 1.96 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

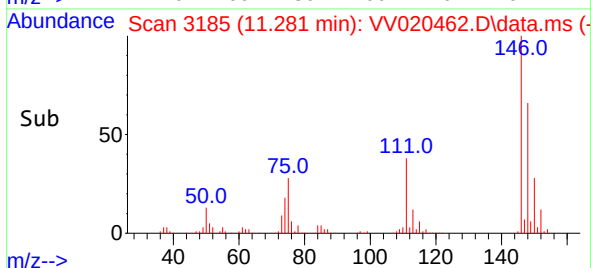
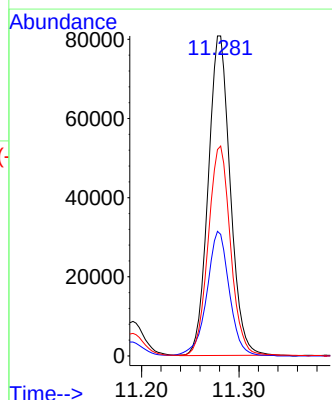
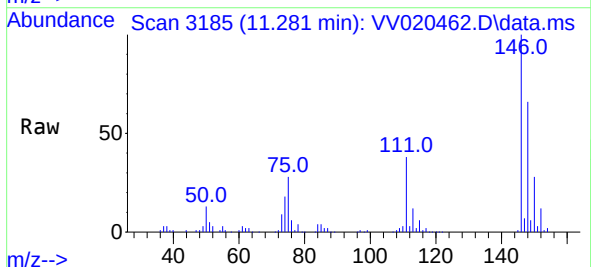
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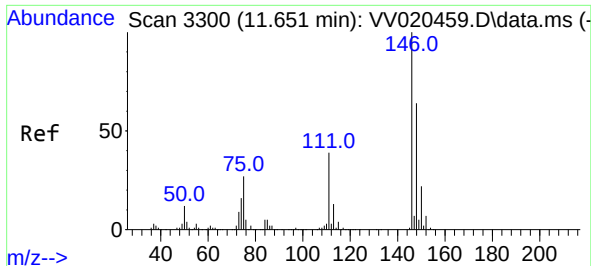
Tgt Ion:146 Resp: 14317
Ion Ratio Lower Upper
146 100
111 40.4 30.2 56.2
148 65.1 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 16.95 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

Tgt Ion:146 Resp: 126937
Ion Ratio Lower Upper
146 100
111 38.0 29.4 54.6
148 65.6 44.7 83.1

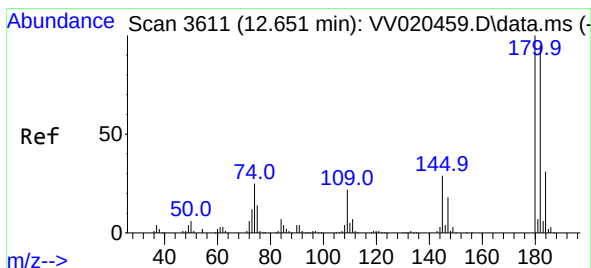
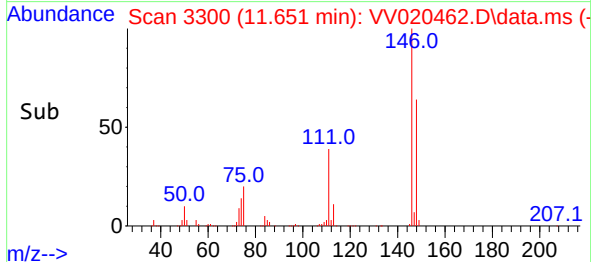
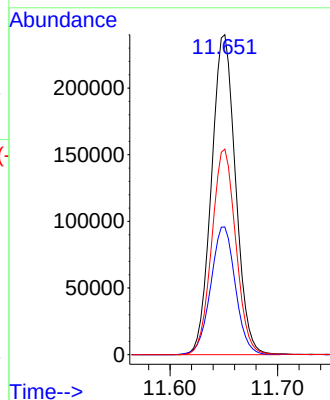
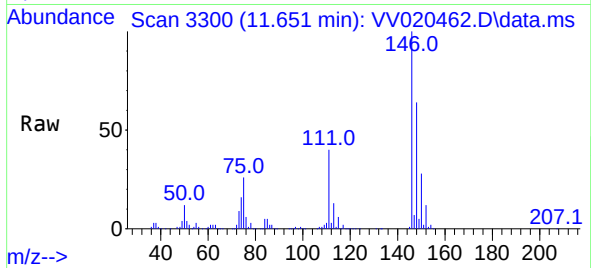




#65
1,2-Dichlorobenzene
Concen: 51.22 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

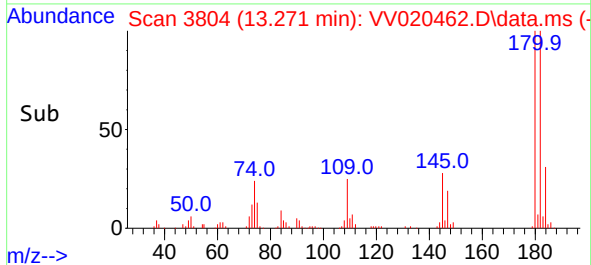
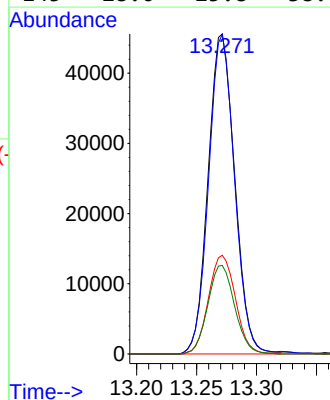
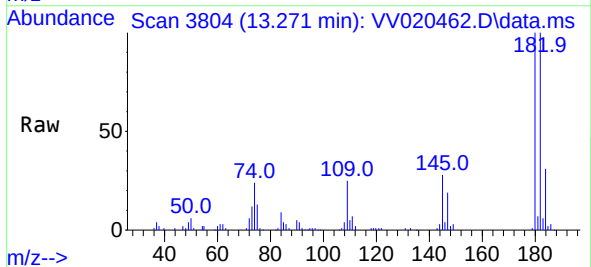
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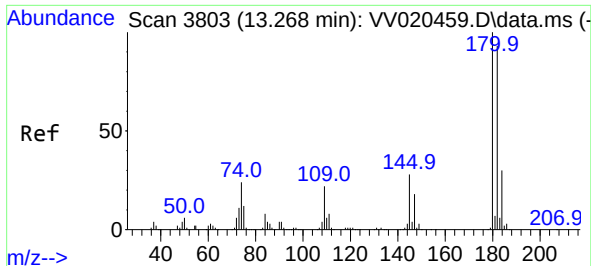
Tgt Ion:146 Resp: 373489
Ion Ratio Lower Upper
146 100
111 39.9 36.3 54.5
148 64.2 51.7 77.5



#67
1,3,5-Trichlorobenzene
Concen: 12.31 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.621 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

Tgt Ion:180 Resp: 70177
Ion Ratio Lower Upper
180 100
182 97.3 75.0 112.6
184 31.3 24.0 36.0
145 28.0 25.8 38.6

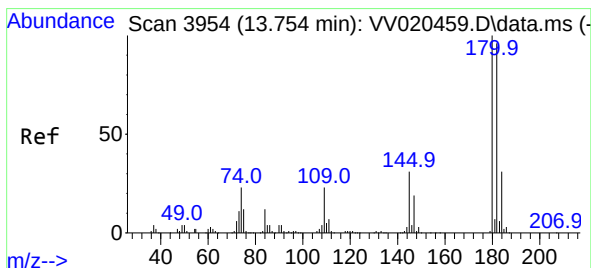
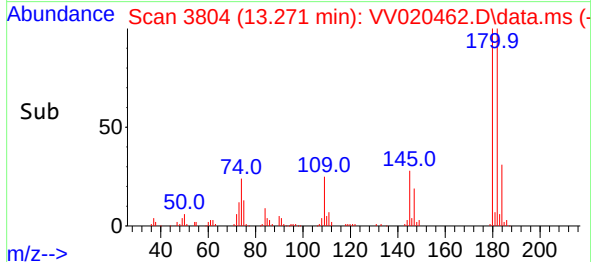
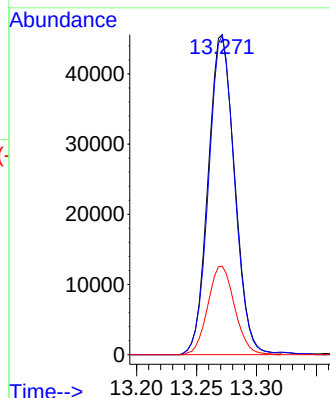
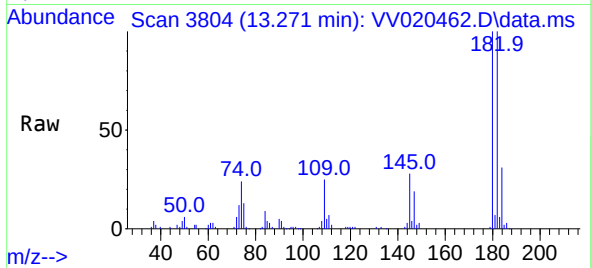




#68
1,2,4-trichlorobenzene
Concen: 13.87 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:180 Resp: 70177
Ion Ratio Lower Upper
180 100
182 97.3 75.1 112.7
145 28.0 26.8 40.2



#70
1,2,3-Trichlorobenzene
Concen: 7.16 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020462.D
Acq: 04 Mar 2021 11:41

Tgt Ion:180 Resp: 36094
Ion Ratio Lower Upper
180 100
182 93.7 76.1 114.1
145 30.6 27.9 41.9

