

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030650.D
 Acq On : 19 Apr 2023 04:38
 Operator : SY/MD
 Sample : 02398-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN7

Quant Time: Apr 19 05:21:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

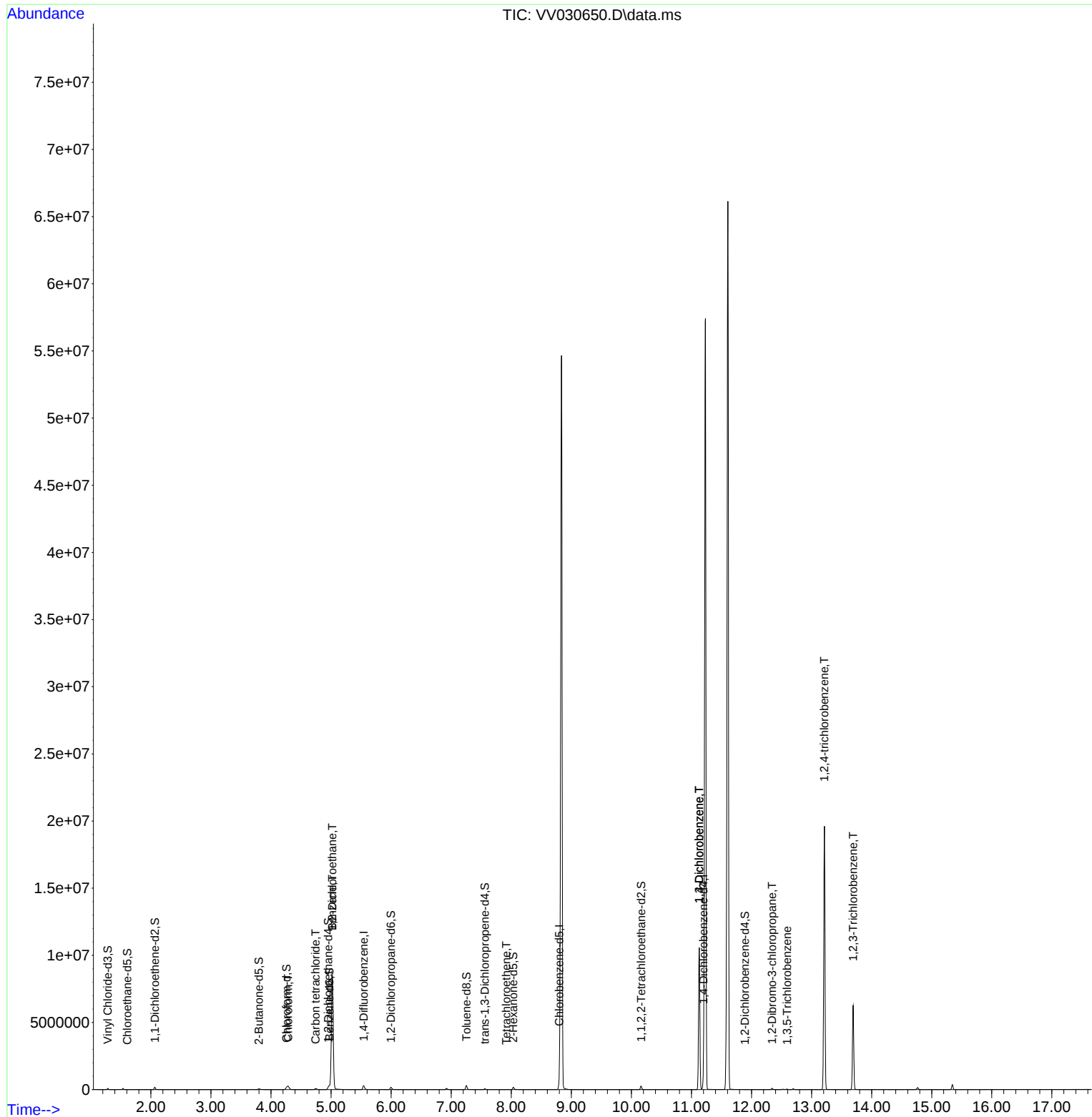
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	247154	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.799	117	256470	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.201	152	168203	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	57480	31.725	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.440%		
7) Chloroethane-d5	1.606	69	139	0.092	ug/L	0.07
Spiked Amount 50.000	Range 70 - 130		Recovery =	0.180%#		
11) 1,1-Dichloroethene-d2	2.066	65	29419	34.239	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.480%		
21) 2-Butanone-d5	3.799	46	85403	85.818	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.820%		
24) Chloroform-d	4.259	84	134359	40.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.840%		
26) 1,2-Dichloroethane-d4	4.953	65	89387	42.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.680%		
32) Benzene-d6	4.973	84	226808	37.404	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.800%		
36) 1,2-Dichloropropane-d6	5.998	67	72823	38.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.320%		
41) Toluene-d8	7.252	98	194330	34.134	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	68.260%#		
43) trans-1,3-Dichloroprop...	7.561	79	34887	36.749	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.500%		
47) 2-Hexanone-d5	8.034	63	55786	75.183	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.180%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	100283	36.692	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	73.380%		
66) 1,2-Dichlorobenzene-d4	11.889	152	66	0.025	ug/L	0.32
Spiked Amount 50.000	Range 80 - 120		Recovery =	0.040%#		
Target Compounds						Qvalue
25) Chloroform	4.285	83	213408	57.884	ug/L	98
27) 1,2-Dichloroethane	5.021	62	84443	27.057	ug/L #	77
31) Carbon tetrachloride	4.744	117	51721	16.052	ug/L	96
33) Benzene	5.021	78	7818615	1003.909	ug/L	100
46) Tetrachloroethene	7.918	164	1073	0.605	ug/L	82
64) 1,3-Dichlorobenzene	11.130	146	3795201	722.630	ug/L	98
65) 1,4-Dichlorobenzene	11.130	146	3795201	685.287	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.342	75	13950	15.629	ug/L #	6
69) 1,3,5-Trichlorobenzene	12.593	180	3544	0.893	ug/L	90
70) 1,2,4-trichlorobenzene	13.213	180	5057373	1501.374	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	1700526	509.108	ug/L	99

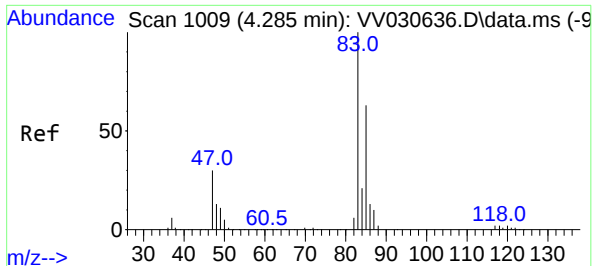
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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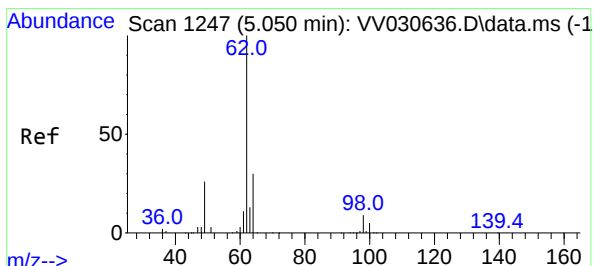
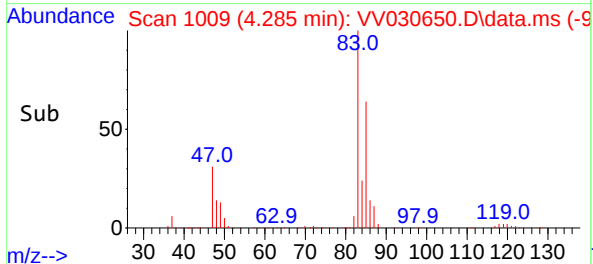
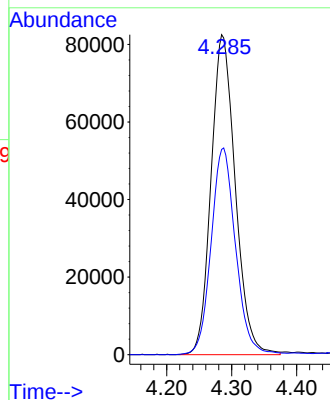
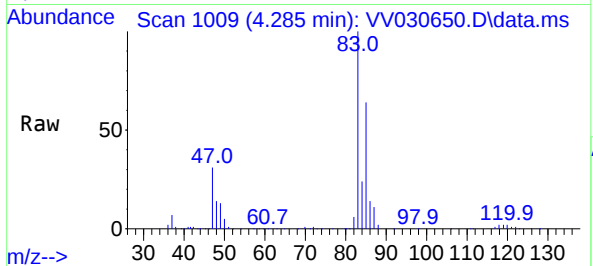




#25
Chloroform
Concen: 57.884 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VV030650.D
Acq: 19 Apr 2023 04:38

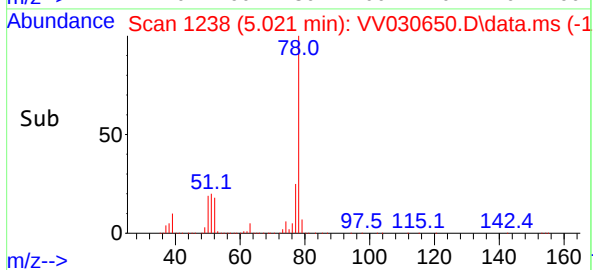
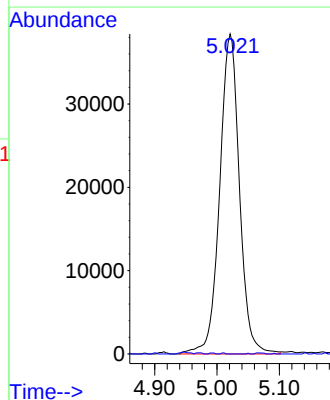
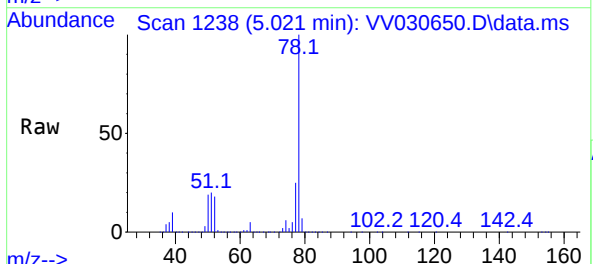
Instrument :
MSVOA_V
ClientSampleId :
COMN7

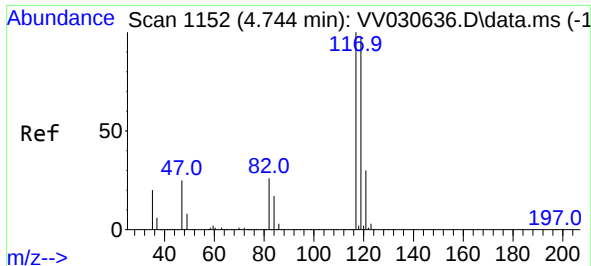
Tgt Ion: 83 Resp: 213408
Ion Ratio Lower Upper
83 100
85 64.1 45.8 85.2



#27
1,2-Dichloroethane
Concen: 27.057 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. -0.026 min
Lab File: VV030650.D
Acq: 19 Apr 2023 04:38

Tgt Ion: 62 Resp: 84443
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#

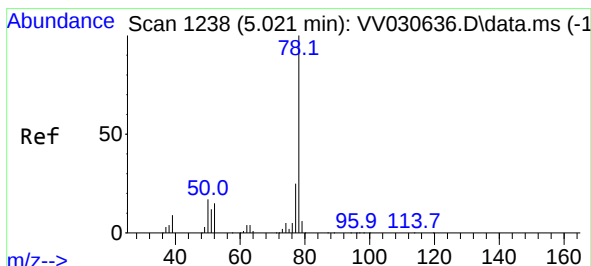
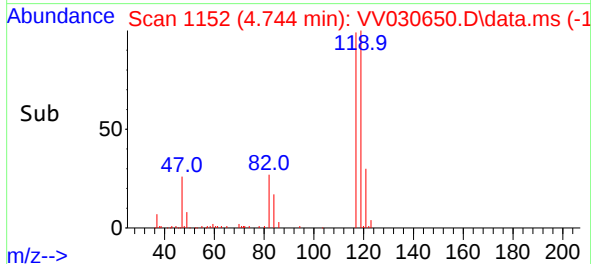
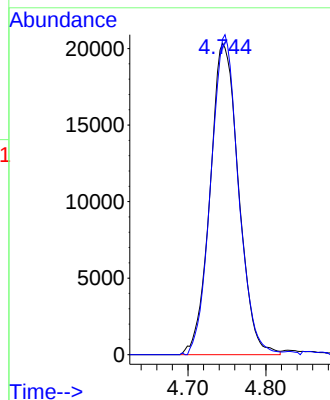
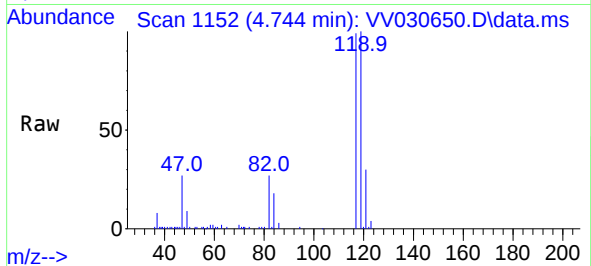




#31
Carbon tetrachloride
Concen: 16.052 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030650.D
Acq: 19 Apr 2023 04:38

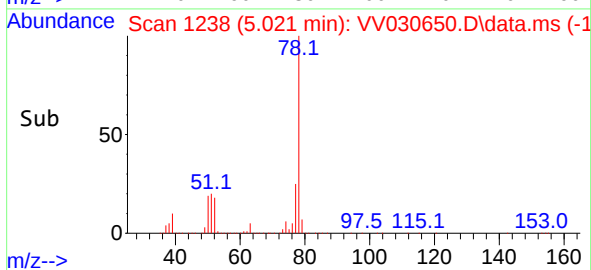
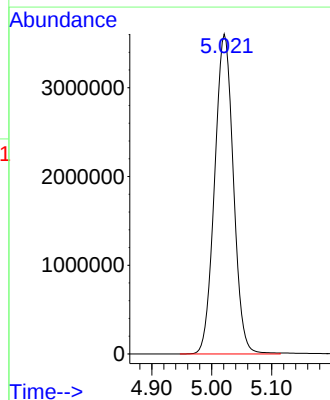
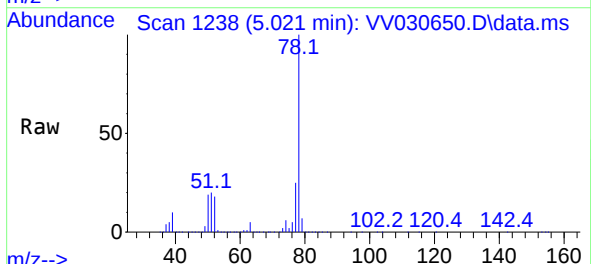
Instrument :
MSVOA_V
ClientSampleId :
COMN7

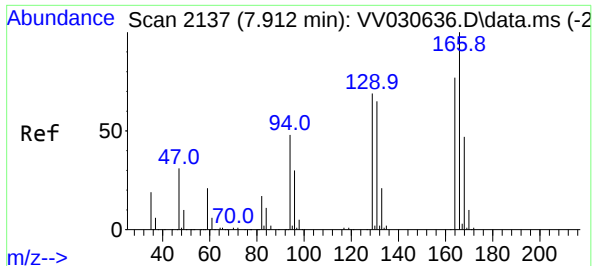
Tgt Ion:117 Resp: 51721
Ion Ratio Lower Upper
117 100
119 99.1 75.9 113.9



#33
Benzene
Concen: 1003.909 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030650.D
Acq: 19 Apr 2023 04:38

Tgt Ion: 78 Resp: 7818615





#46

Tetrachloroethene

Concen: 0.605 ug/L

RT: 7.918 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV030650.D

Acq: 19 Apr 2023 04:38

Instrument :

MSVOA_V

ClientSampleId :

COMN7

Tgt Ion:164 Resp: 1073

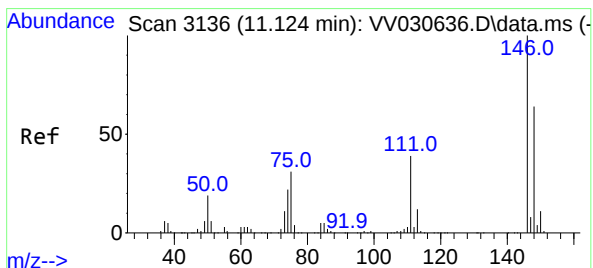
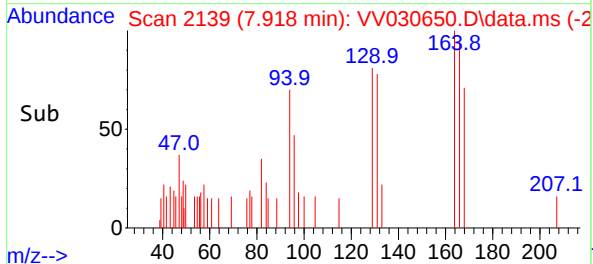
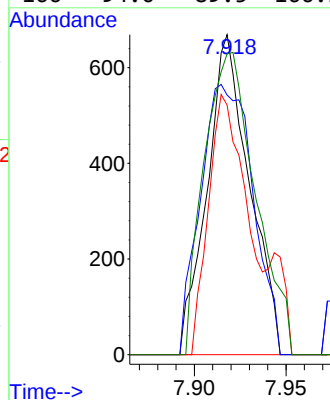
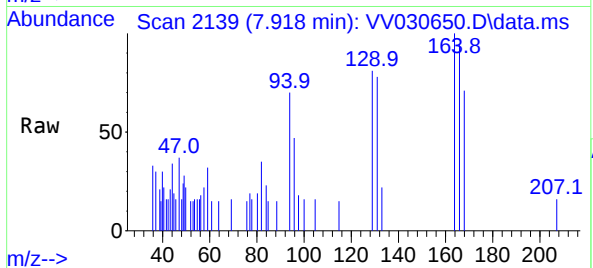
Ion Ratio Lower Upper

164 100

129 81.2 63.8 118.6

131 78.0 60.3 111.9

166 94.0 89.5 166.1



#64

1,3-Dichlorobenzene

Concen: 722.630 ug/L

RT: 11.130 min Scan# 3138

Delta R.T. 0.006 min

Lab File: VV030650.D

Acq: 19 Apr 2023 04:38

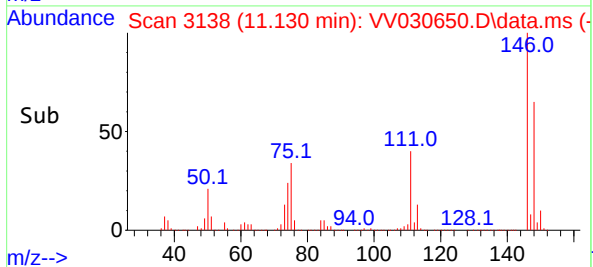
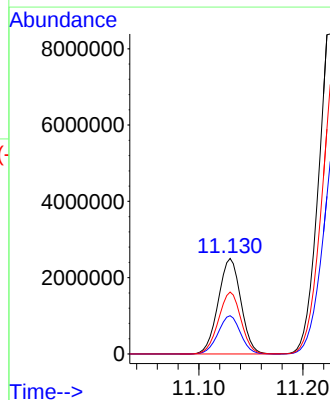
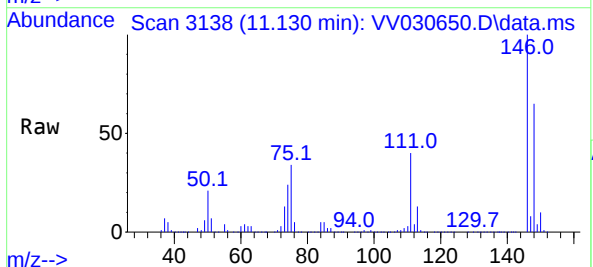
Tgt Ion:146 Resp: 3795201

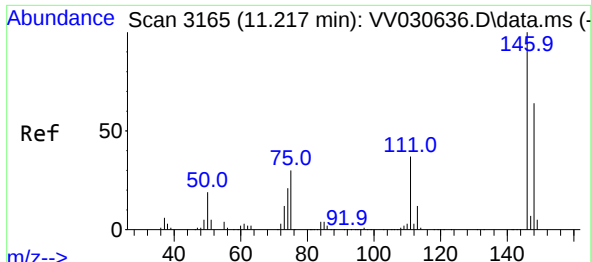
Ion Ratio Lower Upper

146 100

111 40.1 27.0 50.2

148 64.8 44.8 83.2

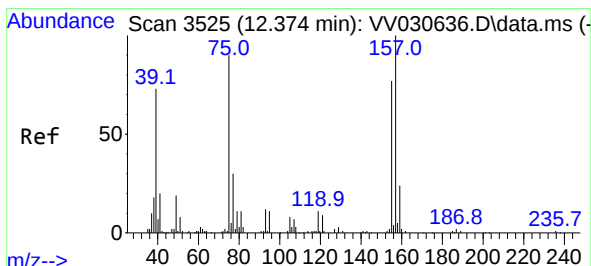
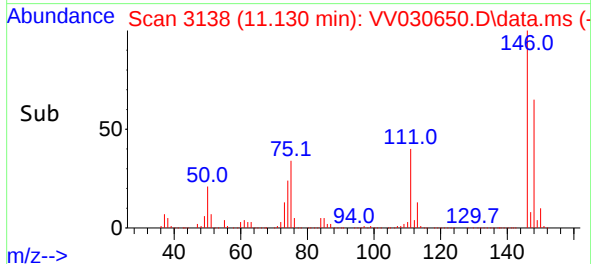
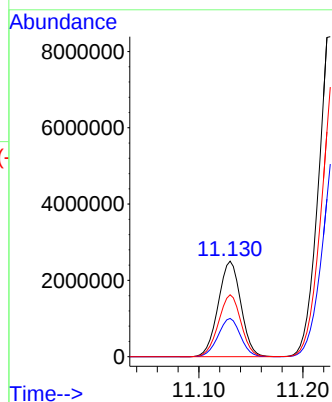
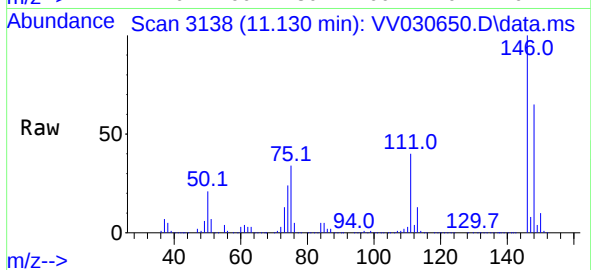




#65
1,4-Dichlorobenzene
Concen: 685.287 ug/L
RT: 11.130 min Scan# 3165
Delta R.T. -0.087 min
Lab File: VV030650.D
Acq: 19 Apr 2023 04:38

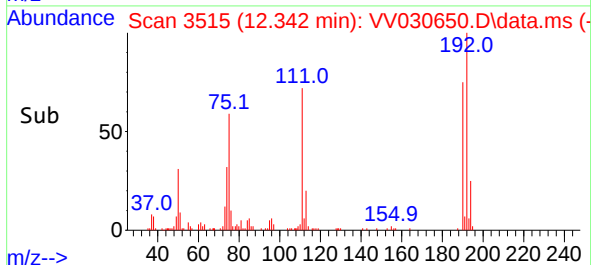
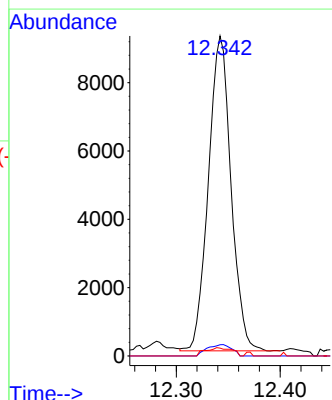
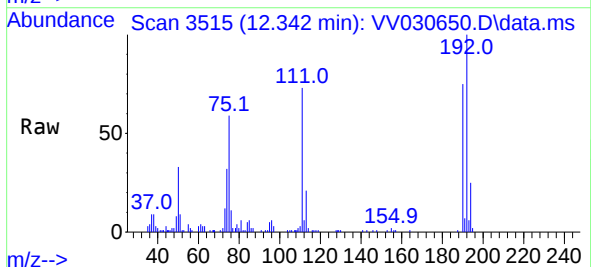
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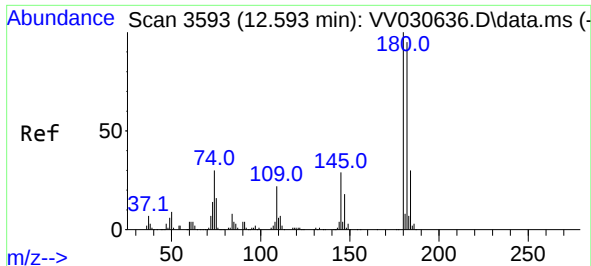
Tgt Ion:146 Resp: 3795201
Ion Ratio Lower Upper
146 100
111 40.1 26.5 49.1
148 64.8 44.7 83.1



#68
1,2-Dibromo-3-chloropropane
Concen: 15.629 ug/L
RT: 12.342 min Scan# 3515
Delta R.T. -0.032 min
Lab File: VV030650.D
Acq: 19 Apr 2023 04:38

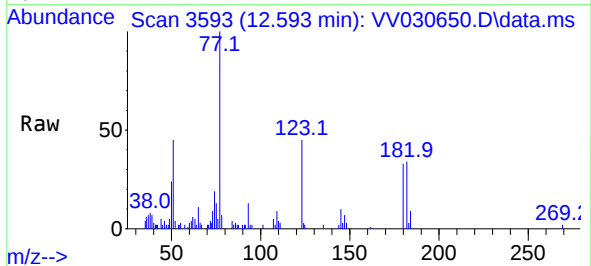
Tgt Ion: 75 Resp: 13950
Ion Ratio Lower Upper
75 100
155 3.5 65.0 97.6#
157 2.5 84.4 126.6#



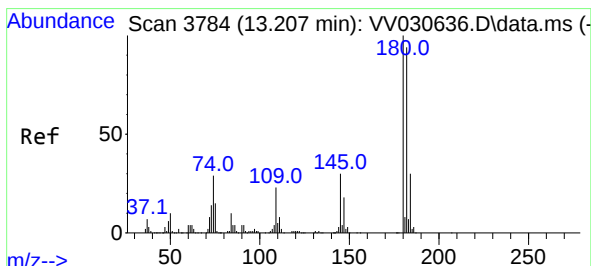
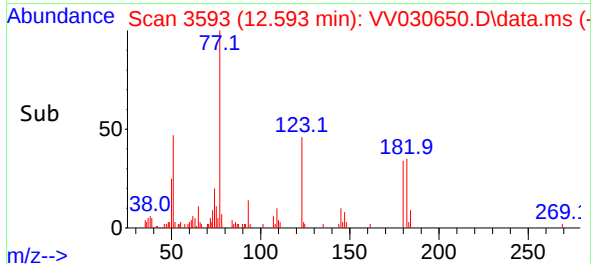
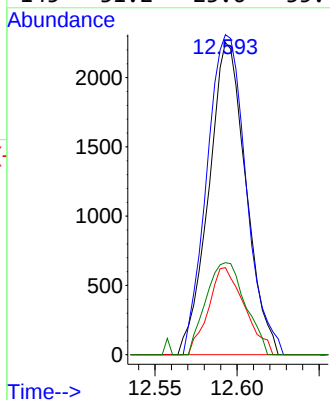


#69
1,3,5-Trichlorobenzene
Concen: 0.893 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. -0.000 min
Lab File: VV030650.D
Acq: 19 Apr 2023 04:38

Instrument :
MSVOA_V
ClientSampleId :
COMN7

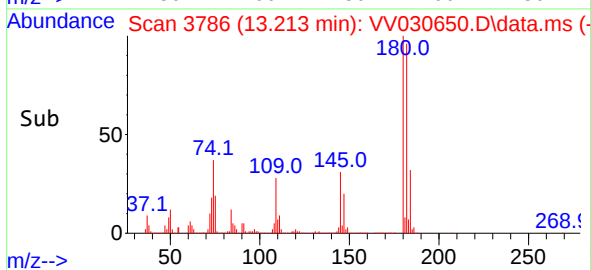
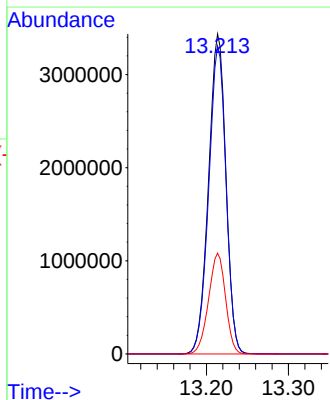
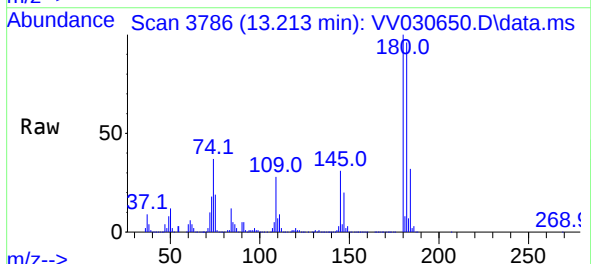


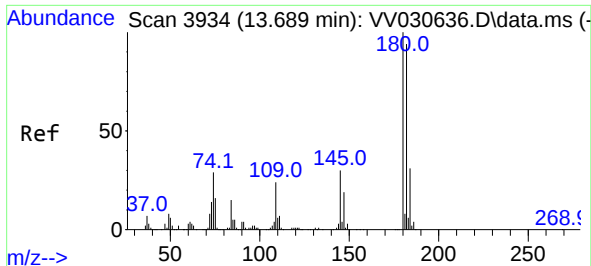
Tgt Ion:180	Resp:	3544	
Ion	Ratio	Lower	Upper
180	100		
182	108.1	76.4	114.6
184	27.1	24.1	36.1
145	31.2	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 1501.374 ug/L
RT: 13.213 min Scan# 3786
Delta R.T. 0.006 min
Lab File: VV030650.D
Acq: 19 Apr 2023 04:38

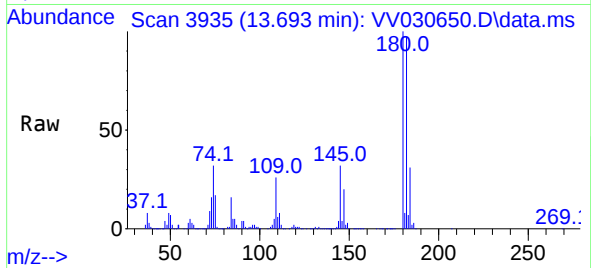
Tgt Ion:180	Resp:	5057373	
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
145	30.8	23.4	35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 509.108 ug/L
 RT: 13.693 min Scan# 3935
 Delta R.T. 0.003 min
 Lab File: VV030650.D
 Acq: 19 Apr 2023 04:38

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:180 Resp: 1700526

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.2	114.4
145	31.7	25.1	37.7

