Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052423\
Data File : VV031221.D
Acq On : 24 May 2023 17:33
Operator : SY/MD
Sample : VIBLK213
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK213

Quant Time: May 25 02:03:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 25 01:11:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	149718	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	141943	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	68723	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	53329	41.679	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.360%			
7) Chloroethane-d5	1.536	69	51026	51.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.540%			
11) 1,1-Dichloroethene-d2	2.063	65	26633	44.388	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.780%			
21) 2-Butanone-d5	3.799	46	88435	129.710	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 129.710%			
24) Chloroform-d	4.259	84	120538	53.251	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.500%			
26) 1,2-Dichloroethane-d4	4.950	65	94915	62.053	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 124.100%			
32) Benzene-d6	4.970	84	203037	52.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.520%			
36) 1,2-Dichloropropane-d6	5.995	67	61582	53.487	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.980%			
41) Toluene-d8	7.249	98	168254	46.849	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.700%			
43) trans-1,3-Dichloroprop...	7.558	79	33055	57.224	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 114.440%			
47) 2-Hexanone-d5	8.034	63	52575	117.118	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.120%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	94900	54.955	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.920%			
66) 1,2-Dichlorobenzene-d4	11.567	152	69457	56.243	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.480%			
Target Compounds						Qvalue
16) Methylene chloride	2.462	84	2033	2.196	ug/L	95
48) 2-Hexanone	8.092	43	7042	5.870	ug/L #	60
64) 1,3-Dichlorobenzene	11.127	146	1792	0.952	ug/L #	86
65) 1,4-Dichlorobenzene	11.220	146	2061	1.052	ug/L	93
67) 1,2-Dichlorobenzene	11.587	146	2087	1.092	ug/L #	89
70) 1,2,4-trichlorobenzene	13.207	180	3356	2.709	ug/L #	83
72) 1,2,3-Trichlorobenzene	13.693	180	4348	3.512	ug/L	95

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

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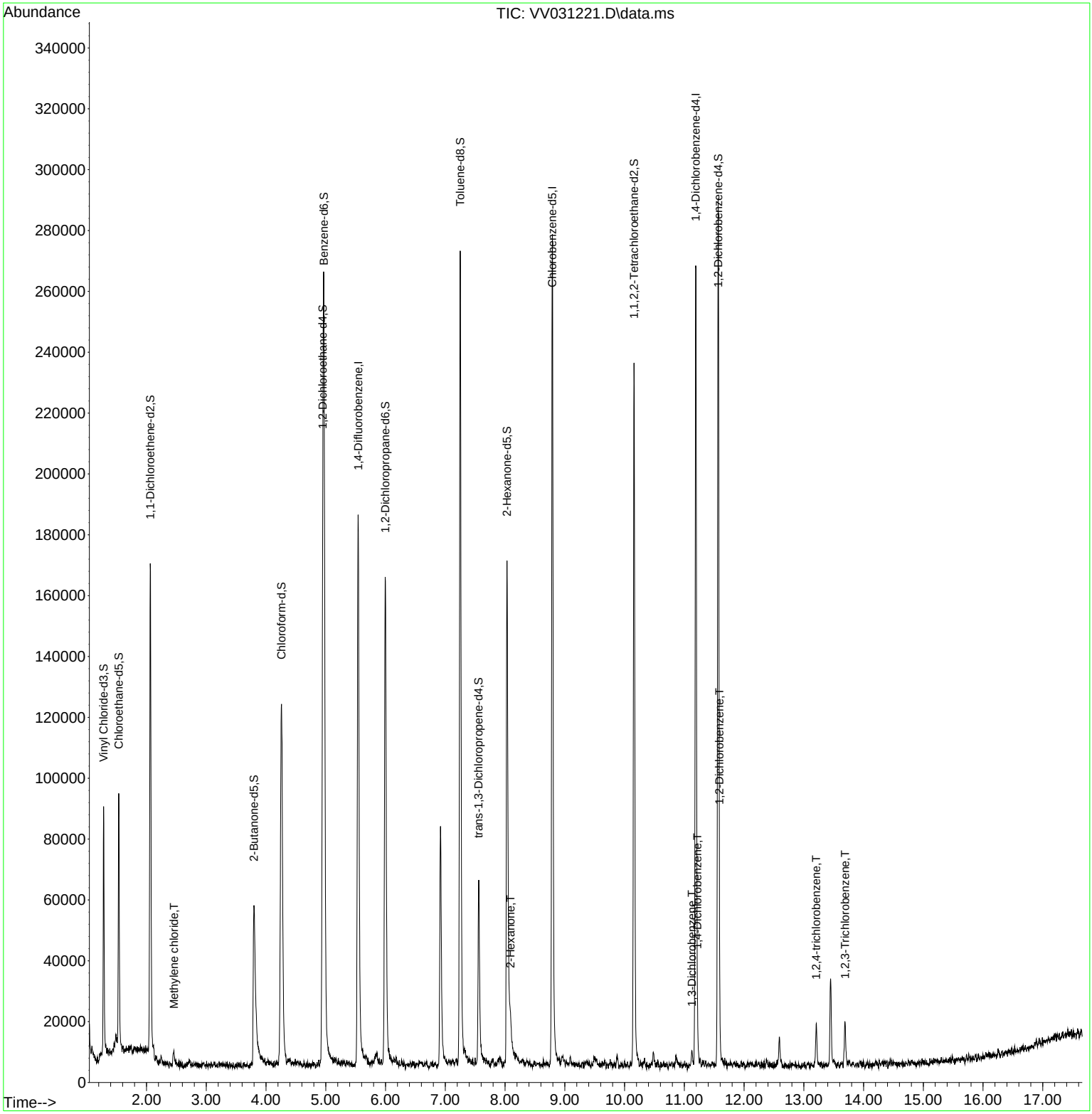
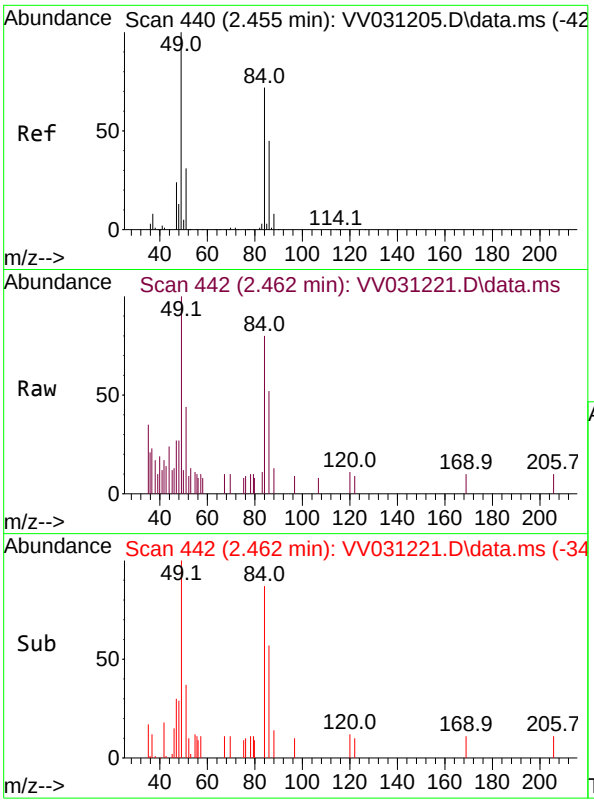


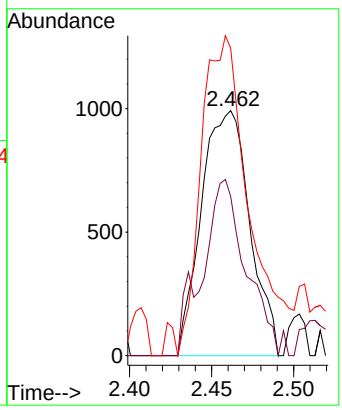


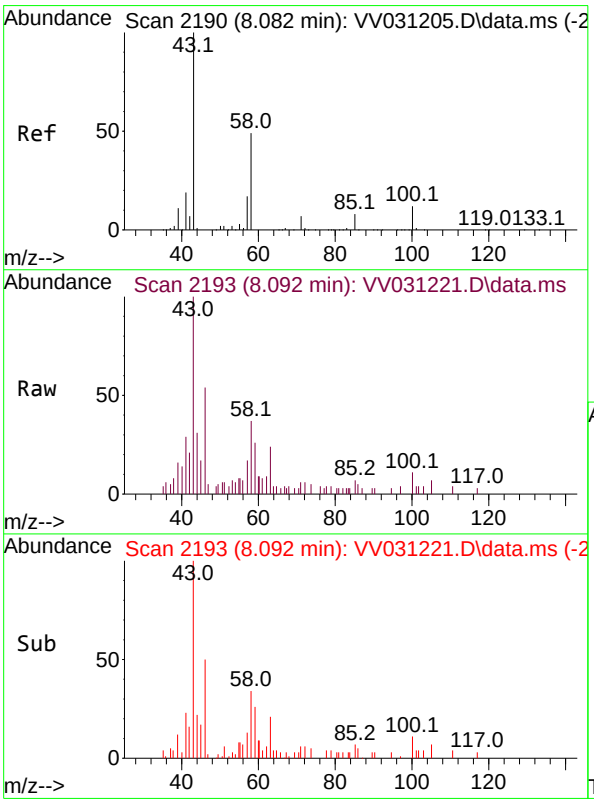
#16
Methylene chloride
Concen: 2.196 ug/L
RT: 2.462 min Scan# 44
Delta R.T. 0.006 min
Lab File: VV031221.D
Acq: 24 May 2023 17:33

Instrument :
MSVOA_V
ClientSampleId :
VIBLK213

Tgt Ion: 84 Resp: 2033

Ion	Ratio	Lower	Upper
84	100		
86	65.0	43.3	80.3
49	125.4	92.6	172.0

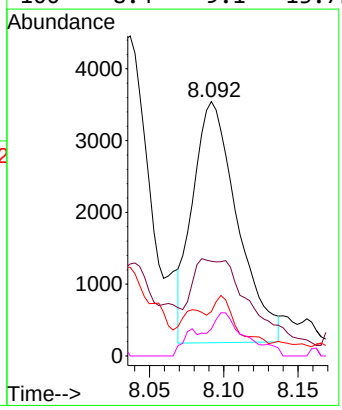


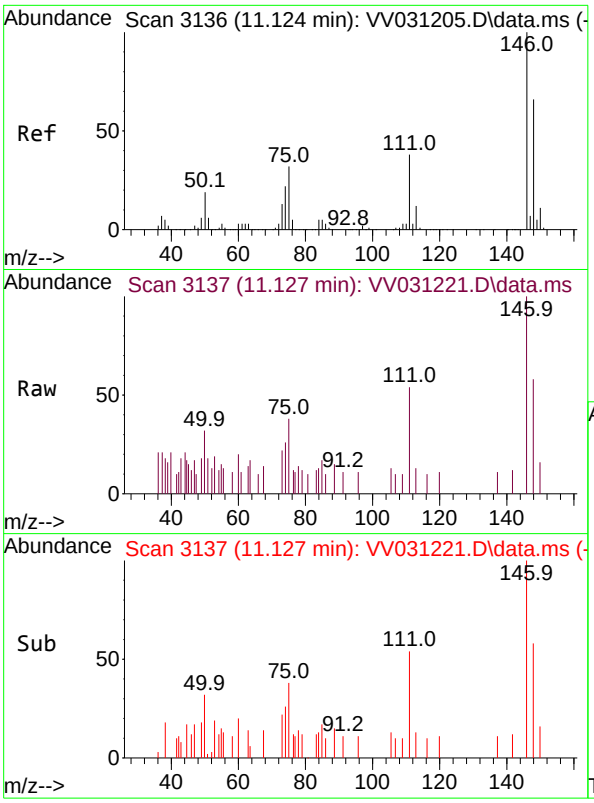


#48
2-Hexanone
Concen: 5.870 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. 0.010 min
Lab File: VV031221.D
Acq: 24 May 2023 17:33

Tgt Ion: 43 Resp: 7042

Ion	Ratio	Lower	Upper
43	100		
58	10.5	39.8	59.6#
57	11.4	14.4	21.6#
100	8.4	9.1	13.7#



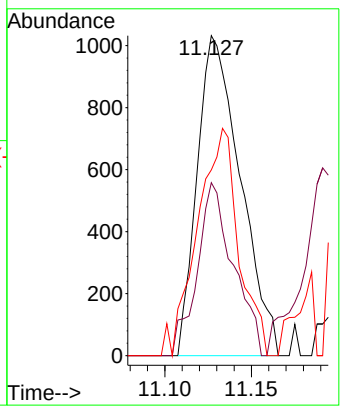


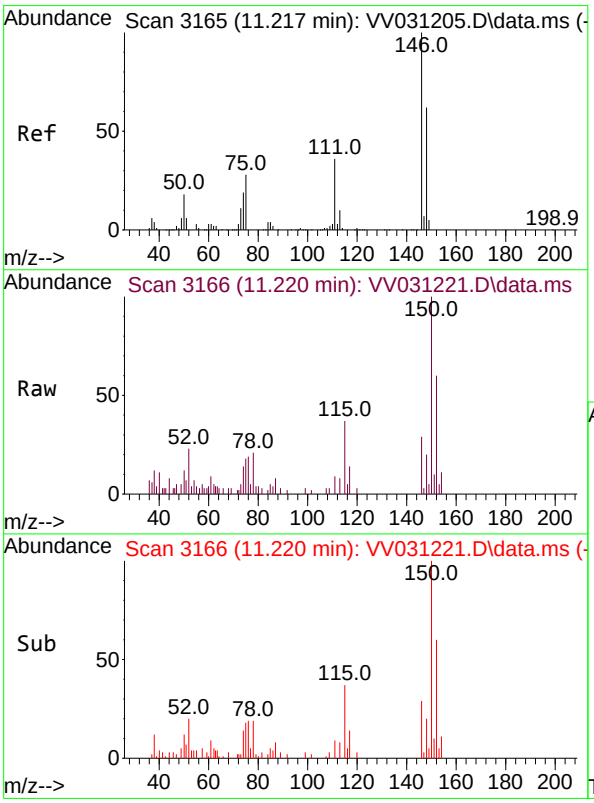
#64
1,3-Dichlorobenzene
Concen: 0.952 ug/L
RT: 11.127 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV031221.D
Acq: 24 May 2023 17:33

Instrument :
MSVOA_V
ClientSampleId :
VIBLK213

Tgt Ion:146 Resp: 1792

Ion	Ratio	Lower	Upper
146	100		
111	54.1	27.2	50.4#
148	58.0	44.4	82.5

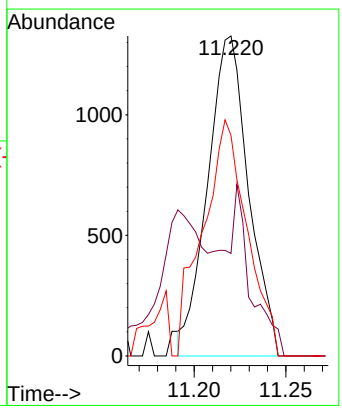


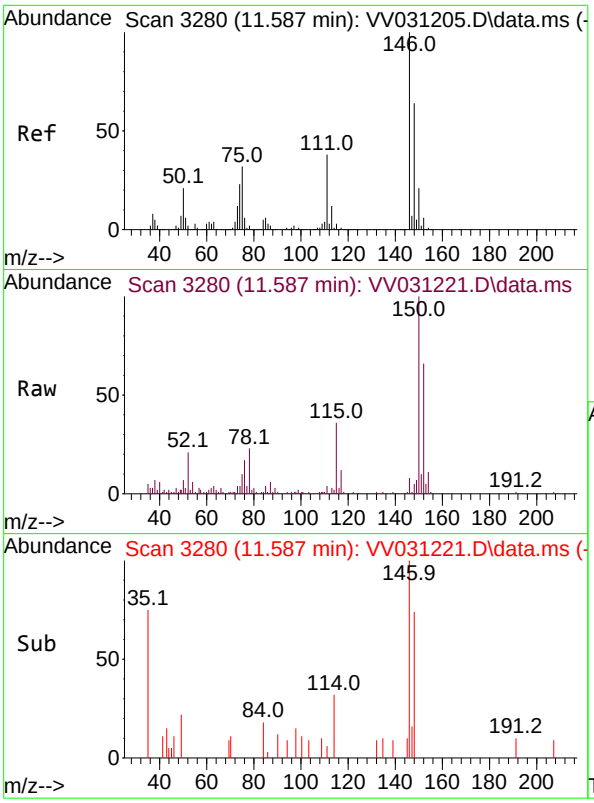


#65
1,4-Dichlorobenzene
Concen: 1.052 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV031221.D
Acq: 24 May 2023 17:33

Tgt Ion:146 Resp: 2061

Ion	Ratio	Lower	Upper
146	100		
111	32.0	25.5	47.3
148	68.9	44.5	82.7



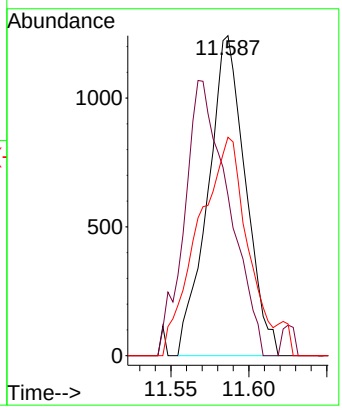


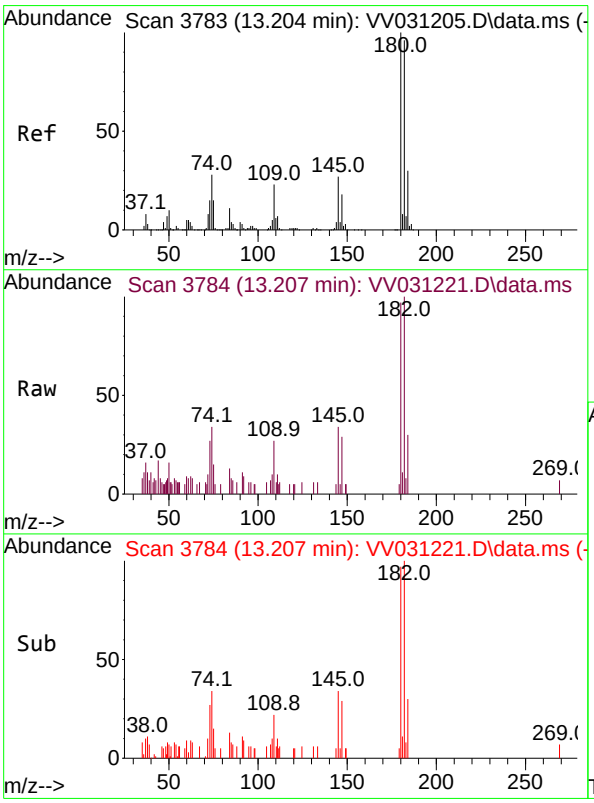
#67
1,2-Dichlorobenzene
Concen: 1.092 ug/L
RT: 11.587 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV031221.D
Acq: 24 May 2023 17:33

Instrument :
MSVOA_V
ClientSampleId :
VIBLK213

Tgt Ion:146 Resp: 2087

Ion	Ratio	Lower	Upper
146	100		
111	50.2	31.4	47.2#
148	68.3	50.2	75.4

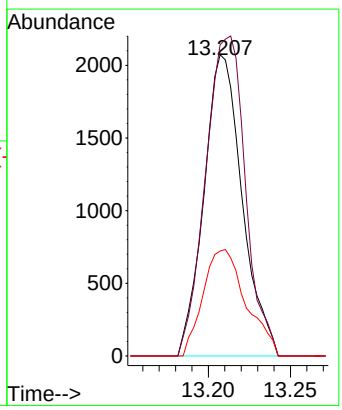


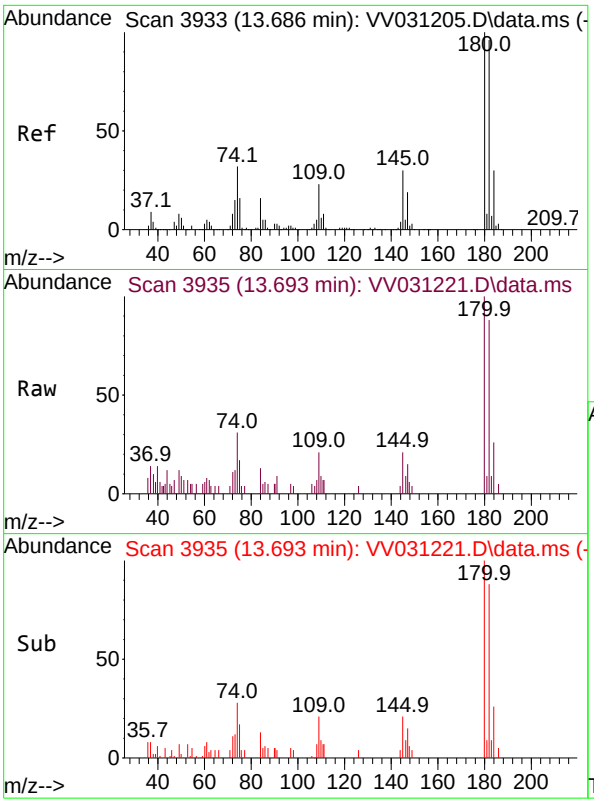


#70
1,2,4-trichlorobenzene
Concen: 2.709 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. 0.003 min
Lab File: VV031221.D
Acq: 24 May 2023 17:33

Tgt Ion:180 Resp: 3356

Ion	Ratio	Lower	Upper
180	100		
182	110.4	75.4	113.2
145	39.7	23.1	34.7#





#72
1,2,3-Trichlorobenzene
Concen: 3.512 ug/L
RT: 13.693 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV031221.D
Acq: 24 May 2023 17:33

Instrument :
MSVOA_V
ClientSampleId :
VIBLK213

Tgt Ion:180 Resp: 4348

Ion	Ratio	Lower	Upper
180	100		
182	99.8	75.4	113.0
145	28.7	24.2	36.4