Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102220\
Data File : VV019083.D
Acq On : 22 Oct 2020 21:21
Operator : SY/MD
Sample : L4483-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG8DL

Quant Time: Oct 23 08:22:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 22 13:54:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287372	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283746	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132461	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	123348	47.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.50%			
7) Chloroethane-d5	1.58	69	101134	48.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.26%			
11) 1,1-Dichloroethene-d2	2.12	63	183434	37.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.04%			
21) 2-Butanone-d5	3.92	46	167929	95.64	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.64%			
24) Chloroform-d	4.38	84	209712	45.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.86%			
26) 1,2-Dichloroethane-d4	5.06	65	147681	48.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.22%			
32) Benzene-d6	5.08	84	412610	47.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.08%			
36) 1,2-Dichloropropane-d6	6.09	67	133910	47.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.26%			
41) Toluene-d8	7.34	98	360226	46.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.82%			
43) trans-1,3-Dichloropropene-	7.64	79	65695	45.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.20%			
47) 2-Hexanone-d5	8.11	63	113470	92.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.82%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	167275	44.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	11.65	152	140016	50.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
13) Acetone	2.20	43	5785	4.861	ug/L	91
51) Chlorobenzene	8.90	112	32655	5.710	ug/L	97
62) 1,3-Dichlorobenzene	11.21	146	4588	1.154	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	39911	9.609	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	149669	37.343	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	29881	11.674	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	18626	7.182	ug/L	99

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

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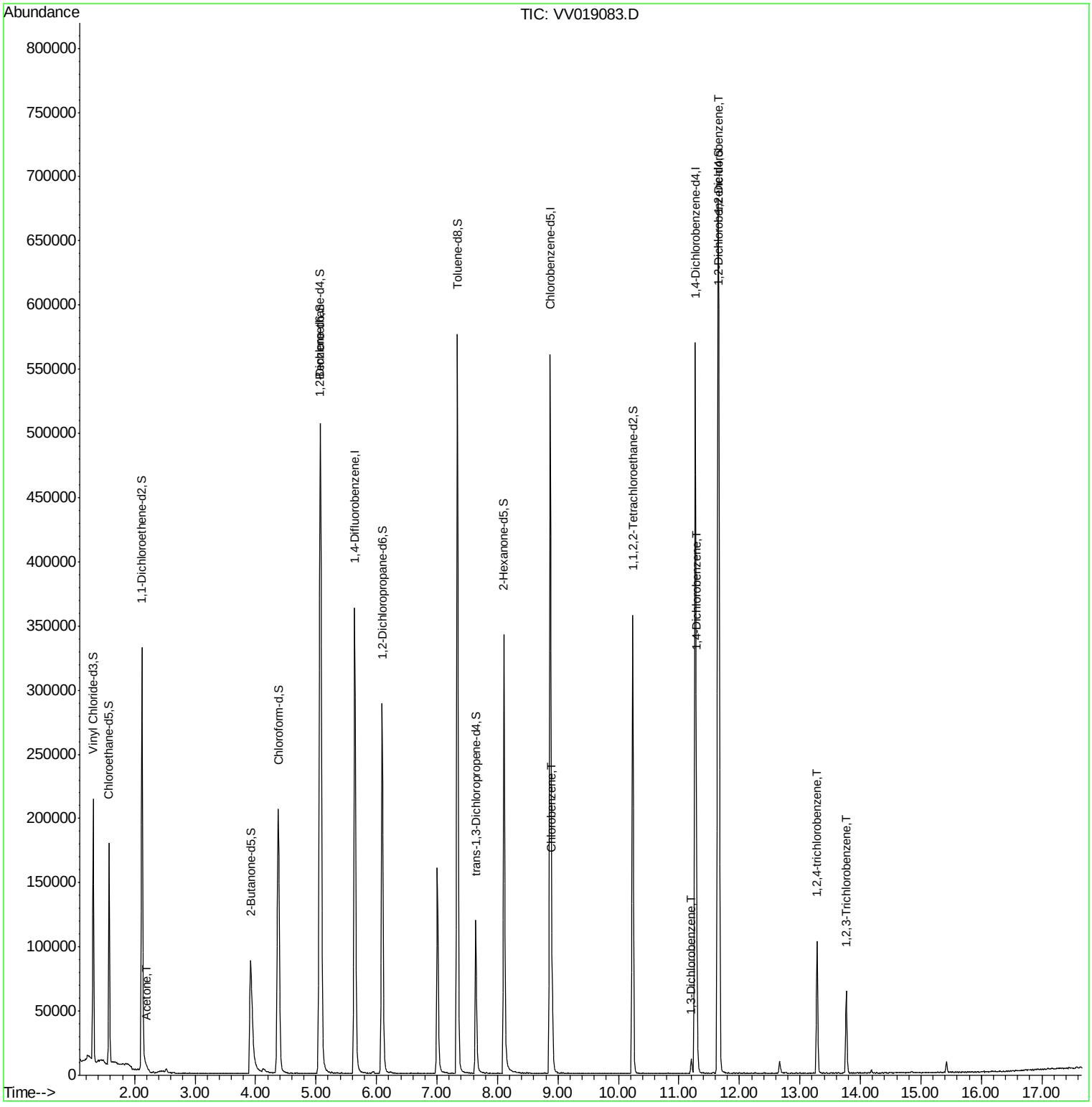
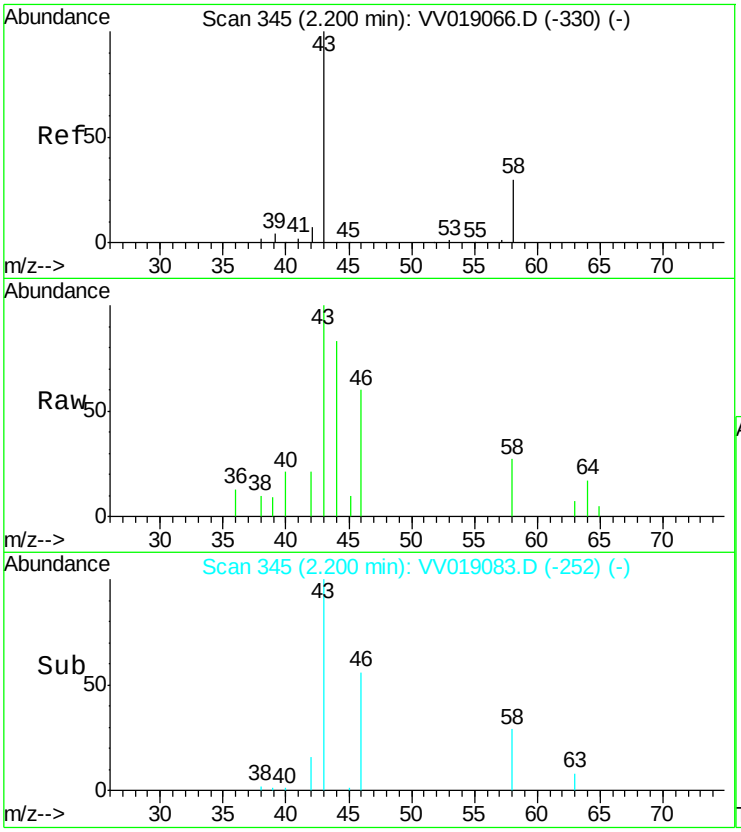


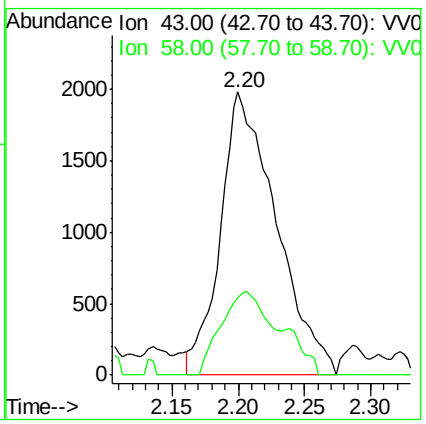


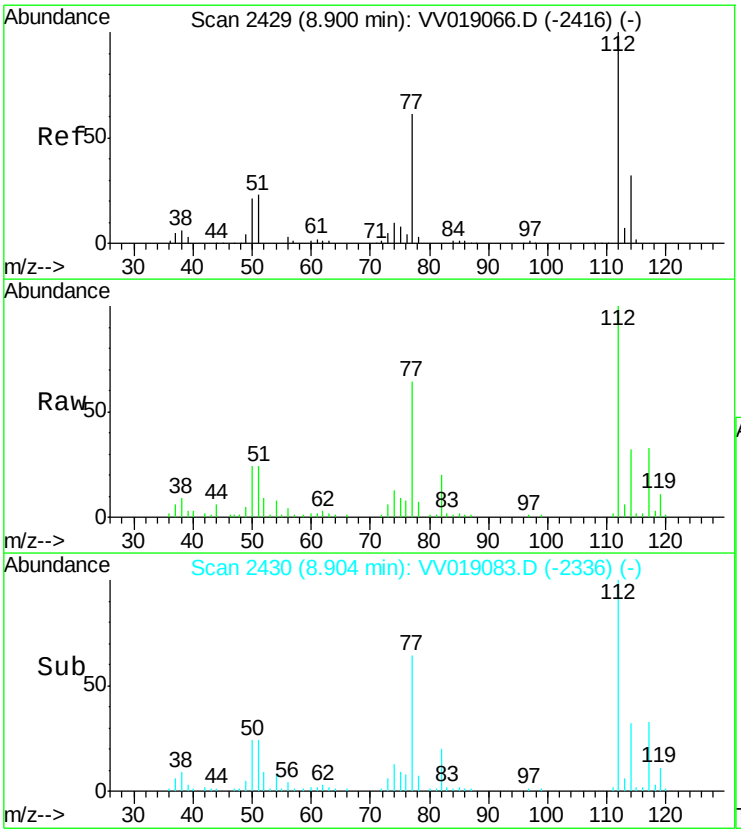
#13
Acetone
Concen: 4.861 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV019083.D
Acq: 22 Oct 2020 21:21

Instrument :
MSVOA_V
ClientSampleId :
C0FG8DL

Tgt Ion: 43 Resp: 5785

Ion	Ratio	Lower	Upper
43	100		
58	25.2	0.0	60.2

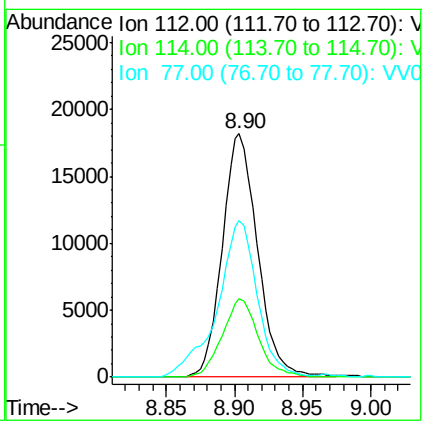


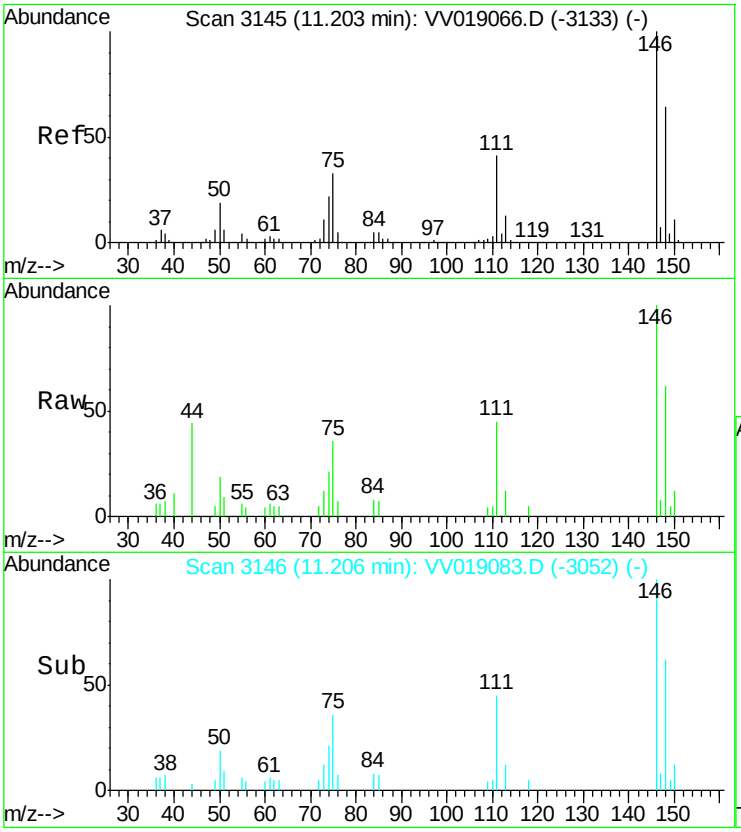


#51
Chlorobenzene
Concen: 5.710 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV019083.D
Acq: 22 Oct 2020 21:21

Tgt Ion:112 Resp: 32655

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.2	41.2
77	64.2	49.1	73.7



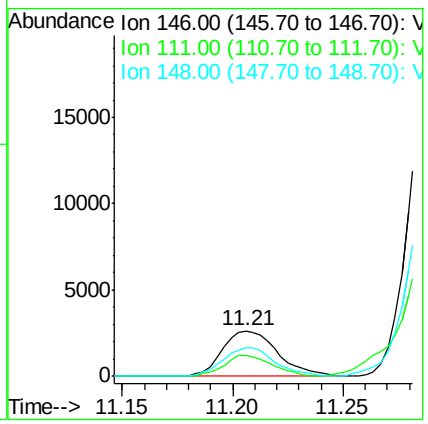


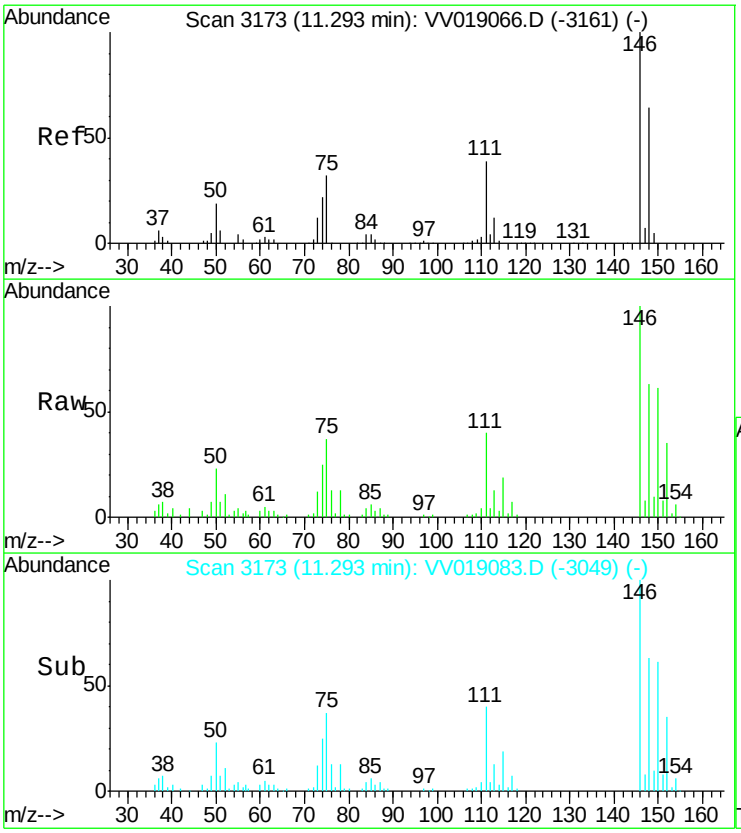
#62
1,3-Dichlorobenzene
Concen: 1.154 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV019083.D
Acq: 22 Oct 2020 21:21

Instrument : MSVOA_V
ClientSampleId : C0FG8DL

Tgt Ion:146 Resp: 4588

Ion	Ratio	Lower	Upper
146	100		
111	45.5	28.8	53.4
148	61.9	44.5	82.7

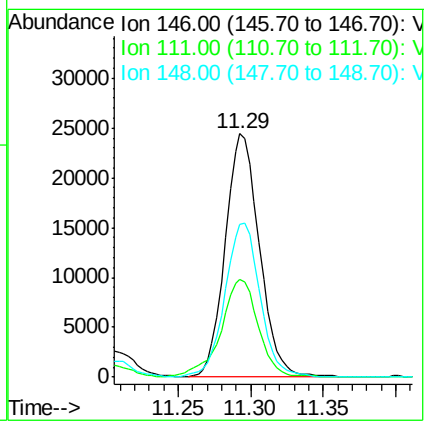


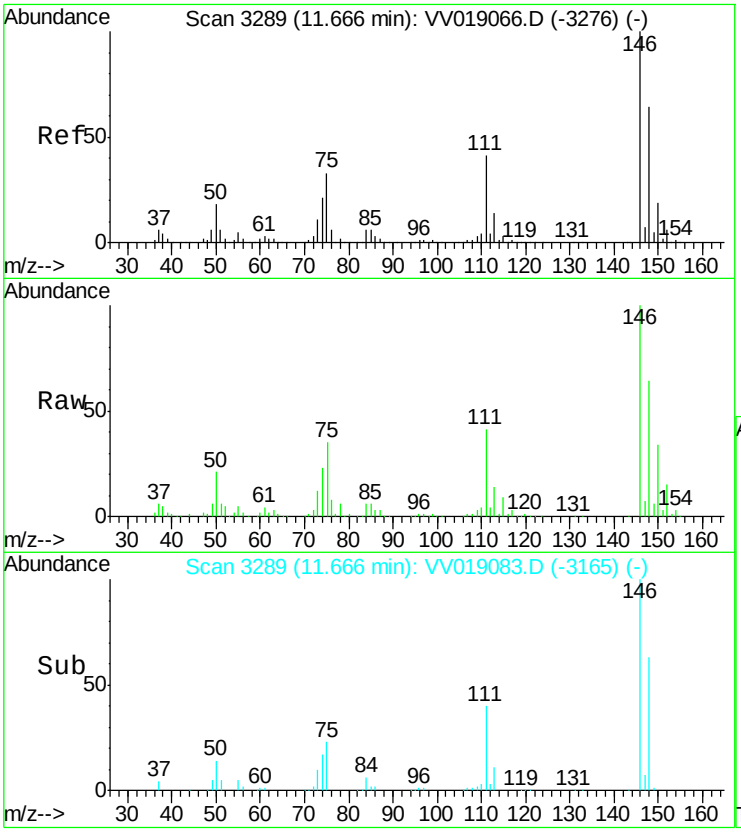


#63
1,4-Dichlorobenzene
Concen: 9.609 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV019083.D
Acq: 22 Oct 2020 21:21

Tgt Ion:146 Resp: 39911

Ion	Ratio	Lower	Upper
146	100		
111	40.3	27.8	51.6
148	62.9	45.1	83.9



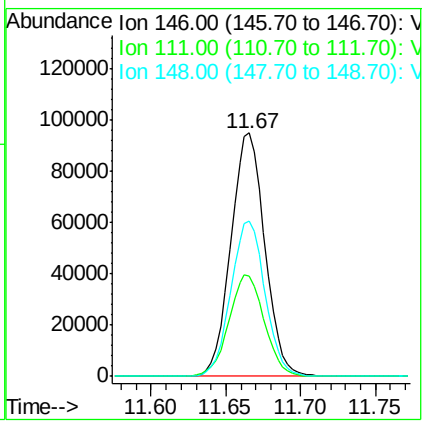


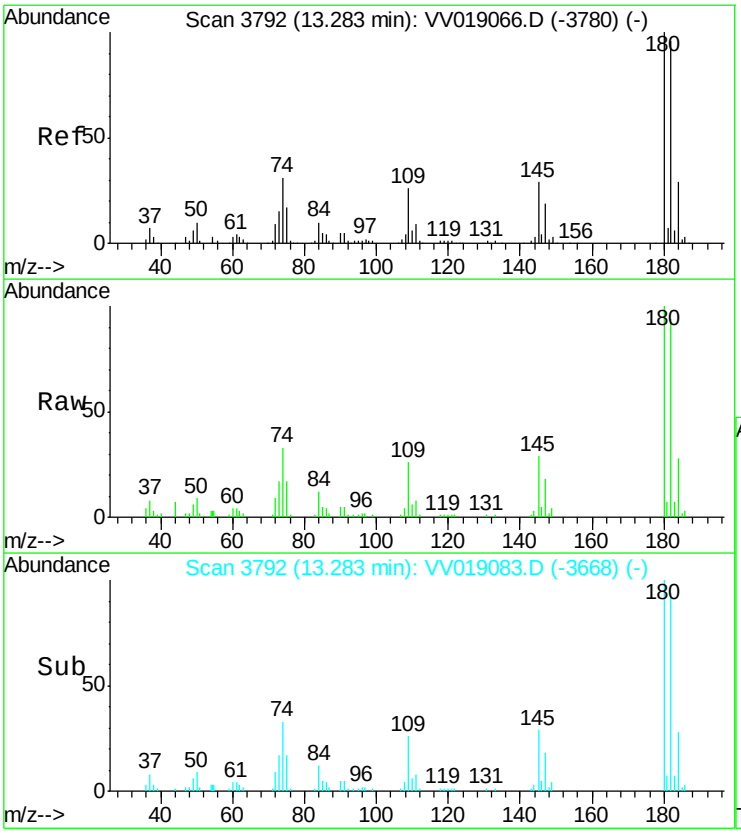
#65
1,2-Dichlorobenzene
Concen: 37.343 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV019083.D
Acq: 22 Oct 2020 21:21

Instrument :
MSVOA_V
ClientSampleId :
C0FG8DL

Tgt Ion:146 Resp: 149669

Ion	Ratio	Lower	Upper
146	100		
111	41.0	33.3	49.9
148	63.9	51.1	76.7

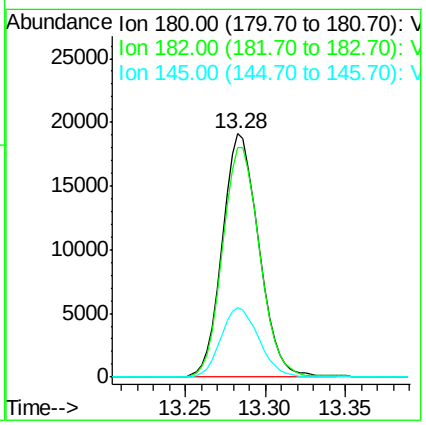


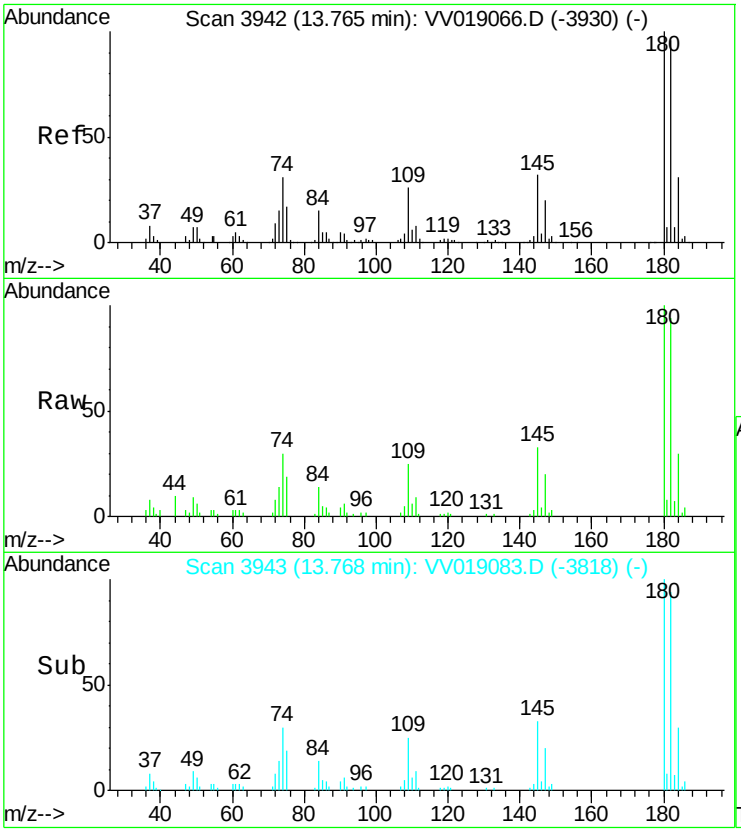


#68
1,2,4-trichlorobenzene
Concen: 11.674 ug/L
RT: 13.28 min Scan# 3792
Delta R.T. 0.00 min
Lab File: VV019083.D
Acq: 22 Oct 2020 21:21

Tgt Ion:180 Resp: 29881

Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.4	116.2
145	29.3	23.7	35.5





#70
1,2,3-Trichlorobenzene
Concen: 7.182 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VV019083.D
Acq: 22 Oct 2020 21:21

Instrument :
MSVOA_V
ClientSampleId :
C0FG8DL

Tgt Ion:180 Resp: 18626

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.9	115.3
145	32.4	25.6	38.4