Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081720\
Data File : VV018027.D
Acq On : 17 Aug 2020 15:35
Operator : SY/MD
Sample : L3684-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0F89DL

Quant Time: Aug 18 02:40:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268859	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131683	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	88960	43.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.74%			
7) Chloroethane-d5	1.58	69	76249	45.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.86%			
11) 1,1-Dichloroethene-d2	2.12	63	132289	33.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.42%			
21) 2-Butanone-d5	3.91	46	117773	87.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.66%			
24) Chloroform-d	4.38	84	161766	43.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.64%			
26) 1,2-Dichloroethane-d4	5.06	65	110871	45.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.42%			
32) Benzene-d6	5.08	84	325148	44.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.02%			
36) 1,2-Dichloropropane-d6	6.09	67	106201	43.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.94%			
41) Toluene-d8	7.34	98	286262	43.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.18%			
43) trans-1,3-Dichloropropene-	7.64	79	47203	43.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.18%			
47) 2-Hexanone-d5	8.11	63	58354	75.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 75.29%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130812	41.59	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.18%			
64) 1,2-Dichlorobenzene-d4	11.65	152	120863	46.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.28%			
Target Compounds						Qvalue
13) Acetone	2.19	43	4873	3.511	ug/L	95
51) Chlorobenzene	8.90	112	49335	8.864	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	6499	1.552	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	51000	11.856	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	209858	48.691	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	38932	13.921	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	23592	8.295	ug/L	99

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

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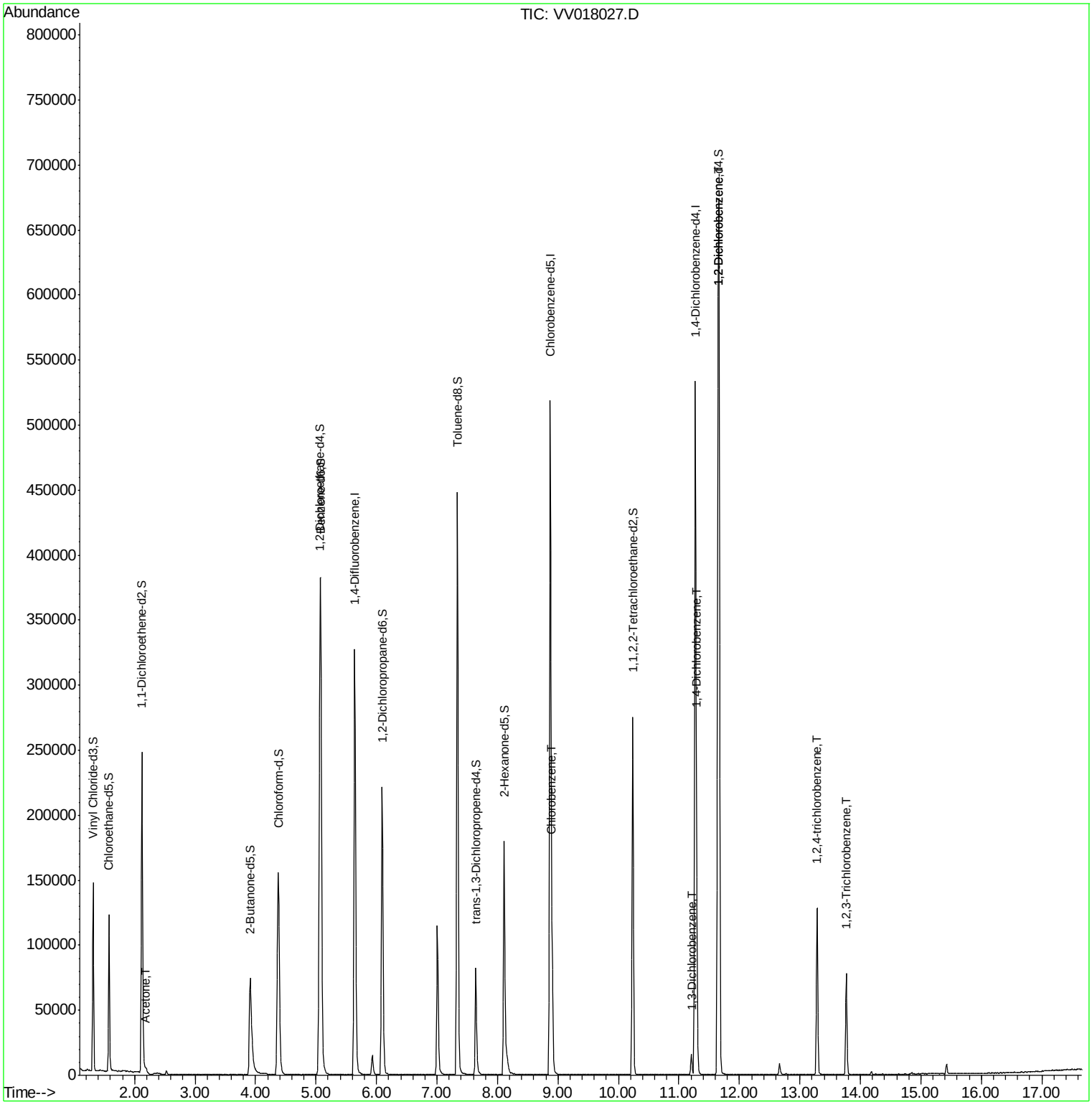
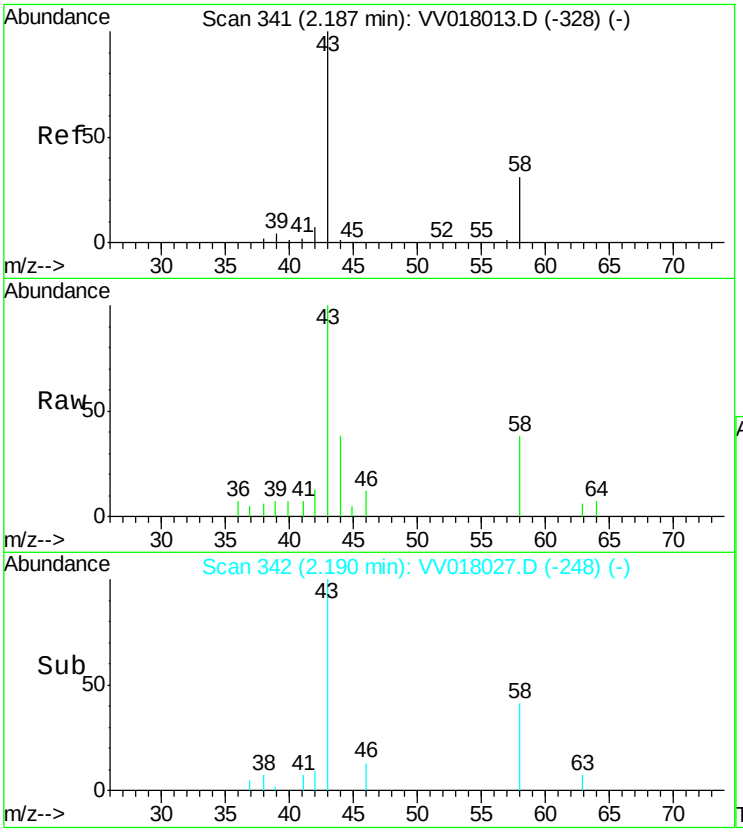


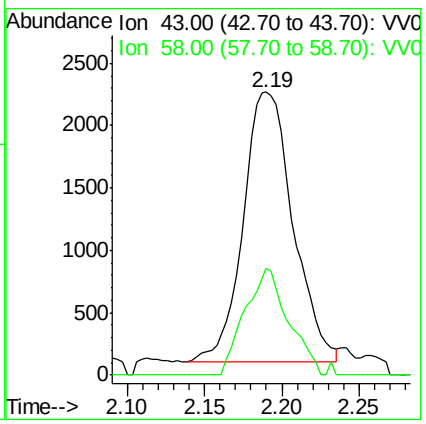


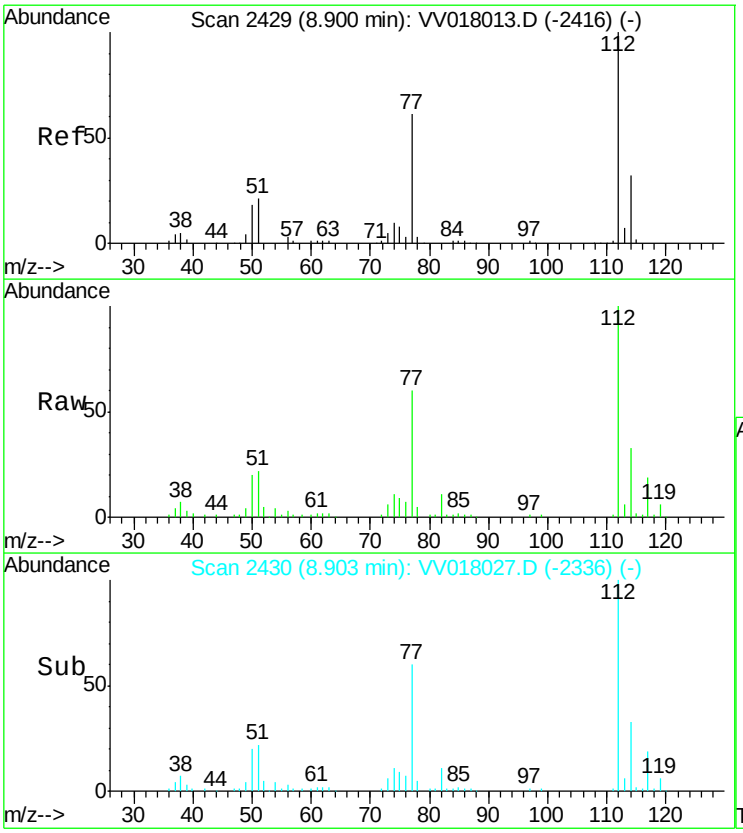
#13
Acetone
Concen: 3.511 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV018027.D
Acq: 17 Aug 2020 15:35

Instrument :
MSVOA_V
ClientSampleId :
C0F89DL

Tgt Ion: 43 Resp: 4873

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	63.6

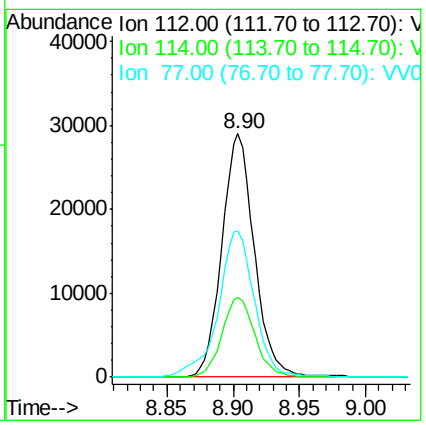


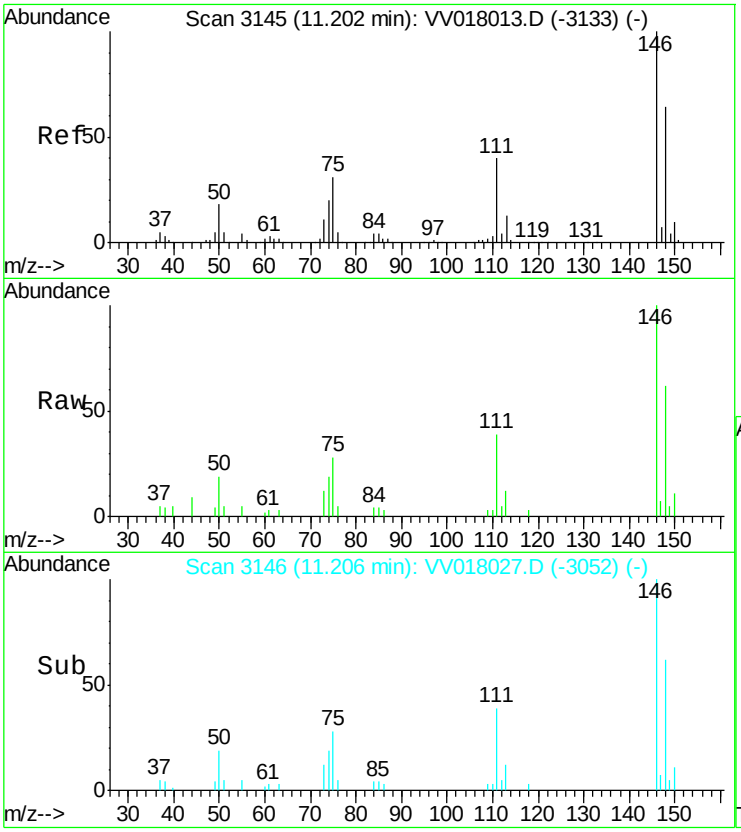


#51
Chlorobenzene
Concen: 8.864 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018027.D
Acq: 17 Aug 2020 15:35

Tgt Ion:112 Resp: 49335

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.3
77	60.3	49.4	74.2



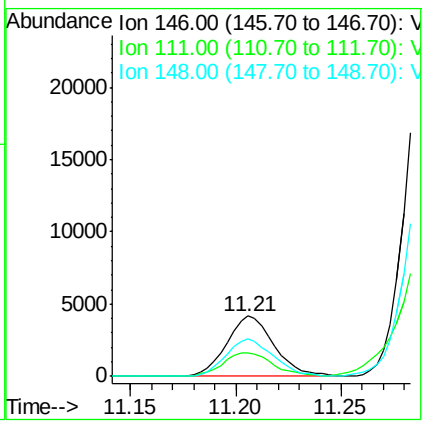


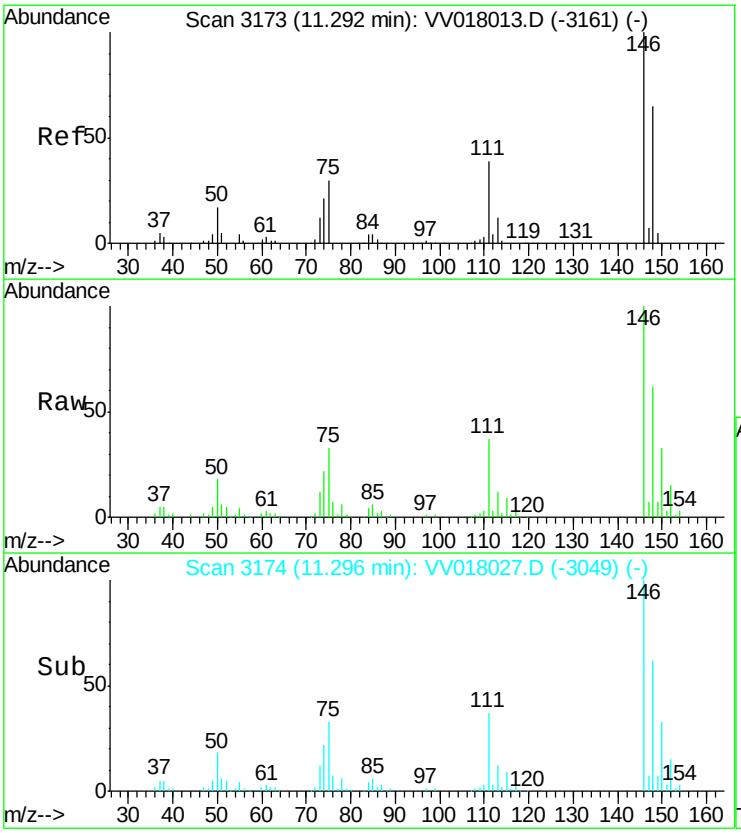
#62
1,3-Dichlorobenzene
Concen: 1.552 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV018027.D
Acq: 17 Aug 2020 15:35

Instrument :
MSVOA_V
ClientSampleId :
C0F89DL

Tgt Ion:146 Resp: 6499

Ion	Ratio	Lower	Upper
146	100		
111	38.8	28.8	53.4
148	62.0	44.9	83.5

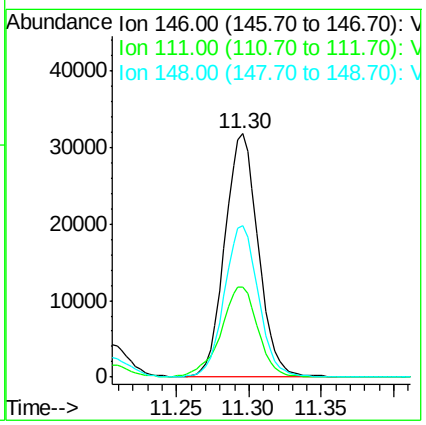


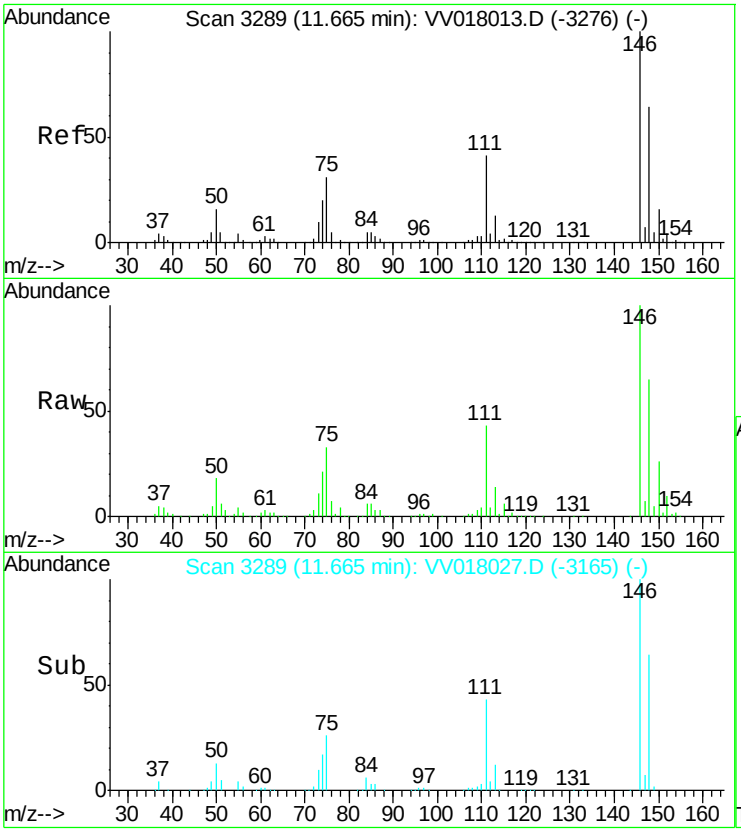


#63
1,4-Dichlorobenzene
Concen: 11.856 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV018027.D
Acq: 17 Aug 2020 15:35

Tgt Ion:146 Resp: 51000

Ion	Ratio	Lower	Upper
146	100		
111	37.1	28.0	52.0
148	62.0	44.2	82.2



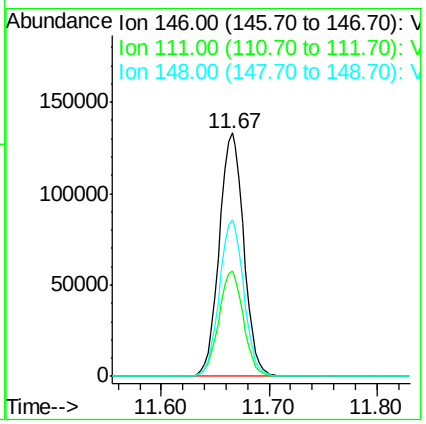


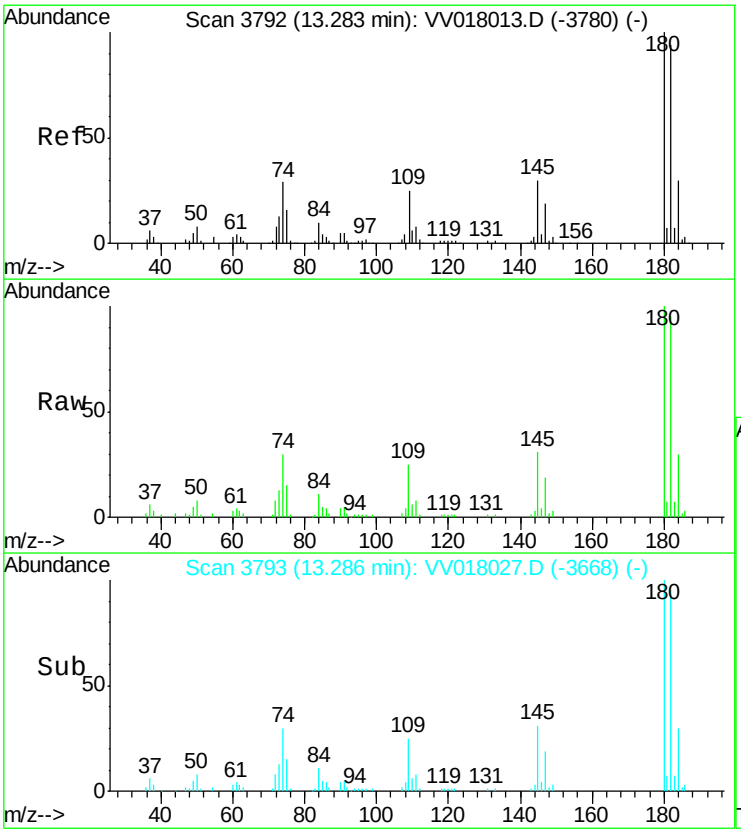
#65
1,2-Dichlorobenzene
Concen: 48.691 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV018027.D
Acq: 17 Aug 2020 15:35

Instrument : MSVOA_V
ClientSampleId : C0F89DL

Tgt Ion:146 Resp: 209858

Ion	Ratio	Lower	Upper
146	100		
111	43.4	34.2	51.4
148	64.5	50.6	76.0

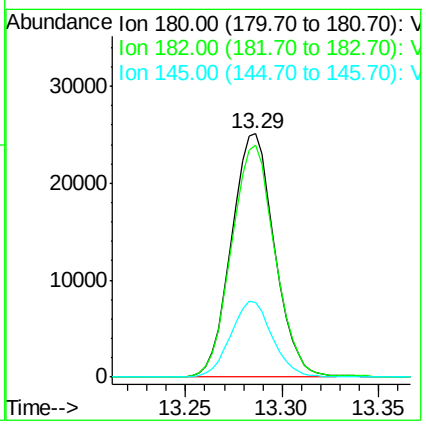


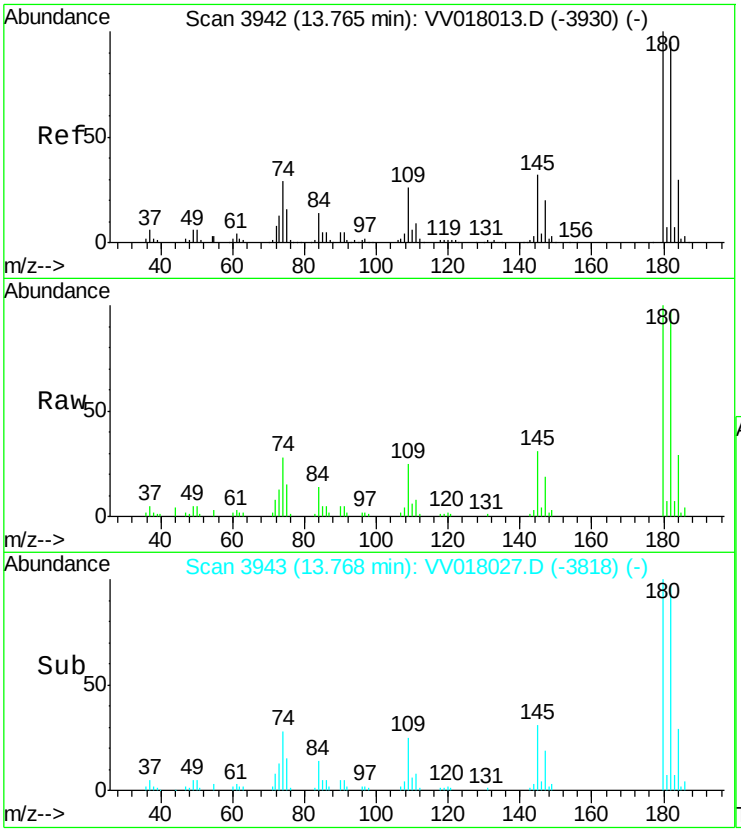


#68
1,2,4-trichlorobenzene
Concen: 13.921 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV018027.D
Acq: 17 Aug 2020 15:35

Tgt Ion:180 Resp: 38932

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.4	114.6
145	30.1	24.0	36.0





#70
1,2,3-Trichlorobenzene
Concen: 8.295 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VV018027.D
Acq: 17 Aug 2020 15:35

Instrument :
MSVOA_V
ClientSampleId :
C0F89DL

Tgt Ion:180 Resp: 23592

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.5	114.7
145	31.3	26.0	39.0