Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032420\
Data File : VV015118.D
Acq On : 24 Mar 2020 12:59
Operator : SY/MD
Sample : L1941-19DL 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0DL9DL

Quant Time: Mar 25 02:33:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 25 01:10:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	778732	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	743500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	357743	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	276597	38.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.90%			
7) Chloroethane-d5	1.58	69	247779	40.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.40%			
11) 1,1-Dichloroethene-d2	2.12	63	406817	33.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.76%			
21) 2-Butanone-d5	3.94	46	394309	84.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.13%			
24) Chloroform-d	4.38	84	448661	41.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.52%			
26) 1,2-Dichloroethane-d4	5.06	65	295981	42.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.50%			
32) Benzene-d6	5.08	84	941059	41.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.58%			
36) 1,2-Dichloropropane-d6	6.09	67	297281	40.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.68%			
41) Toluene-d8	7.34	98	905344	43.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.72%			
43) trans-1,3-Dichloropropene-	7.64	79	160709	41.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.58%			
47) 2-Hexanone-d5	8.11	63	308490	83.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.31%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	422643	40.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.80%			
64) 1,2-Dichlorobenzene-d4	11.65	152	339561	42.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.02%			
Target Compounds						Qvalue
25) Chloroform	4.40	83	26426	2.593	ug/L	96
33) Benzene	5.13	78	1067925	47.303	ug/L	100
51) Chlorobenzene	8.90	112	2850684	184.750	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	102487	8.618	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	916748	76.259	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1117200	90.146	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	169674	21.926	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	50347	6.315	ug/L	99

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

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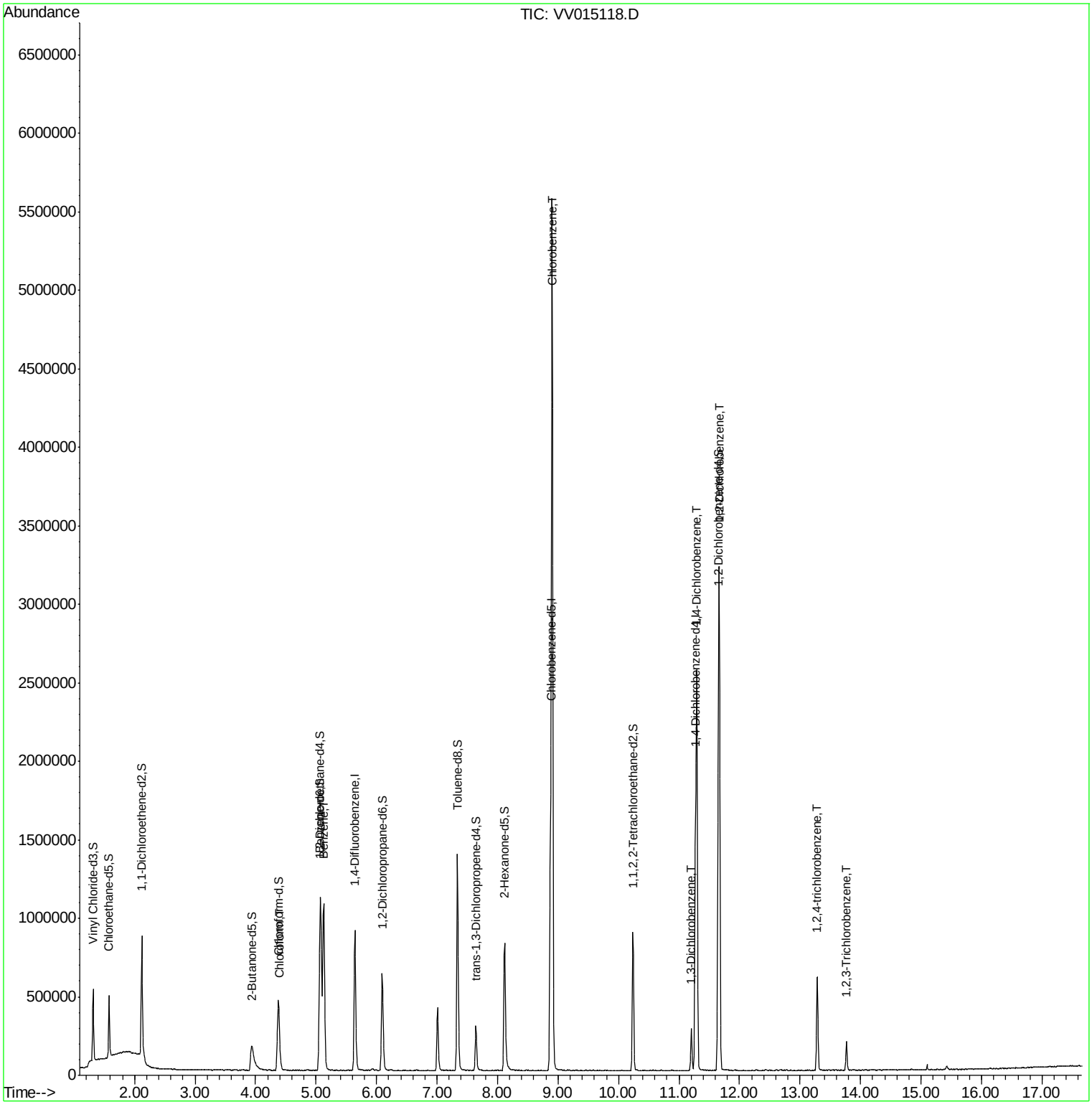
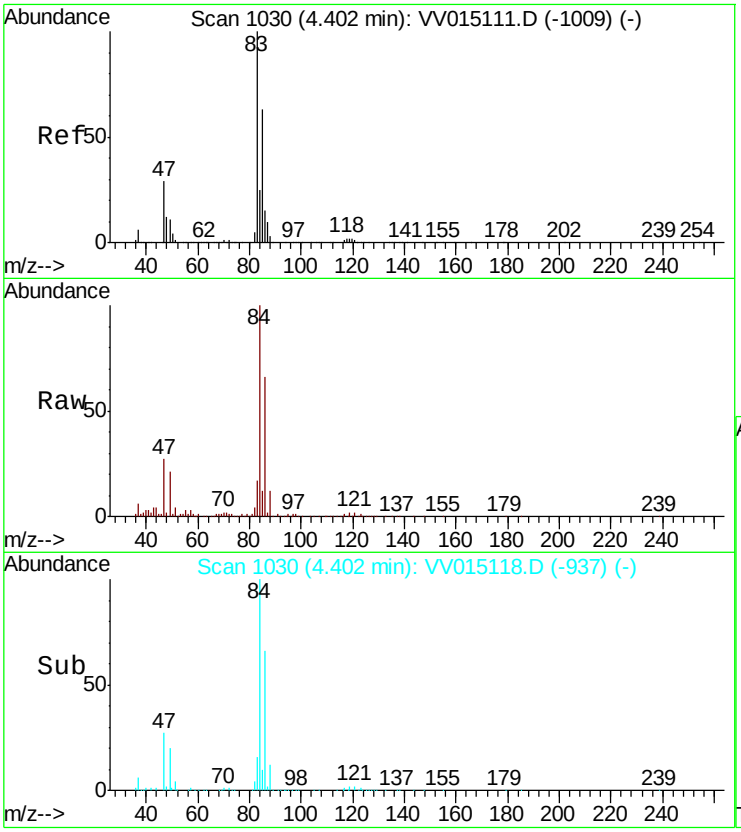


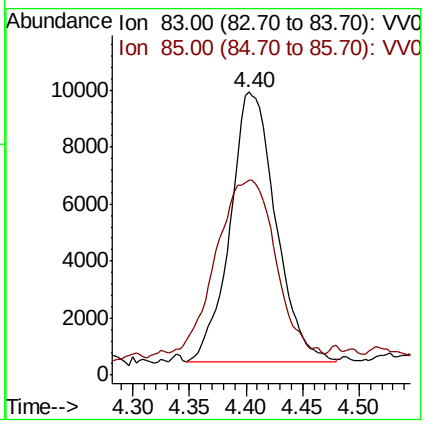


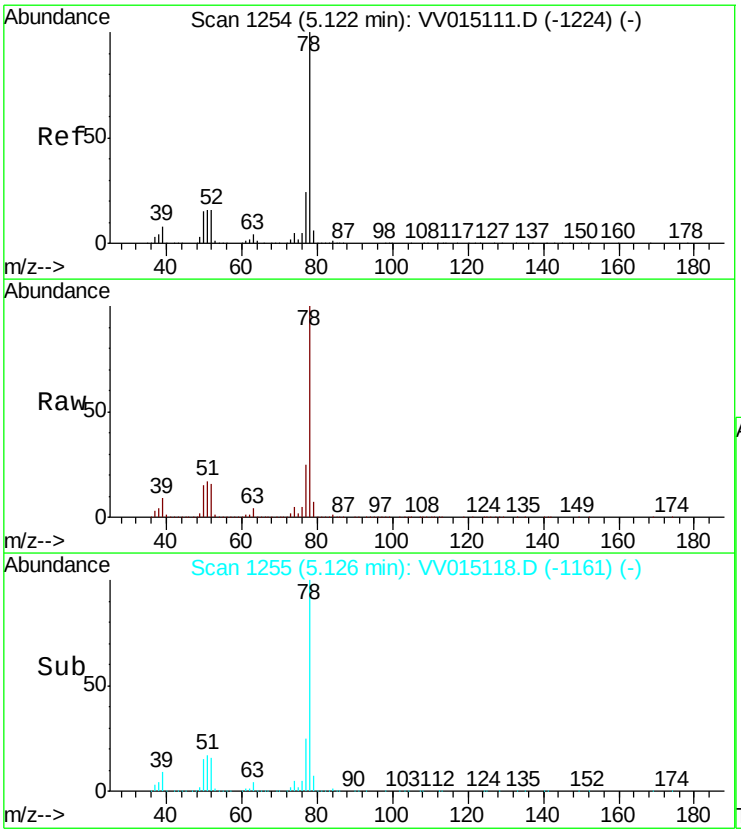
#25
Chloroform
Concen: 2.593 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015118.D
Acq: 24 Mar 2020 12:59

Instrument : MSVOA_V
ClientSampleId : C0DL9DL

Tgt Ion: 83 Resp: 26426

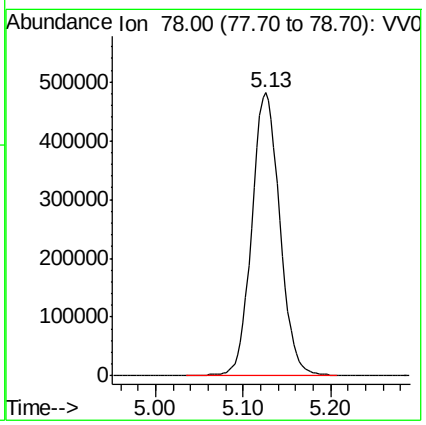
Ion	Ratio	Lower	Upper
83	100		
85	68.7	45.8	85.0

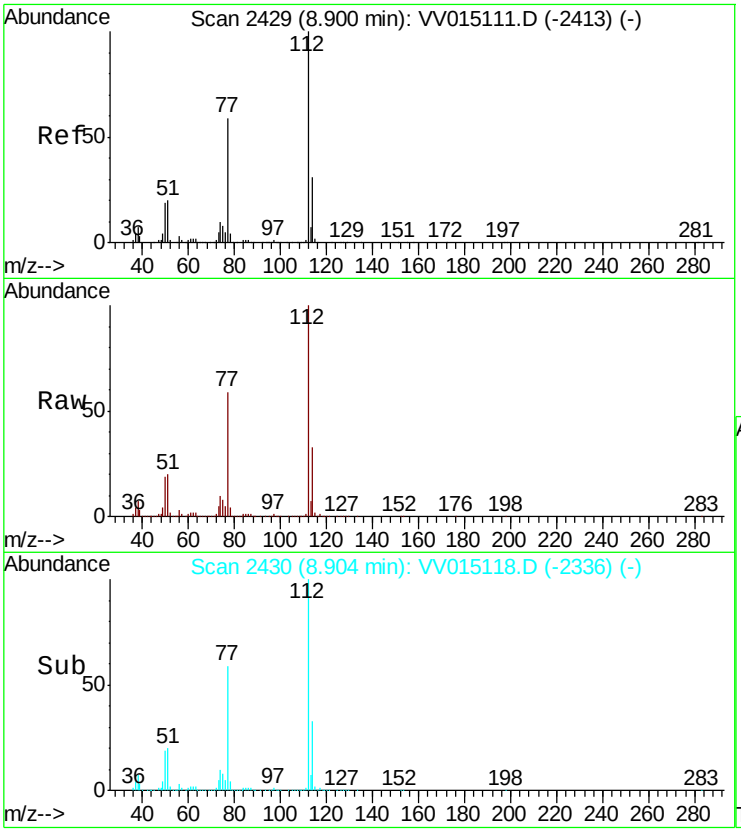




#33
Benzene
Concen: 47.303 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015118.D
Acq: 24 Mar 2020 12:59

Tgt Ion: 78 Resp: 1067925



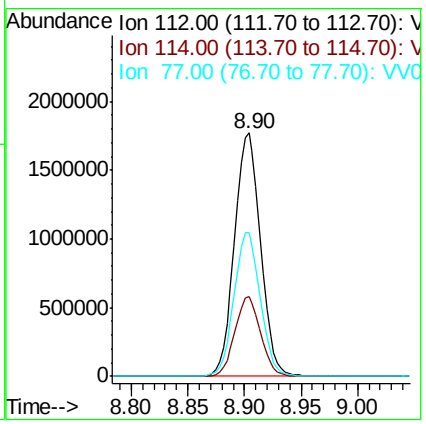


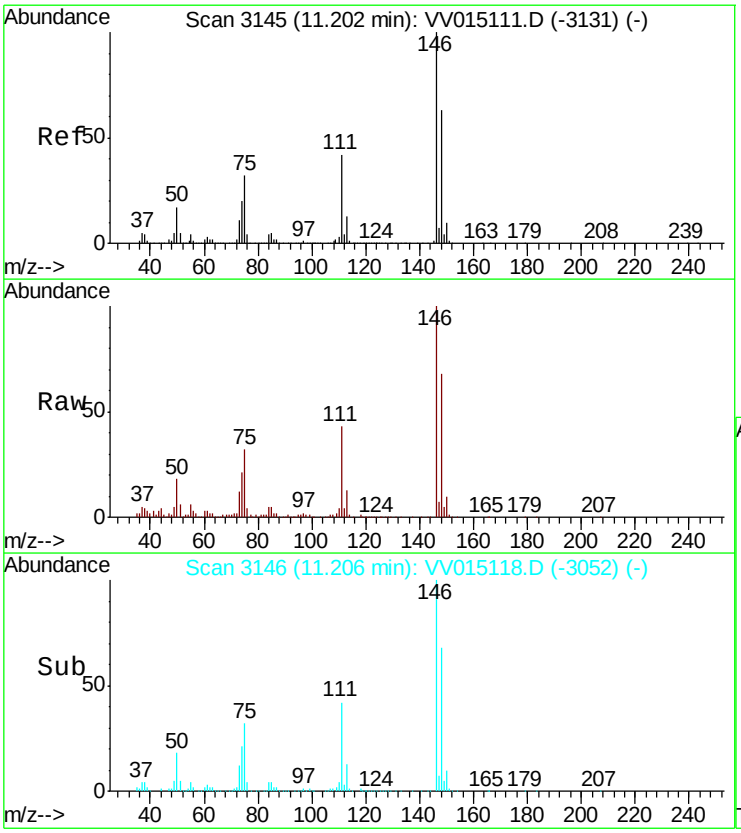
#51
Chlorobenzene
Concen: 184.750 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015118.D
Acq: 24 Mar 2020 12:59

Instrument : MSVOA_V
ClientSampleId : C0DL9DL

Tgt Ion:112 Resp: 2850684

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.3
77	59.3	48.1	72.1

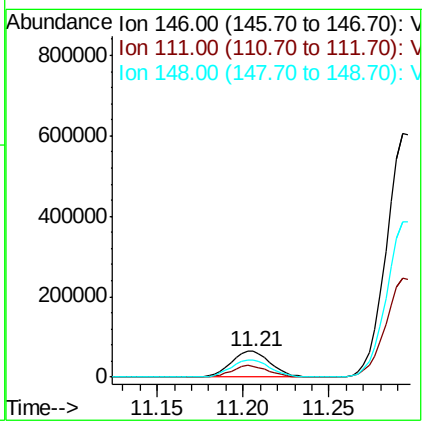


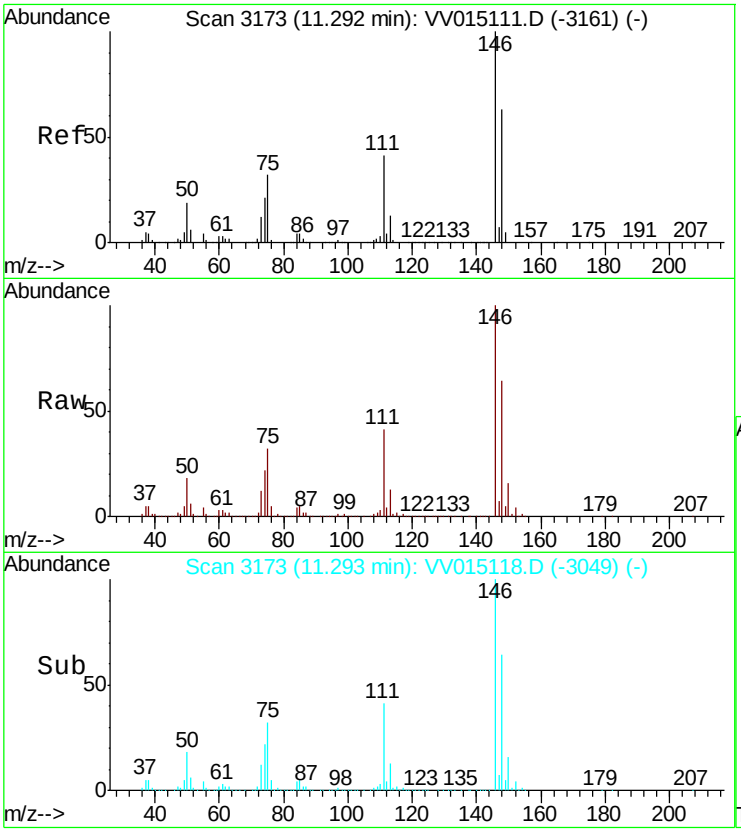


#62
1,3-Dichlorobenzene
Concen: 8.618 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV015118.D
Acq: 24 Mar 2020 12:59

Tgt Ion:146 Resp: 102487

Ion	Ratio	Lower	Upper
146	100		
111	42.6	29.7	55.1
148	67.9	45.3	84.1



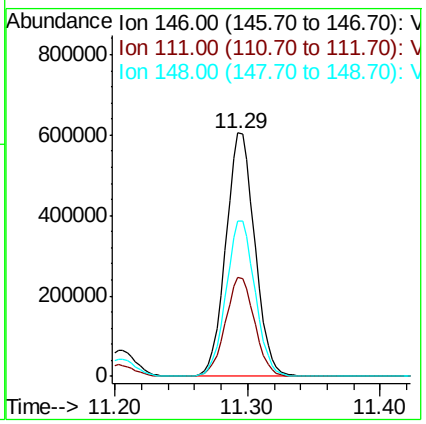


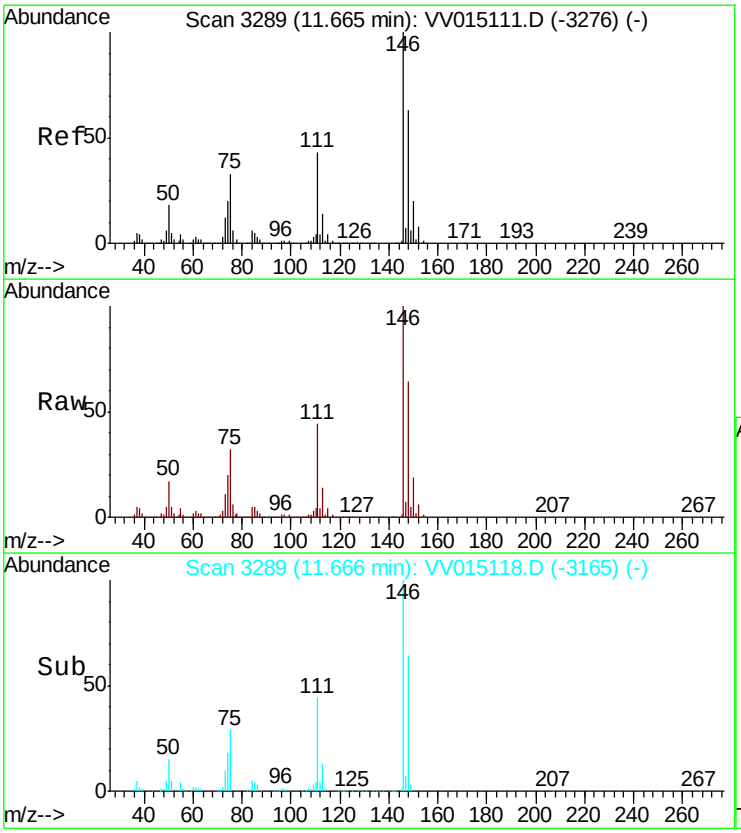
#63
1,4-Dichlorobenzene
Concen: 76.259 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV015118.D
Acq: 24 Mar 2020 12:59

Instrument :
MSVOA_V
ClientSampleId :
C0DL9DL

Tgt Ion:146 Resp: 916748

Ion	Ratio	Lower	Upper
146	100		
111	40.8	28.2	52.4
148	63.9	44.9	83.5

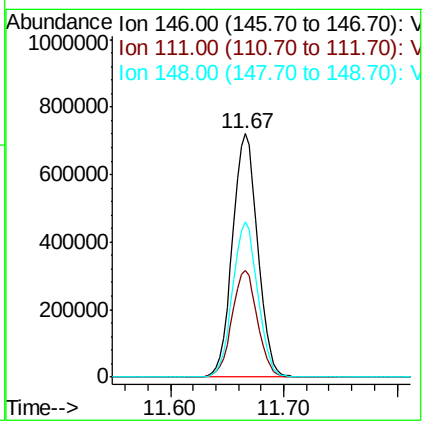


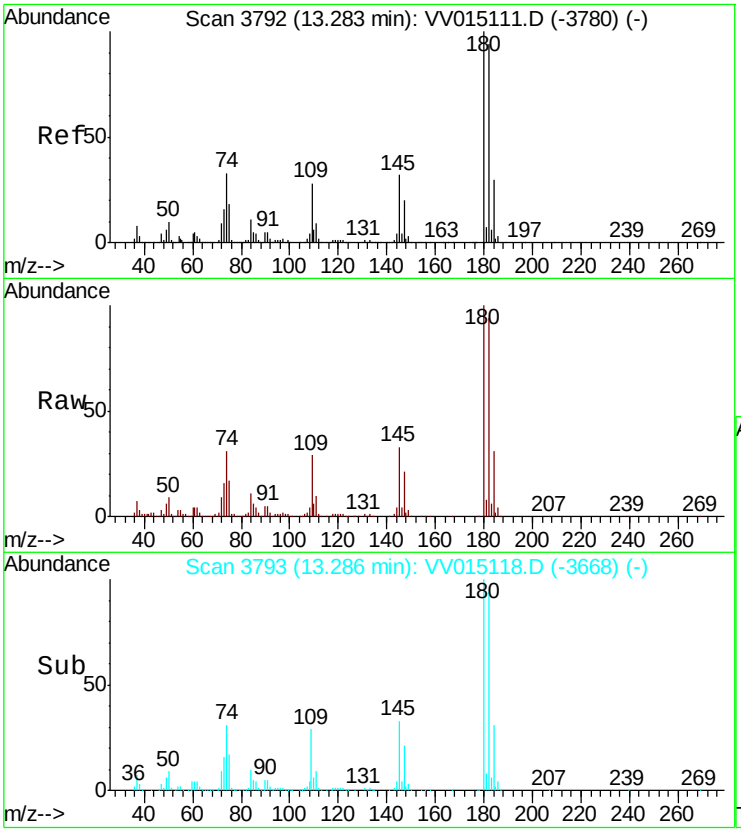


#65
1,2-Dichlorobenzene
Concen: 90.146 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV015118.D
Acq: 24 Mar 2020 12:59

Tgt Ion:146 Resp: 1117200

Ion	Ratio	Lower	Upper
146	100		
111	43.9	35.2	52.8
148	63.7	50.6	75.8



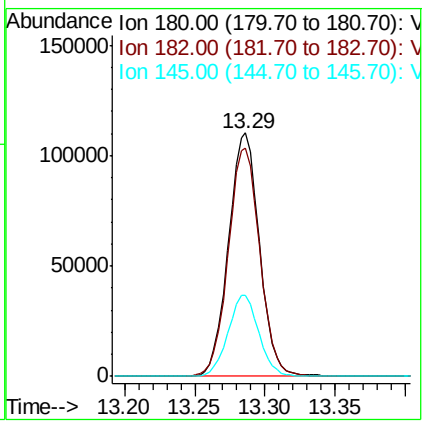


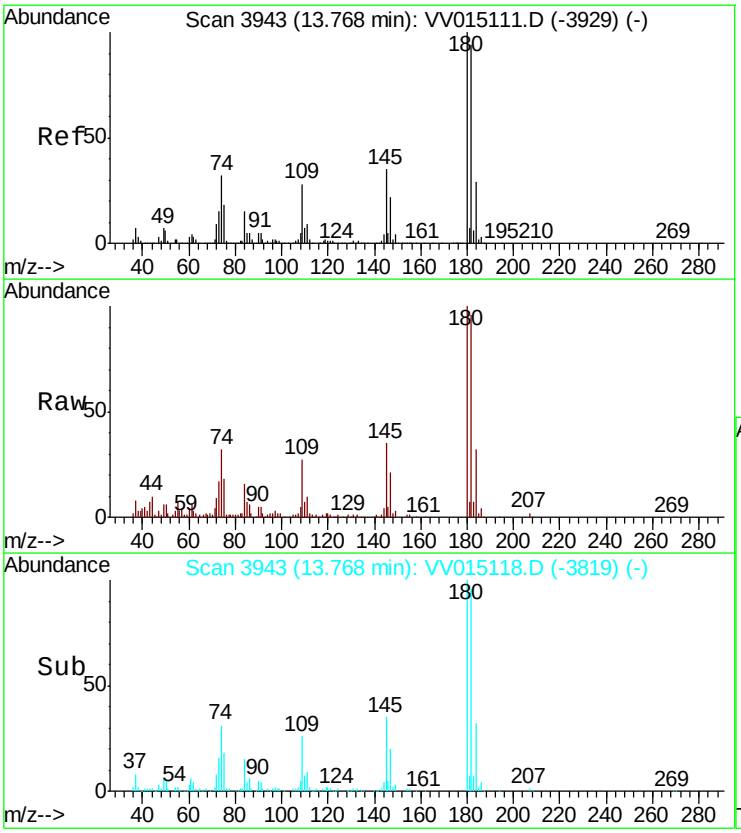
#68
1,2,4-trichlorobenzene
Concen: 21.926 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV015118.D
Acq: 24 Mar 2020 12:59

Instrument :
MSVOA_V
ClientSampleId :
C0DL9DL

Tgt Ion:180 Resp: 169674

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.5	113.3
145	33.2	26.4	39.6





#70
1,2,3-Trichlorobenzene
Concen: 6.315 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VV015118.D
Acq: 24 Mar 2020 12:59

Tgt Ion:180 Resp: 50347

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.6	115.0
145	35.1	27.8	41.6