Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031820\
Data File : VV015028.D
Acq On : 18 Mar 2020 21:12
Operator : SY/MD
Sample : L1941-05DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0DB5DL

Quant Time: Mar 19 05:14:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	334666	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164733	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	84517	54.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.10%			
7) Chloroethane-d5	1.58	69	66899	54.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.12%			
11) 1,1-Dichloroethene-d2	2.12	63	104791	39.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.42%			
21) 2-Butanone-d5	3.93	46	116003	109.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.43%			
24) Chloroform-d	4.38	84	200698	50.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.26%			
26) 1,2-Dichloroethane-d4	5.06	65	132148	52.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.88%			
32) Benzene-d6	5.08	84	415743	53.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.84%			
36) 1,2-Dichloropropane-d6	6.10	67	120722	53.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.04%			
41) Toluene-d8	7.34	98	405571	51.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.54%			
43) trans-1,3-Dichloropropene-	7.64	79	59687	49.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.08%			
47) 2-Hexanone-d5	8.12	63	111140	105.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.92%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171535	50.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.12%			
64) 1,2-Dichlorobenzene-d4	11.65	152	175073	52.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.88%			
Target Compounds						Qvalue
33) Benzene	5.13	78	6392	0.796	ug/L	100
51) Chlorobenzene	8.90	112	24047	3.769	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	22166	4.470	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	330427	64.019	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	94030	17.854	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	23668	6.551	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	4775	1.345	ug/L	96

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

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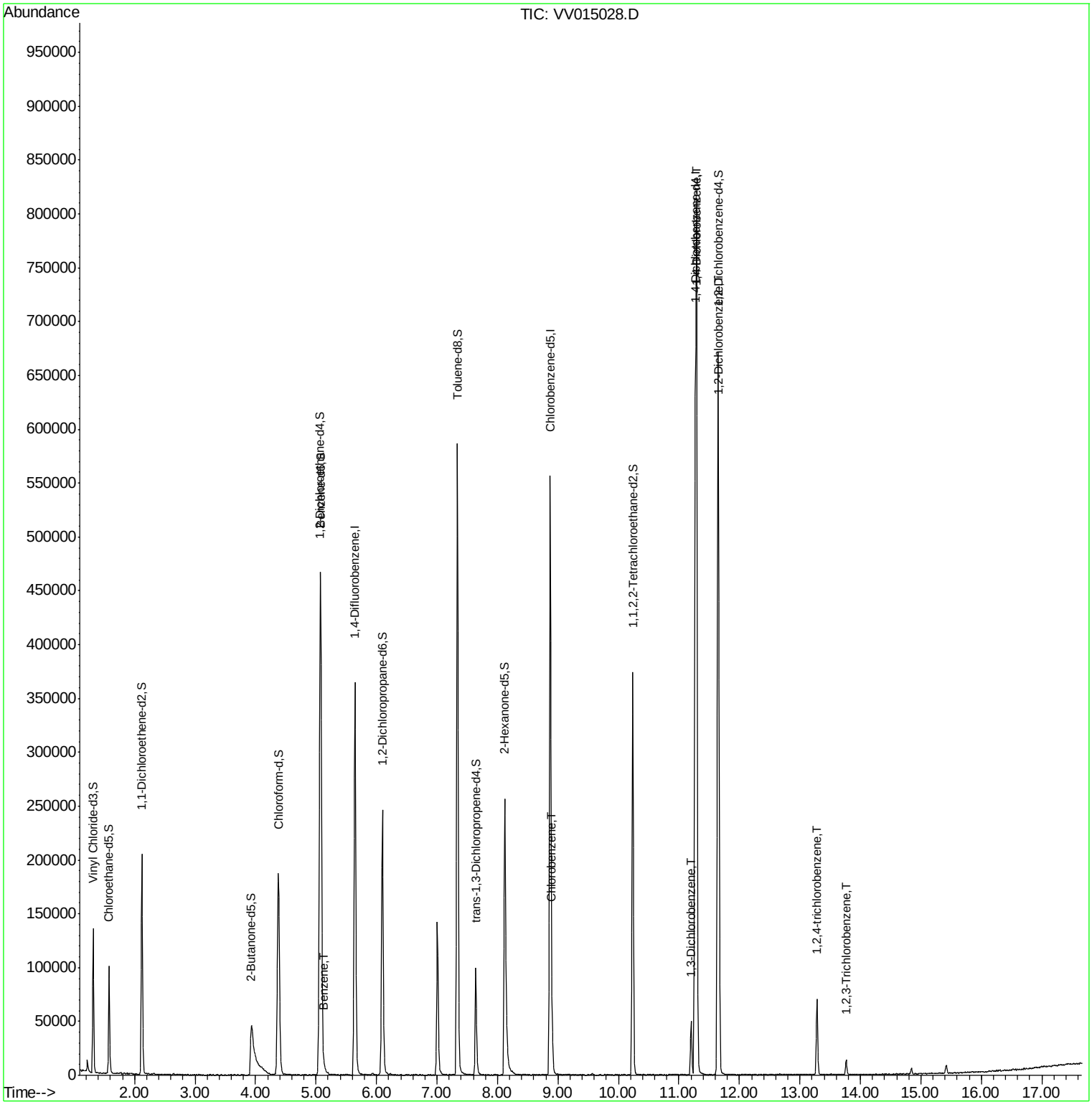
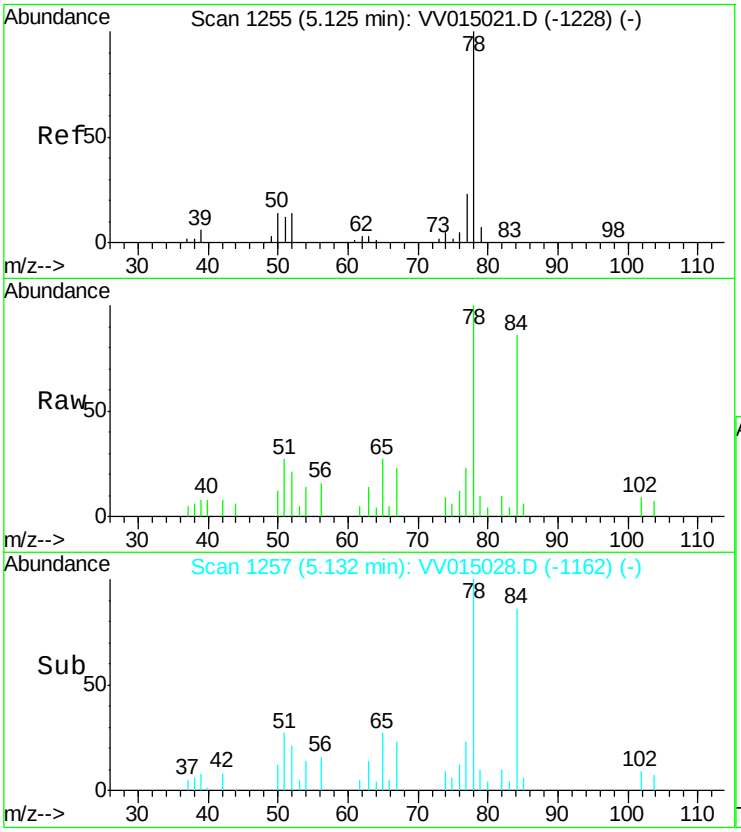
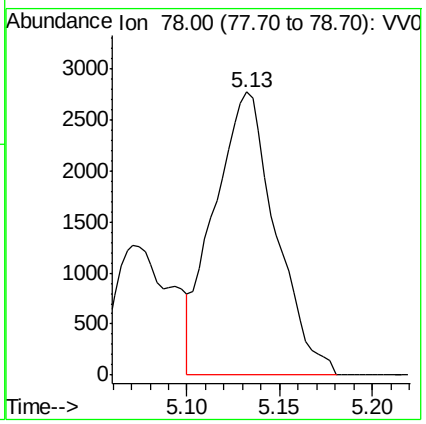


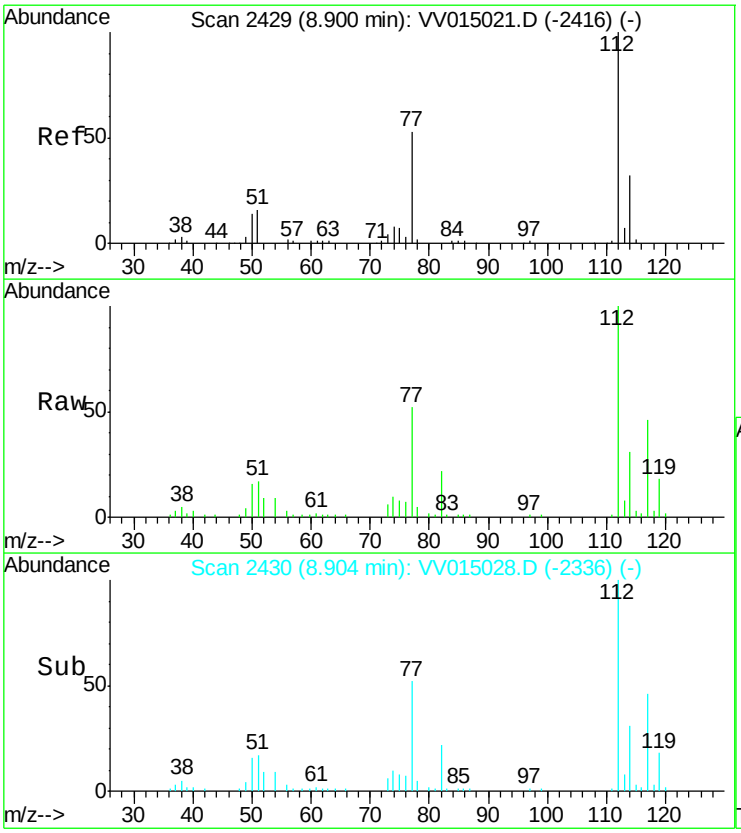


#33
Benzene
Concen: 0.796 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV015028.D
Acq: 18 Mar 2020 21:12

Instrument :
MSVOA_V
ClientSampleId :
C0DB5DL

Tgt Ion: 78 Resp: 6392

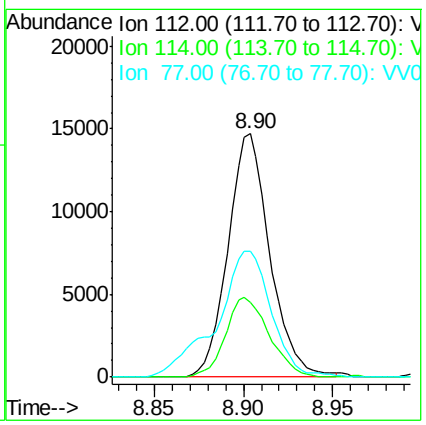


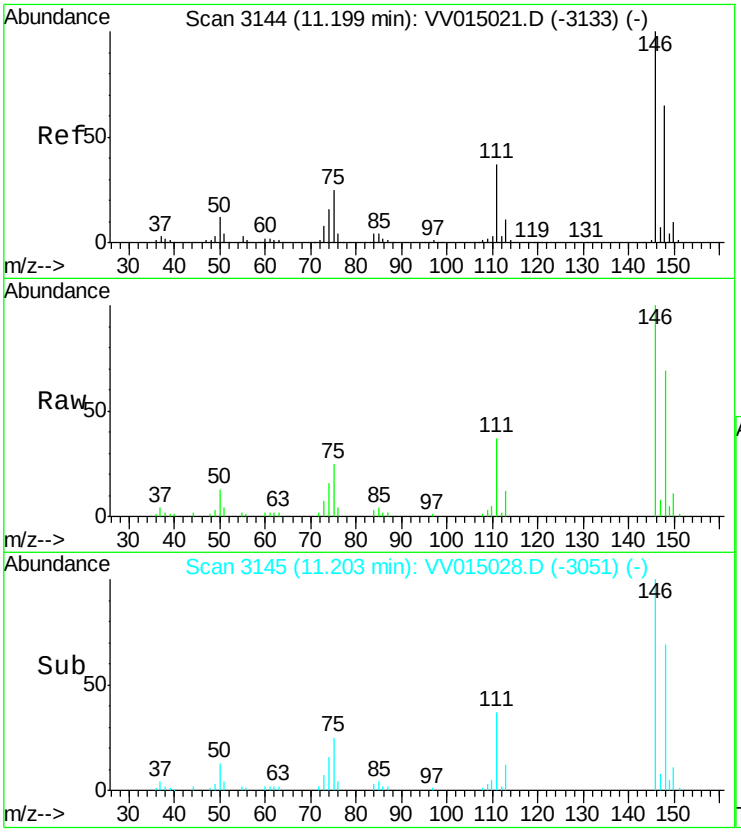


#51
Chlorobenzene
Concen: 3.769 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015028.D
Acq: 18 Mar 2020 21:12

Tgt Ion:112 Resp: 24047

Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.4	41.6
77	51.7	42.9	64.3



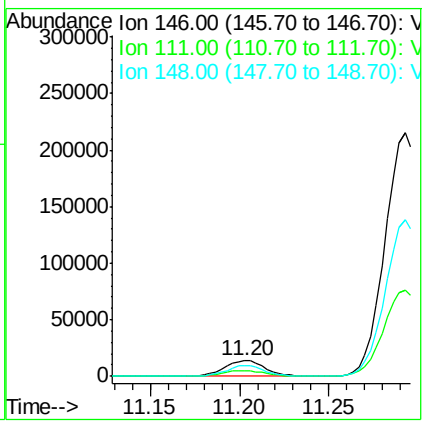


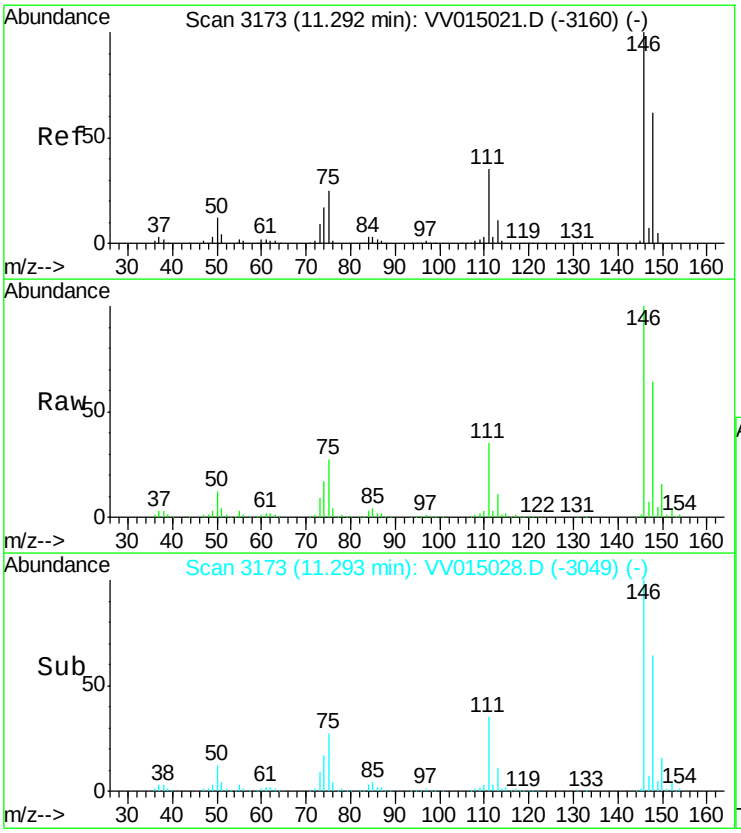
#62
1,3-Dichlorobenzene
Concen: 4.470 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV015028.D
Acq: 18 Mar 2020 21:12

Instrument : MSVOA_V
ClientSampleId : C0DB5DL

Tgt Ion:146 Resp: 22166

Ion	Ratio	Lower	Upper
146	100		
111	37.3	25.7	47.7
148	69.1	45.4	84.4

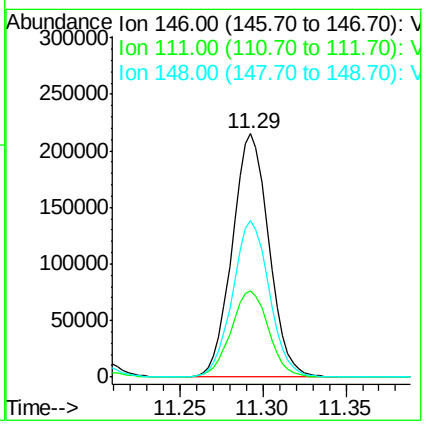


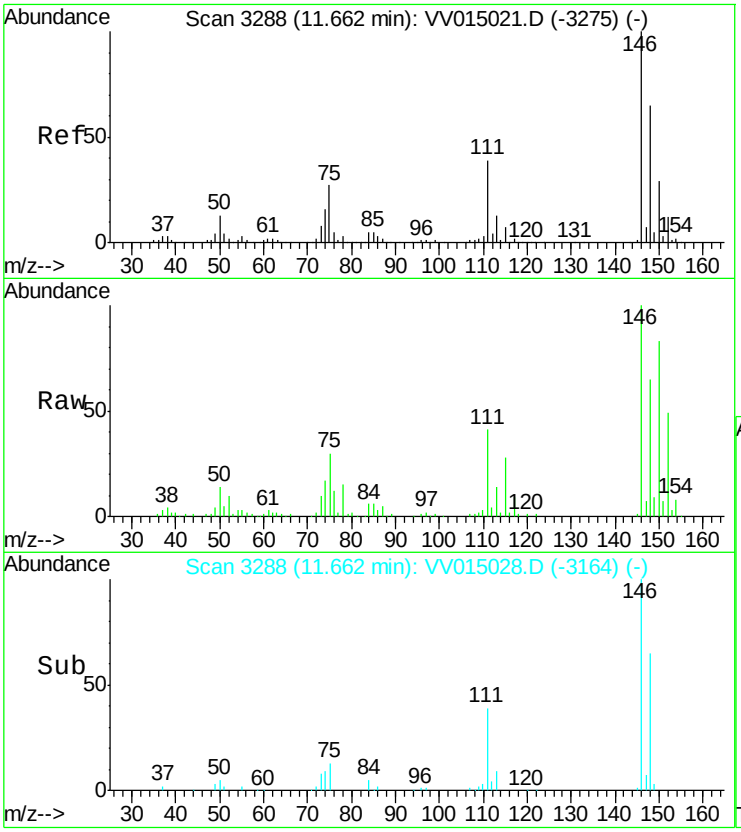


#63
1,4-Dichlorobenzene
Concen: 64.019 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV015028.D
Acq: 18 Mar 2020 21:12

Tgt Ion:146 Resp: 330427

Ion	Ratio	Lower	Upper
146	100		
111	35.5	25.8	48.0
148	64.3	45.7	84.9



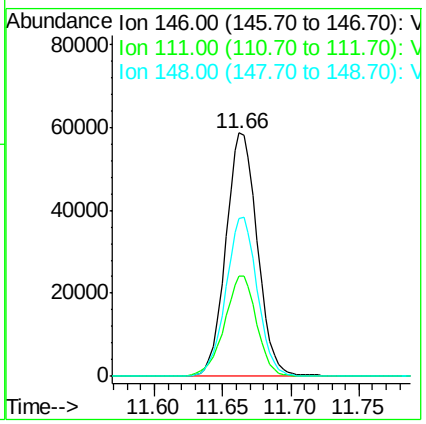


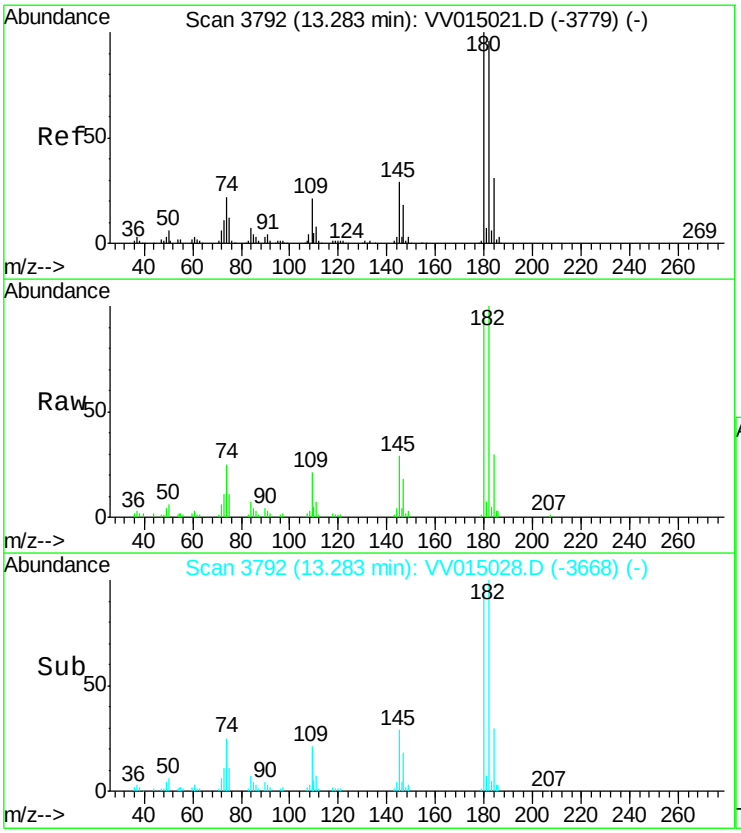
#65
1,2-Dichlorobenzene
Concen: 17.854 ug/L
RT: 11.66 min Scan# 3288
Delta R.T. 0.00 min
Lab File: VV015028.D
Acq: 18 Mar 2020 21:12

Instrument :
MSVOA_V
ClientSampleId :
C0DB5DL

Tgt Ion:146 Resp: 94030

Ion	Ratio	Lower	Upper
146	100		
111	41.1	31.5	47.3
148	65.0	51.7	77.5

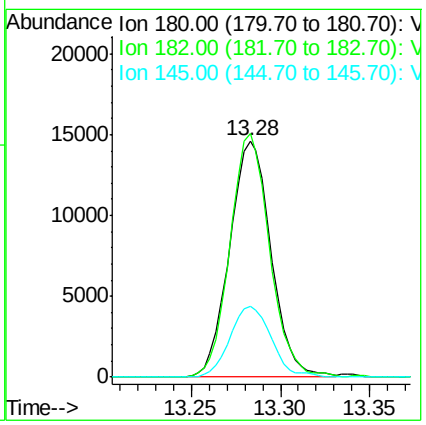


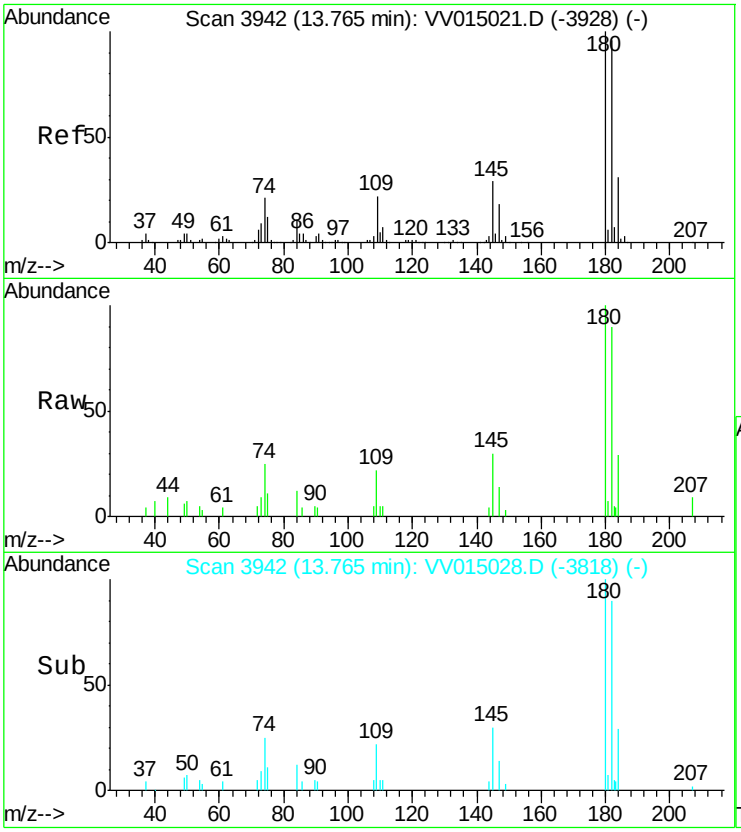


#68
1,2,4-trichlorobenzene
Concen: 6.551 ug/L
RT: 13.28 min Scan# 3792
Delta R.T. 0.00 min
Lab File: VV015028.D
Acq: 18 Mar 2020 21:12

Tgt Ion:180 Resp: 23668

Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.3	114.5
145	29.8	22.2	33.4





#70
1,2,3-Trichlorobenzene
Concen: 1.345 ug/L
RT: 13.77 min Scan# 3942
Delta R.T. 0.00 min
Lab File: VV015028.D
Acq: 18 Mar 2020 21:12

Instrument :
MSVOA_V
ClientSampleId :
C0DB5DL

Tgt Ion:180 Resp: 4775

Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.5	113.3
145	30.7	23.5	35.3