Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015233.D
Acq On : 28 Mar 2020 08:23
Operator : SY/MD
Sample : L1976-22
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTL2

Quant Time: Mar 30 01:45:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 28 05:21:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	615937	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	576229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	256137	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	133303	53.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.68%			
7) Chloroethane-d5	1.58	69	128845	48.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.12	63	203272	32.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.06%			
21) 2-Butanone-d5	3.94	46	201764	68.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 68.15%			
24) Chloroform-d	4.38	84	268683	41.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.44%			
26) 1,2-Dichloroethane-d4	5.06	65	181691	42.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.54%			
32) Benzene-d6	5.08	84	510784	50.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.68%			
36) 1,2-Dichloropropane-d6	6.09	67	171647	45.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.34%			
41) Toluene-d8	7.34	98	461728	51.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.28%			
43) trans-1,3-Dichloropropene-	7.64	79	83465	41.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.20%			
47) 2-Hexanone-d5	8.12	63	169398	77.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.23%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	254874	38.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 76.16%			
64) 1,2-Dichlorobenzene-d4	11.65	152	181422	41.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.04%			

Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	25677	4.685	ug/L #	78
25) Chloroform	4.41	83	9379	1.187	ug/L	86
34) Trichloroethene	5.94	95	4855	1.122	ug/L	91
51) Chlorobenzene	8.91	112	18025	1.550	ug/L	93
63) 1,4-Dichlorobenzene	11.30	146	15718	1.962	ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	11805	1.444	ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	4691	0.997	ug/L	98

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

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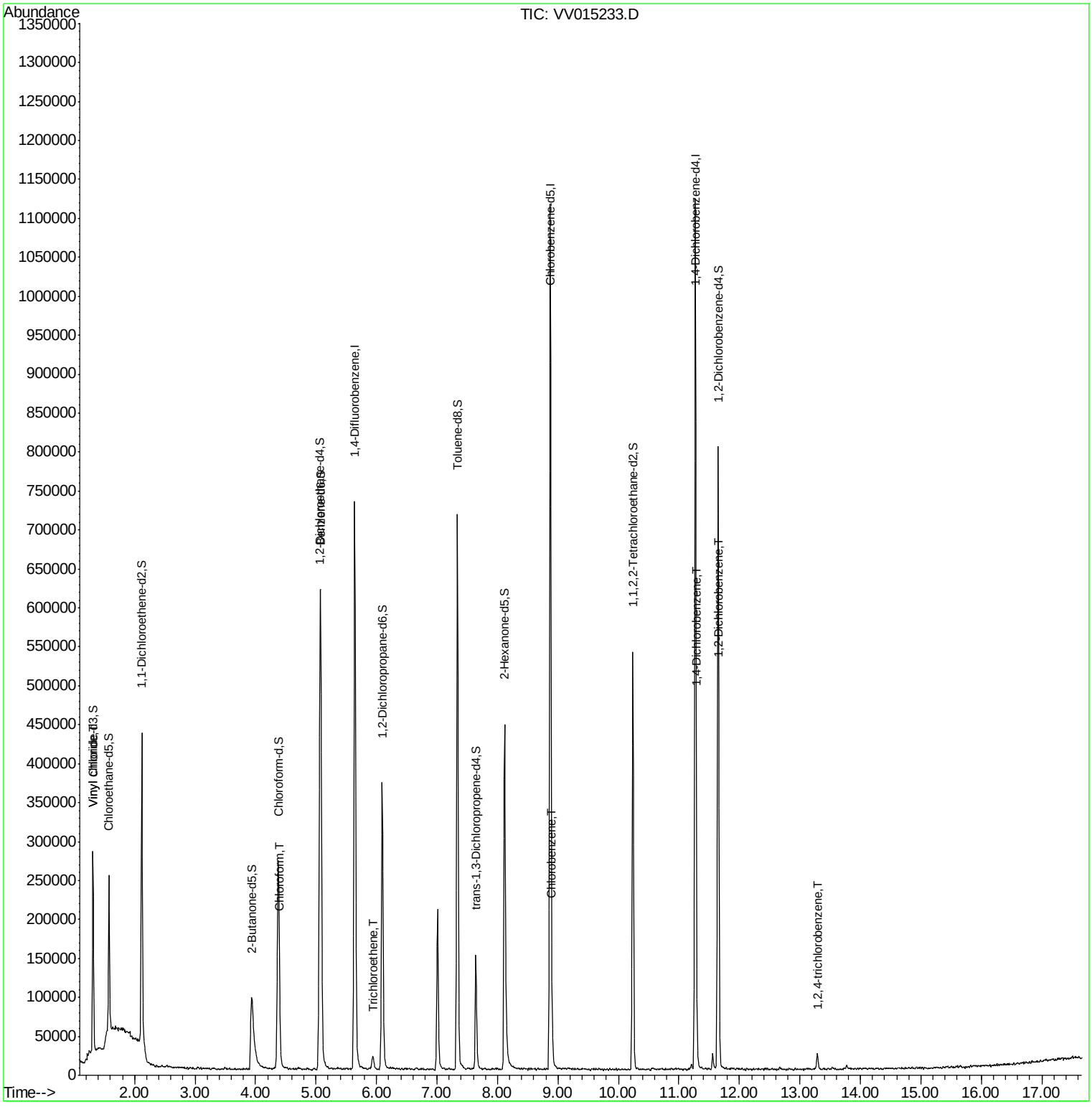
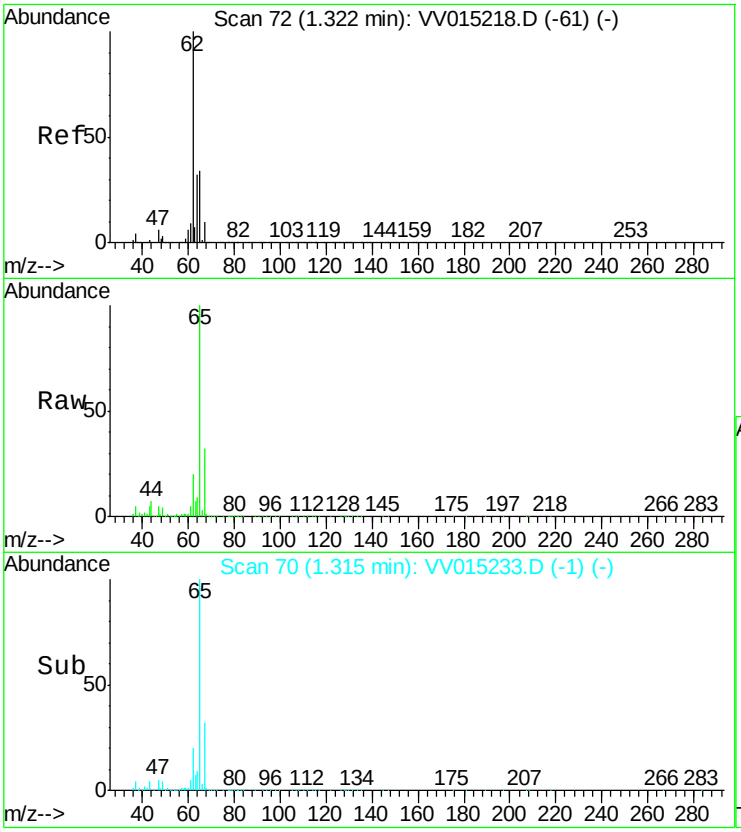


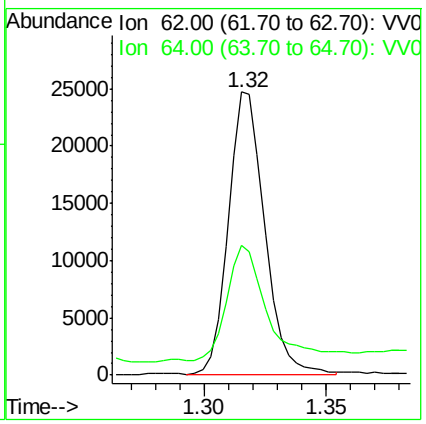


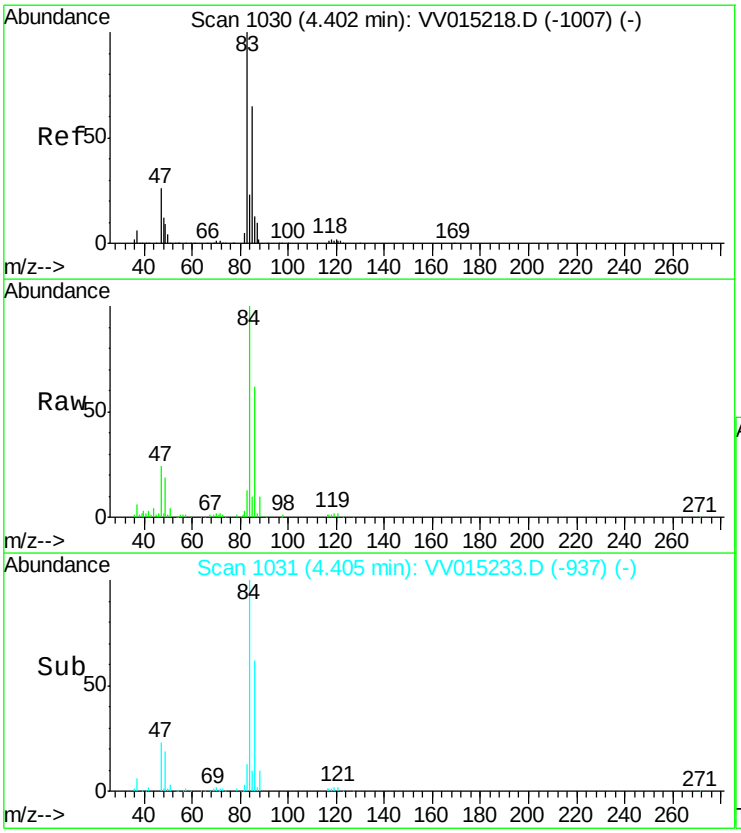
#5
Vinyl chloride
Concen: 4.685 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.01 min
Lab File: VV015233.D
Acq: 28 Mar 2020 08:23

Instrument :
MSVOA_V
ClientSampleId :
ETTL2

Tgt Ion: 62 Resp: 25677

Ion	Ratio	Lower	Upper
62	100		
64	45.9	23.5	43.7#

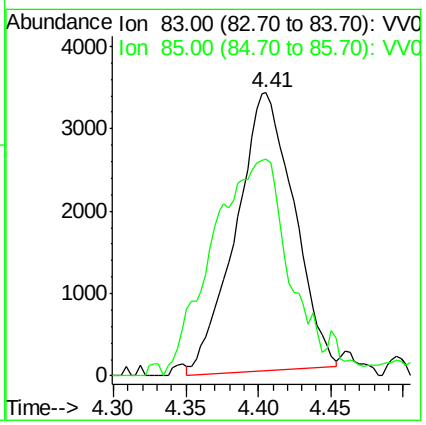


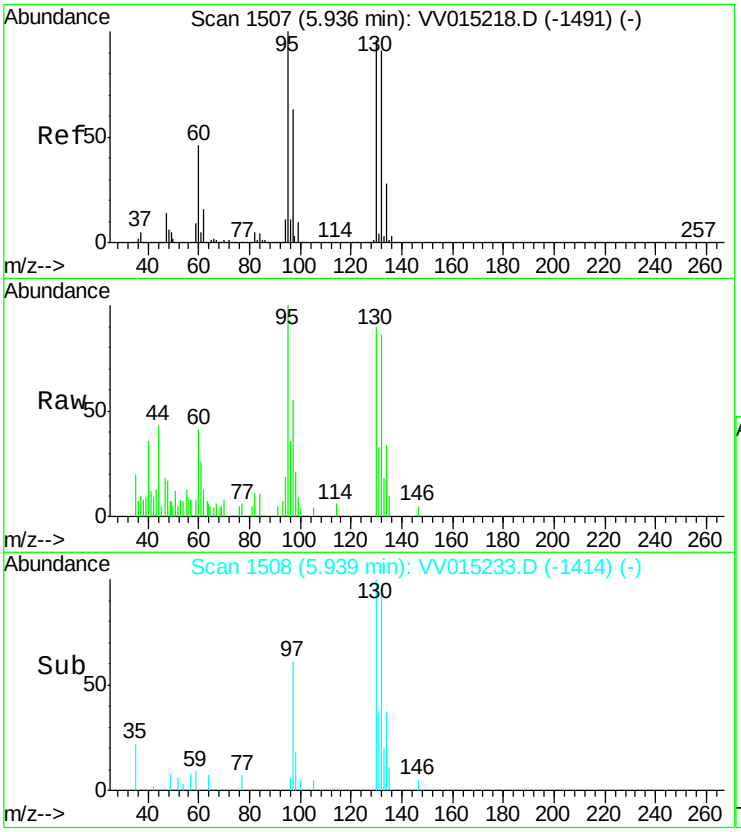


#25
Chloroform
Concen: 1.187 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015233.D
Acq: 28 Mar 2020 08:23

Tgt Ion: 83 Resp: 9379

Ion	Ratio	Lower	Upper
83	100		
85	76.7	46.2	85.8



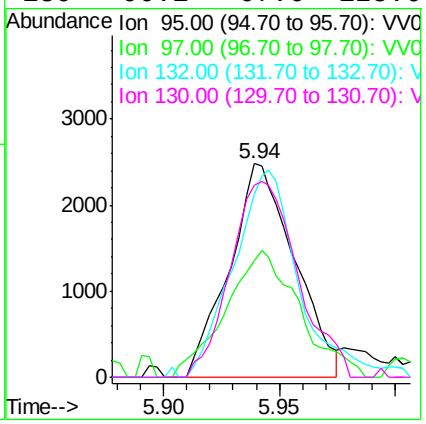


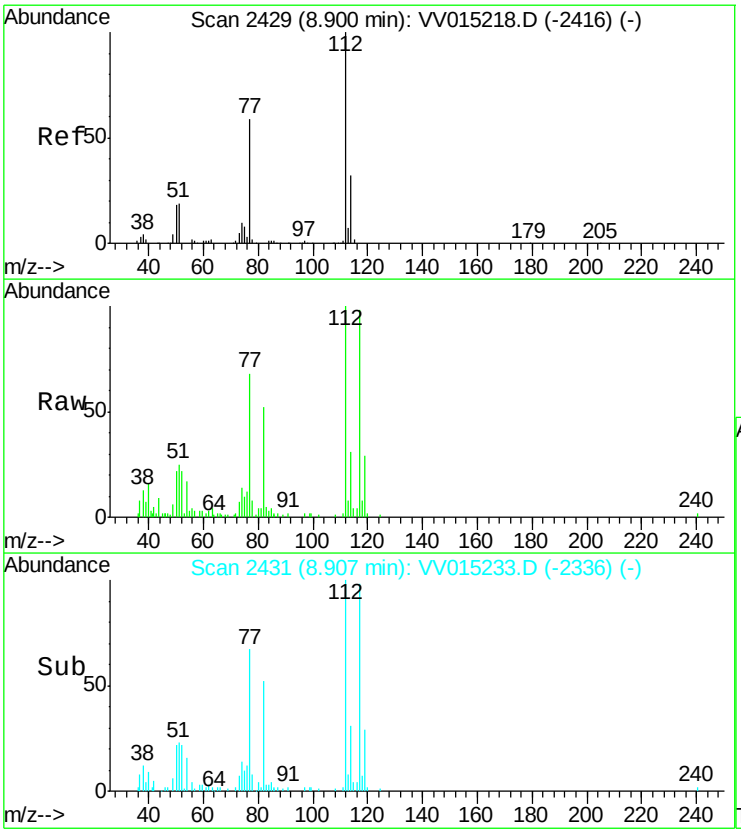
#34
Trichloroethene
Concen: 1.122 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015233.D
Acq: 28 Mar 2020 08:23

Instrument : MSVOA_V
ClientSampleId : ETTL2

Tgt Ion: 95 Resp: 4855

Ion	Ratio	Lower	Upper
95	100		
97	54.6	45.7	84.9
132	103.9	66.2	123.0
130	90.1	67.6	125.6

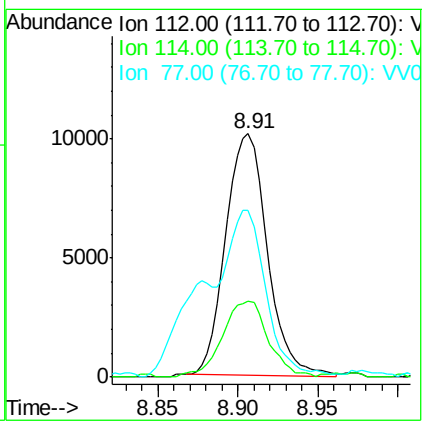


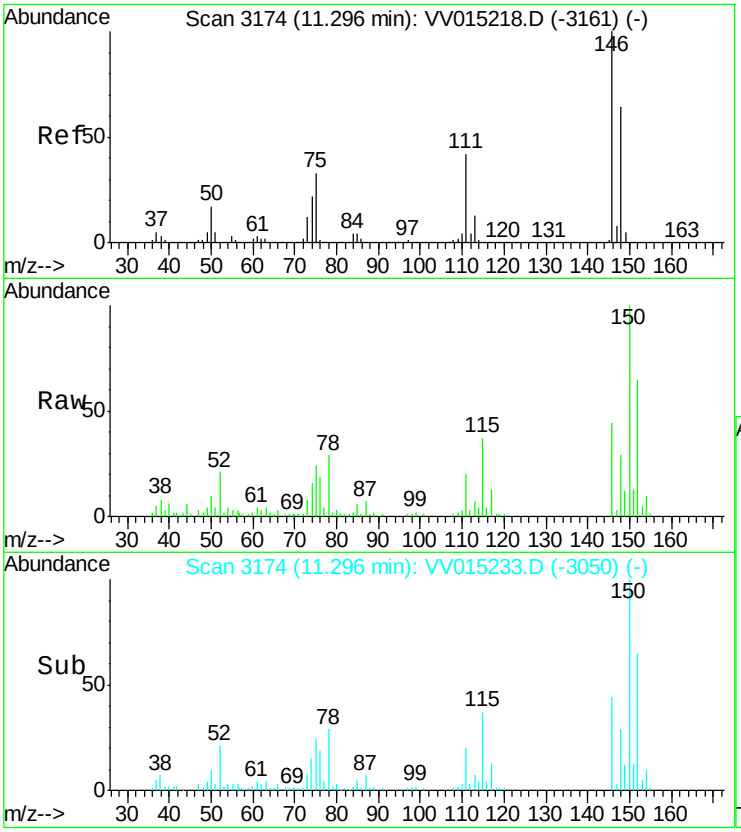


#51
Chlorobenzene
Concen: 1.550 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.01 min
Lab File: VV015233.D
Acq: 28 Mar 2020 08:23

Tgt Ion:112 Resp: 18025

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.3	41.5
77	68.3	48.2	72.2



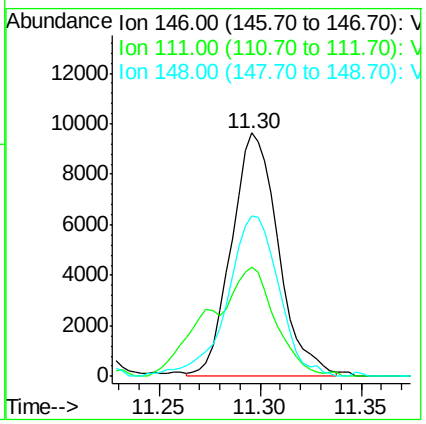


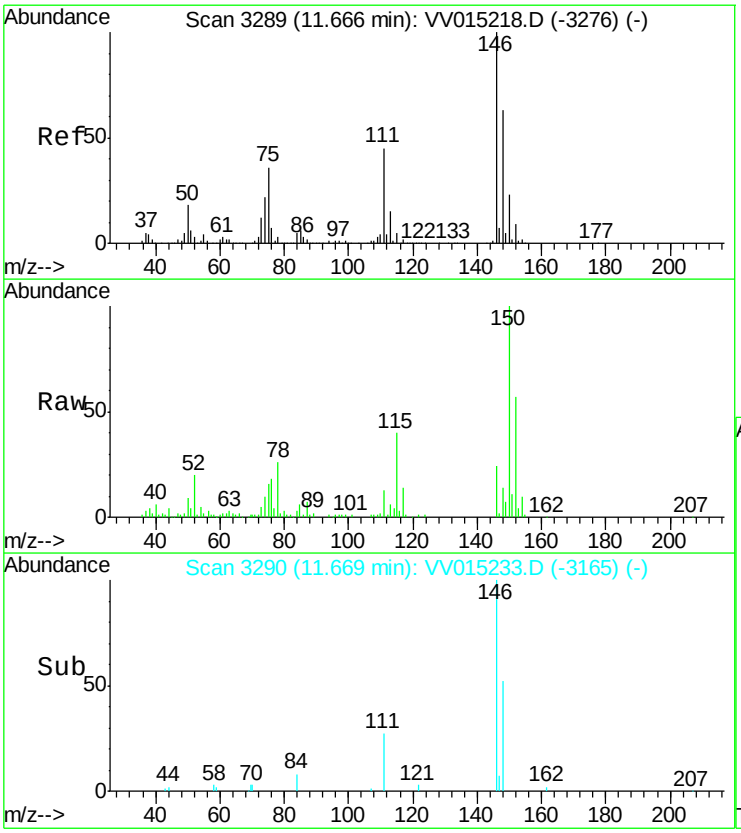
#63
1,4-Dichlorobenzene
Concen: 1.962 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. -0.00 min
Lab File: VV015233.D
Acq: 28 Mar 2020 08:23

Instrument :
MSVOA_V
ClientSampleId :
ETTL2

Tgt Ion:146 Resp: 15718

Ion	Ratio	Lower	Upper
146	100		
111	44.8	29.4	54.6
148	65.9	43.6	81.0

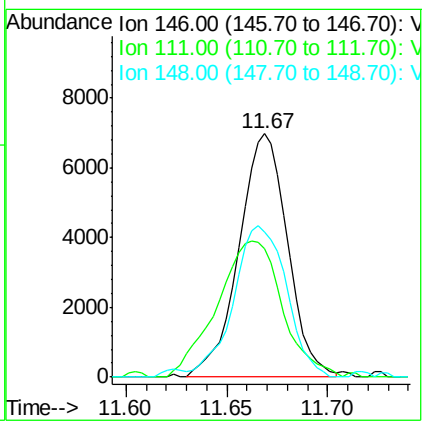


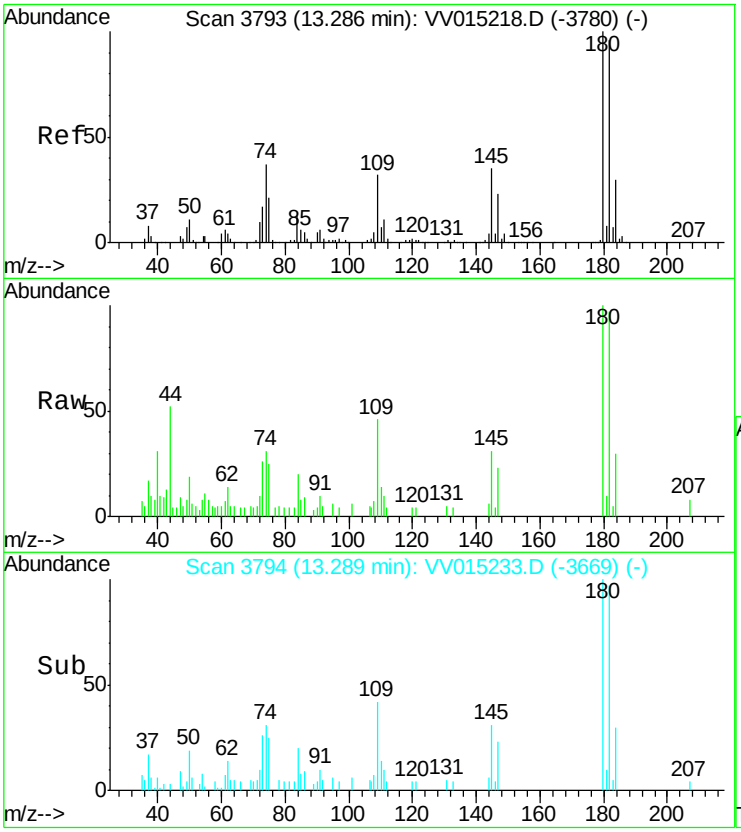


#65
1,2-Dichlorobenzene
Concen: 1.444 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV015233.D
Acq: 28 Mar 2020 08:23

Tgt Ion:146 Resp: 11805

Ion	Ratio	Lower	Upper
146	100		
111	53.0	37.6	56.4
148	59.8	50.6	76.0





#68
1,2,4-trichlorobenzene
Concen: 0.997 ug/L
RT: 13.29 min Scan# 3794
Delta R.T. 0.00 min
Lab File: VV015233.D
Acq: 28 Mar 2020 08:23

Instrument :
MSVOA_V
ClientSampleId :
ETTL2

Tgt Ion:180 Resp: 4691

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.5	113.3
145	35.7	28.5	42.7