Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111819\
Data File : VV013661.D
Acq On : 18 Nov 2019 16:36
Operator : SY/MD
Sample : K5910-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQH8

Quant Time: Nov 19 06:03:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	342861	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	342937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	150900	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	97164	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.58	69	92553	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.13	63	135636	3.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.40%			
20) 2-Butanone-d5	3.96	46	293012	59.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.66%			
24) Chloroform-d	4.40	84	228036	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.08	65	117690	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
32) Benzene-d6	5.10	84	446191	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.11	67	137931	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.36	98	378708	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	7.66	79	49638	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.14	63	209777	50.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.98%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101482	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	158740	5.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.40%			
Target Compounds						Qvalue
34) Trichloroethene	5.96	95	35509	1.278	ug/L	97
51) Chlorobenzene	8.92	112	6855	0.093	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	3867	0.075	ug/L	91
65) 1,2-Dichlorobenzene	11.68	146	3660	0.078	ug/L	94
68) 1,2,4-trichlorobenzene	13.31	180	4600	0.133	ug/L	95
70) 1,2,3-Trichlorobenzene	13.79	180	4297	0.136	ug/L	88

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

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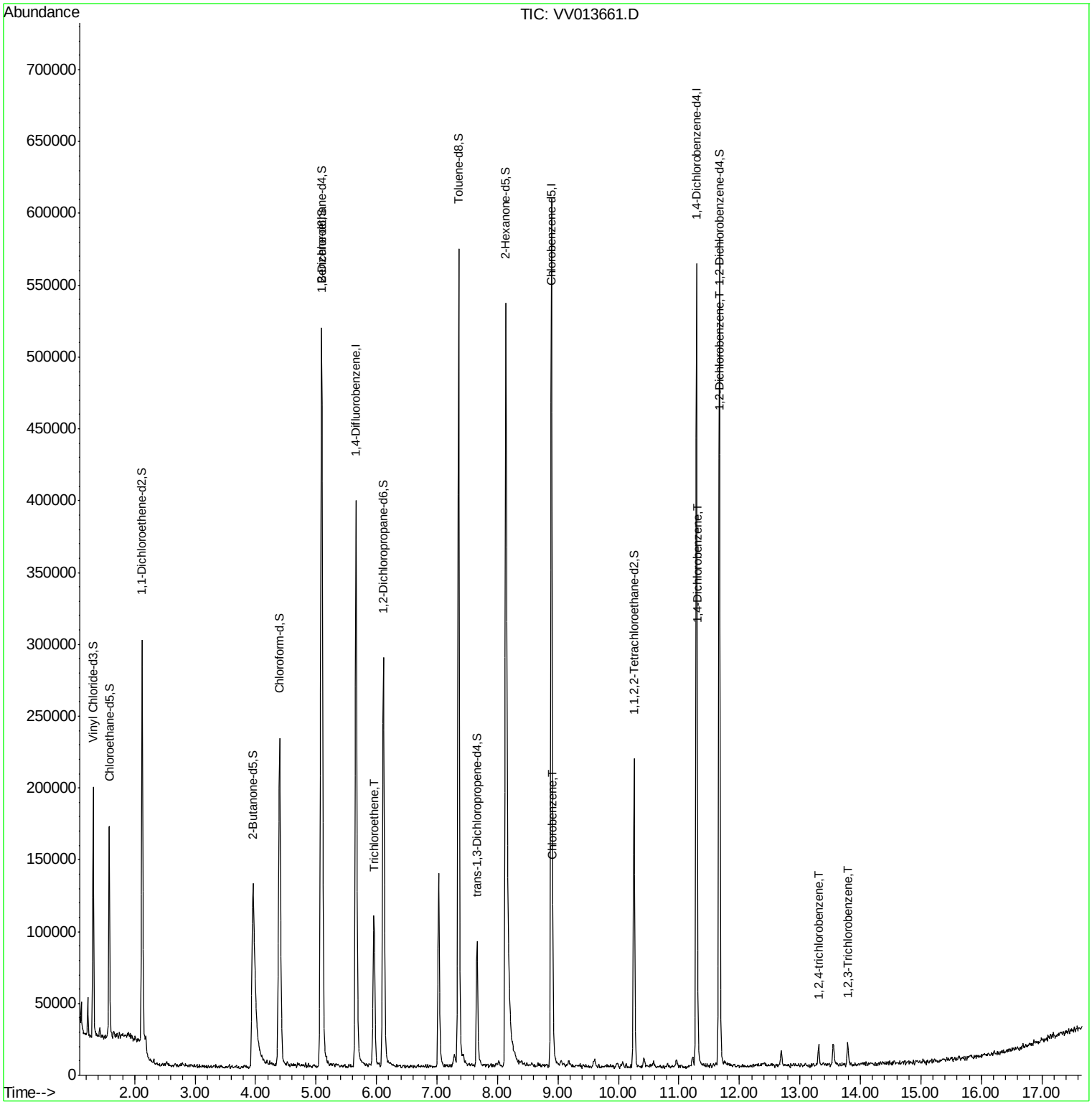
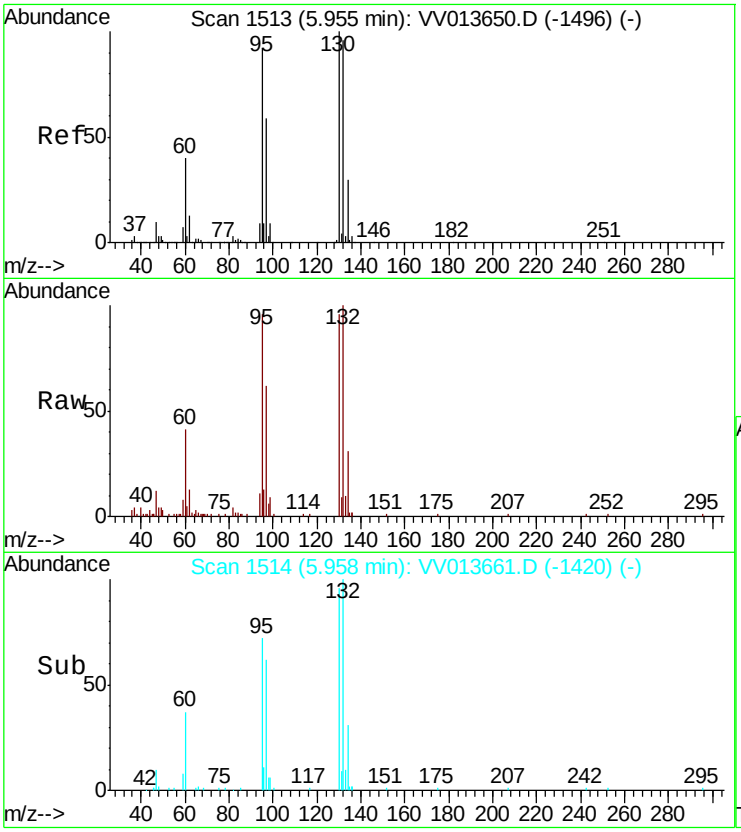


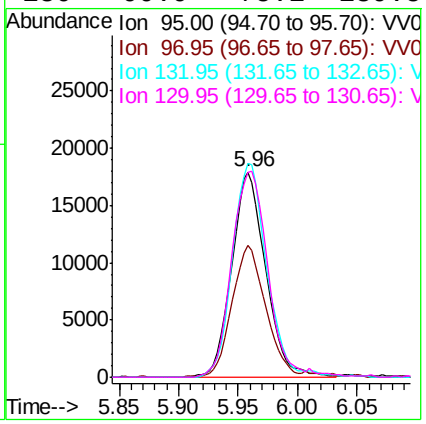


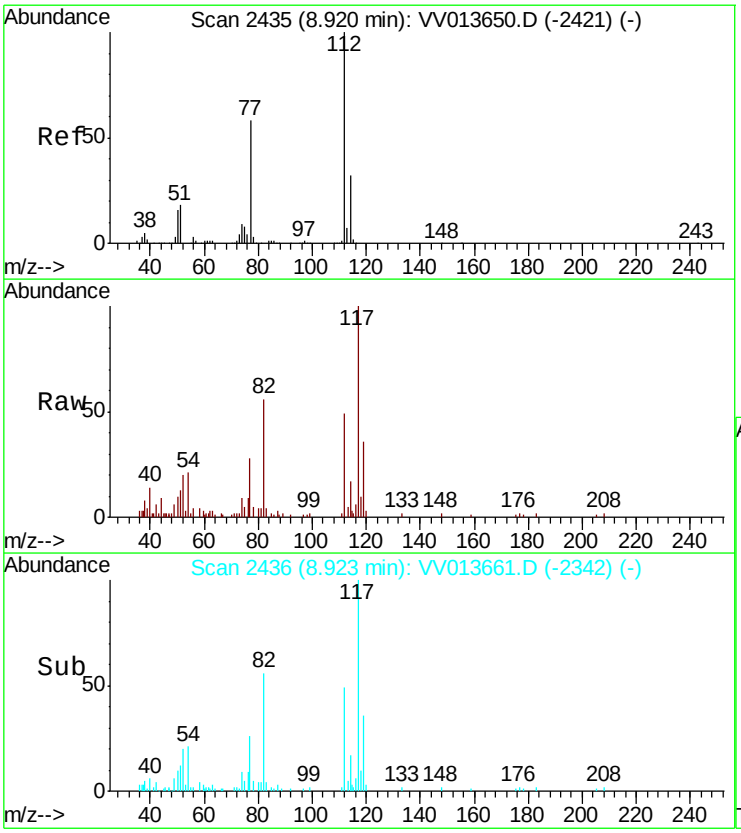
#34
Trichloroethene
Concen: 1.278 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013661.D
Acq: 18 Nov 2019 16:36

Instrument : MSVOA_V
ClientSampleId : GAQH8

Tgt Ion: 95 Resp: 35509

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.8	83.2
132	104.1	72.9	135.3
130	99.9	75.1	139.5

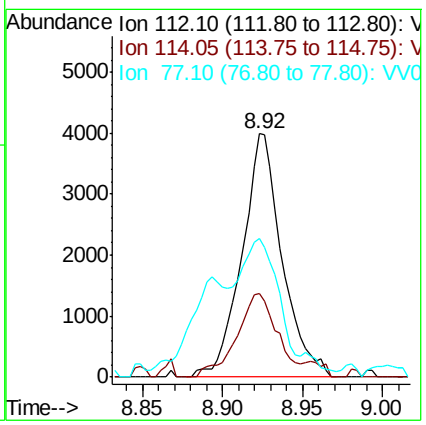


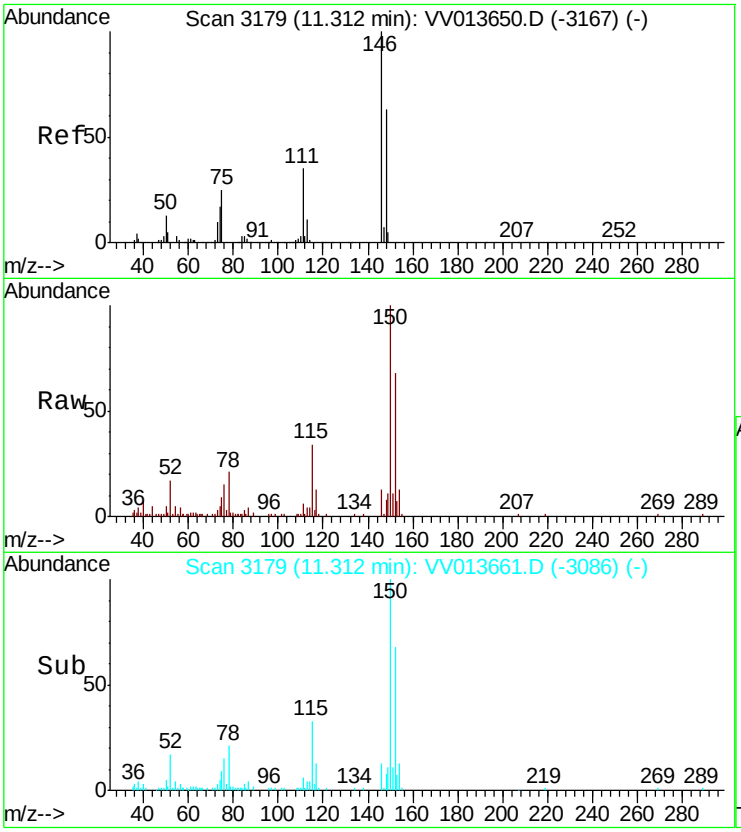


#51
Chlorobenzene
Concen: 0.093 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013661.D
Acq: 18 Nov 2019 16:36

Tgt Ion:112 Resp: 6855

Ion	Ratio	Lower	Upper
112	100		
114	34.2	22.8	42.4
77	56.7	45.0	67.4



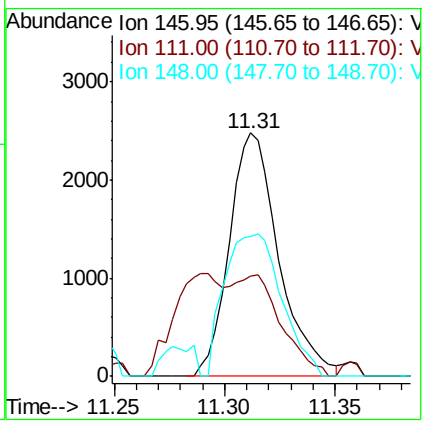


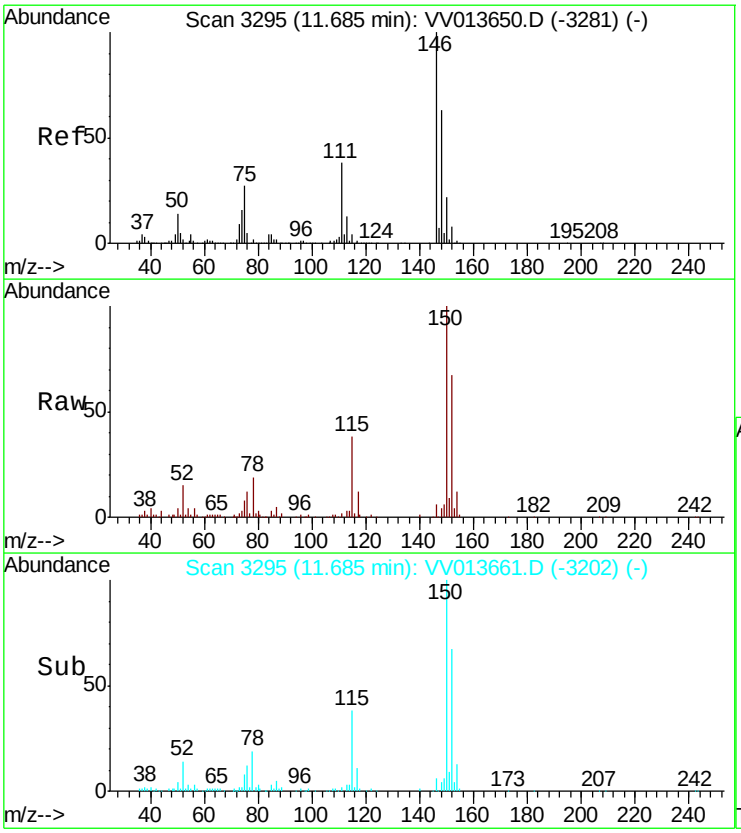
#63
1,4-Dichlorobenzene
Concen: 0.075 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. 0.00 min
Lab File: VV013661.D
Acq: 18 Nov 2019 16:36

Instrument : MSVOA_V
ClientSampleId : GAQH8

Tgt Ion:146 Resp: 3867

Ion	Ratio	Lower	Upper
146	100		
111	41.3	25.6	47.6
148	57.3	45.6	84.8

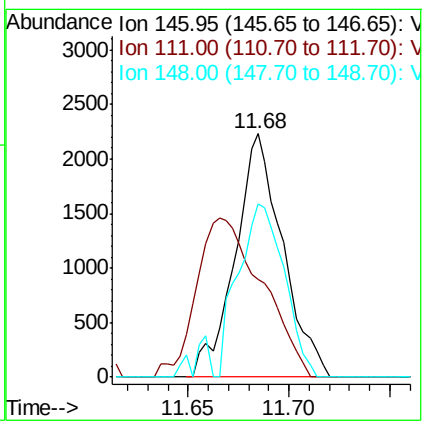


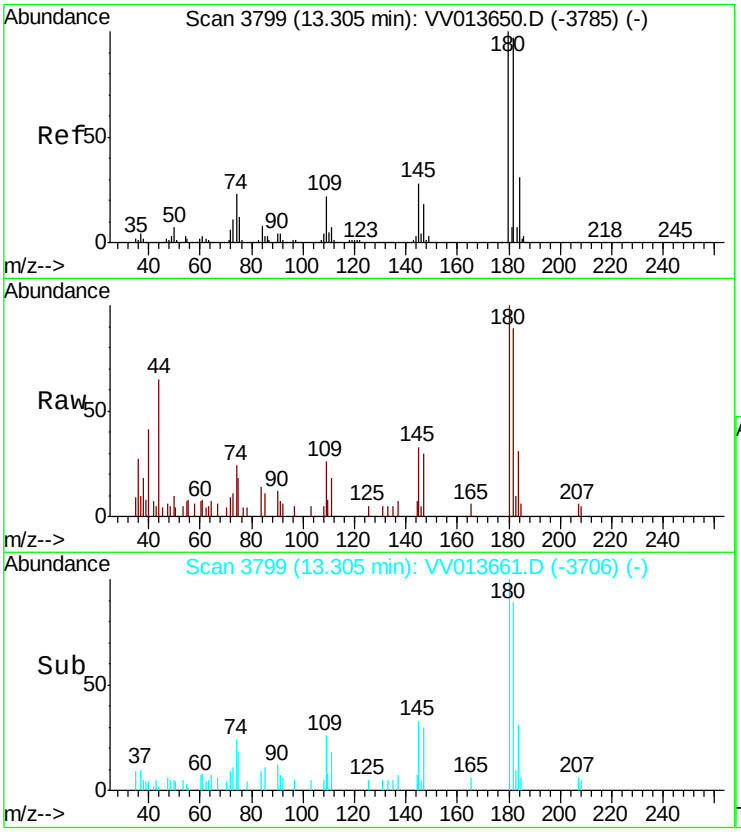


#65
1,2-Dichlorobenzene
Concen: 0.078 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV013661.D
Acq: 18 Nov 2019 16:36

Tgt Ion:146 Resp: 3660

Ion	Ratio	Lower	Upper
146	100		
111	39.9	31.3	46.9
148	71.1	51.1	76.7



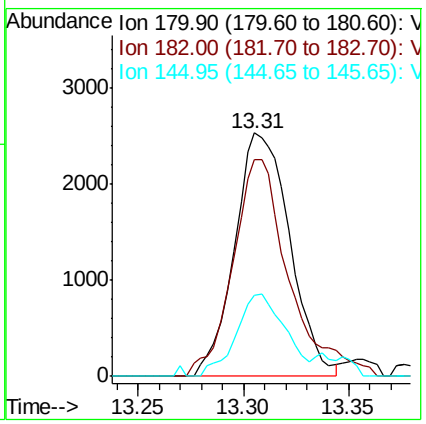


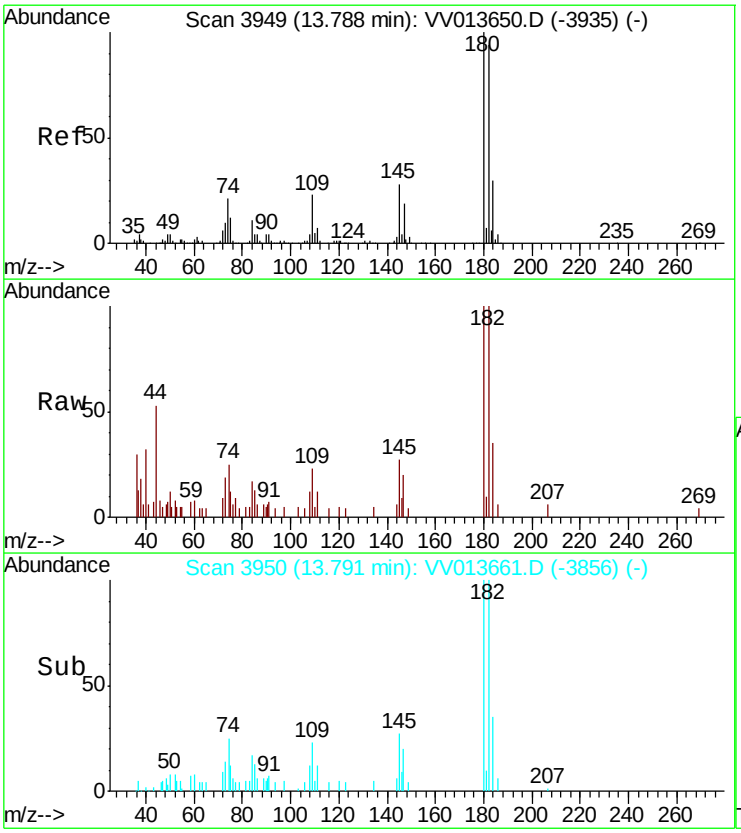
#68
1,2,4-trichlorobenzene
Concen: 0.133 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV013661.D
Acq: 18 Nov 2019 16:36

Instrument :
MSVOA_V
ClientSampleId :
GAQH8

Tgt Ion:180 Resp: 4600

Ion	Ratio	Lower	Upper
180	100		
182	90.5	77.2	115.8
145	29.8	22.6	33.8





#70
1,2,3-Trichlorobenzene
Concen: 0.136 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013661.D
Acq: 18 Nov 2019 16:36

Tgt Ion:180 Resp: 4297

Ion	Ratio	Lower	Upper
180	100		
182	108.2	75.6	113.4
145	32.4	23.4	35.0