Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\

Quantitation Report (Not Reviewed)

Data File : VW013790.D
Acq On : 29 Oct 2019 13:50
Operator : SY/VA
Sample : K5552-05
Misc : 7.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ78

Quant Time: Oct 30 07:02:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	253997	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	216089	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	76296	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	89038	28.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.28%			
7) Chloroethane-d5	2.89	69	70342	24.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.72%			
10) 1,1-Dichloroethene-d2	4.02	63	130935	19.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.08%			
20) 2-Butanone-d5	7.07	46	79332	71.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 142.36%#			
24) Chloroform-d	7.65	84	186014	26.17	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.68%			
26) 1,2-Dichloroethane-d4	8.31	65	112048	30.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 120.60%			
29) Benzene-d6	8.27	84	378575	29.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.64%			
33) 1,2-Dichloropropane-d6	9.27	67	122492	31.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 126.36%#			
37) Toluene-d8	10.32	98	325499	27.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.72%			
38) trans-1,3-Dichloropropene-	10.58	79	54626	31.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 124.92%			
39) 2-Hexanone-d5	10.93	63	64922	87.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 175.18%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109206	34.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 137.56%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	67115	24.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.56%			
Target Compounds						Qvalue
13) Acetone	4.12	43	29004	23.446	ug/L	96
21) 2-Butanone	7.17	43	5129	3.265	ug/L	88
35) Trichloroethene	8.84	95	7469	1.878	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	11894	3.137	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3174	0.530	ug/L	83
47) Tetrachloroethene	10.86	164	94812	26.038	ug/L	96
50) Dibromochloromethane	10.86	129	81969	23.755	ug/L #	13
59) 1,2,3-Trichloropropane	13.55	75	7384	2.890	ug/L	91

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

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Quantitation Report (Not Reviewed)

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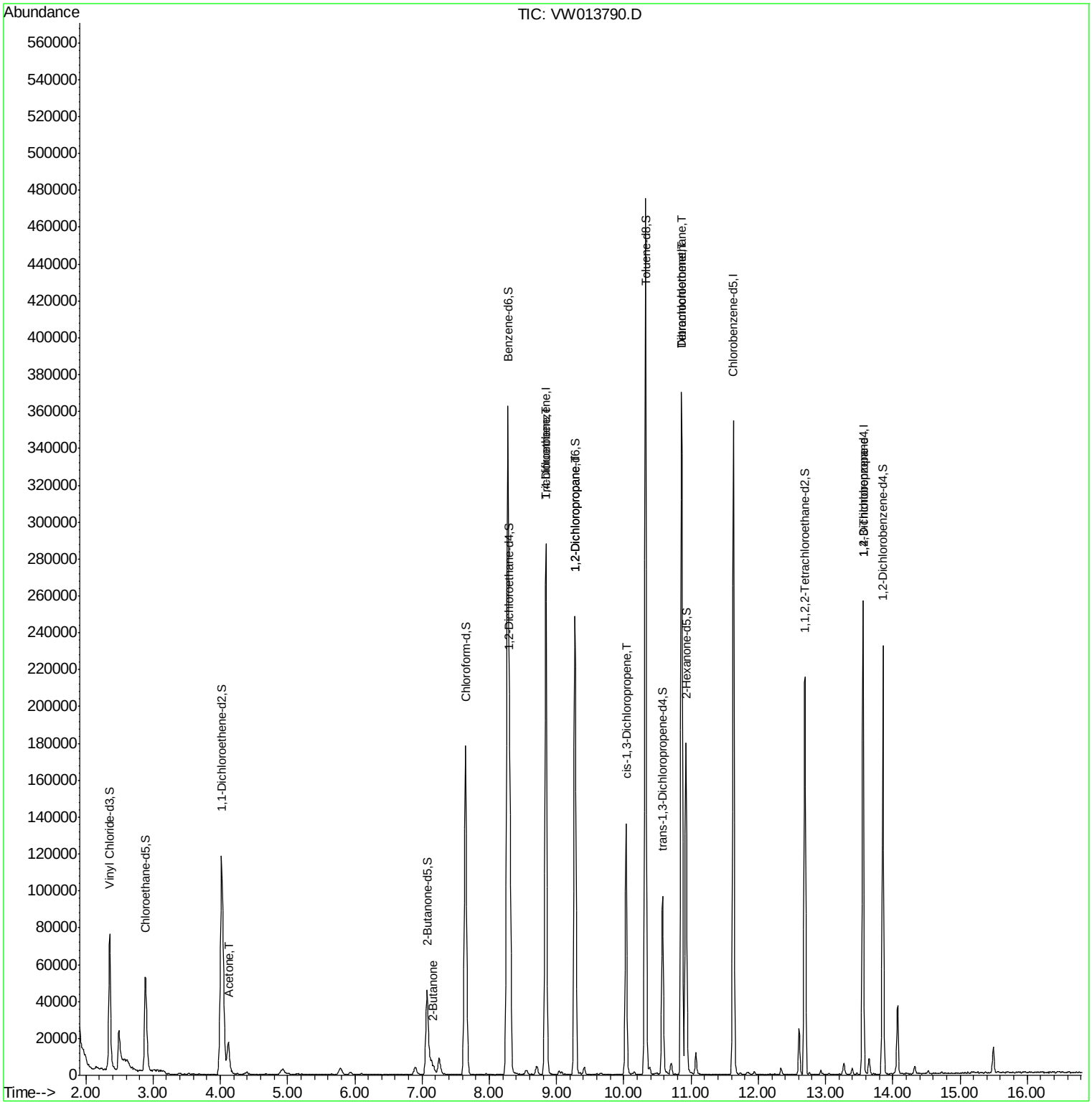
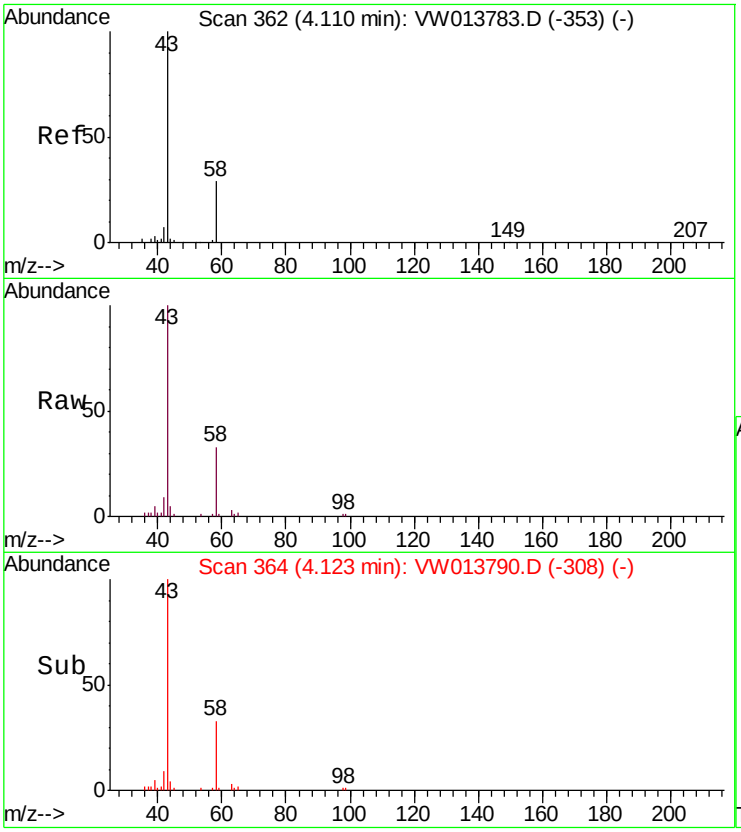
Misc : 7.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ78

Quant Time: Oct 30 07:02:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration



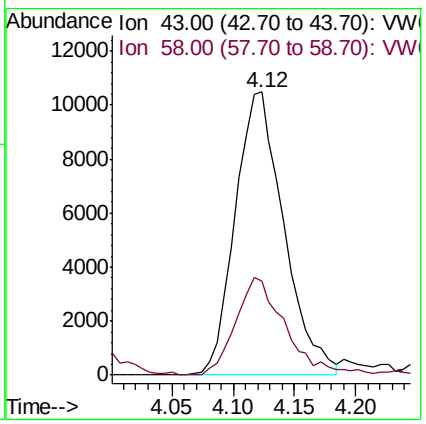


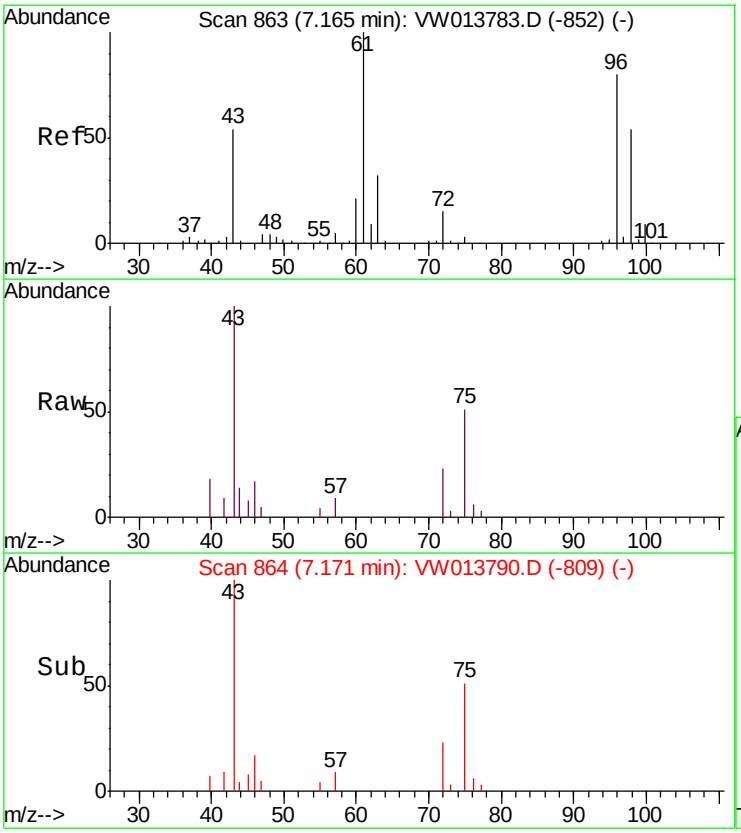
#13
Acetone
Concen: 23.446 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW013790.D
Acq: 29 Oct 2019 13:50

Instrument : MSVOA_W
ClientSampleId : GAQ78

Tgt Ion: 43 Resp: 29004

Ion	Ratio	Lower	Upper
43	100		
58	32.9	0.0	70.4

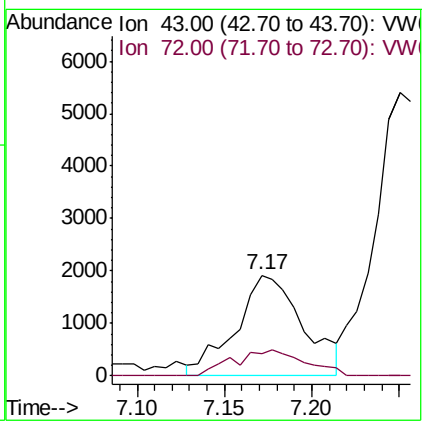


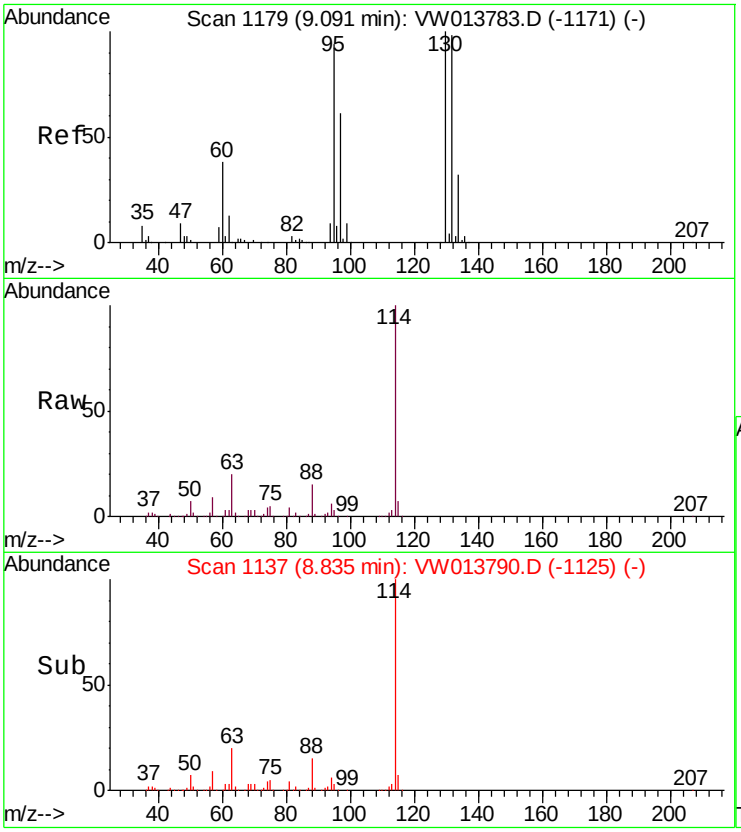


#21
2-Butanone
Concen: 3.265 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW013790.D
Acq: 29 Oct 2019 13:50

Tgt Ion: 43 Resp: 5129

Ion	Ratio	Lower	Upper
43	100		
72	20.9	13.7	41.1



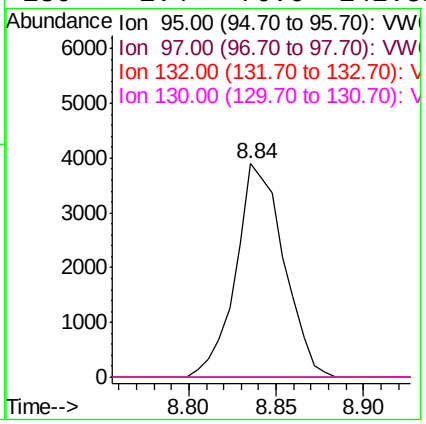


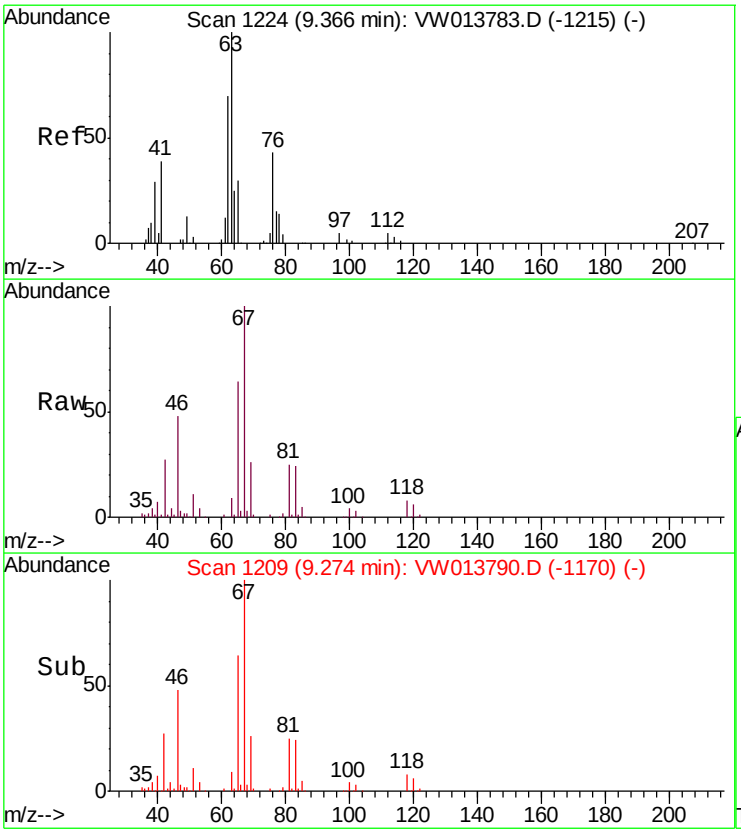
#35
Trichloroethene
Concen: 1.878 ug/L
RT: 8.84 min Scan# 1137
Delta R.T. -0.26 min
Lab File: VW013790.D
Acq: 29 Oct 2019 13:50

Instrument : MSVOA_W
ClientSampleId : GAQ78

Tgt Ion: 95 Resp: 7469

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.2#
132	0.0	74.3	138.1#
130	1.4	76.6	142.3#

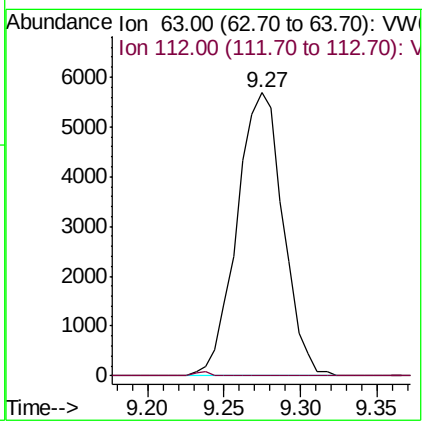


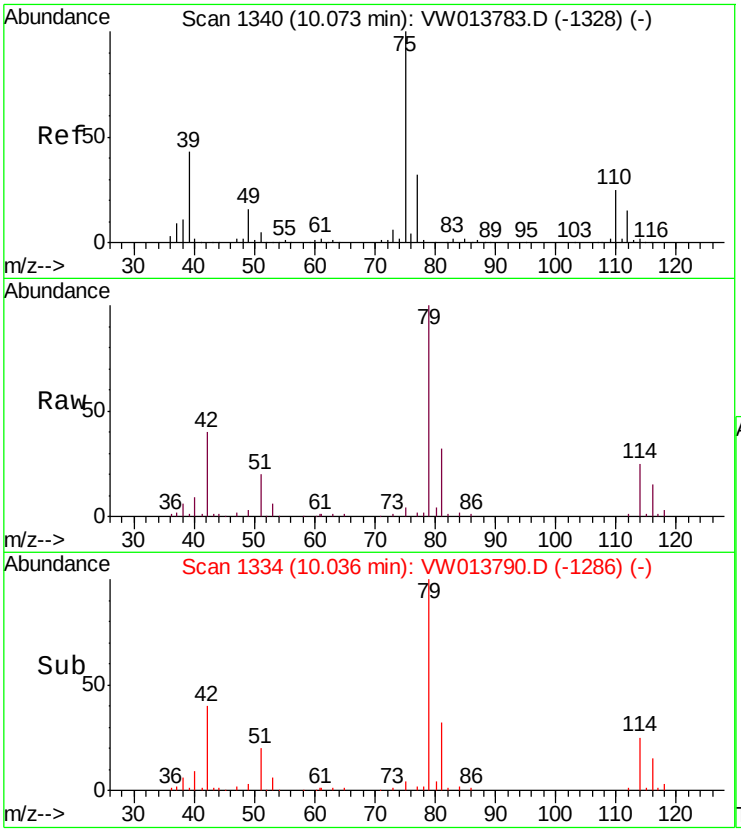


#40
1,2-Dichloropropane
Concen: 3.137 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW013790.D
Acq: 29 Oct 2019 13:50

Tgt Ion: 63 Resp: 11894

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.9	5.9#



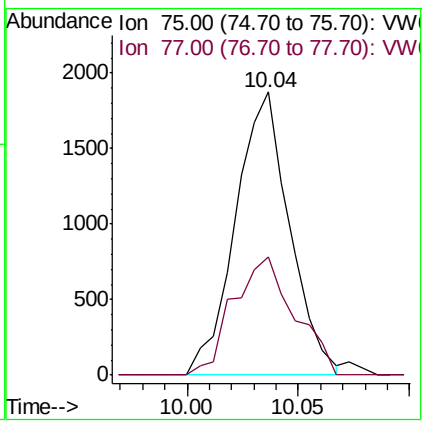


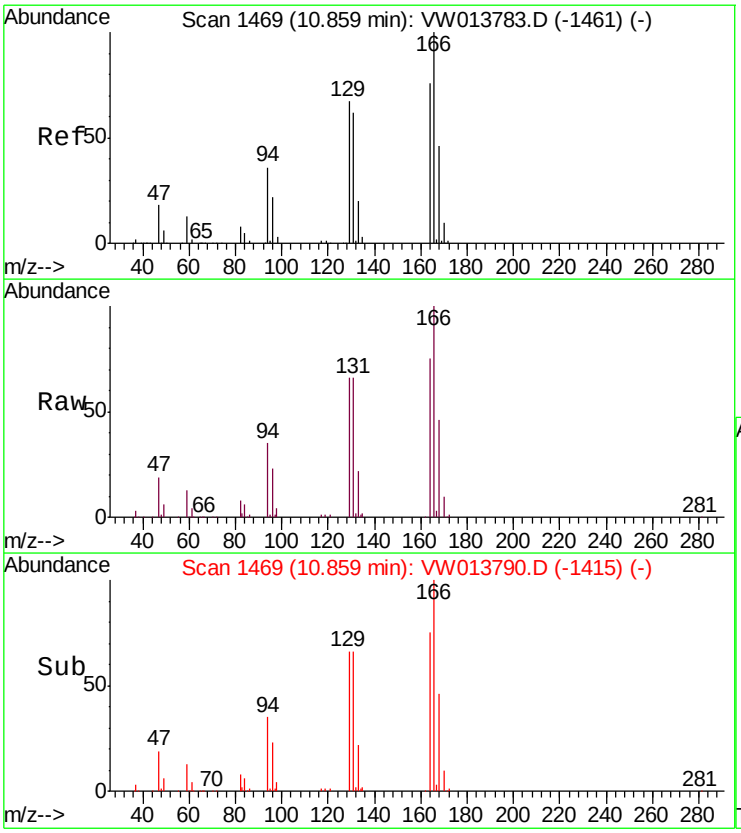
#42
cis-1,3-Dichloropropene
Concen: 0.530 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW013790.D
Acq: 29 Oct 2019 13:50

Instrument : MSVOA_W
ClientSampleId : GAQ78

Tgt Ion: 75 Resp: 3174

Ion	Ratio	Lower	Upper
75	100		
77	41.7	22.5	41.9

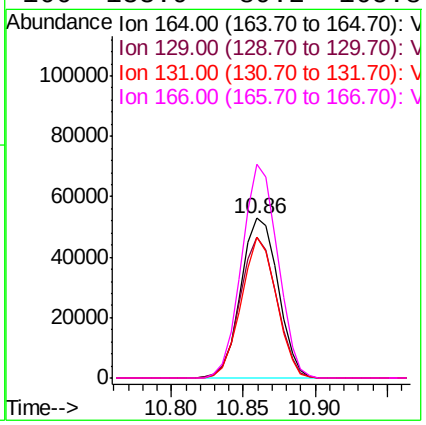


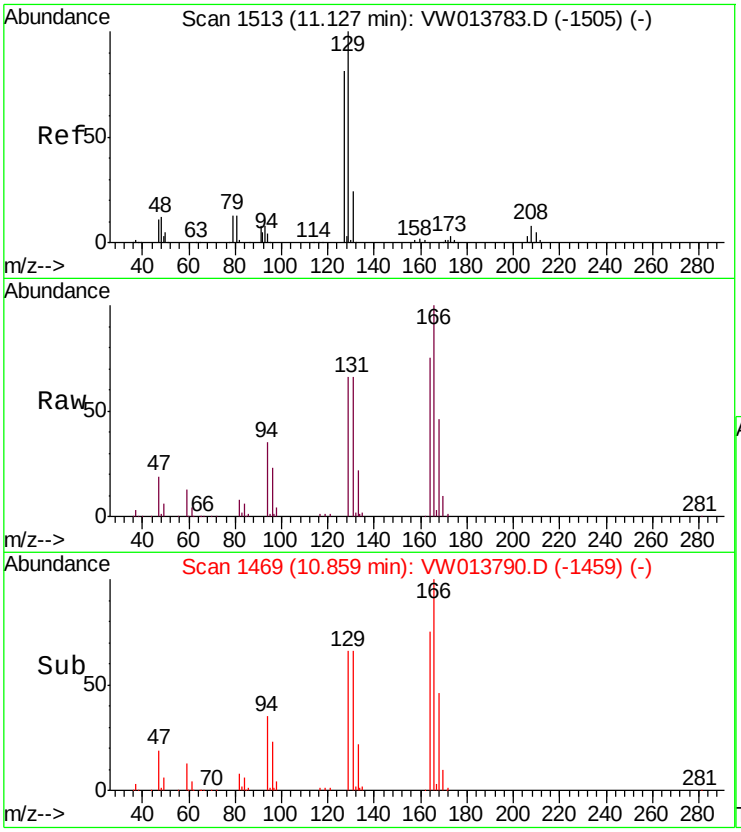


#47
Tetrachloroethene
Concen: 26.038 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013790.D
Acq: 29 Oct 2019 13:50

Tgt Ion:164 Resp: 94812

Ion	Ratio	Lower	Upper
164	100		
129	88.6	61.8	114.8
131	88.5	59.2	110.0
166	133.9	89.2	165.8



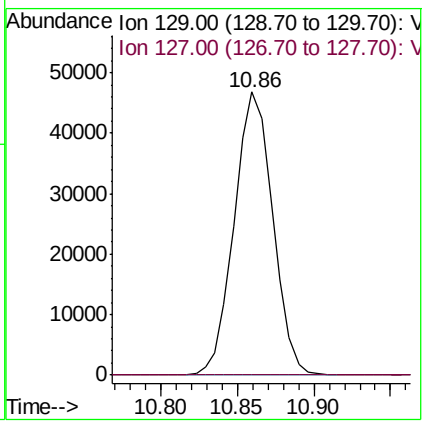


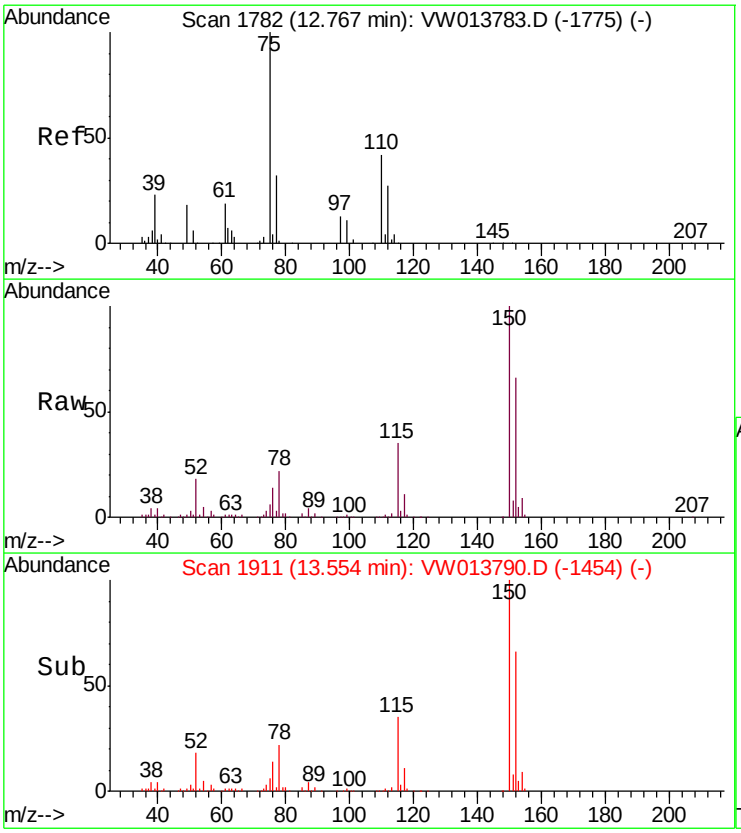
#50
Dibromochloromethane
Concen: 23.755 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW013790.D
Acq: 29 Oct 2019 13:50

Instrument : MSVOA_W
ClientSampleId : GAQ78

Tgt Ion:129 Resp: 81969

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.4	95.5#





#59
1,2,3-Trichloropropane
Concen: 2.890 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW013790.D
Acq: 29 Oct 2019 13:50

Tgt Ion: 75 Resp: 7384

Ion	Ratio	Lower	Upper
75	100		
77	38.2	26.4	39.6