Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

Quantitation Report (Not Reviewed)

Data File : VW007975.D
Acq On : 27 Dec 2018 17:51
Operator : SY/AP
Sample : J6489-10
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Time: Dec 28 05:59:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	99368	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	89946	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	43780	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	23574	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.28%			
7) Chloroethane-d5	2.89	69	15980	24.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.88%			
10) 1,1-Dichloroethene-d2	4.01	63	46640	17.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.36%			
20) 2-Butanone-d5	7.07	46	21345	51.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.22%			
24) Chloroform-d	7.65	84	61691	23.34	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.36%			
26) 1,2-Dichloroethane-d4	8.31	65	39220	24.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.96%			
29) Benzene-d6	8.27	84	119468	23.68	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.72%			
33) 1,2-Dichloropropane-d6	9.27	67	32210	23.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.88%			
37) Toluene-d8	10.32	98	114219	23.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.96%			
38) trans-1,3-Dichloropropene-	10.58	79	17897	22.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.88%			
39) 2-Hexanone-d5	10.93	63	17219	49.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.12%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32771	24.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.28%			
61) 1,2-Dichlorobenzene-d4	13.86	152	42328	23.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.76%			

Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	428	0.341	ug/L #	18
16) Methylene chloride	4.90	84	3839	2.388	ug/L	90
27) 1,2-Dichloroethane	8.27	62	819	0.478	ug/L #	80
35) Trichloroethene	8.84	95	3243	2.319	ug/L #	5
40) 1,2-Dichloropropane	9.27	63	4232	3.740	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1225	0.620	ug/L	95
46) 1,1,2-Trichloroethane	10.70	97	362	0.378	ug/L #	16
49) 2-Hexanone	10.92	43	2245	3.475	ug/L #	65

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

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Quantitation Report (Not Reviewed)

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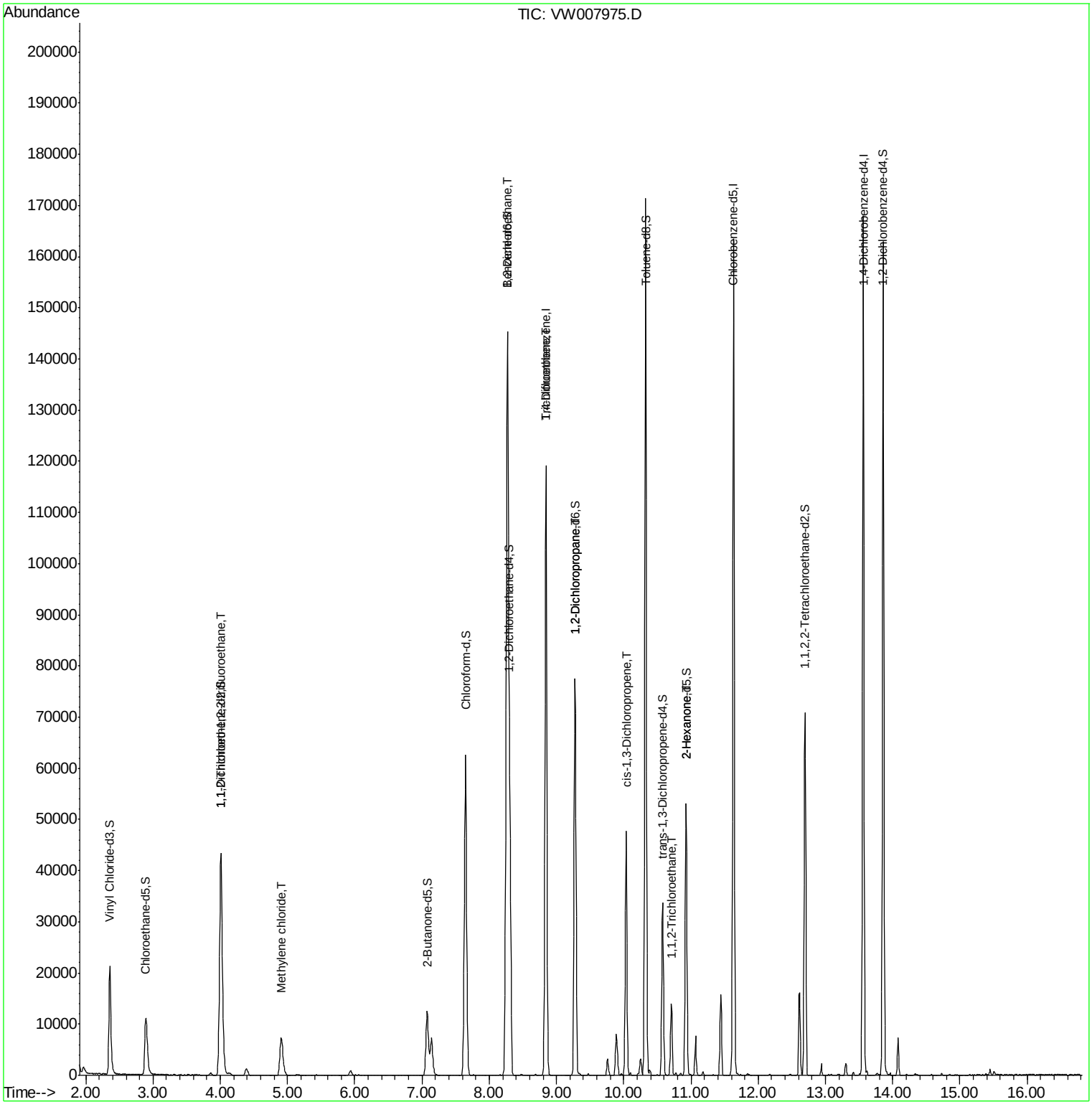
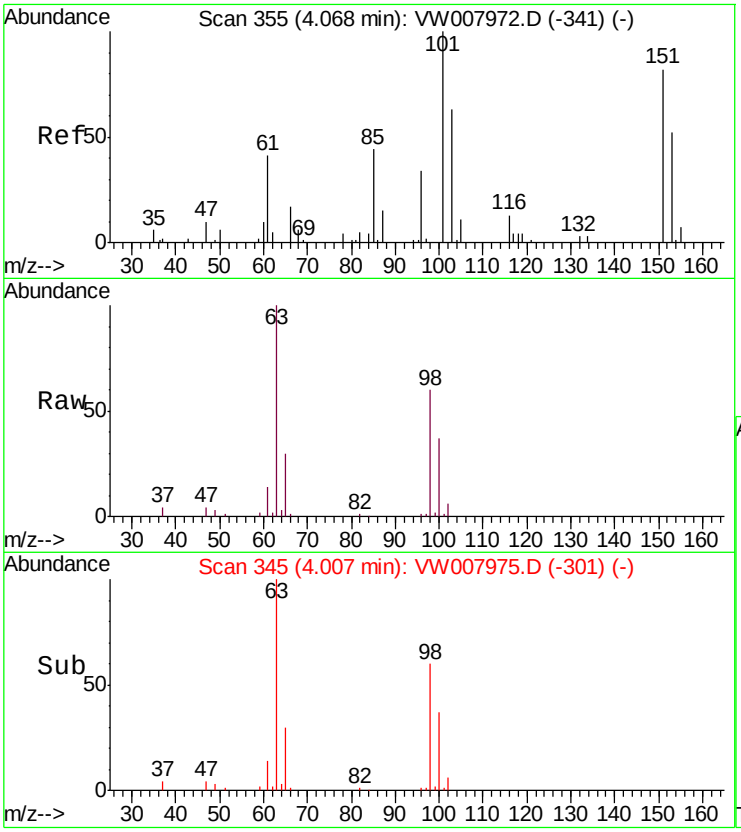
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Time: Dec 28 05:59:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration



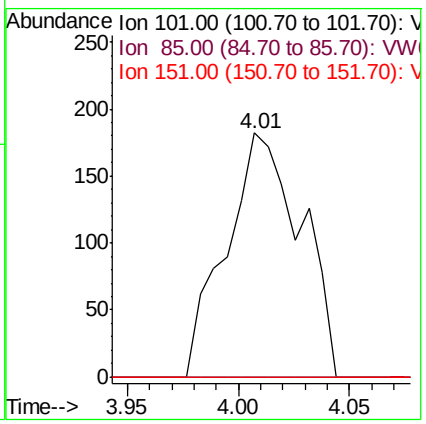


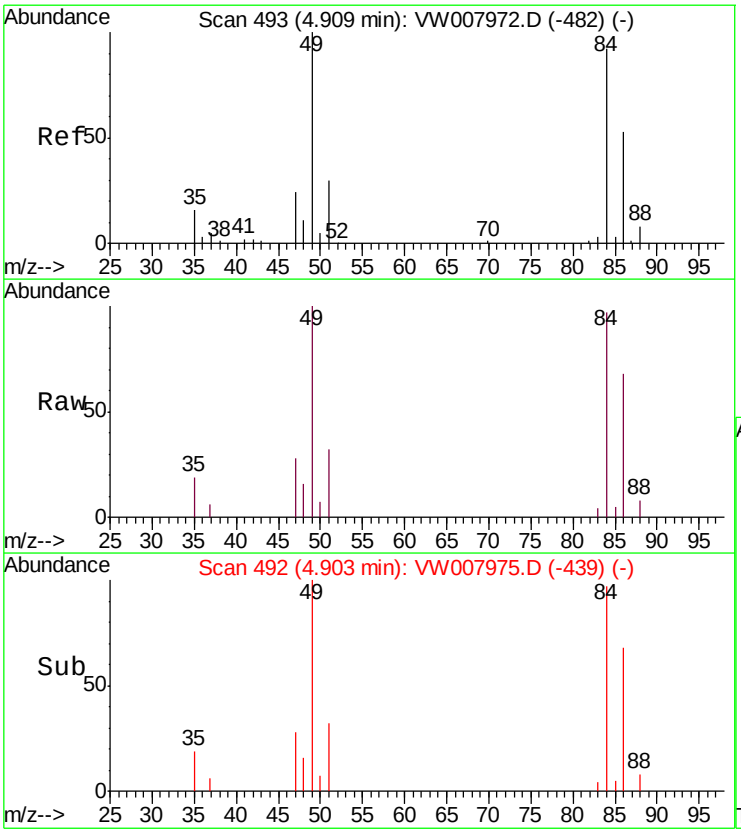
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.341 ug/L
RT: 4.01 min Scan# 345
Delta R.T. -0.06 min
Lab File: VW007975.D
Acq: 27 Dec 2018 17:51

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Tgt Ion:101 Resp: 428

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.4	50.2#
151	0.0	63.2	94.8#

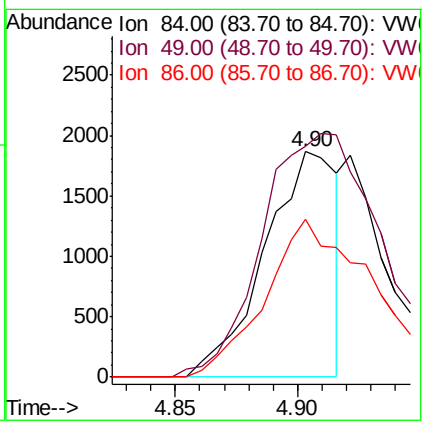


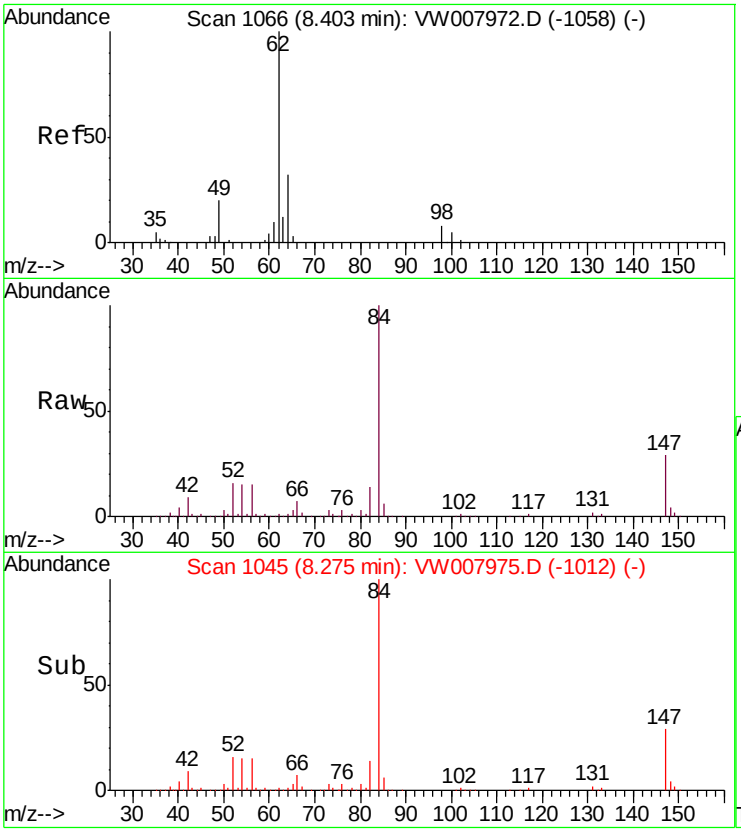


#16
Methylene chloride
Concen: 2.388 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007975.D
Acq: 27 Dec 2018 17:51

Tgt Ion: 84 Resp: 3839

Ion	Ratio	Lower	Upper
84	100		
49	102.6	79.2	147.0
86	70.1	43.2	80.2



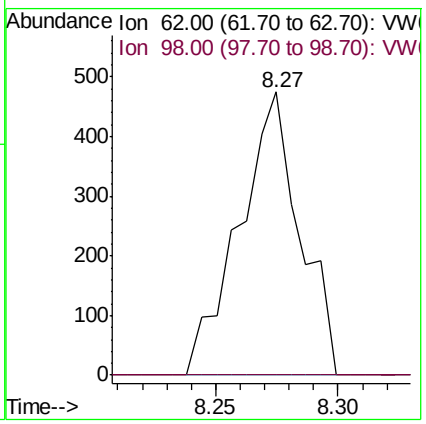


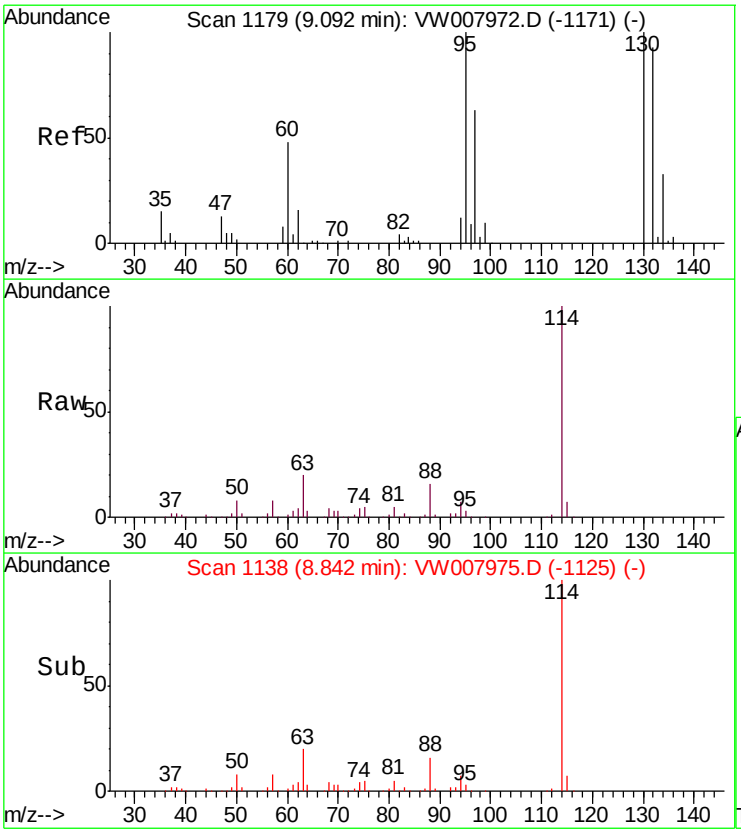
#27
1,2-Dichloroethane
Concen: 0.478 ug/L
RT: 8.27 min Scan# 1045
Delta R.T. -0.13 min
Lab File: VW007975.D
Acq: 27 Dec 2018 17:51

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Tgt Ion: 62 Resp: 819

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#

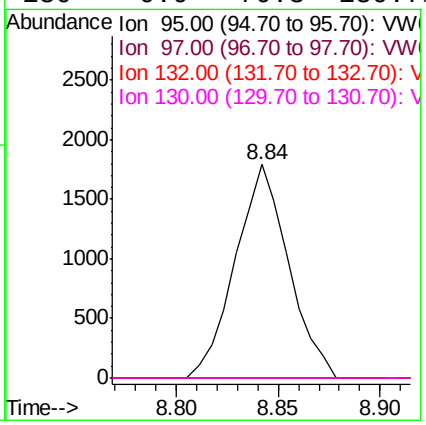


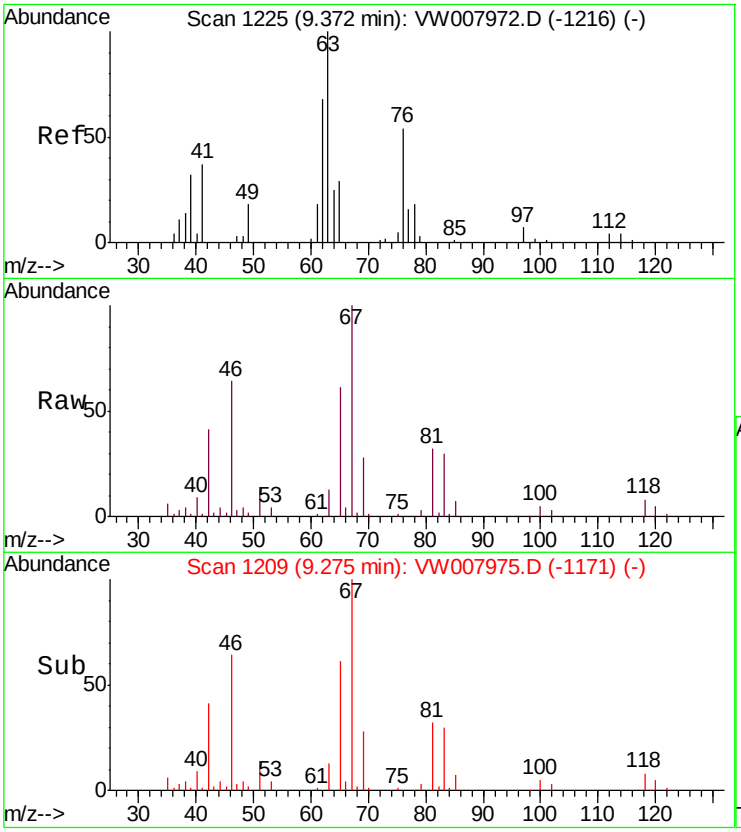


#35
Trichloroethene
Concen: 2.319 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW007975.D
Acq: 27 Dec 2018 17:51

Tgt Ion: 95 Resp: 3243

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.5#
132	0.0	67.8	126.0#
130	0.0	70.3	130.7#



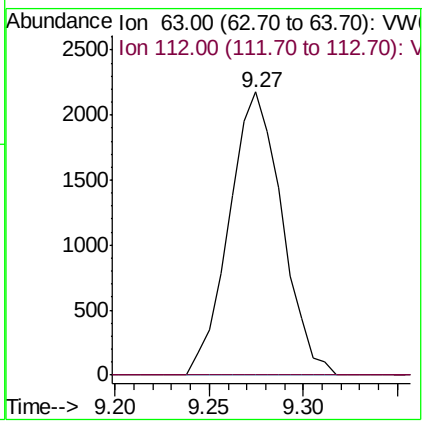


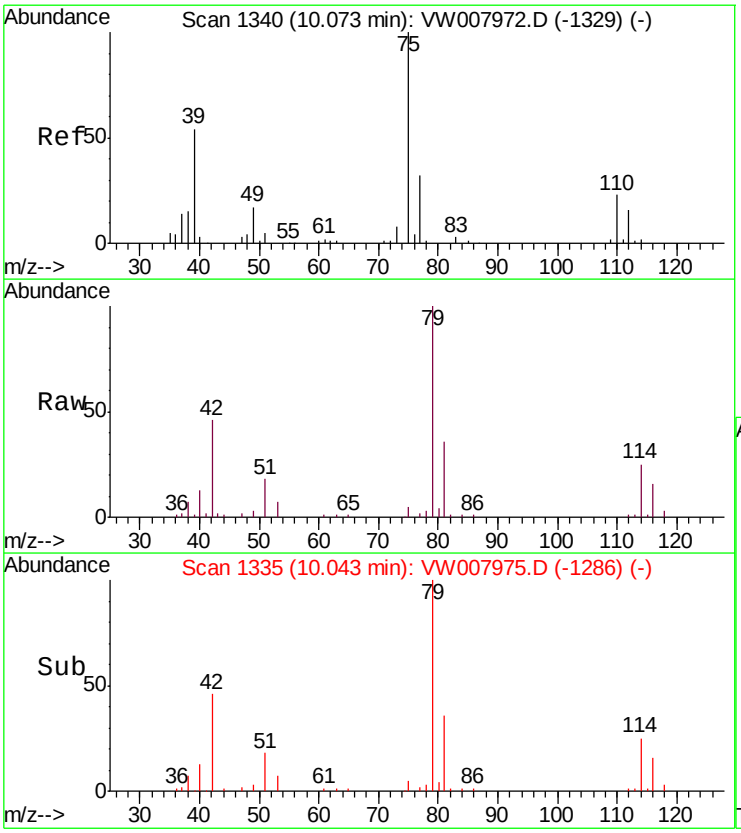
#40
1,2-Dichloropropane
Concen: 3.740 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007975.D
Acq: 27 Dec 2018 17:51

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Tgt Ion: 63 Resp: 4232

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

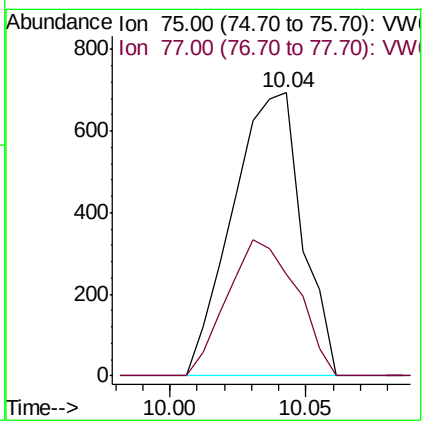


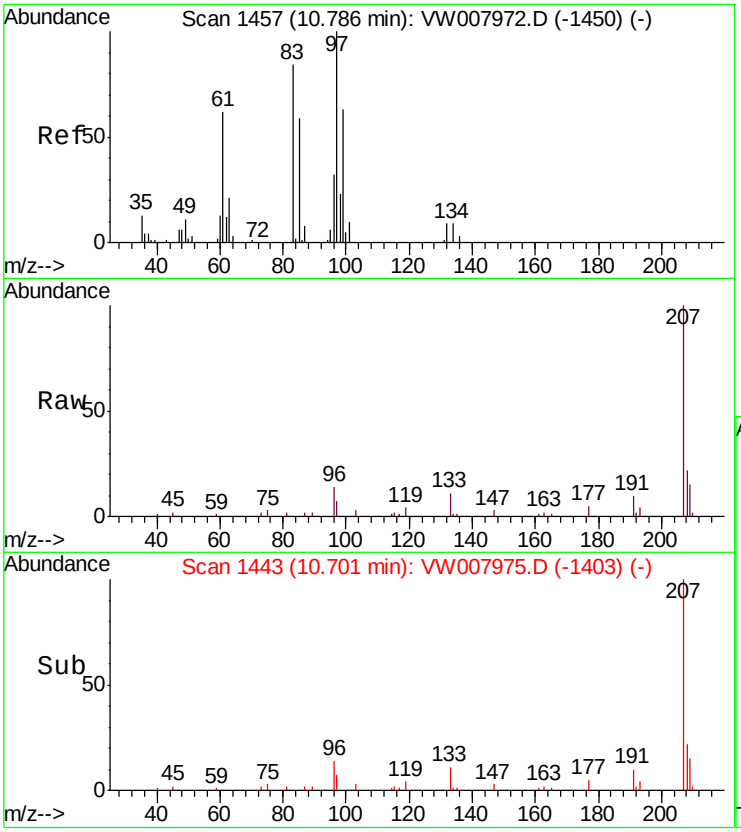


#42
cis-1,3-Dichloropropene
Concen: 0.620 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW007975.D
Acq: 27 Dec 2018 17:51

Tgt Ion: 75 Resp: 1225

Ion	Ratio	Lower	Upper
75	100		
77	35.8	23.0	42.8



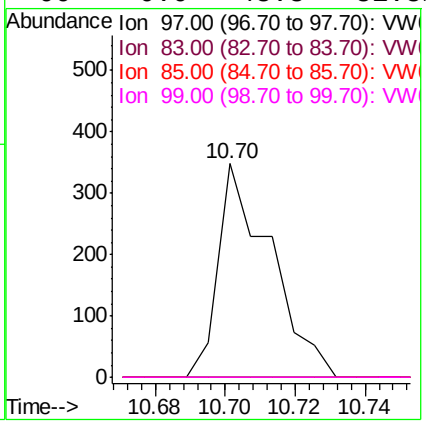


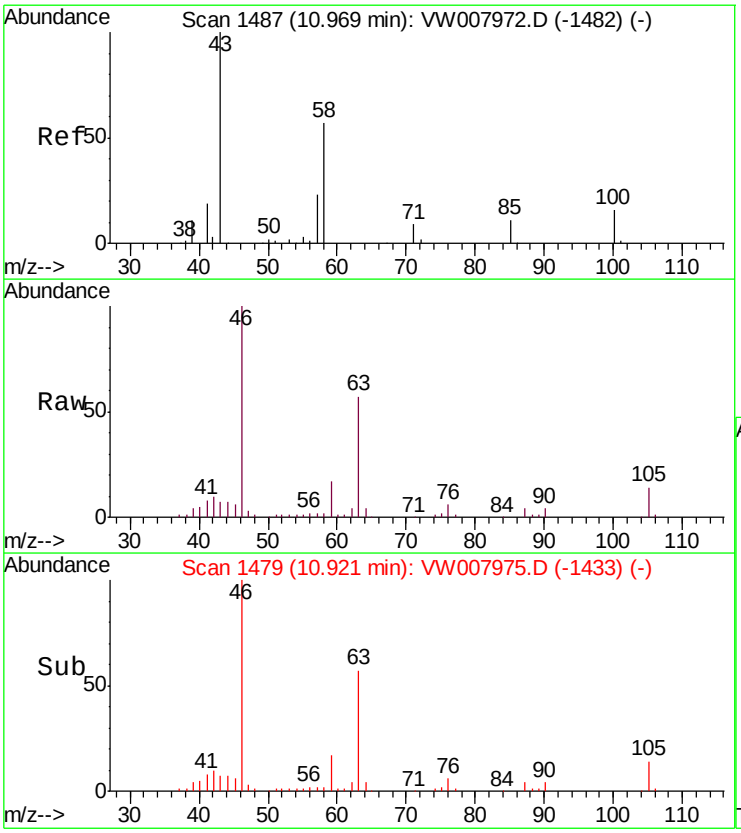
#46
1,1,2-Trichloroethane
Concen: 0.378 ug/L
RT: 10.70 min Scan# 1443
Delta R.T. -0.09 min
Lab File: VW007975.D
Acq: 27 Dec 2018 17:51

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Tgt Ion: 97 Resp: 362

Ion	Ratio	Lower	Upper
97	100		
83	0.0	58.4	108.6#
85	0.0	36.4	67.6#
99	0.0	43.8	81.3#





#49
2-Hexanone
Concen: 3.475 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW007975.D
Acq: 27 Dec 2018 17:51

Tgt Ion: 43 Resp: 2245

Ion	Ratio	Lower	Upper
43	100		
58	23.8	46.2	69.4#
57	25.2	17.9	26.9
100	0.0	11.4	17.2#