Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092518\

Quantitation Report (Not Reviewed)

Data File : VV007863.D
Acq On : 25 Sep 2018 19:16
Operator : SY/MD
Sample : J5043-21
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Sep 26 05:00:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192325	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184089	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93701	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56032	46.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.96%			
7) Chloroethane-d5	1.59	69	52159	50.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.20%			
11) 1,1-Dichloroethene-d2	2.14	63	95094	37.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.04%			
21) 2-Butanone-d5	3.96	46	39228	48.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 48.28%			
24) Chloroform-d	4.41	84	105740	42.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.46%			
26) 1,2-Dichloroethane-d4	5.09	65	88672	49.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.32%			
32) Benzene-d6	5.11	84	245422	49.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.56%			
36) 1,2-Dichloropropane-d6	6.13	67	79459	51.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.94%			
41) Toluene-d8	7.36	98	240836	48.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.92%			
43) trans-1,3-Dichloropropene-	7.67	79	33842	46.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.08%			
47) 2-Hexanone-d5	8.14	63	60841	93.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.32%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	106713	46.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.66%			
64) 1,2-Dichlorobenzene-d4	11.68	152	103646	49.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.52%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.14	101	915	0.388	ug/L #	27
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	915	0.694	ug/L #	15
12) 1,1-Dichloroethene	2.14	96	901	0.761	ug/L #	1
22) 2-Butanone	4.00	43	2999	2.674	ug/L #	50
25) Chloroform	4.44	83	17435	6.781	ug/L	99
35) Methylcyclohexane	6.13	83	19647	9.120	ug/L #	18
39) cis-1,3-Dichloropropene	7.04	75	2271	1.185	ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	1664	0.874	ug/L	85
46) Tetrachloroethene	8.02	164	2111	1.600	ug/L	95
48) 2-Hexanone	8.14	43	7564	5.130	ug/L #	82
49) Dibromochloromethane	8.02	129	1888	1.309	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	10220	5.815	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092518\

Quantitation Report (Not Reviewed)

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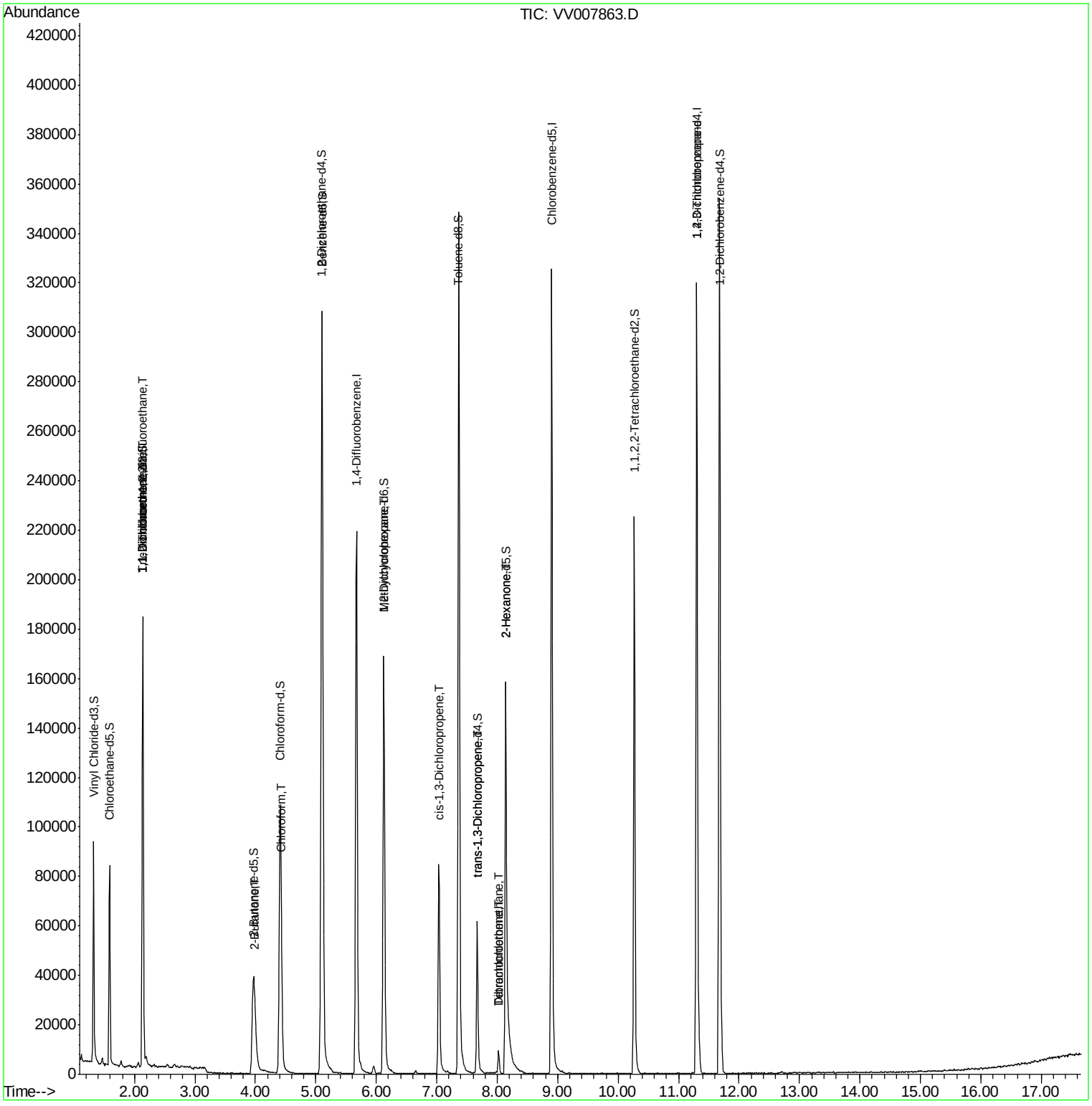
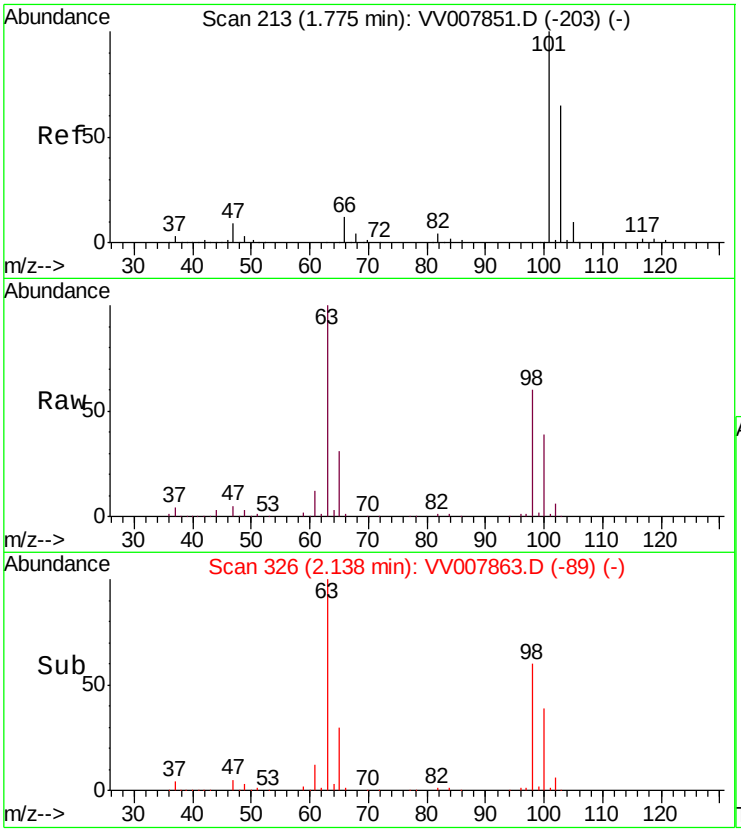
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration



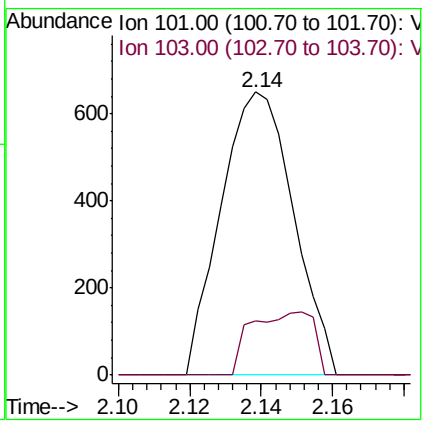


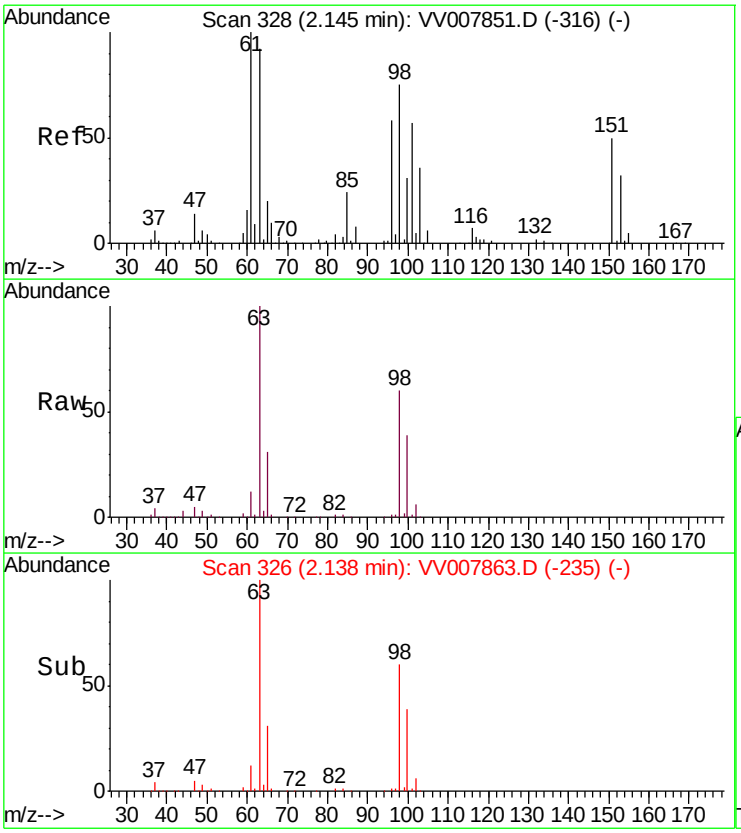
#9
Trichlorofluoromethane
Concen: 0.388 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.36 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 915

Ion	Ratio	Lower	Upper
101	100		
103	7.5	52.4	78.6#

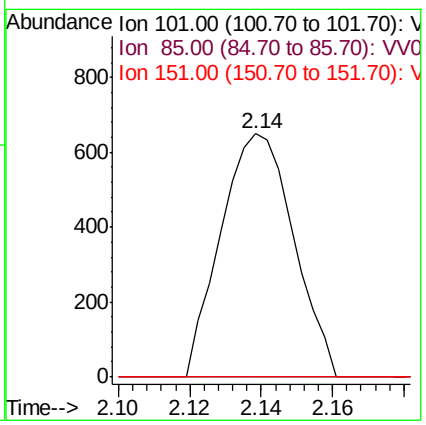


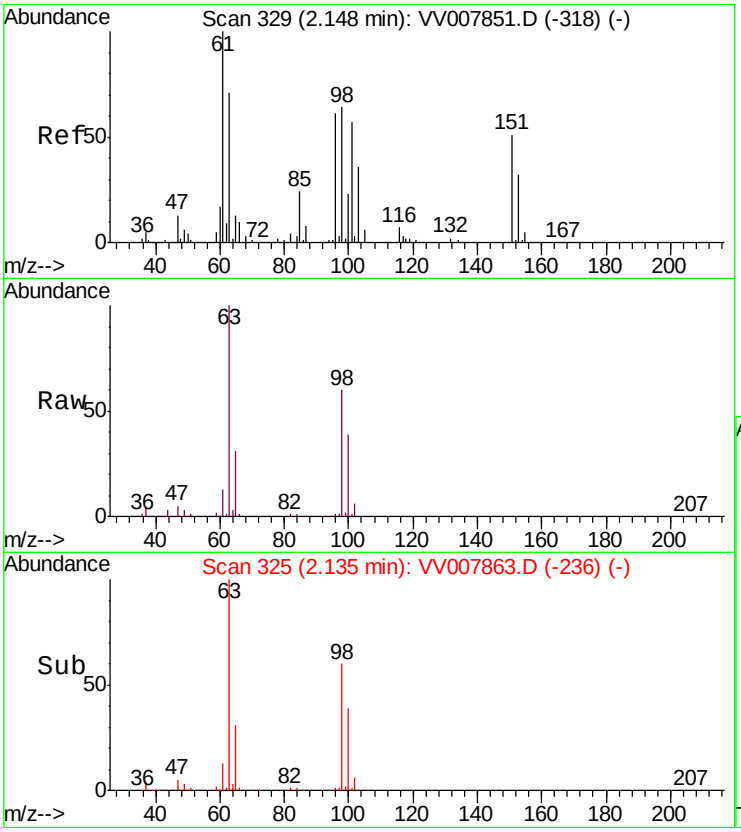


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.694 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Tgt Ion:101 Resp: 915

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.2#
151	0.0	69.7	104.5#



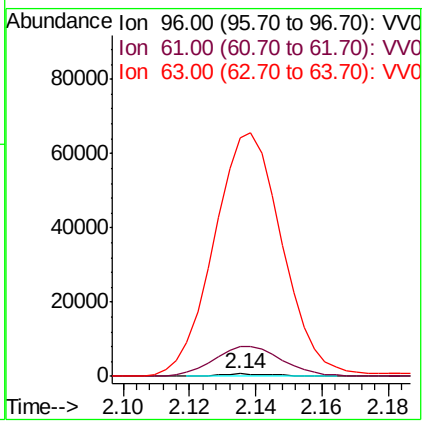


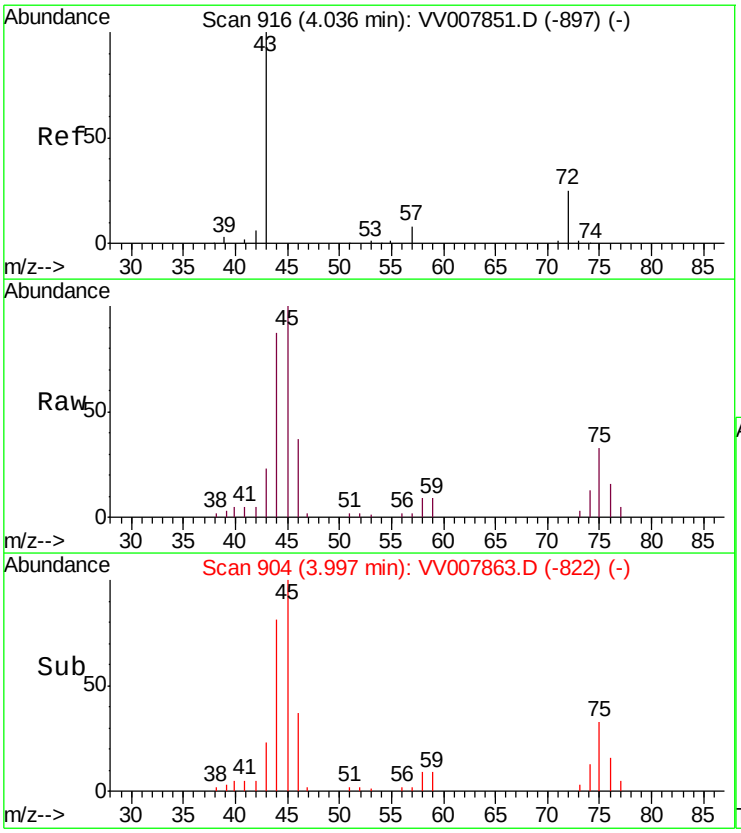
#12
1,1-Dichloroethene
Concen: 0.761 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 96 Resp: 901

Ion	Ratio	Lower	Upper
96	100		
61	1280.1	116.1	215.7#
63	10130.8	86.5	160.7#

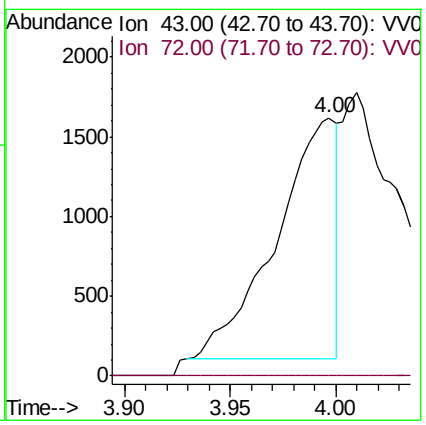


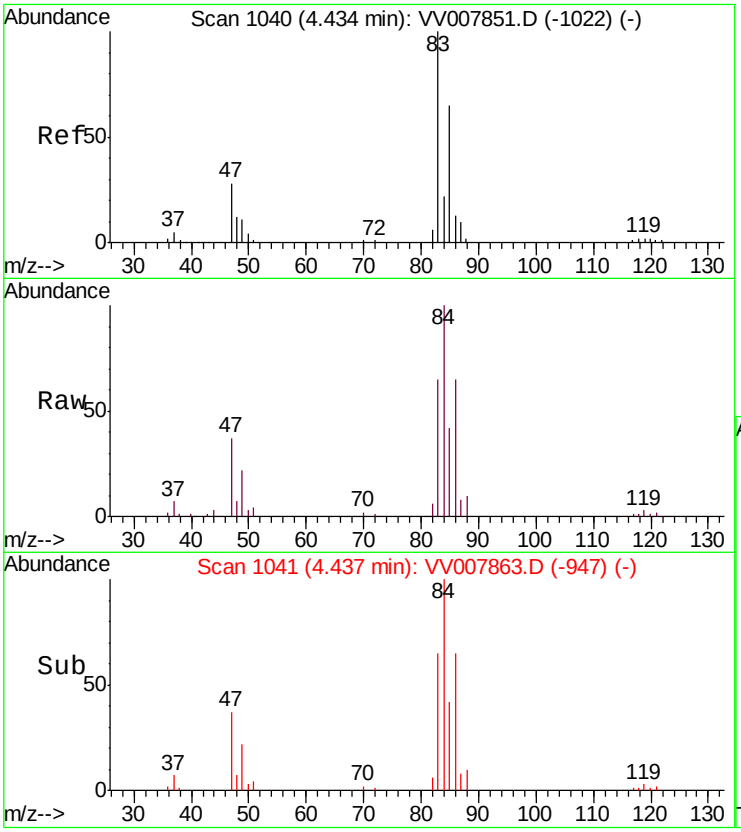


#22
2-Butanone
Concen: 2.674 ug/L
RT: 4.00 min Scan# 904
Delta R.T. -0.04 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Tgt Ion: 43 Resp: 2999

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.4	37.2#



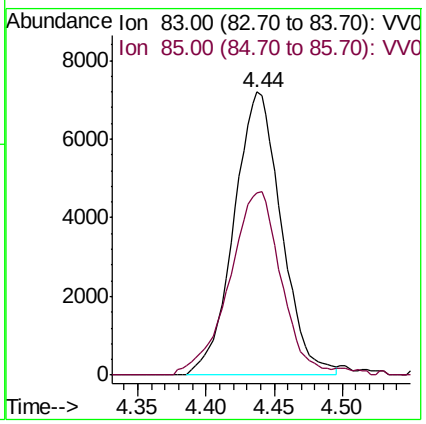


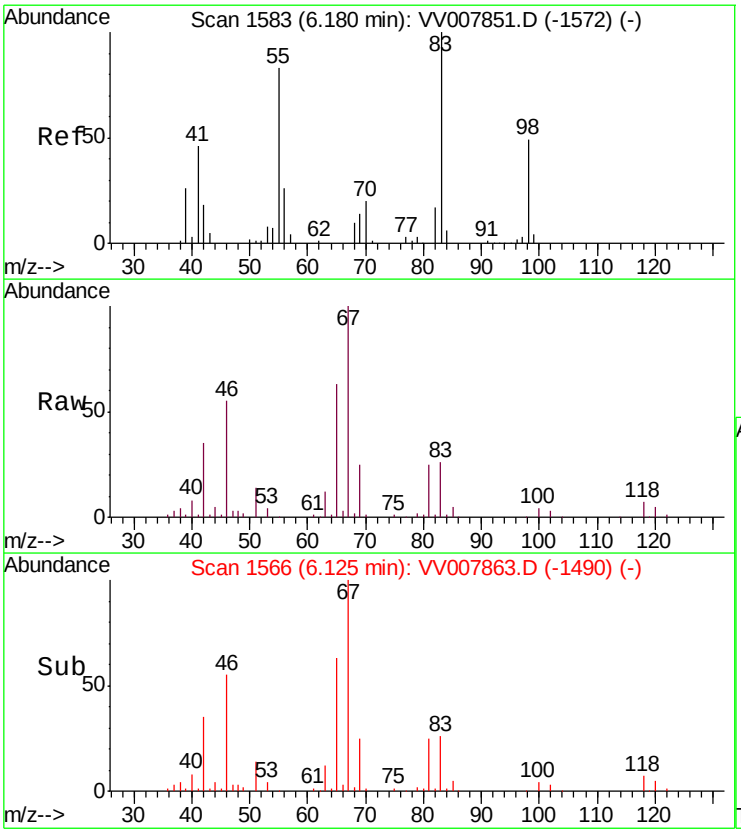
#25
Chloroform
Concen: 6.781 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 17435

Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.9	85.3

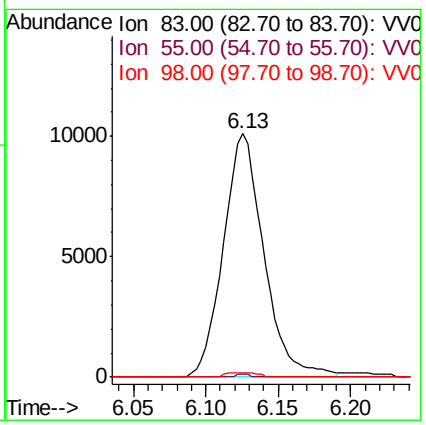


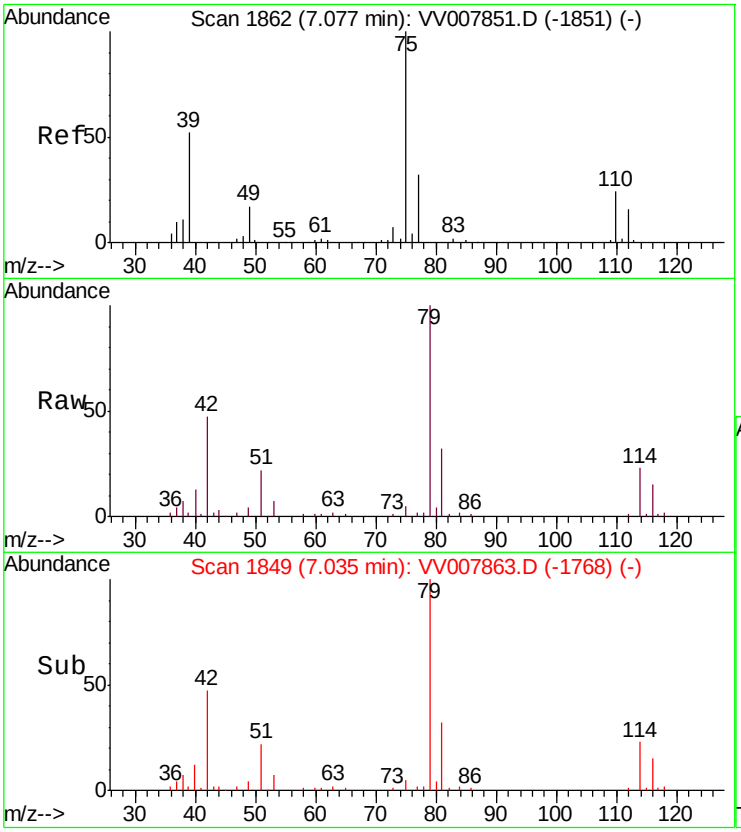


#35
Methylcyclohexane
Concen: 9.120 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Tgt Ion: 83 Resp: 19647

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	1.4	37.6	56.4#



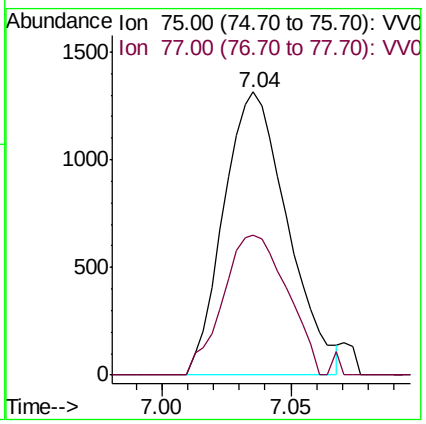


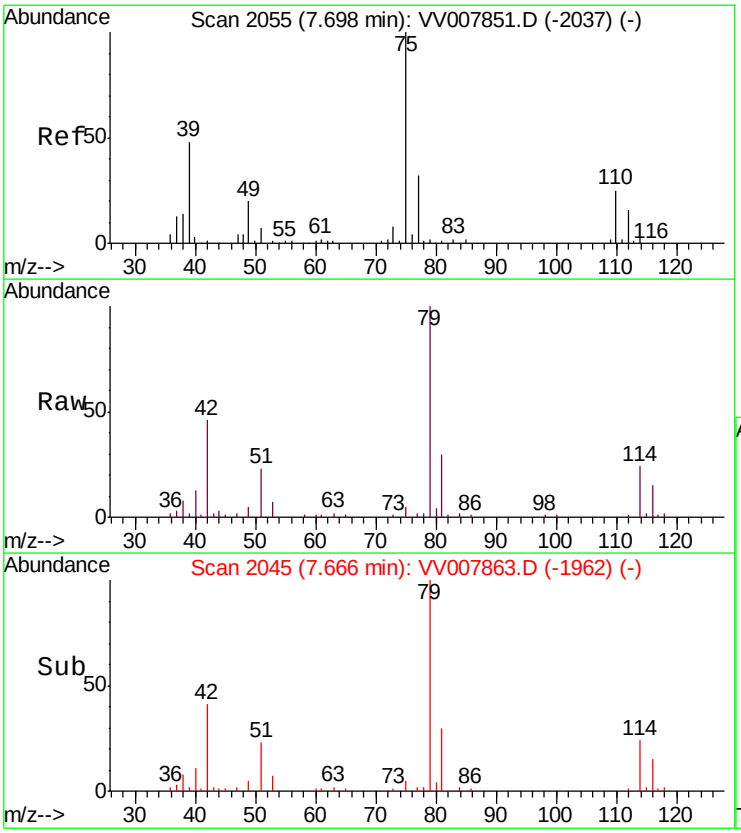
#39
cis-1,3-Dichloropropene
Concen: 1.185 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2271

Ion	Ratio	Lower	Upper
75	100		
77	49.5	22.8	42.4#

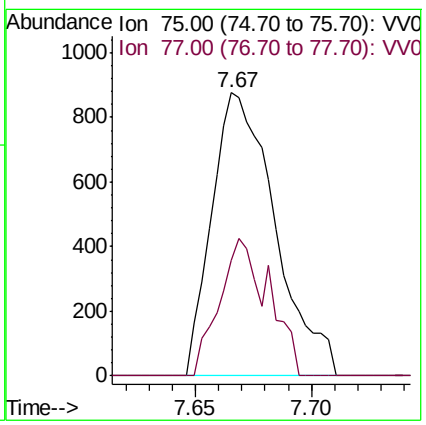


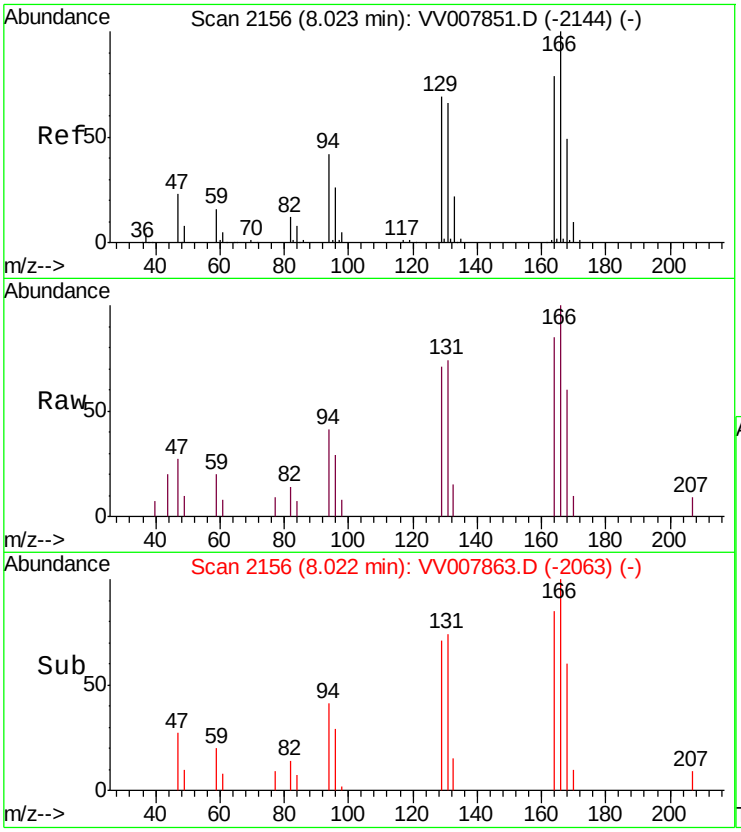


#44
trans-1,3-Dichloropropene
Concen: 0.874 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Tgt Ion: 75 Resp: 1664

Ion	Ratio	Lower	Upper
75	100		
77	40.8	22.5	41.9



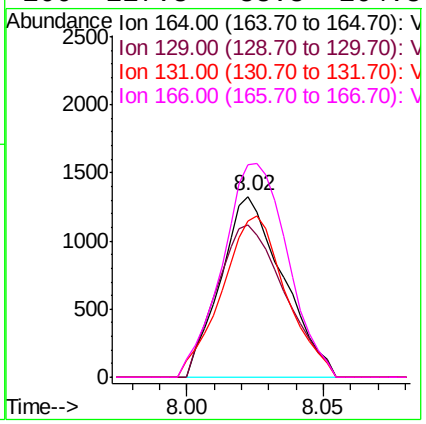


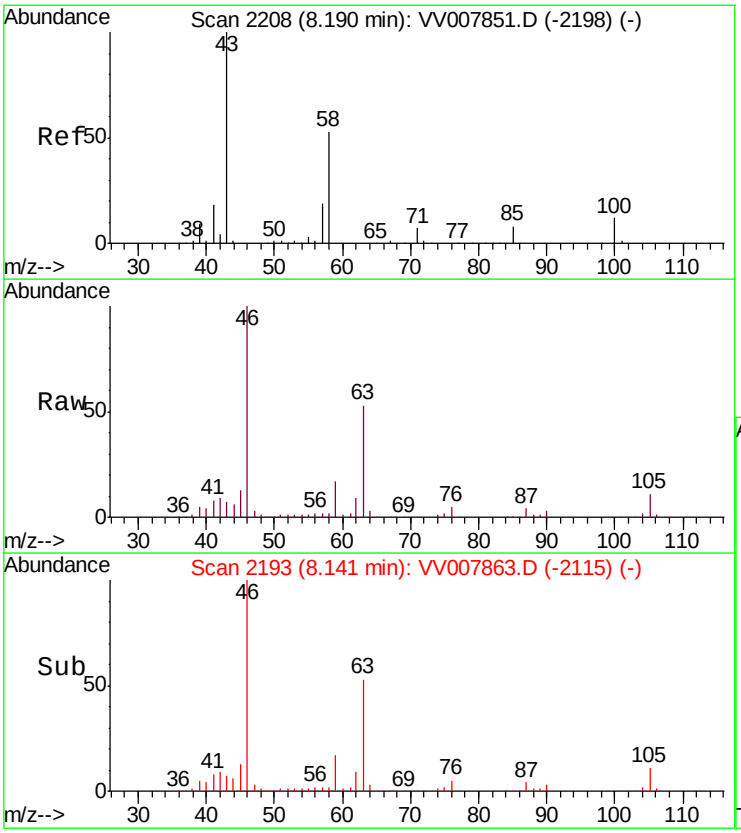
#46
Tetrachloroethene
Concen: 1.600 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.00 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion:164 Resp: 2111

Ion	Ratio	Lower	Upper
164	100		
129	84.2	60.9	113.1
131	86.7	58.8	109.2
166	117.8	88.8	164.8

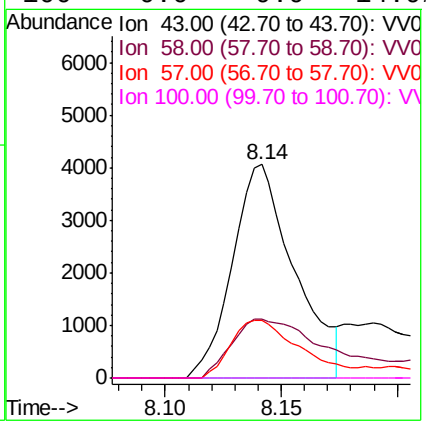


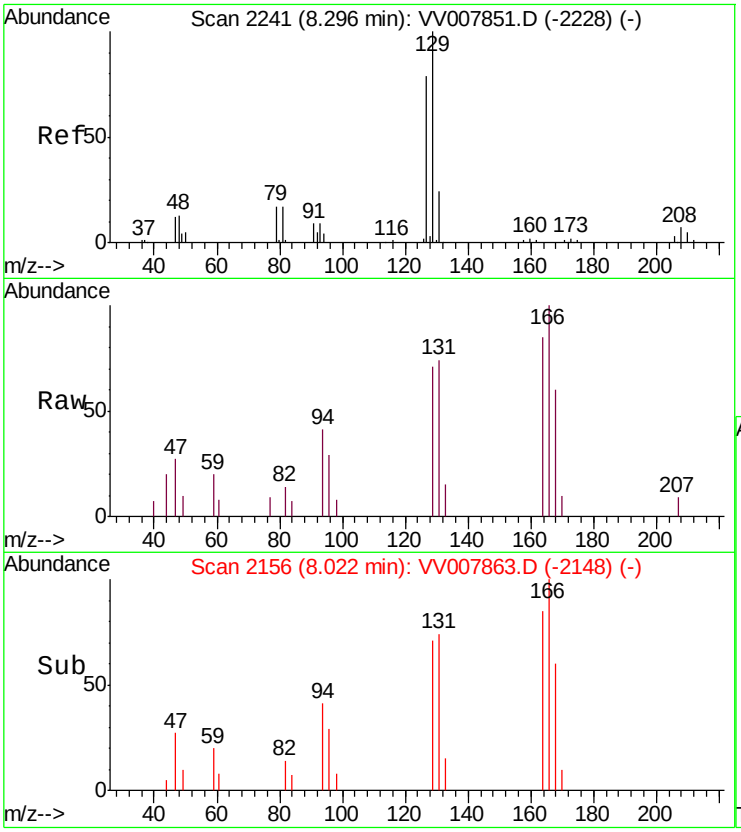


#48
2-Hexanone
Concen: 5.130 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Tgt Ion: 43 Resp: 7564

Ion	Ratio	Lower	Upper
43	100		
58	43.0	41.1	61.7
57	30.1	14.3	21.5#
100	0.0	9.9	14.9#



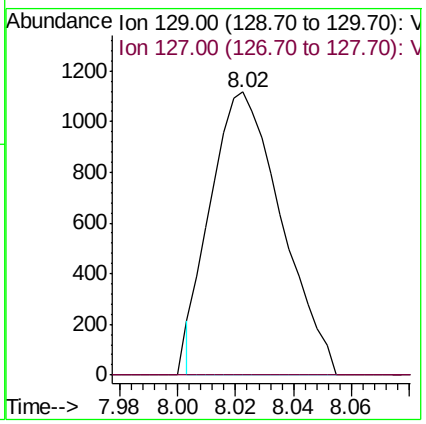


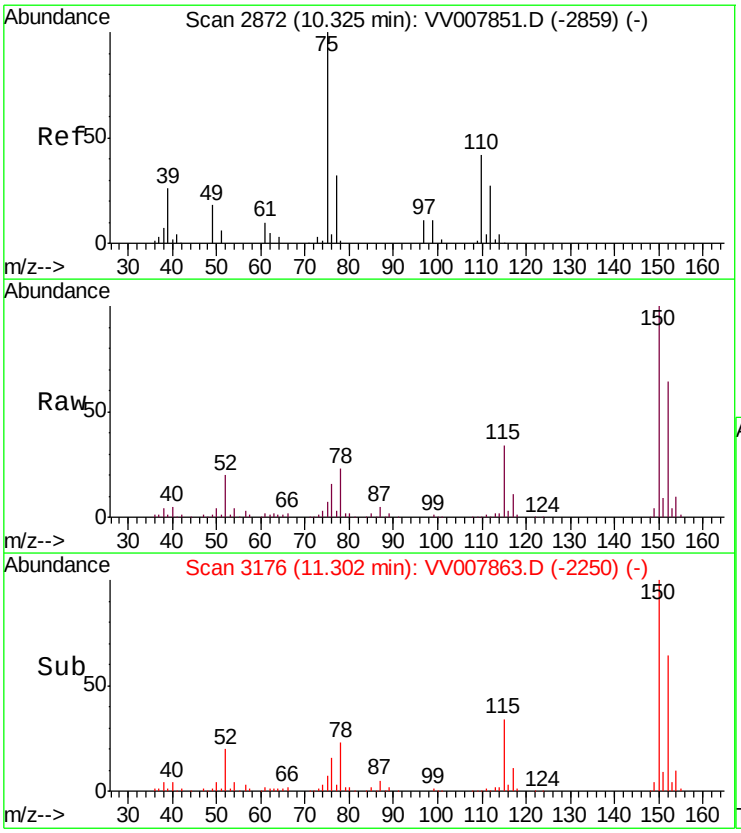
#49
Dibromochloromethane
Concen: 1.309 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion:129 Resp: 1888

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.5	103.1#





#59
1,2,3-Trichloropropane
Concen: 5.815 ug/L
RT: 11.30 min Scan# 3176
Delta R.T. 0.98 min
Lab File: VV007863.D
Acq: 25 Sep 2018 19:16

Tgt Ion: 75 Resp: 10220

Ion	Ratio	Lower	Upper
75	100		
77	38.5	25.8	38.6