Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\

Quantitation Report (Not Reviewed)

Data File : VV008598.D
Acq On : 16 Nov 2018 22:32
Operator : SY/MD
Sample : J5988-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JF2

Quant Time: Nov 17 04:50:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154022	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	138638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61301	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31742	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.58	69	26431	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.13	63	47162	3.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.00%			
20) 2-Butanone-d5	3.98	46	119704	48.90	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.80%			
24) Chloroform-d	4.41	84	86943	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.09	65	47353	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.10	84	176117	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.12	67	56818	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.36	98	163169	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
43) trans-1,3-Dichloropropene-	7.67	79	19927	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.14	63	97236	48.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.52%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	38157	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	55864	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	1674	0.234	ug/L #	1
19) 1,1-Dichloroethane	3.23	63	3258	0.166	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	45846	3.919	ug/L	98
25) Chloroform	4.43	83	4171	0.168	ug/L #	69
31) Carbon tetrachloride	4.87	117	3545	0.238	ug/L	95
34) Trichloroethene	5.96	95	114053	9.817	ug/L	98
35) Methylcyclohexane	6.12	83	13368	0.680	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6249	0.541	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1566	0.101	ug/L #	67
47) Tetrachloroethene	8.02	164	5188	0.617	ug/L	96
48) 2-Hexanone	8.14	43	12740	2.791	ug/L #	73
49) Dibromochloromethane	8.02	129	4954	0.592	ug/L #	10

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

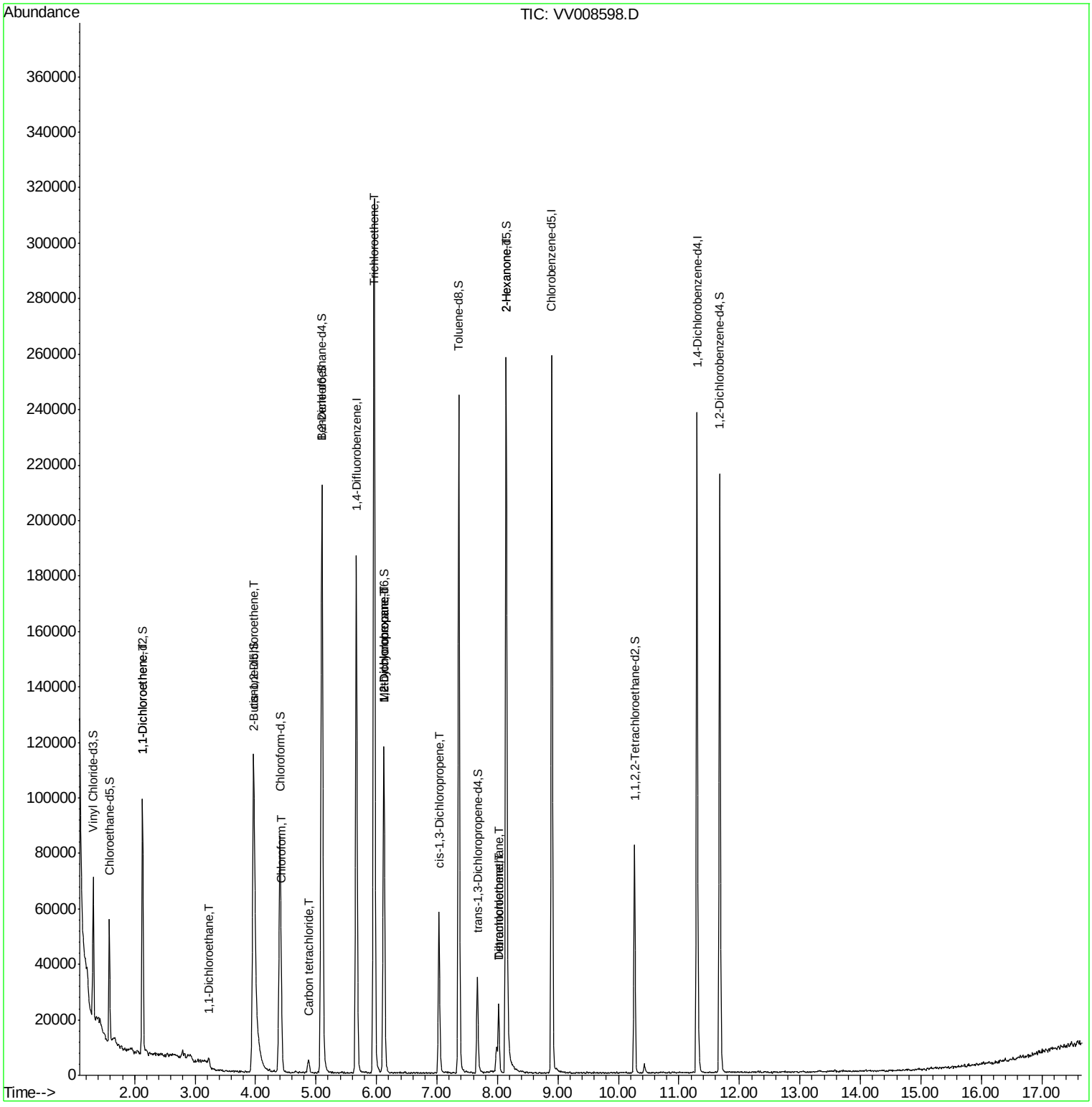
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\

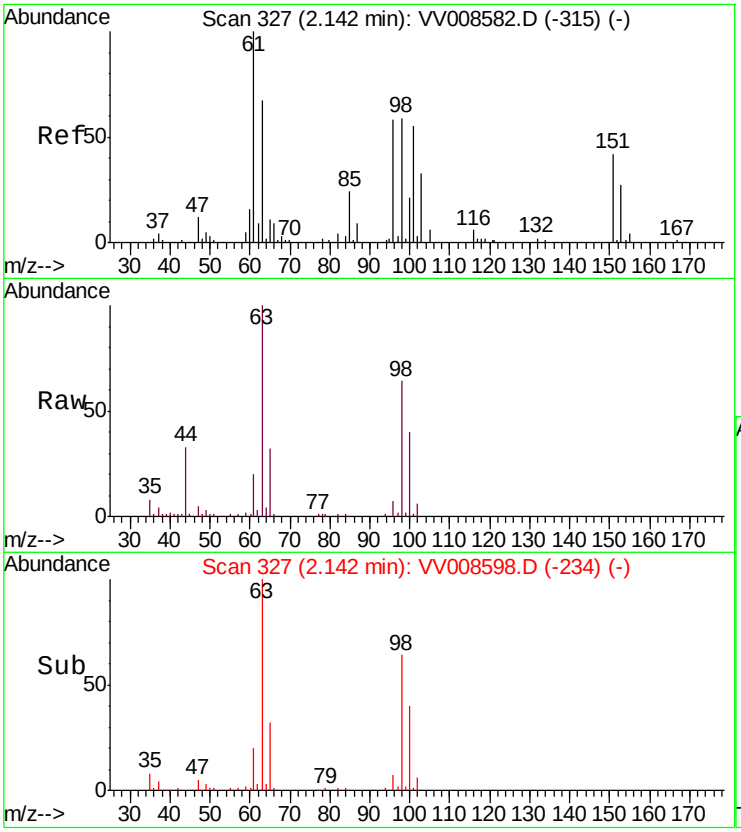
Quantitation Report (Not Reviewed)

Data File : VV008598.D
Acq On : 16 Nov 2018 22:32
Operator : SY/MD
Sample : J5988-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JF2

Quant Time: Nov 17 04:50:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration



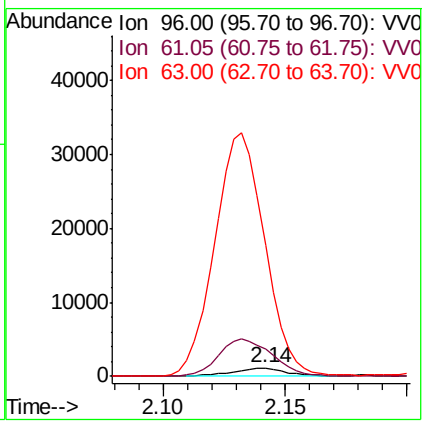


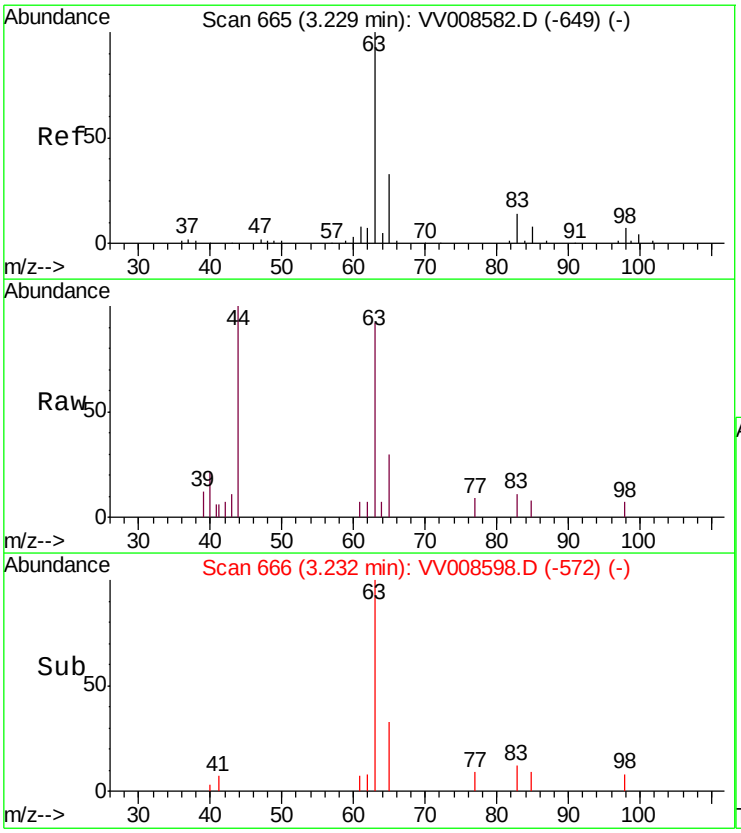
#12
1,1-Dichloroethene
Concen: 0.234 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Instrument :
MSVOA_V
ClientSampleId :
C0JF2

Tgt Ion: 96 Resp: 1674

Ion	Ratio	Lower	Upper
96	100		
61	308.9	120.3	223.5#
63	1517.7	82.5	153.3#

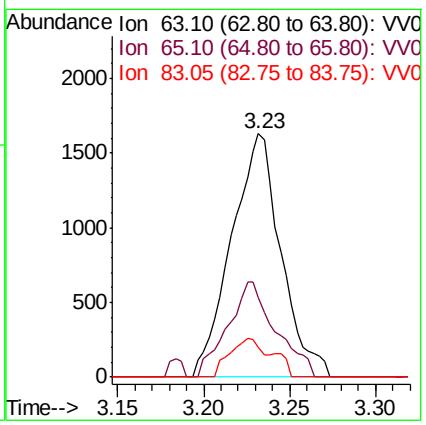


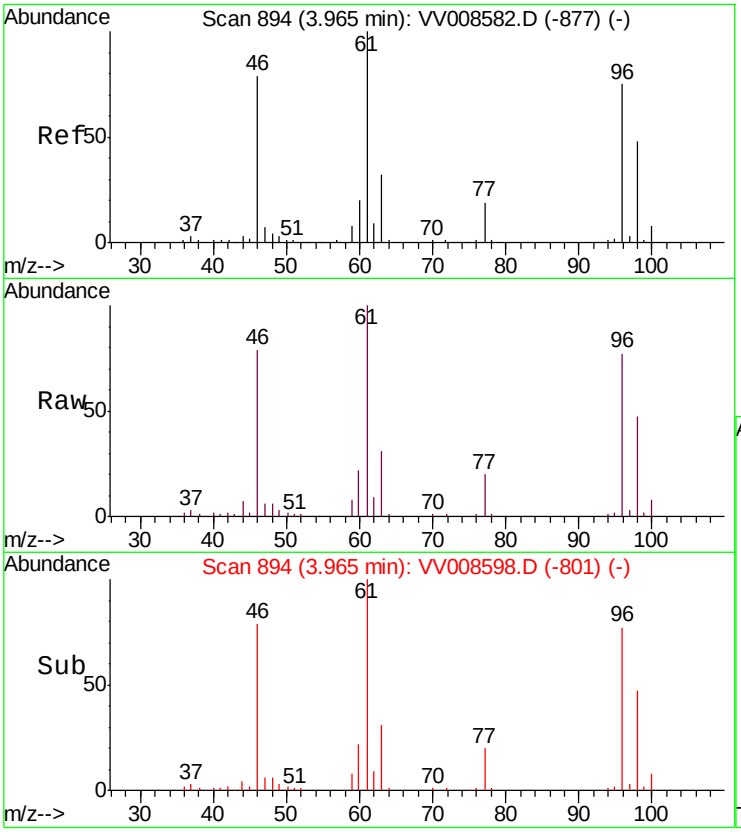


#19
1,1-Dichloroethane
Concen: 0.166 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Tgt Ion: 63 Resp: 3258

Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.2	43.0
83	12.1	9.5	17.7



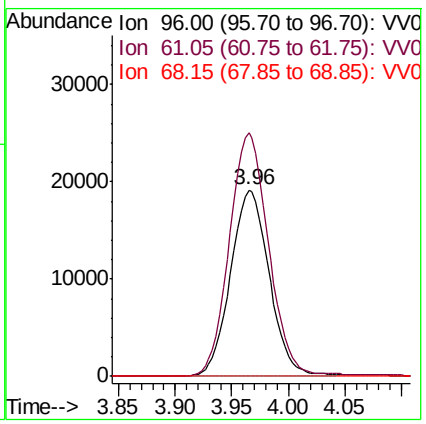


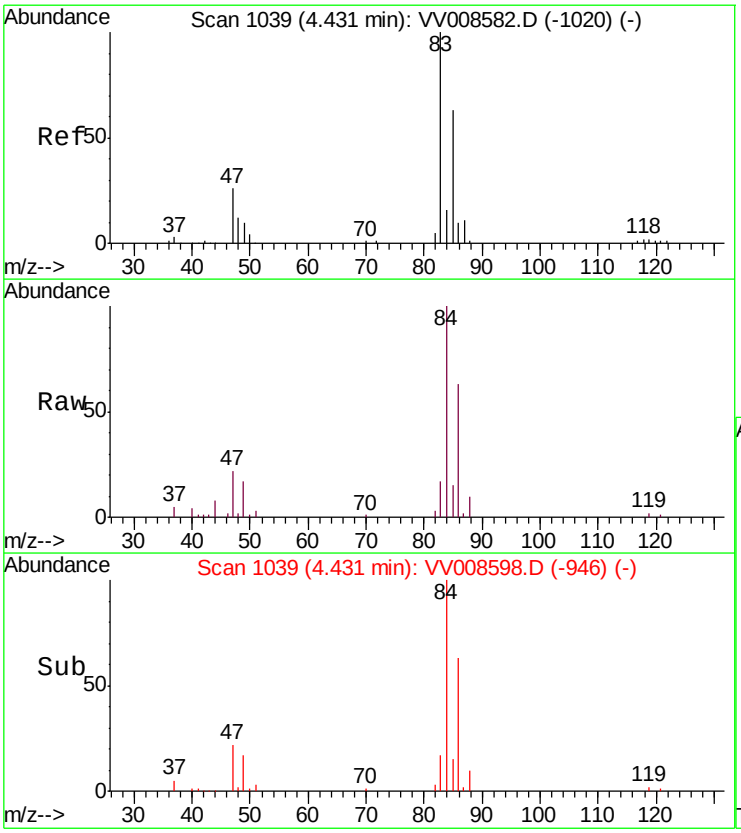
#22
cis-1,2-Dichloroethene
Concen: 3.919 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Instrument :
MSVOA_V
ClientSampleId :
C0JF2

Tgt Ion: 96 Resp: 45846

Ion	Ratio	Lower	Upper
96	100		
61	130.5	93.2	173.2
68	0.0	0.0	0.0

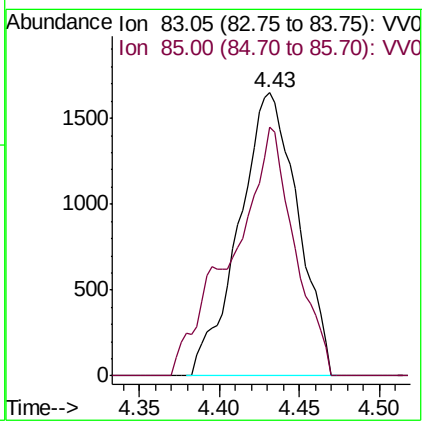


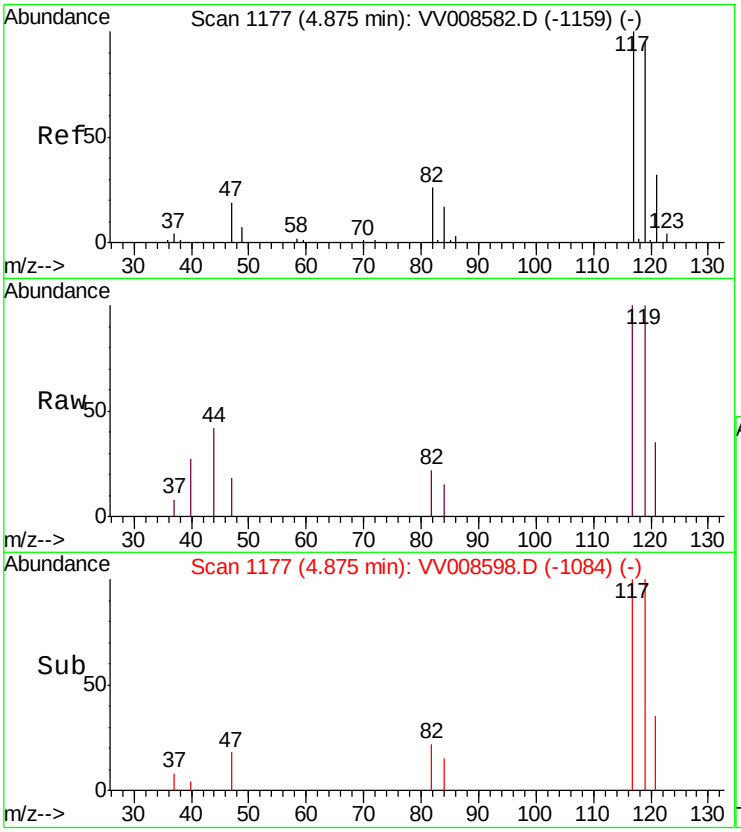


#25
Chloroform
Concen: 0.168 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Tgt Ion: 83 Resp: 4171

Ion	Ratio	Lower	Upper
83	100		
85	87.9	44.4	82.5#



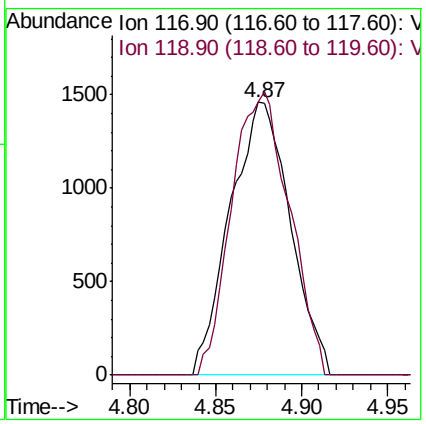


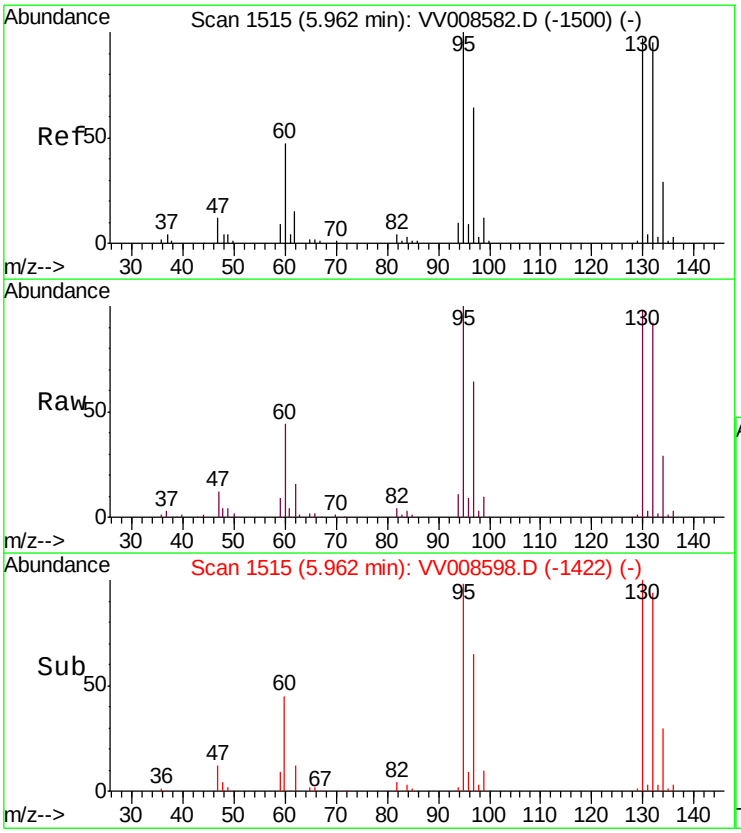
#31
Carbon tetrachloride
Concen: 0.238 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Instrument : MSVOA_V
ClientSampleId : C0JF2

Tgt Ion:117 Resp: 3545

Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.8	113.8

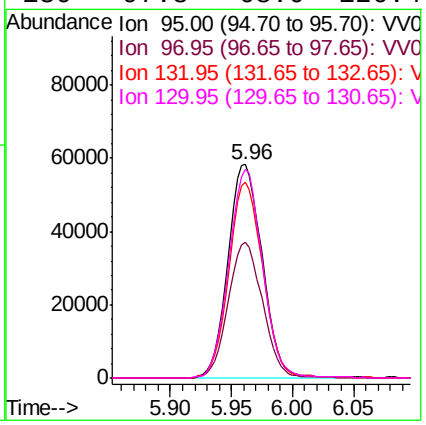


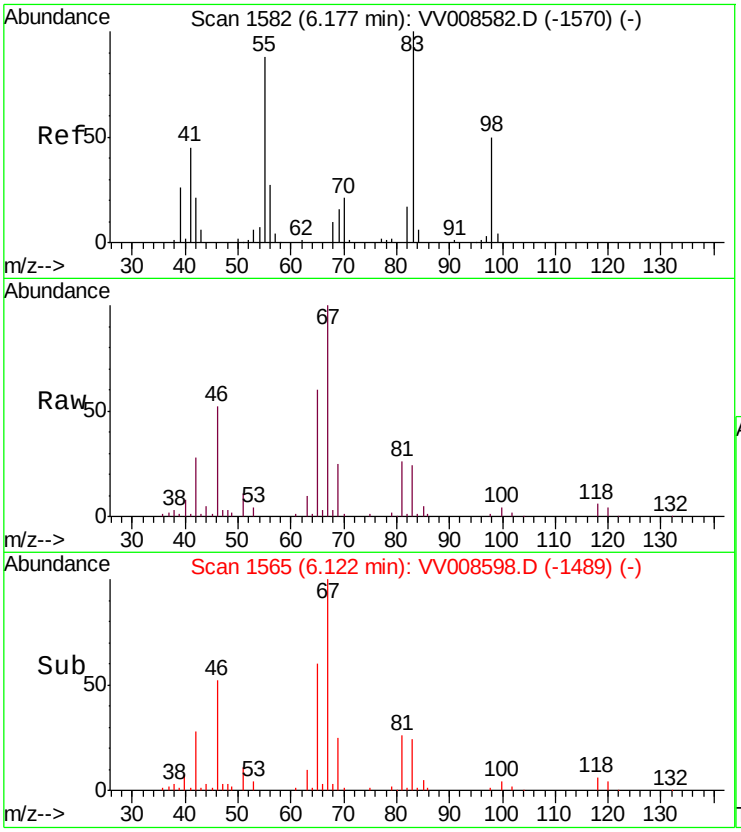


#34
Trichloroethene
Concen: 9.817 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Tgt Ion: 95 Resp: 114053

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.1	83.7
132	91.6	66.3	123.1
130	97.8	68.0	126.4



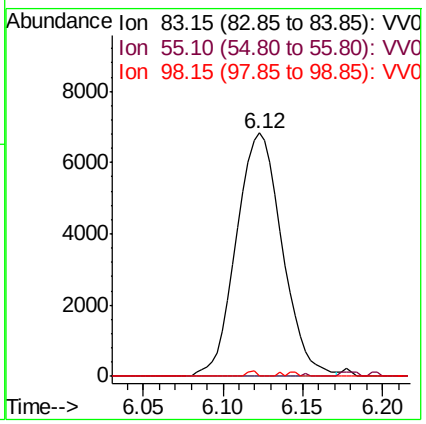


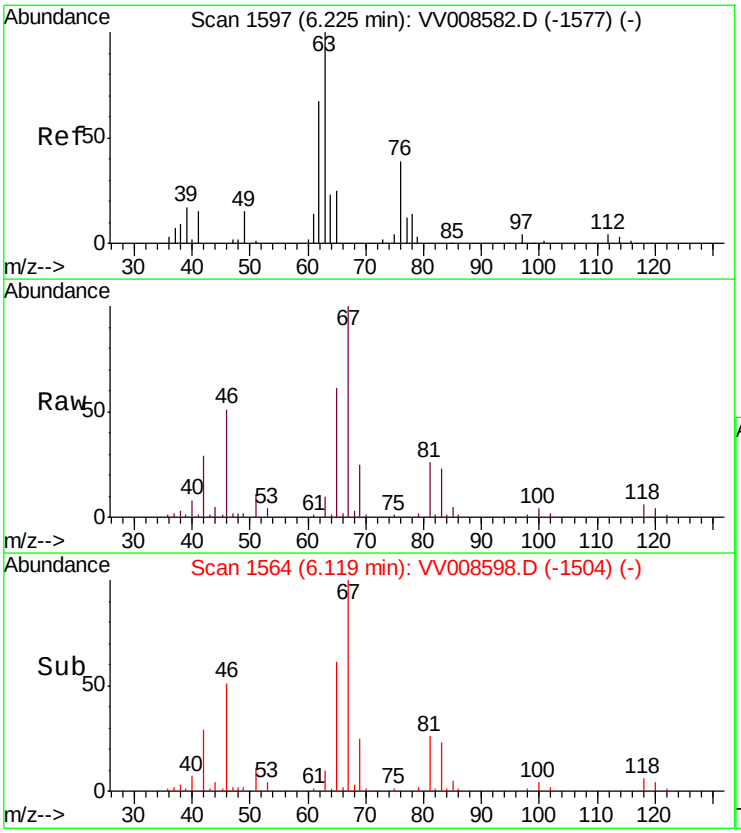
#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Instrument : MSVOA_V
ClientSampleId : C0JF2

Tgt Ion: 83 Resp: 13368

Ion	Ratio	Lower	Upper
83	100		
55	0.1	65.6	98.4#
98	0.0	36.4	54.6#

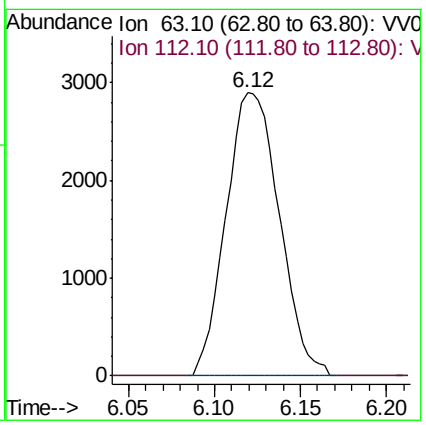


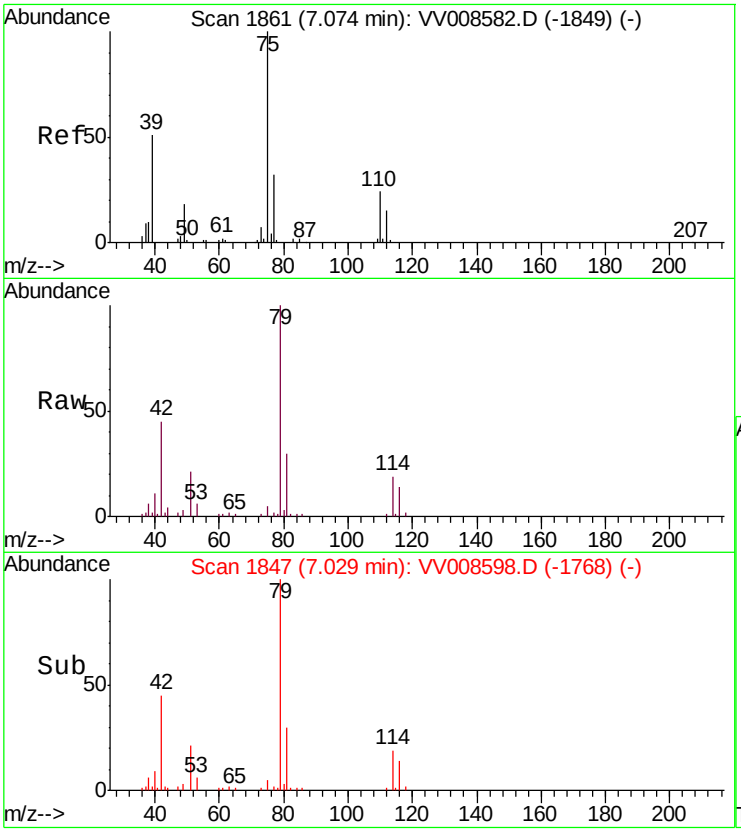


#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Tgt Ion: 63 Resp: 6249

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#



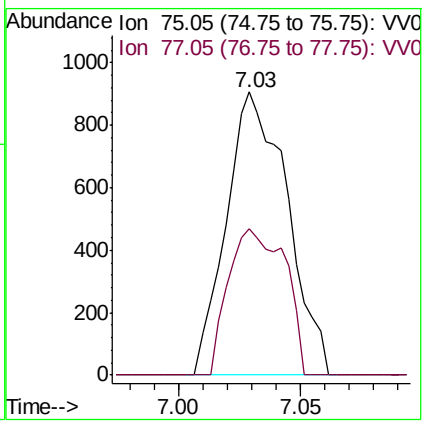


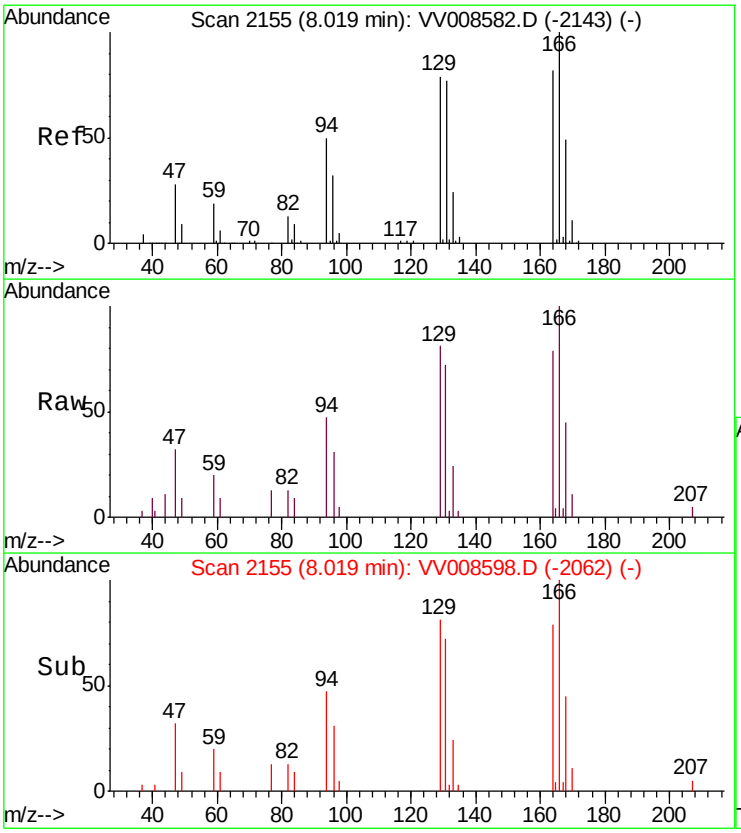
#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Instrument :
MSVOA_V
ClientSampleId :
C0JF2

Tgt Ion: 75 Resp: 1566

Ion	Ratio	Lower	Upper
75	100		
77	51.7	23.0	42.8#

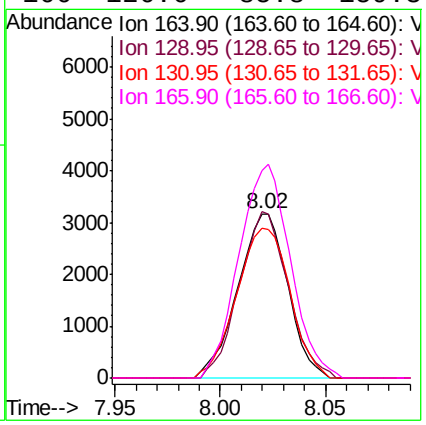


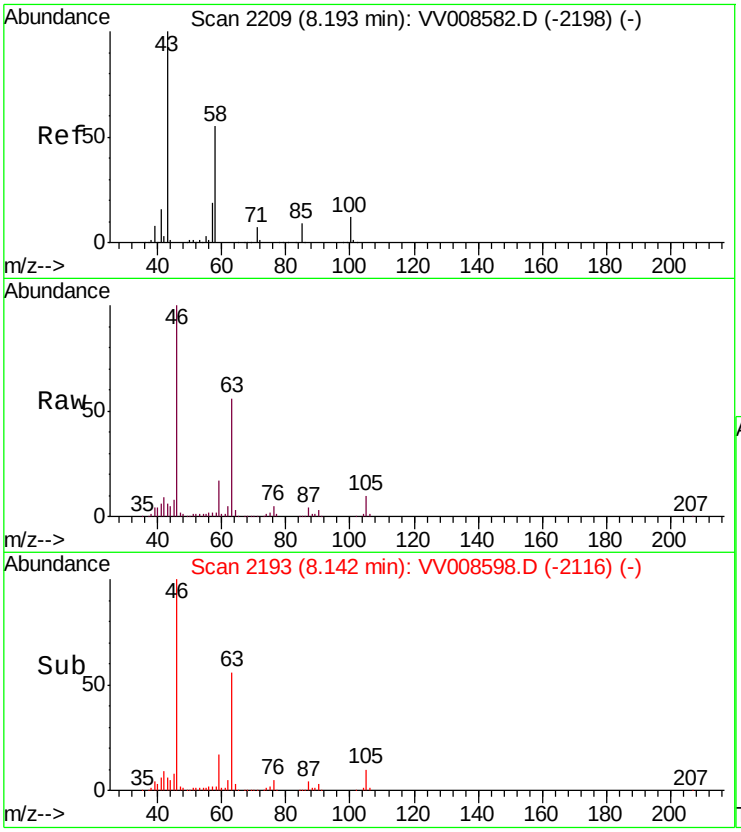


#47
Tetrachloroethene
Concen: 0.617 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Tgt Ion:164 Resp: 5188

Ion	Ratio	Lower	Upper
164	100		
129	101.9	67.5	125.4
131	91.3	66.4	123.4
166	126.6	85.8	159.3



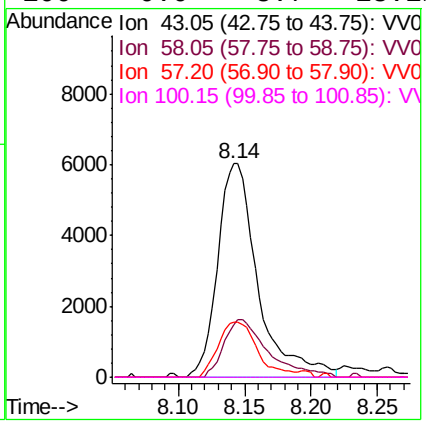


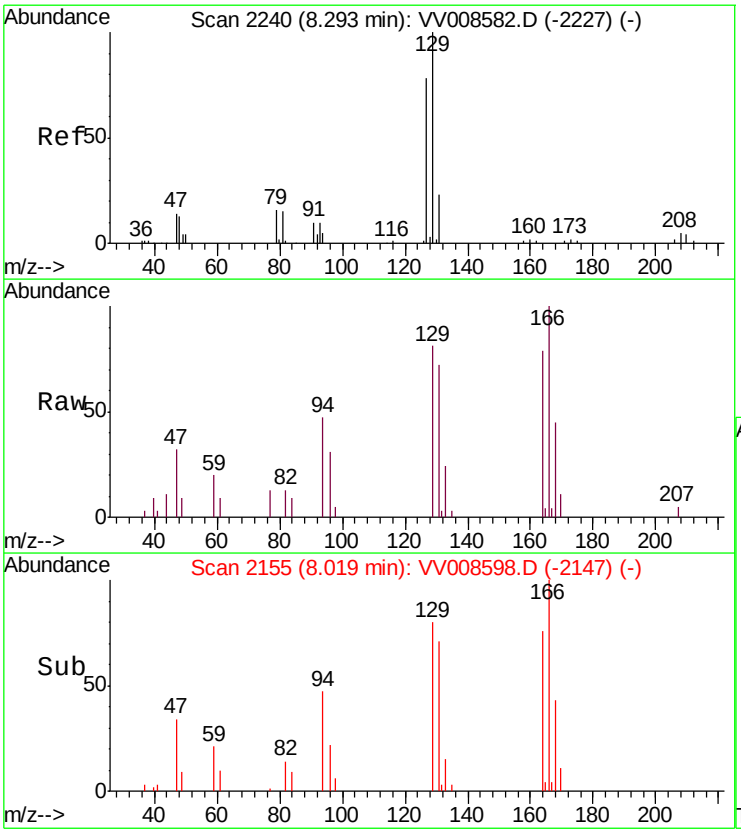
#48
2-Hexanone
Concen: 2.791 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Instrument : MSVOA_V
ClientSampleId : C0JF2

Tgt Ion: 43 Resp: 12740

Ion	Ratio	Lower	Upper
43	100		
58	29.6	41.8	62.8#
57	25.1	15.4	23.0#
100	0.0	8.7	13.1#





#49
Dibromochloromethane
Concen: 0.592 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008598.D
Acq: 16 Nov 2018 22:32

Tgt Ion:129 Resp: 4954

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.6	101.4#