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

Quantitation Report (Not Reviewed)

Data File : VV007860.D
Acq On : 25 Sep 2018 18:01
Operator : SY/MD
Sample : J5043-17DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E5FF7DL

Quant Time: Sep 26 04:59:57 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	192271	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187073	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94263	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54560	45.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.54%			
7) Chloroethane-d5	1.59	69	50069	48.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.14	63	92446	36.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.00%			
21) 2-Butanone-d5	3.96	46	59913	73.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 73.76%			
24) Chloroform-d	4.41	84	108970	43.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.06%			
26) 1,2-Dichloroethane-d4	5.09	65	86929	48.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.38%			
32) Benzene-d6	5.11	84	243154	48.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.06%			
36) 1,2-Dichloropropane-d6	6.13	67	76998	49.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.16%			
41) Toluene-d8	7.36	98	235938	46.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.44%			
43) trans-1,3-Dichloropropene-	7.67	79	33387	44.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.40%			
47) 2-Hexanone-d5	8.14	63	62703	94.64	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.64%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	105459	45.54	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.08%			
64) 1,2-Dichlorobenzene-d4	11.68	152	101841	48.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.20%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	2.14	101	938	0.398	ug/L #	32
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	938	0.712	ug/L #	15
12) 1,1-Dichloroethene	2.14	96	790	0.668	ug/L #	1
16) Methylene chloride	2.54	84	1686	1.288	ug/L	94
17) trans-1,2-Dichloroethene	2.80	96	793	0.628	ug/L	78
20) cis-1,2-Dichloroethene	3.97	96	78584	57.465	ug/L	97
22) 2-Butanone	3.98	43	2618	2.335	ug/L	94
25) Chloroform	4.44	83	12661	4.925	ug/L	98
33) Benzene	5.11	78	2101	0.418	ug/L	100
34) Trichloroethene	5.96	95	43762	31.361	ug/L	98
35) Methylcyclohexane	6.13	83	18886	8.627	ug/L #	19
37) 1,2-Dichloropropane	6.13	63	9266	6.907	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2286	1.174	ug/L	88
44) trans-1,3-Dichloropropene	7.67	75	1583	0.818	ug/L #	72
45) 1,1,2-Trichloroethane	8.02	97	638	0.476	ug/L #	18
46) Tetrachloroethene	8.02	164	87020	64.898	ug/L	99
48) 2-Hexanone	8.14	43	8700	5.806	ug/L #	71

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

Quantitation Report (Not Reviewed)

Data File : VV007860.D
Acq On : 25 Sep 2018 18:01
Operator : SY/MD
Sample : J5043-17DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E5FF7DL

Quant Time: Sep 26 04:59:57 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)
49) Dibromochloromethane	8.02	129	70634	48.184	ug/L	#	10
58) 1,1,2,2-Tetrachloroethane	10.27	83	757	0.346	ug/L	#	1

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

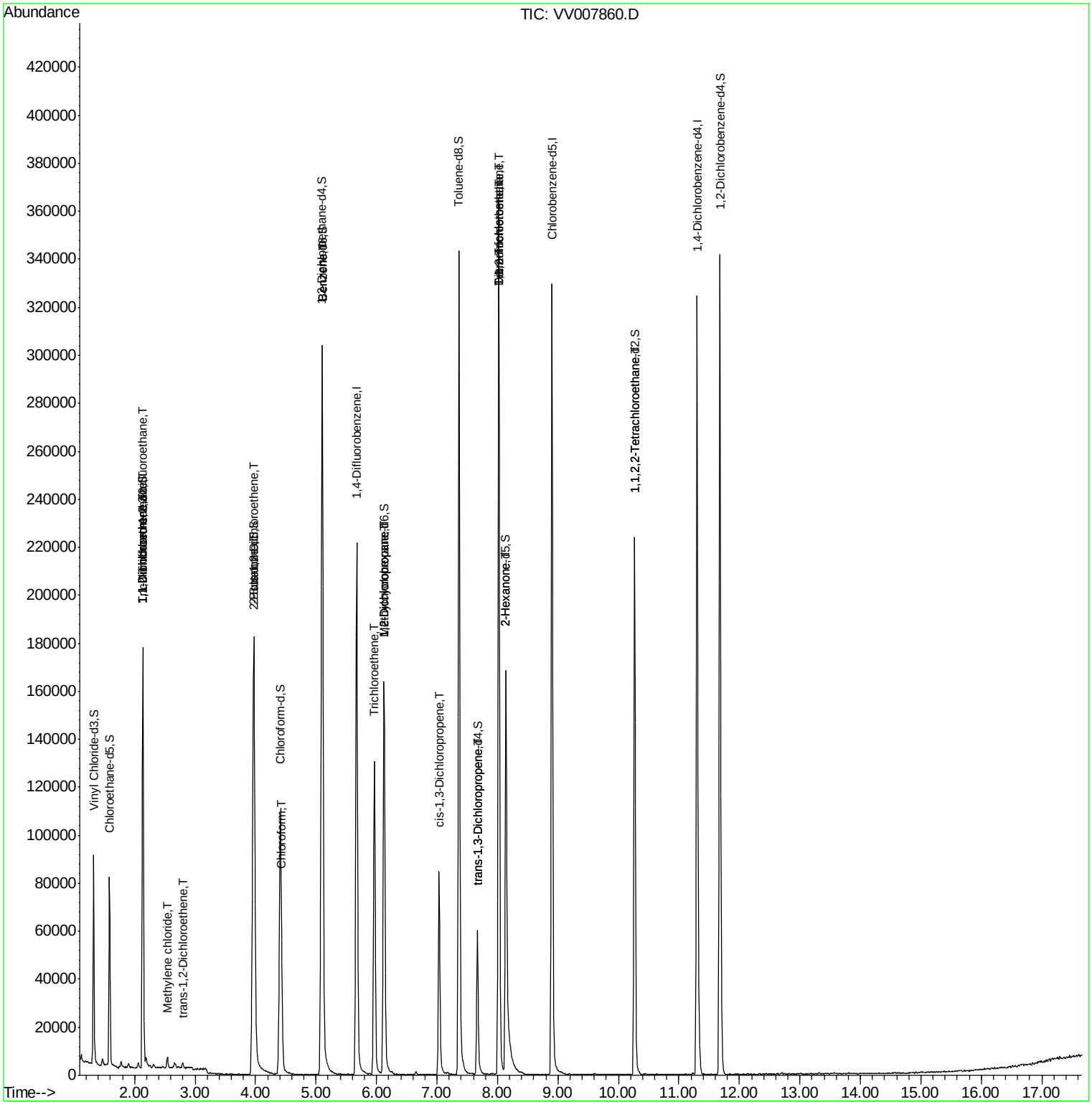
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092518\

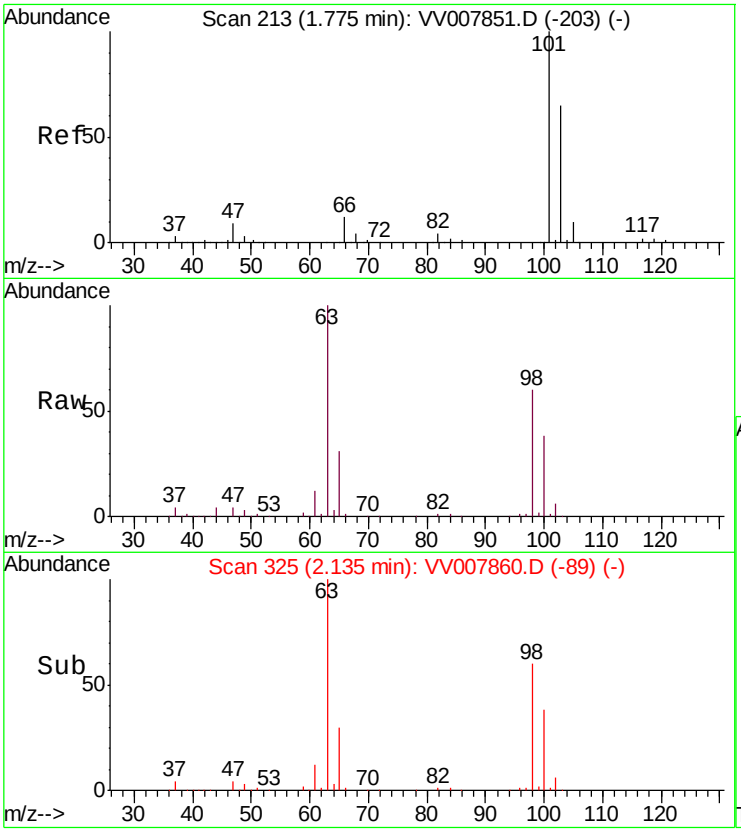
Quantitation Report (Not Reviewed)

Data File : VV007860.D
Acq On : 25 Sep 2018 18:01
Operator : SY/MD
Sample : J5043-17DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E5FF7DL

Quant Time: Sep 26 04:59:57 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



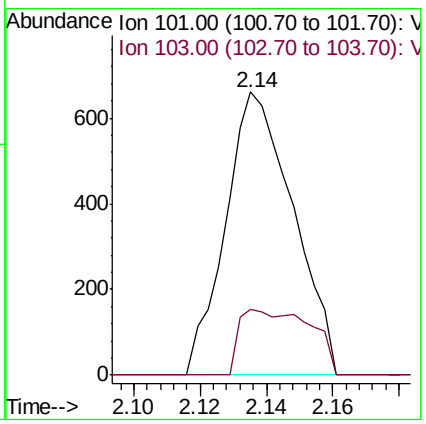


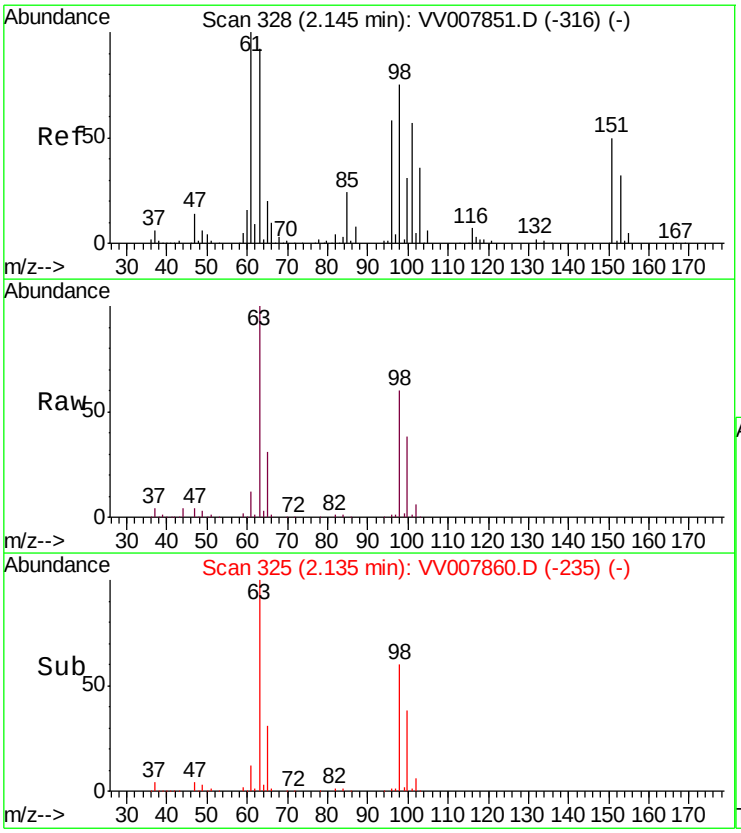
#9
Trichlorofluoromethane
Concen: 0.398 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.36 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Instrument :
MSVOA_V
ClientSampleId :
E5FF7DL

Tgt Ion:101 Resp: 938

Ion	Ratio	Lower	Upper
101	100		
103	11.8	52.4	78.6#

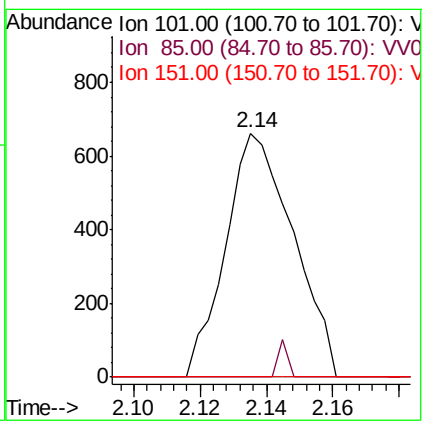


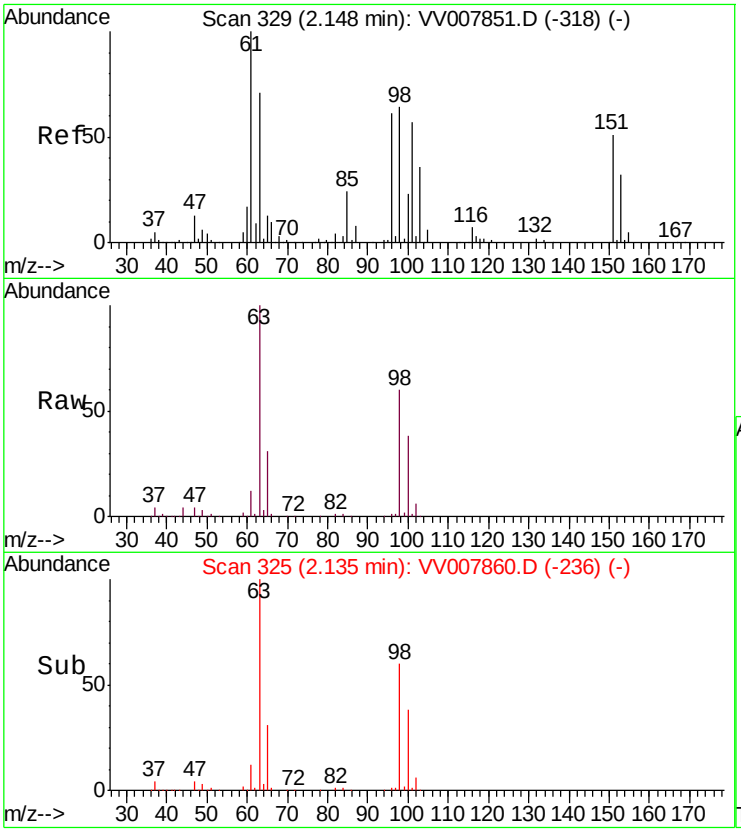


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.712 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Tgt Ion:101 Resp: 938

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



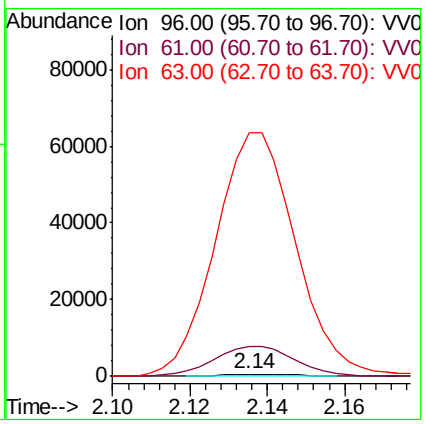


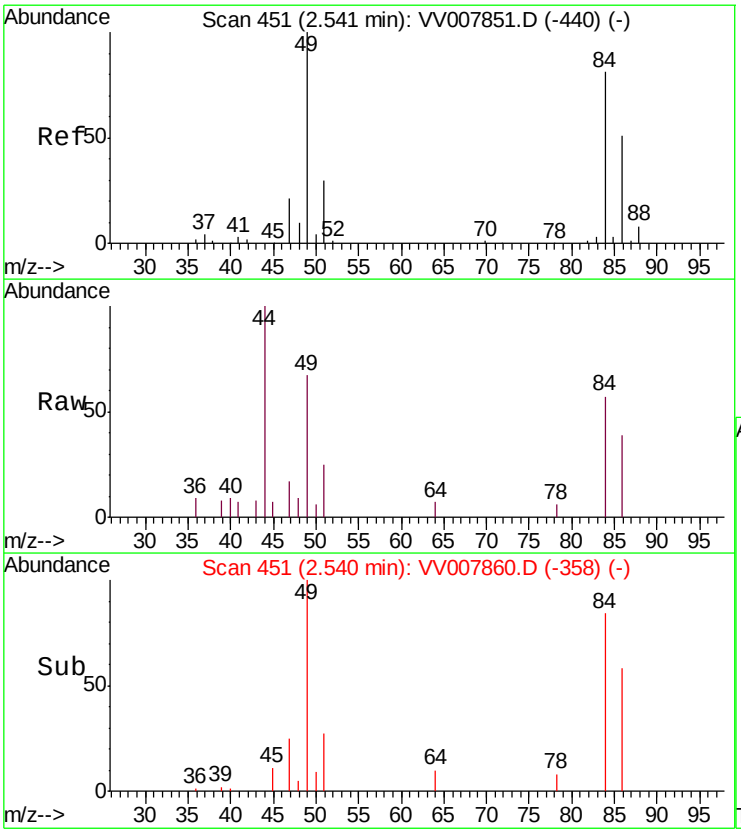
#12
1,1-Dichloroethene
Concen: 0.668 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Instrument : MSVOA_V
ClientSampleId : E5FF7DL

Tgt Ion: 96 Resp: 790

Ion	Ratio	Lower	Upper
96	100		
61	1385.3	116.1	215.7#
63	11099.3	86.5	160.7#

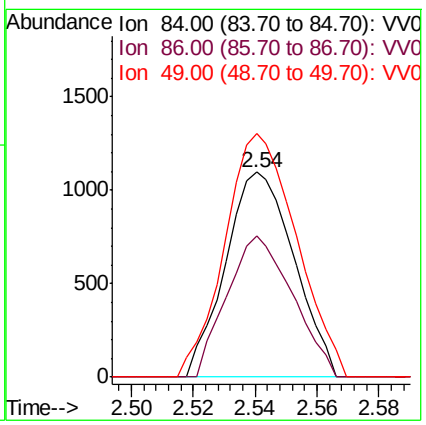


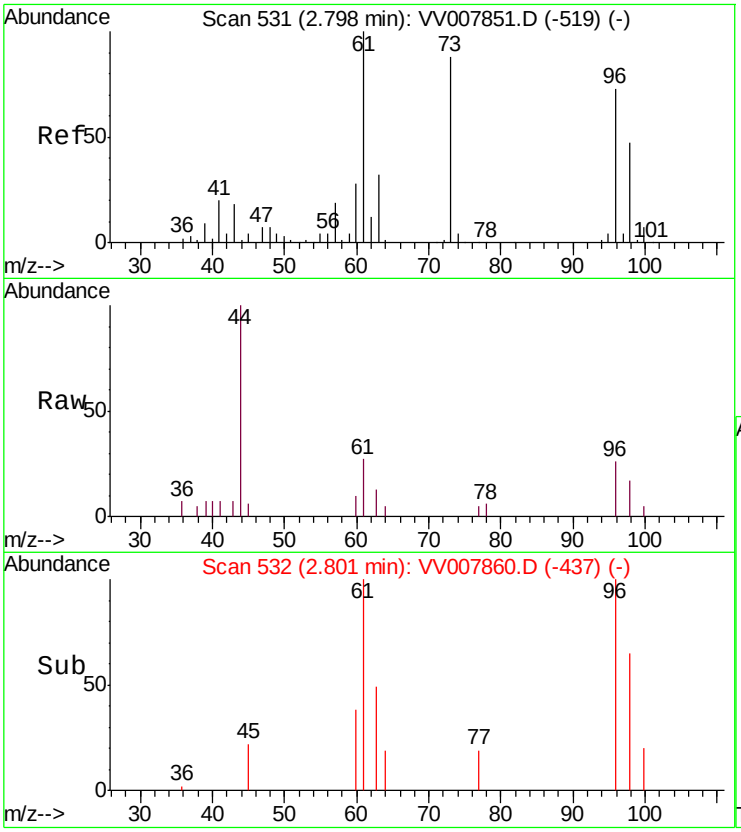


#16
Methylene chloride
Concen: 1.288 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Tgt Ion: 84 Resp: 1686

Ion	Ratio	Lower	Upper
84	100		
86	69.2	44.4	82.4
49	118.8	86.8	161.2



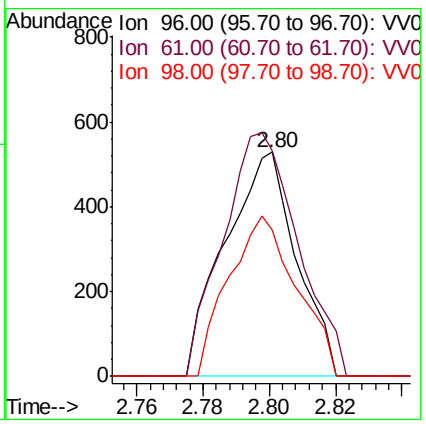


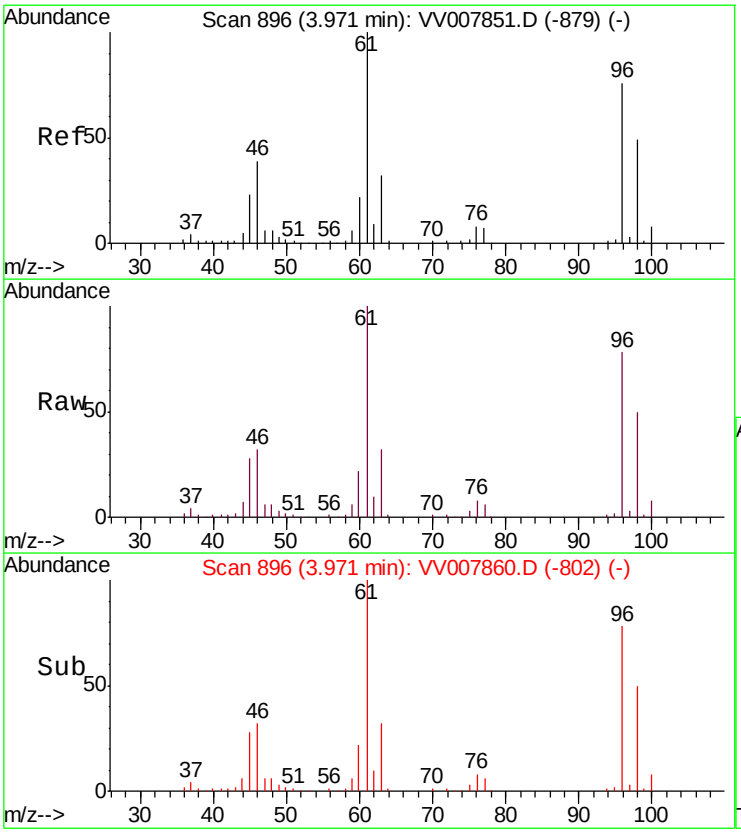
#17
trans-1,2-Dichloroethene
Concen: 0.628 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.01 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Instrument : MSVOA_V
ClientSampleId : E5FF7DL

Tgt Ion: 96 Resp: 793

Ion	Ratio	Lower	Upper
96	100		
61	100.4	96.8	179.8
98	65.0	44.9	83.3

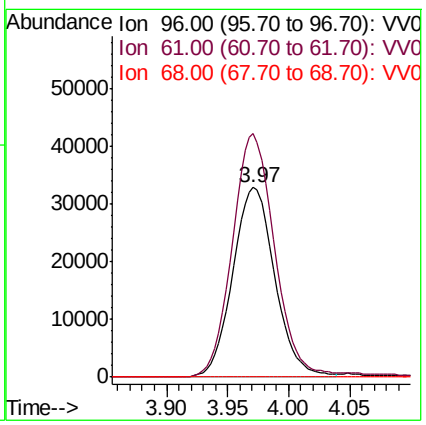


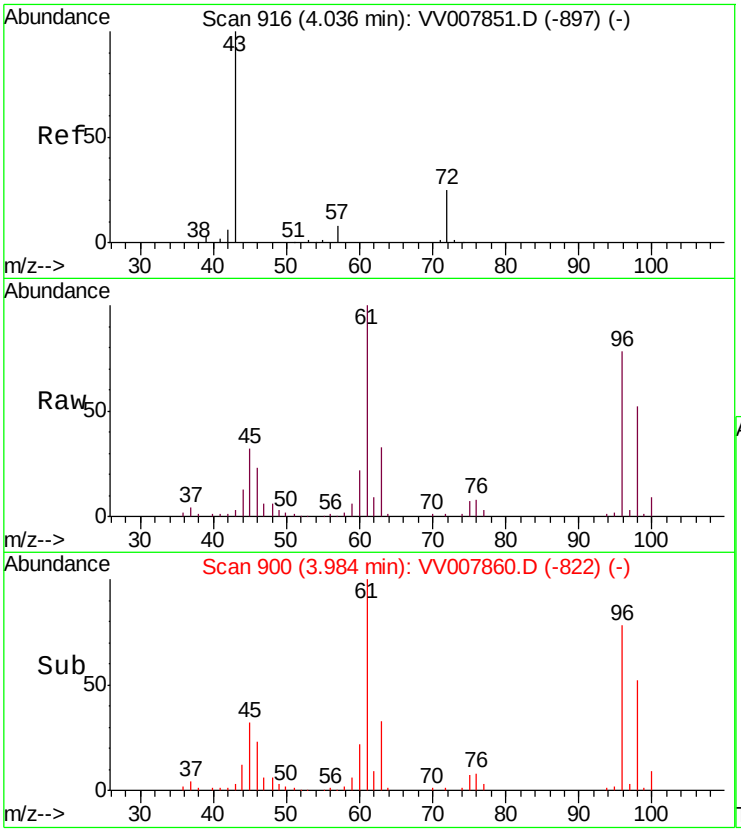


#20
cis-1,2-Dichloroethene
Concen: 57.465 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.00 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Tgt Ion: 96 Resp: 78584

Ion	Ratio	Lower	Upper
96	100		
61	128.6	92.6	172.0
68	0.0	0.0	0.0



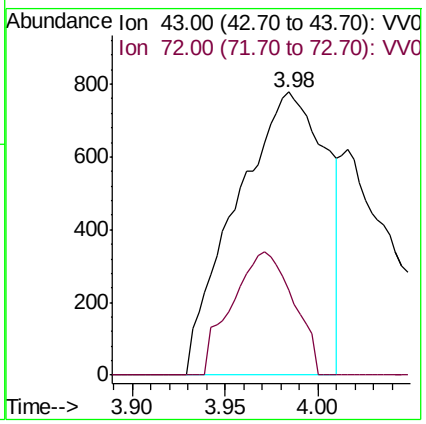


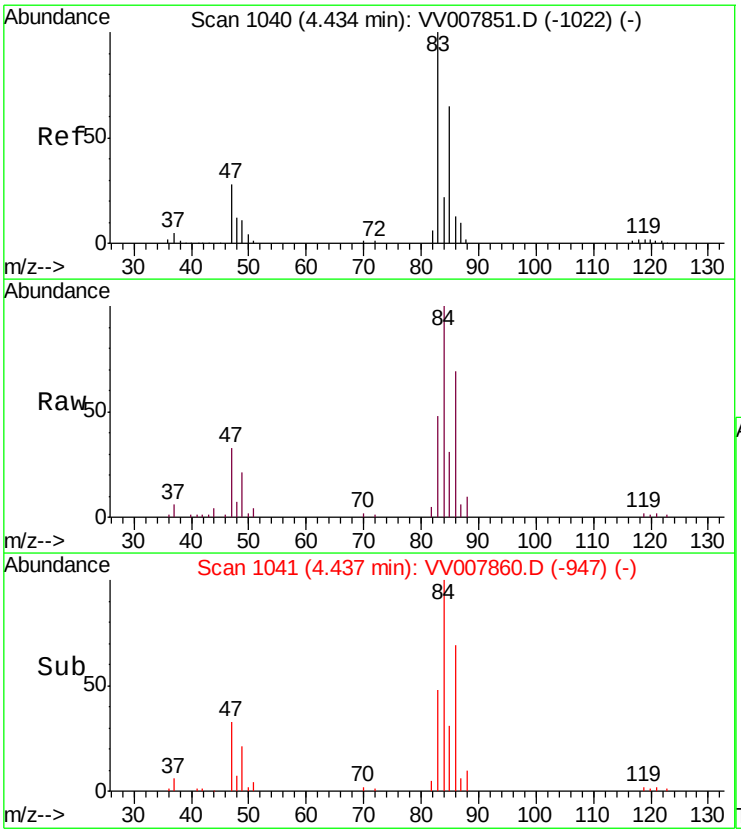
#22
2-Butanone
Concen: 2.335 ug/L
RT: 3.98 min Scan# 900
Delta R.T. -0.05 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Instrument :
MSVOA_V
ClientSampleId :
E5FF7DL

Tgt Ion: 43 Resp: 2618

Ion	Ratio	Lower	Upper
43	100		
72	27.9	12.4	37.2

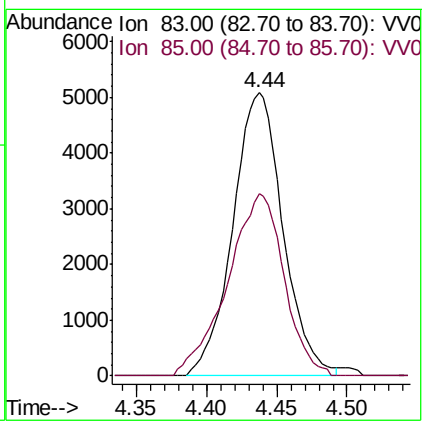


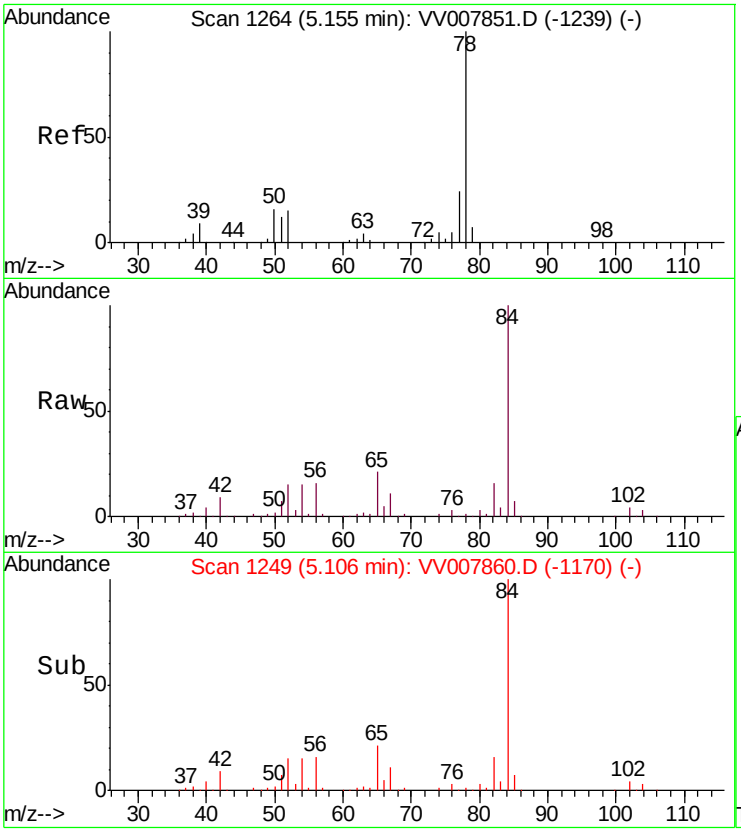


#25
Chloroform
Concen: 4.925 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Tgt Ion: 83 Resp: 12661

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.9	85.3

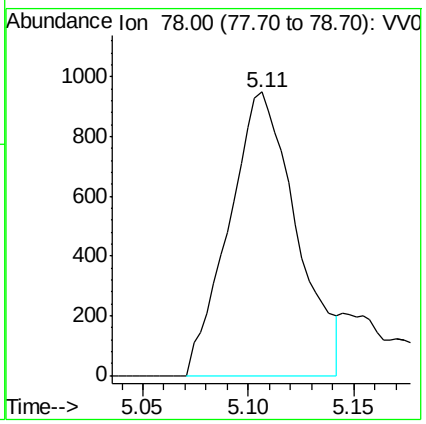


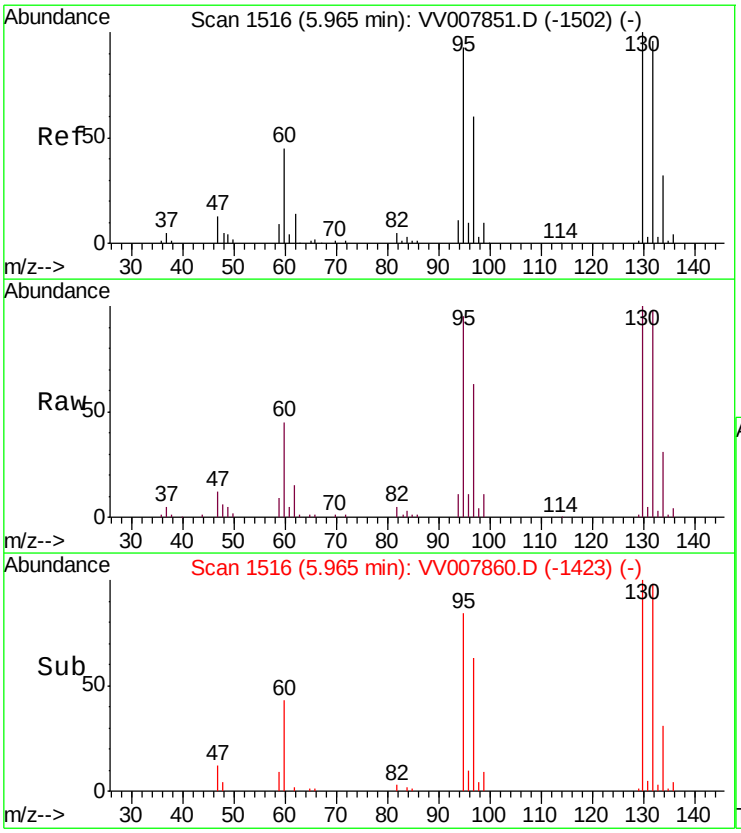


#33
Benzene
Concen: 0.418 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. -0.05 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Instrument :
MSVOA_V
ClientSampleId :
E5FF7DL

Tgt Ion: 78 Resp: 2101

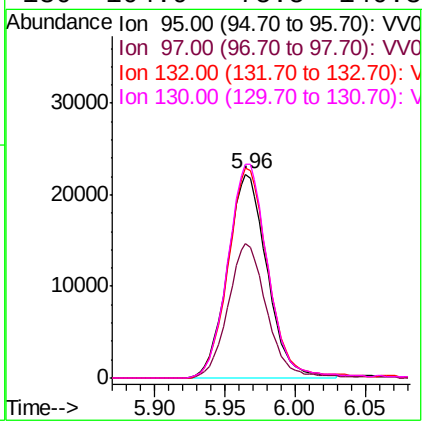


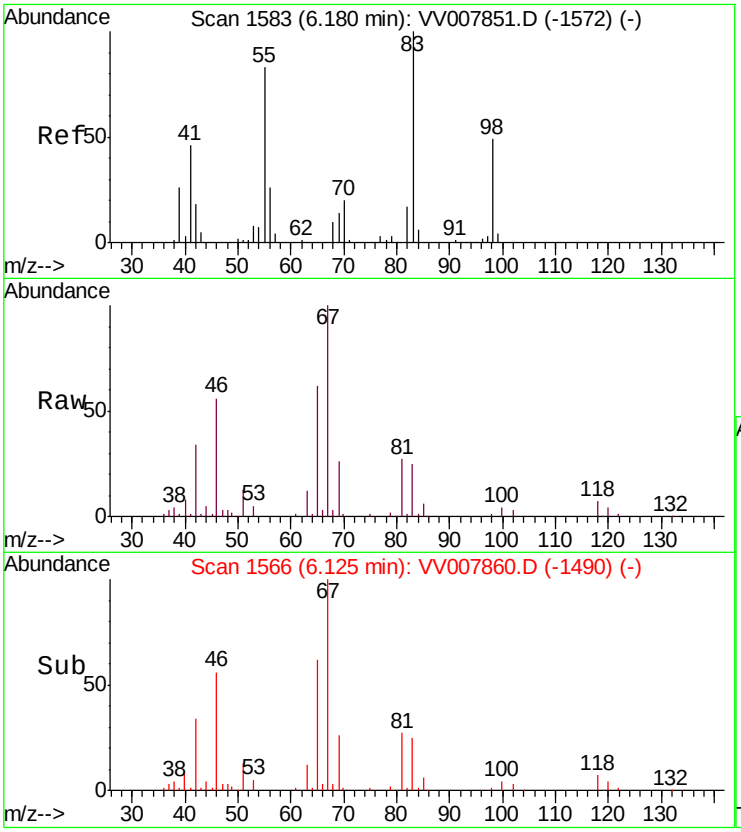


#34
Trichloroethene
Concen: 31.361 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Tgt Ion: 95 Resp: 43762

Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.4	84.2
132	103.0	72.2	134.0
130	104.9	75.5	140.3



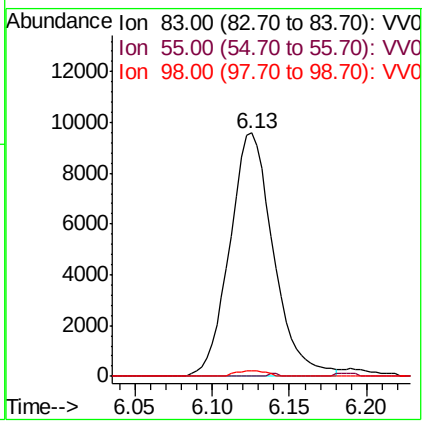


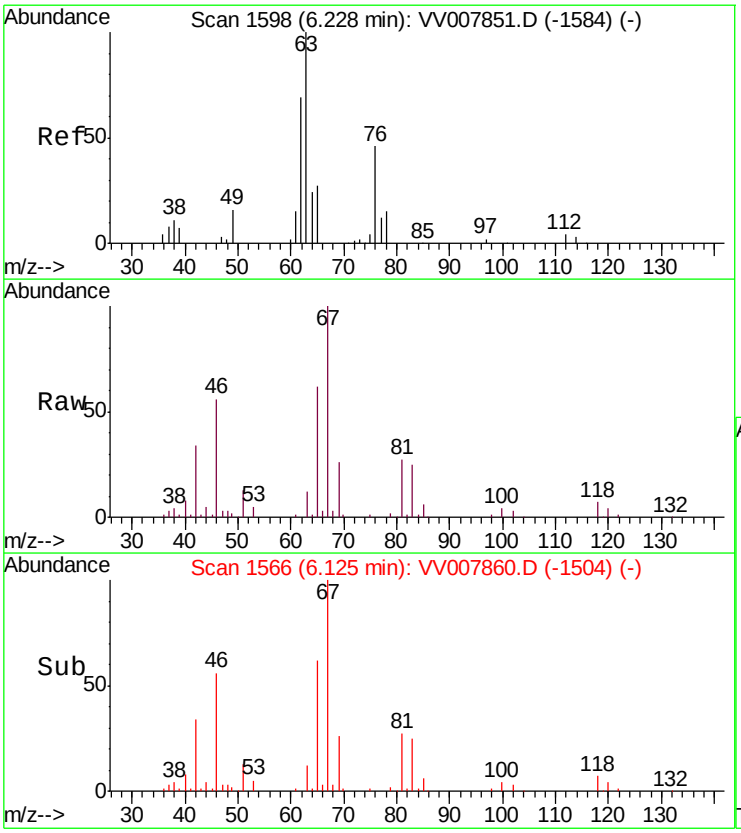
#35
Methylcyclohexane
Concen: 8.627 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Instrument : MSVOA_V
ClientSampleId : E5FF7DL

Tgt Ion: 83 Resp: 18886

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	94.0#
98	1.5	37.6	56.4#

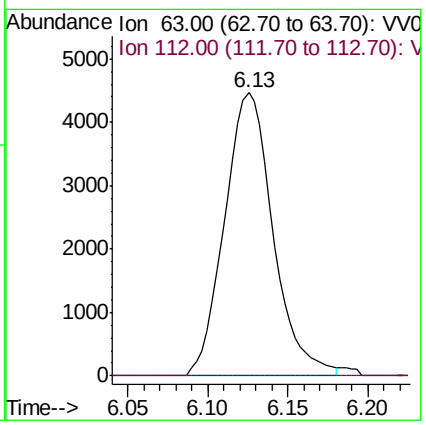


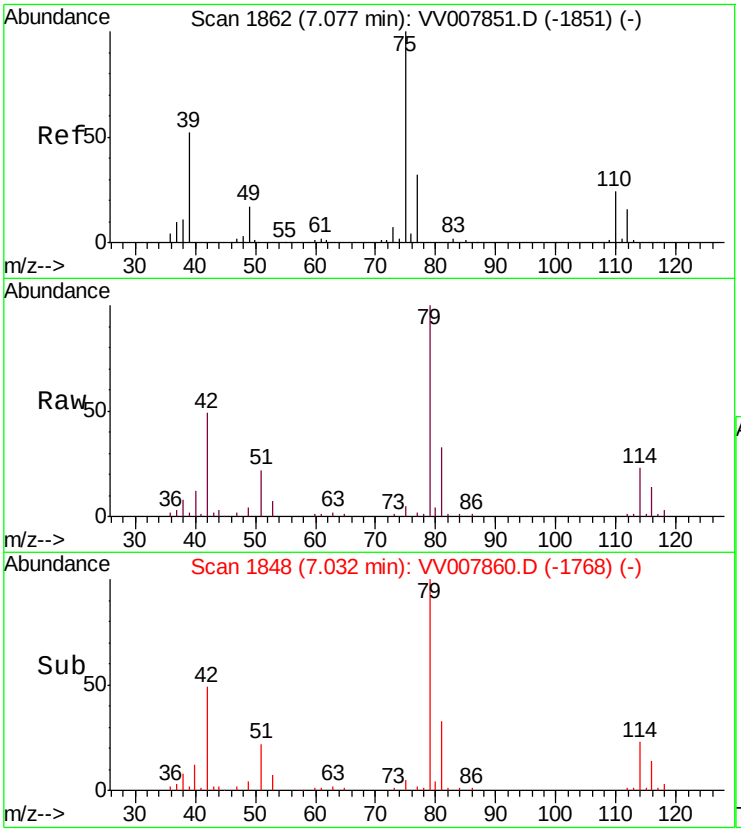


#37
1,2-Dichloropropane
Concen: 6.907 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Tgt Ion: 63 Resp: 9266

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



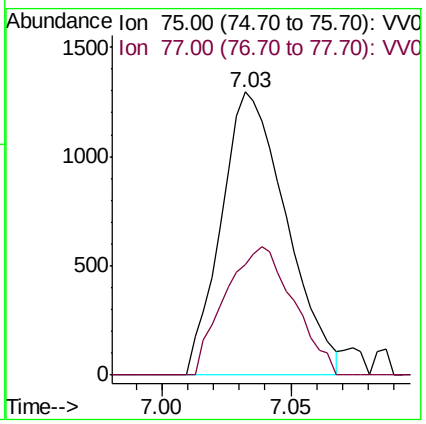


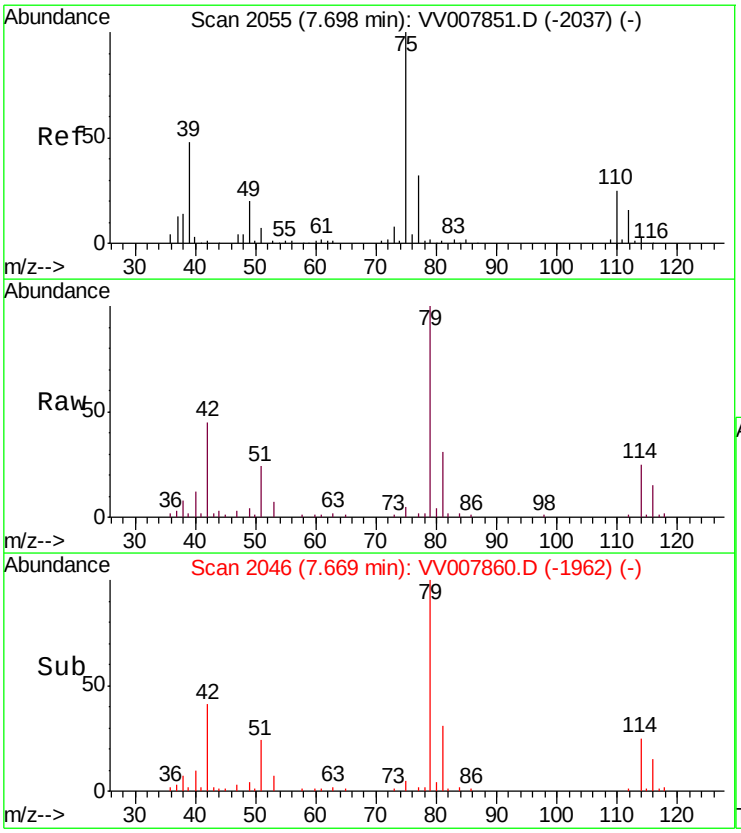
#39
cis-1,3-Dichloropropene
Concen: 1.174 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Instrument : MSVOA_V
ClientSampleId : E5FF7DL

Tgt Ion: 75 Resp: 2286

Ion	Ratio	Lower	Upper
75	100		
77	39.2	22.8	42.4

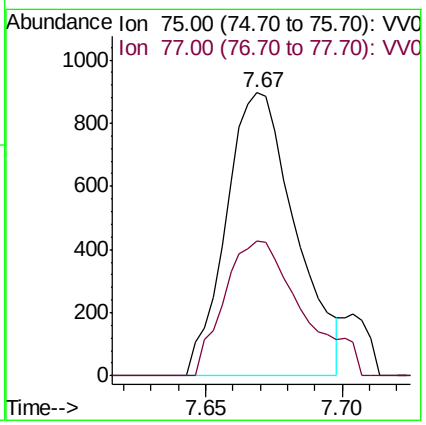


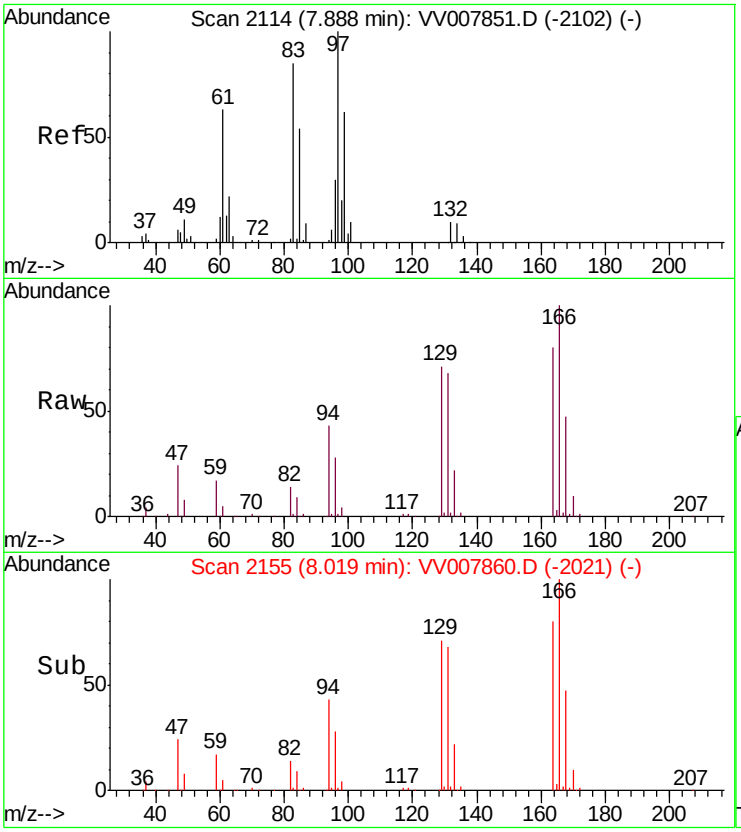


#44
trans-1,3-Dichloropropene
Concen: 0.818 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Tgt Ion: 75 Resp: 1583

Ion	Ratio	Lower	Upper
75	100		
77	47.8	22.5	41.9#



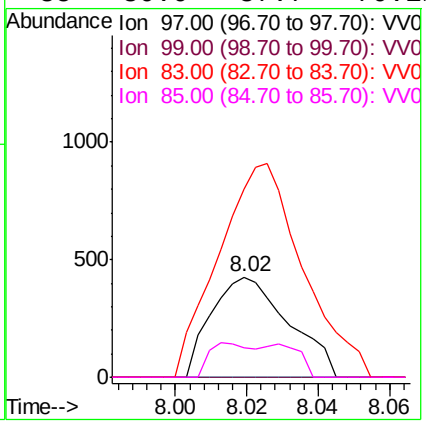


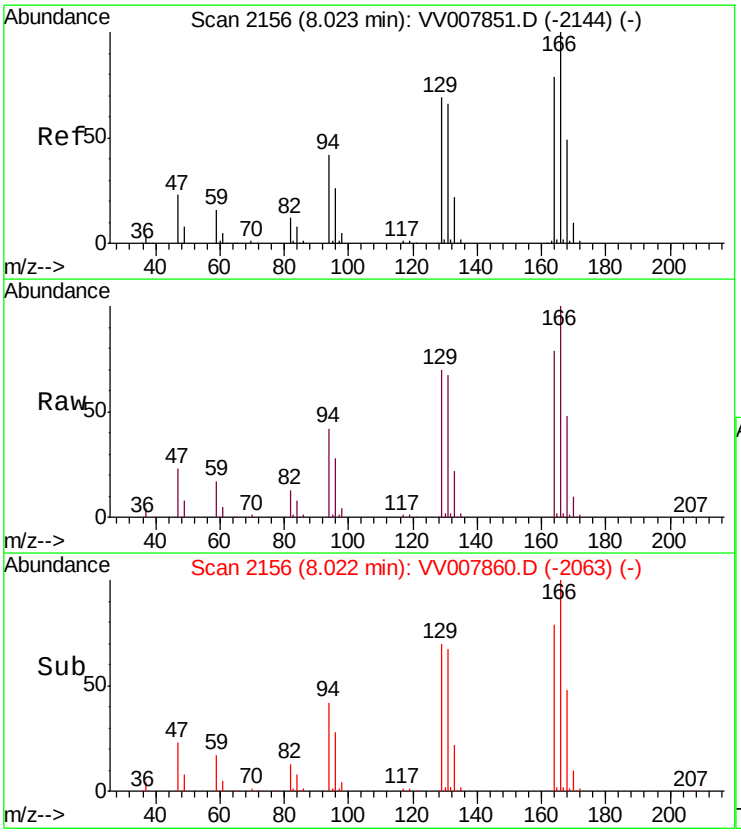
#45
1,1,2-Trichloroethane
Concen: 0.476 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.13 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Instrument : MSVOA_V
ClientSampleId : E5FF7DL

Tgt Ion: 97 Resp: 638

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.7	81.1#
83	188.1	59.6	110.8#
85	30.0	37.7	70.1#

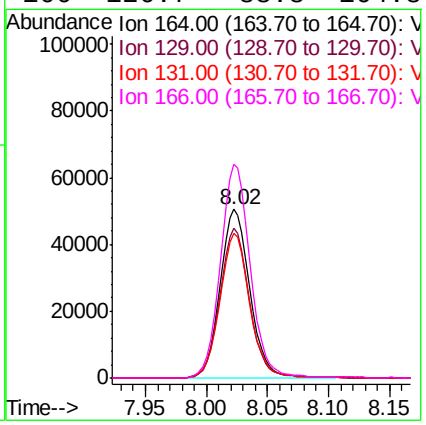


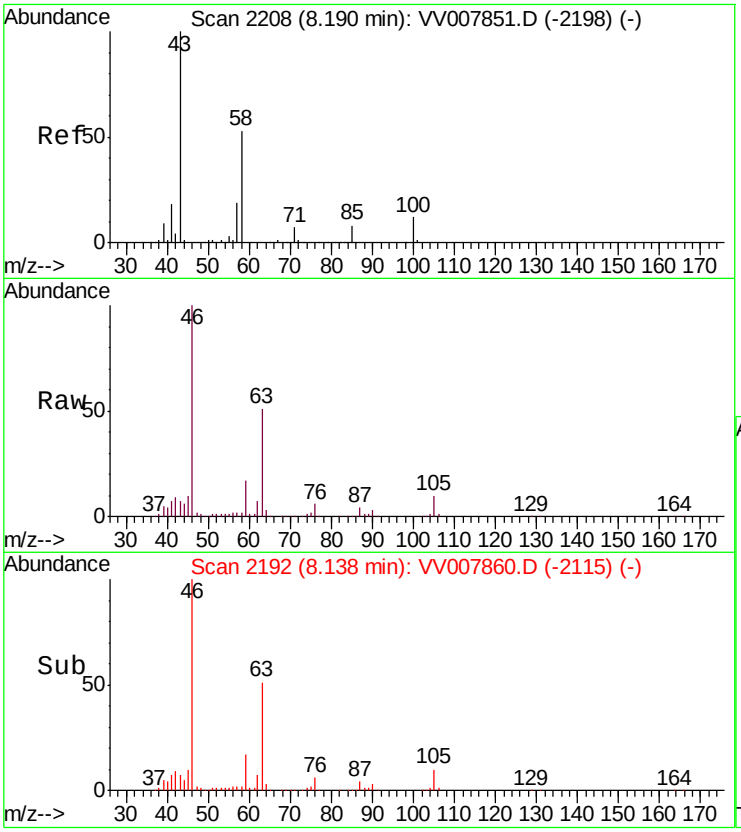


#46
Tetrachloroethene
Concen: 64.898 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.00 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Tgt Ion:164 Resp: 87020

Ion	Ratio	Lower	Upper
164	100		
129	88.6	60.9	113.1
131	85.5	58.8	109.2
166	126.7	88.8	164.8



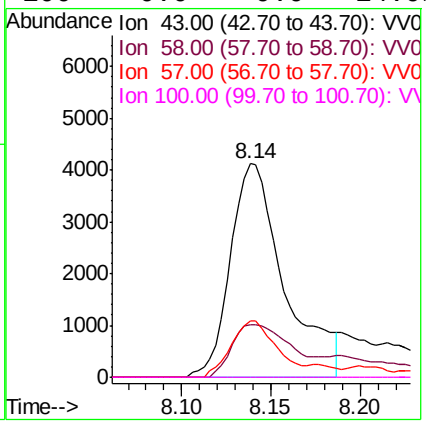


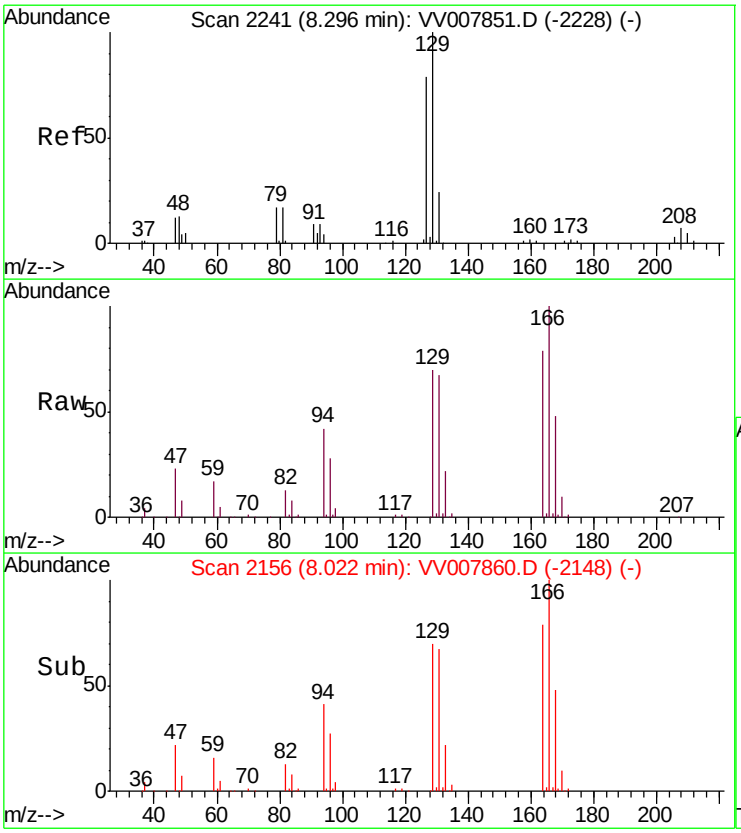
#48
2-Hexanone
Concen: 5.806 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Instrument : MSVOA_V
ClientSampleId : E5FF7DL

Tgt Ion: 43 Resp: 8700

Ion	Ratio	Lower	Upper
43	100		
58	26.7	41.1	61.7#
57	22.6	14.3	21.5#
100	0.0	9.9	14.9#

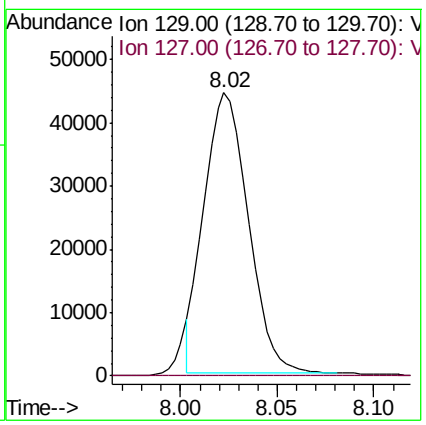


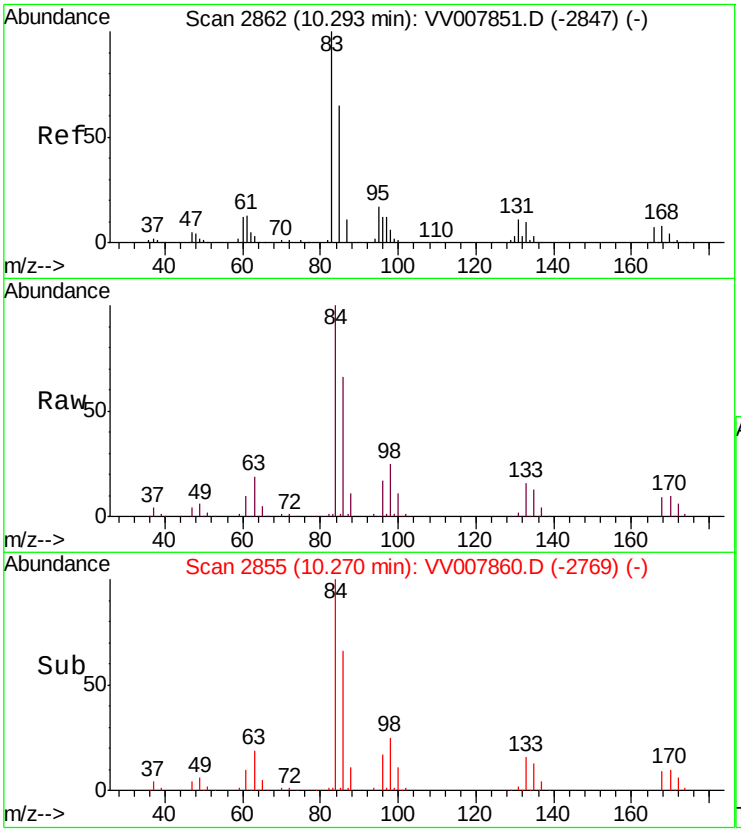


#49
Dibromochloromethane
Concen: 48.184 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Tgt Ion:129 Resp: 70634

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.5	103.1#





#58
1,1,2,2-Tetrachloroethane
Concen: 0.346 ug/L
RT: 10.27 min Scan# 2855
Delta R.T. -0.02 min
Lab File: VV007860.D
Acq: 25 Sep 2018 18:01

Instrument :
MSVOA_V
ClientSampleId :
E5FF7DL

Tgt Ion: 83 Resp: 757

Ion	Ratio	Lower	Upper
83	100		
85	191.9	45.8	85.0#
131	245.2	9.0	13.4#