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

Quantitation Report (Not Reviewed)

Data File : VV007859.D
Acq On : 25 Sep 2018 17:36
Operator : SY/MD
Sample : J5043-18DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E5FF8DL

Quant Time: Sep 26 04:59:47 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	193875	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94994	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	55451	45.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.26%			
7) Chloroethane-d5	1.59	69	52117	49.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.32%			
11) 1,1-Dichloroethene-d2	2.14	63	95014	36.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.38%			
21) 2-Butanone-d5	3.96	46	44681	54.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 54.55%			
24) Chloroform-d	4.41	84	110460	43.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.52%			
26) 1,2-Dichloroethane-d4	5.09	65	88606	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.44%			
32) Benzene-d6	5.11	84	250916	49.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.84%			
36) 1,2-Dichloropropane-d6	6.13	67	79173	49.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.58%			
41) Toluene-d8	7.36	98	241345	47.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.32%			
43) trans-1,3-Dichloropropene-	7.67	79	34794	45.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.92%			
47) 2-Hexanone-d5	8.14	63	61731	91.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.93%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	109567	46.68	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.36%			
64) 1,2-Dichlorobenzene-d4	11.68	152	104932	49.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.38%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.14	101	973	0.409	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	973	0.732	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	956	0.801	ug/L #	1
16) Methylene chloride	2.54	84	1812	1.373	ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	751	0.590	ug/L	95
20) cis-1,2-Dichloroethene	3.97	96	69506	50.406	ug/L	99
25) Chloroform	4.44	83	14927	5.759	ug/L	96
34) Trichloroethene	5.96	95	39995	28.280	ug/L	99
35) Methylcyclohexane	6.12	83	19888	8.964	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	8893	6.541	ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	2545	1.289	ug/L #	78
44) trans-1,3-Dichloropropene	7.67	75	1645	0.838	ug/L #	71
46) Tetrachloroethene	8.02	164	77223	56.826	ug/L	96
48) 2-Hexanone	8.14	43	8409	5.537	ug/L #	70
58) 1,1,2,2-Tetrachloroethane	10.27	83	752	0.339	ug/L #	1

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

Quantitation Report (Not Reviewed)

Data File : VV007859.D
Acq On : 25 Sep 2018 17:36
Operator : SY/MD
Sample : J5043-18DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E5FF8DL

Quant Time: Sep 26 04:59:47 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)

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

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

Quantitation Report (Not Reviewed)

Data File : VV007859.D
Acq On : 25 Sep 2018 17:36
Operator : SY/MD
Sample : J5043-18DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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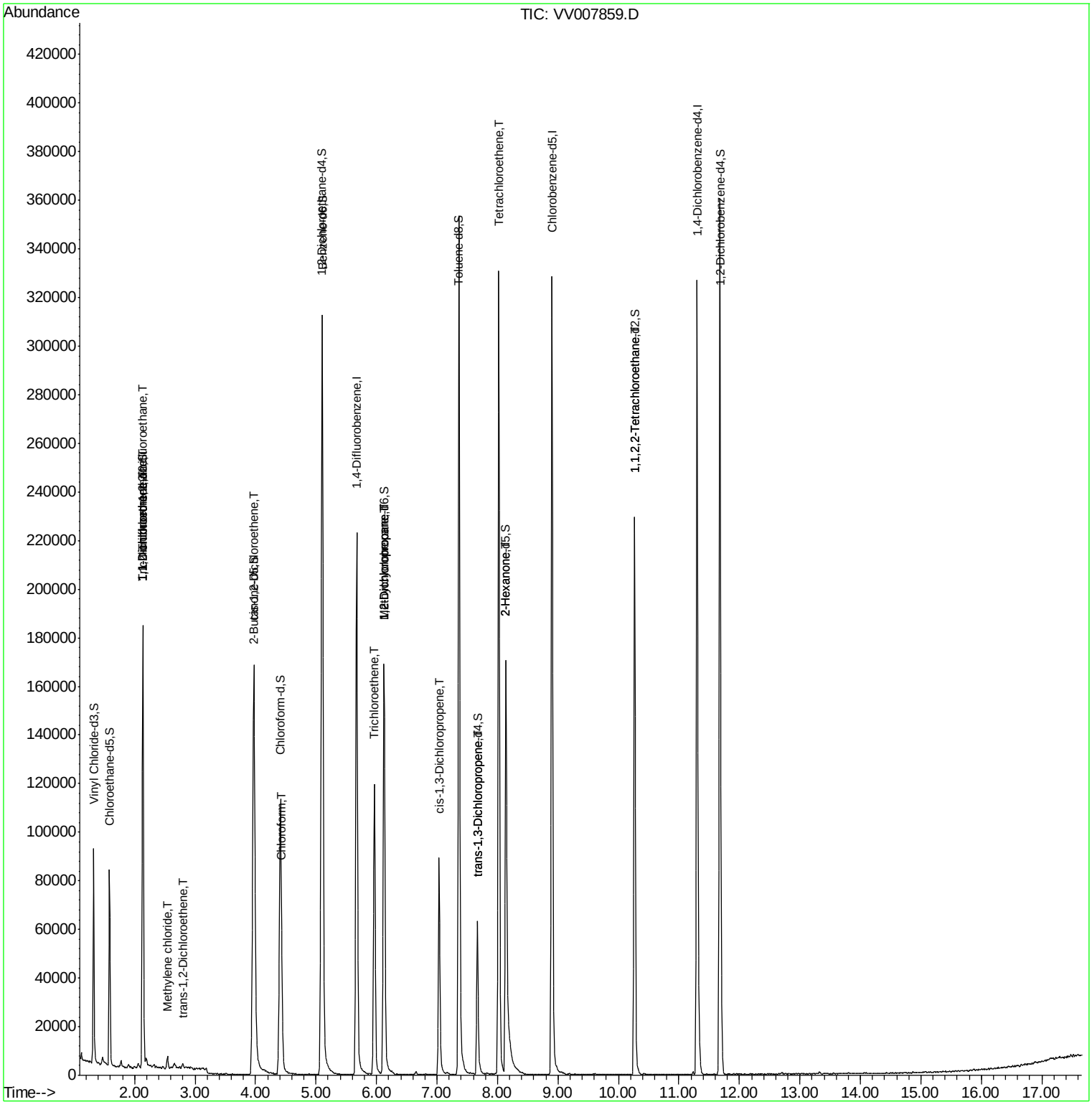
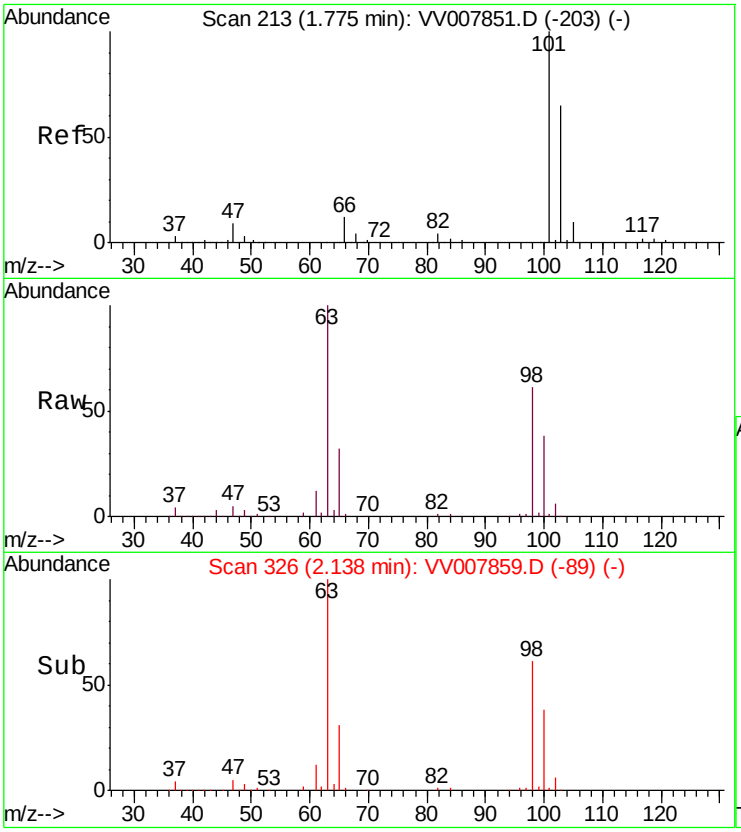
Quant Time: Sep 26 04:59:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration



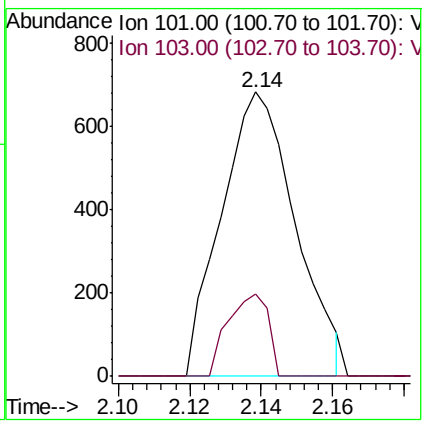


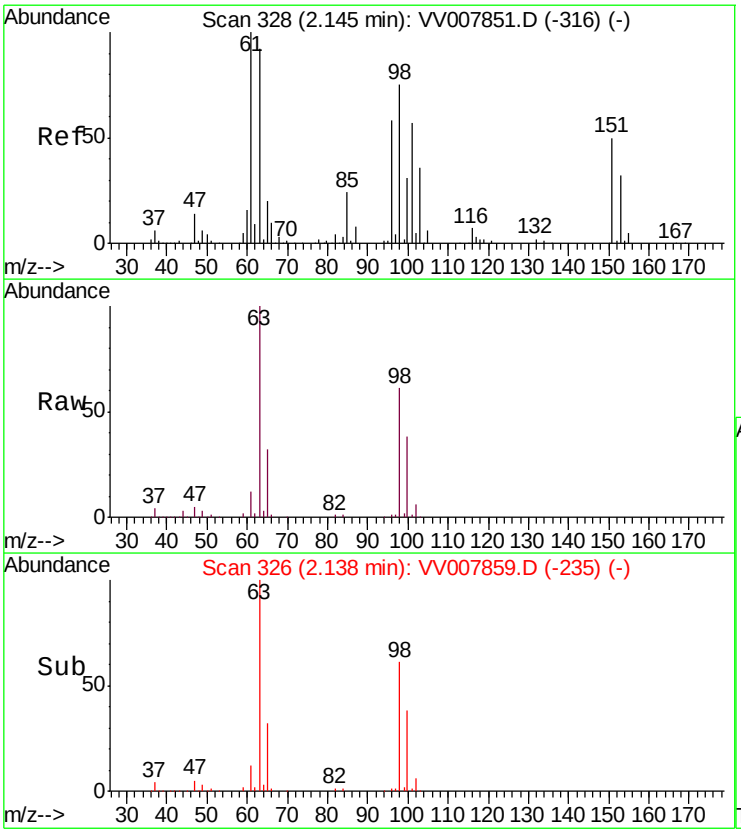
#9
Trichlorofluoromethane
Concen: 0.409 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.36 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Instrument : MSVOA_V
ClientSampleId : E5FF8DL

Tgt Ion:101 Resp: 973

Ion	Ratio	Lower	Upper
101	100		
103	15.5	52.4	78.6#

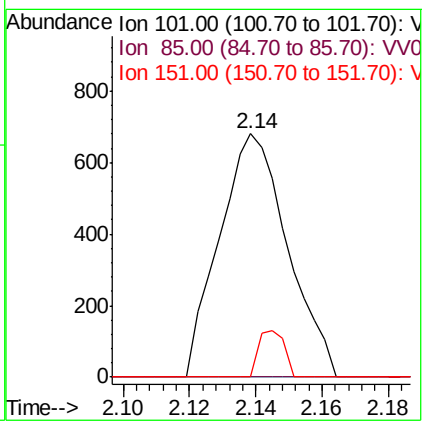


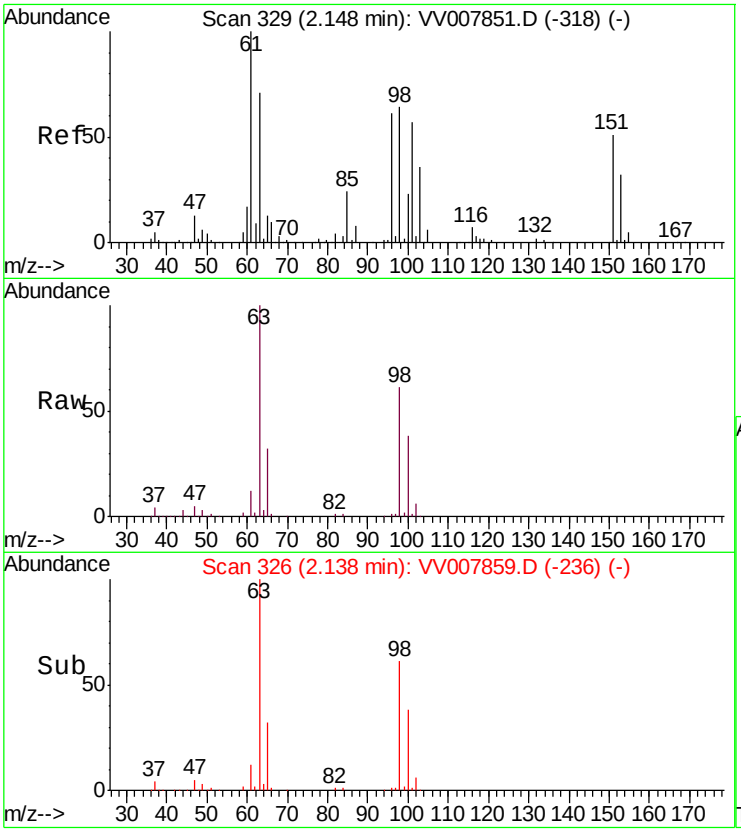


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.732 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Tgt Ion:101 Resp: 973

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.2#
151	7.2	69.7	104.5#



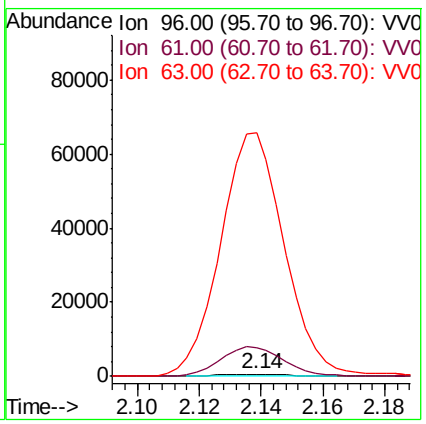


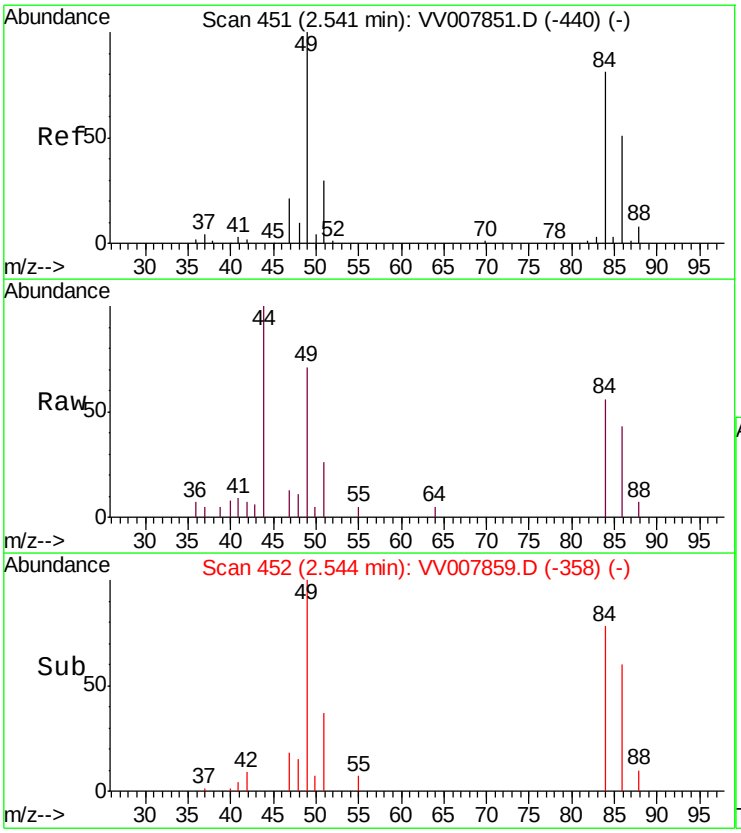
#12
1,1-Dichloroethene
Concen: 0.801 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Instrument :
MSVOA_V
ClientSampleId :
E5FF8DL

Tgt Ion: 96 Resp: 956

Ion	Ratio	Lower	Upper
96	100		
61	1286.1	116.1	215.7#
63	10779.0	86.5	160.7#

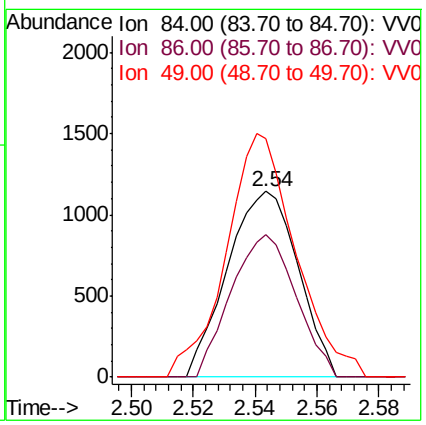


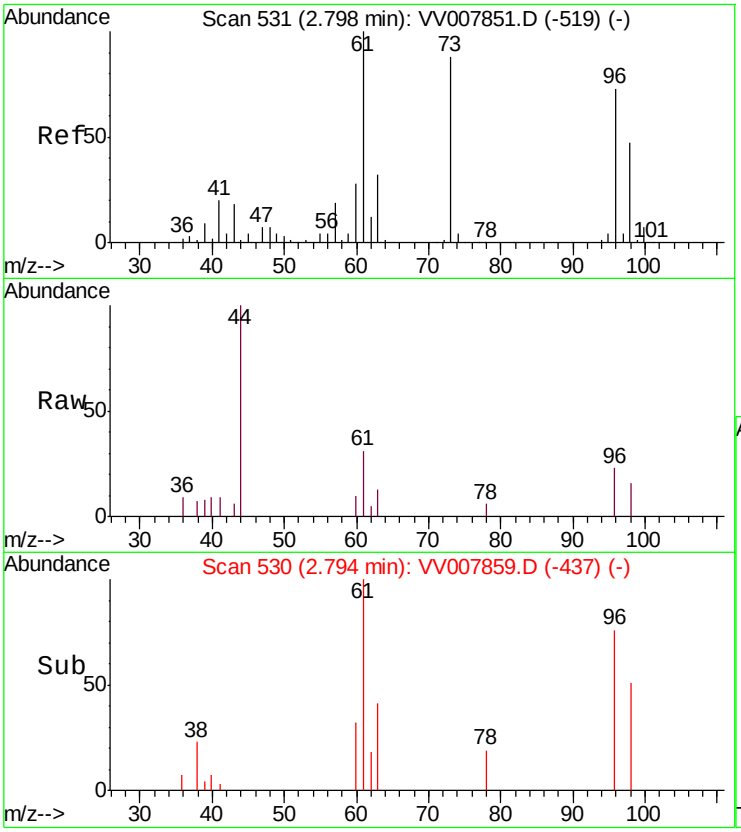


#16
Methylene chloride
Concen: 1.373 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.00 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Tgt Ion: 84 Resp: 1812

Ion	Ratio	Lower	Upper
84	100		
86	76.4	44.4	82.4
49	128.1	86.8	161.2



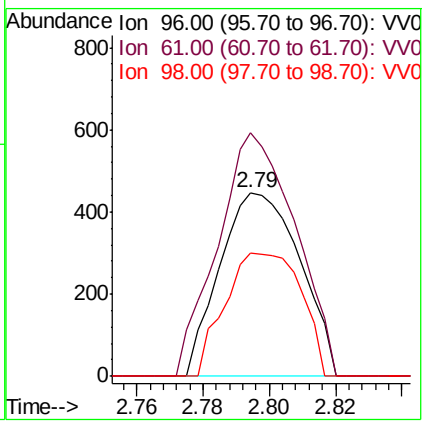


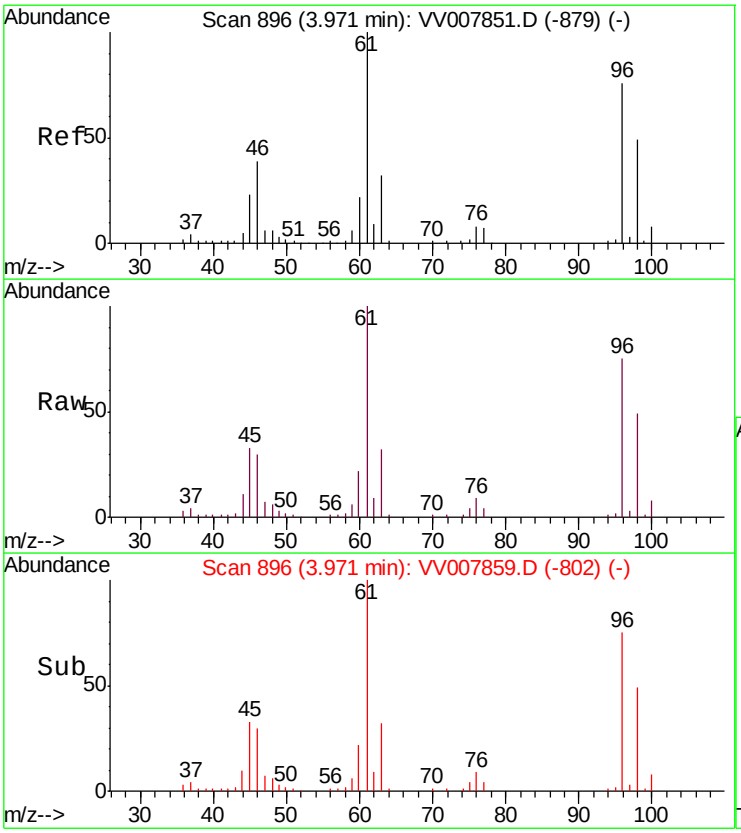
#17
trans-1,2-Dichloroethene
Concen: 0.590 ug/L
RT: 2.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Instrument :
MSVOA_V
ClientSampleId :
E5FF8DL

Tgt Ion: 96 Resp: 751

Ion	Ratio	Lower	Upper
96	100		
61	132.4	96.8	179.8
98	67.2	44.9	83.3

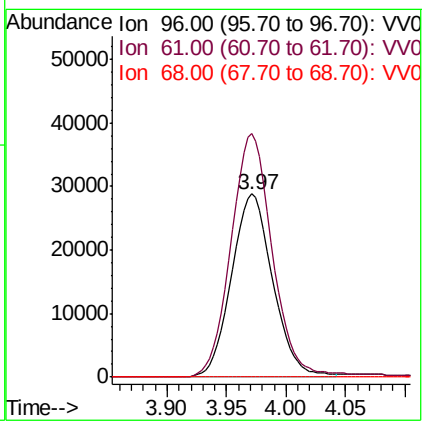


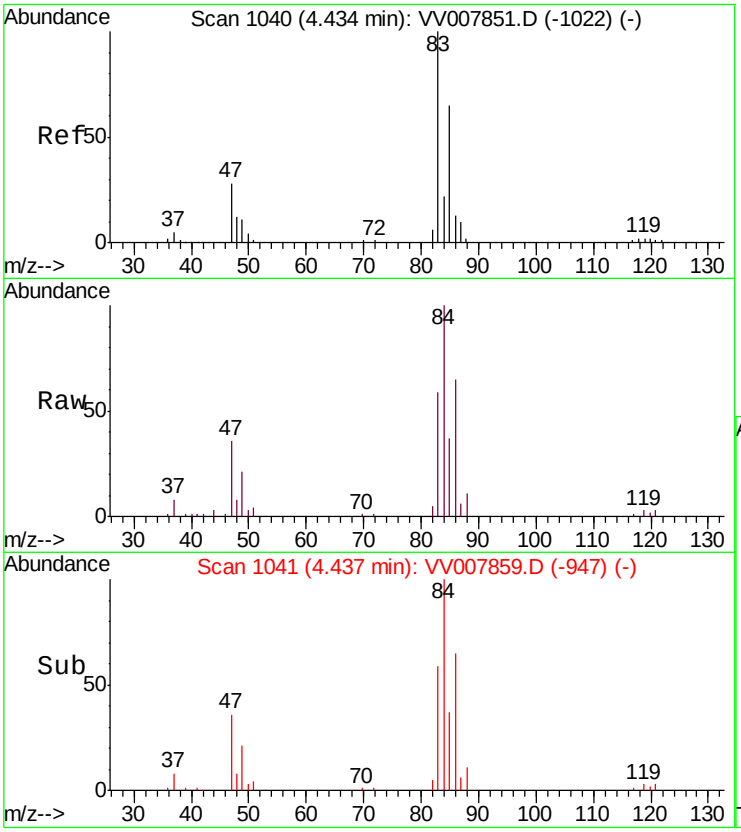


#20
cis-1,2-Dichloroethene
Concen: 50.406 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.00 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Tgt Ion: 96 Resp: 69506

Ion	Ratio	Lower	Upper
96	100		
61	132.9	92.6	172.0
68	0.0	0.0	0.0



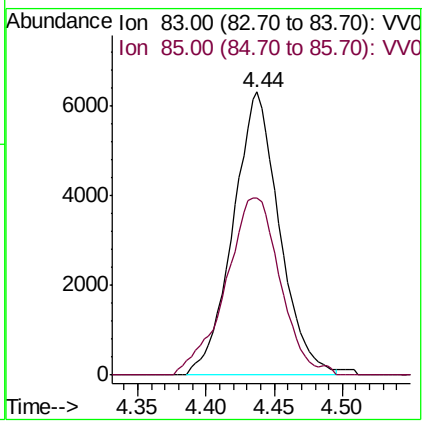


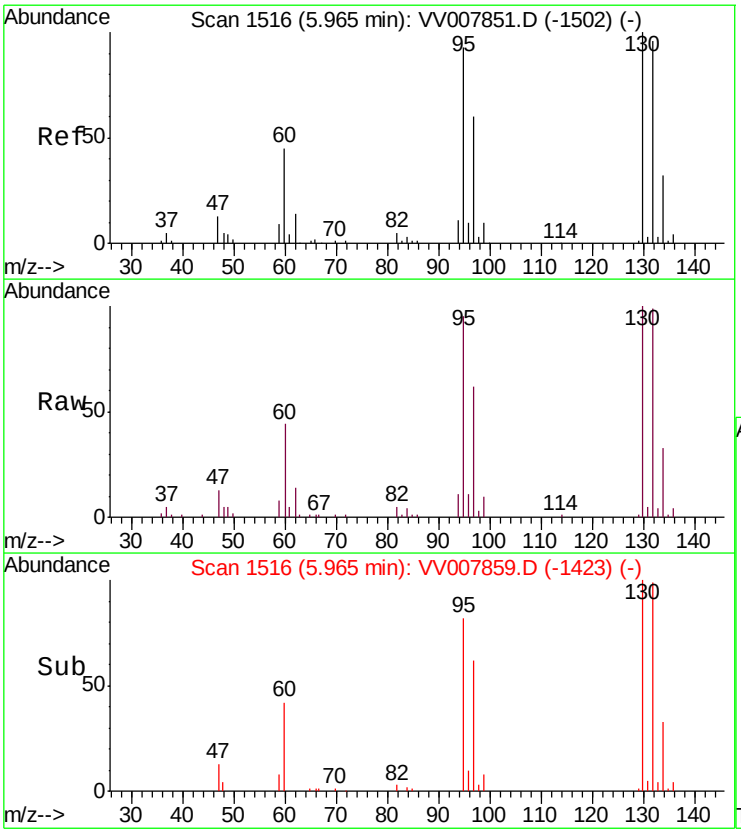
#25
Chloroform
Concen: 5.759 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Instrument : MSVOA_V
ClientSampleId : E5FF8DL

Tgt Ion: 83 Resp: 14927

Ion	Ratio	Lower	Upper
83	100		
85	62.6	45.9	85.3

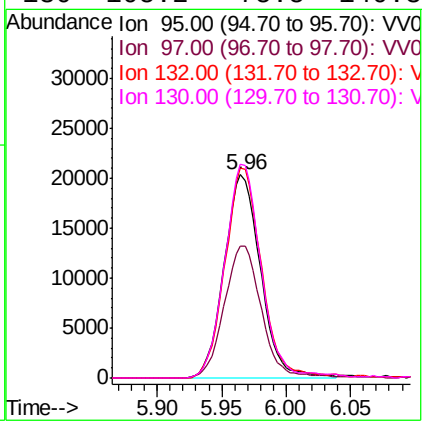


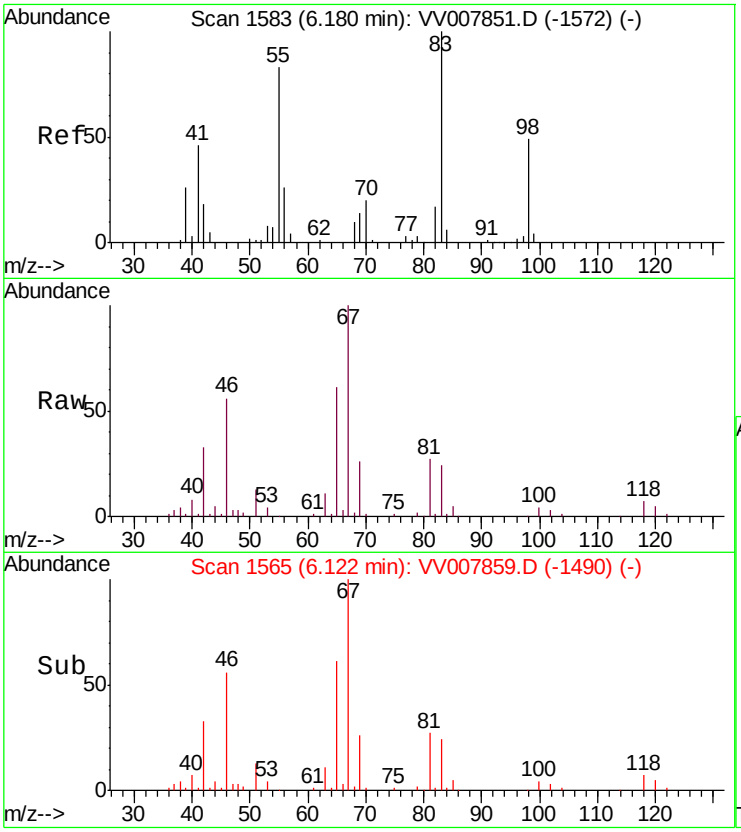


#34
Trichloroethene
Concen: 28.280 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Tgt Ion: 95 Resp: 39995

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.4	84.2
132	103.7	72.2	134.0
130	105.2	75.5	140.3



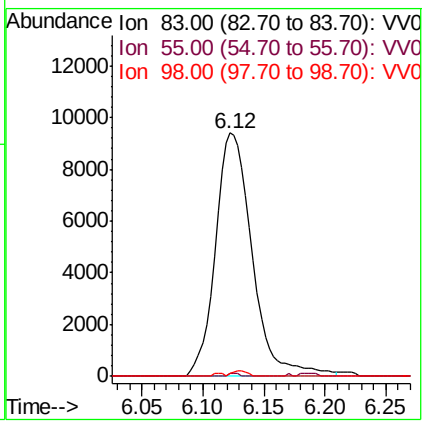


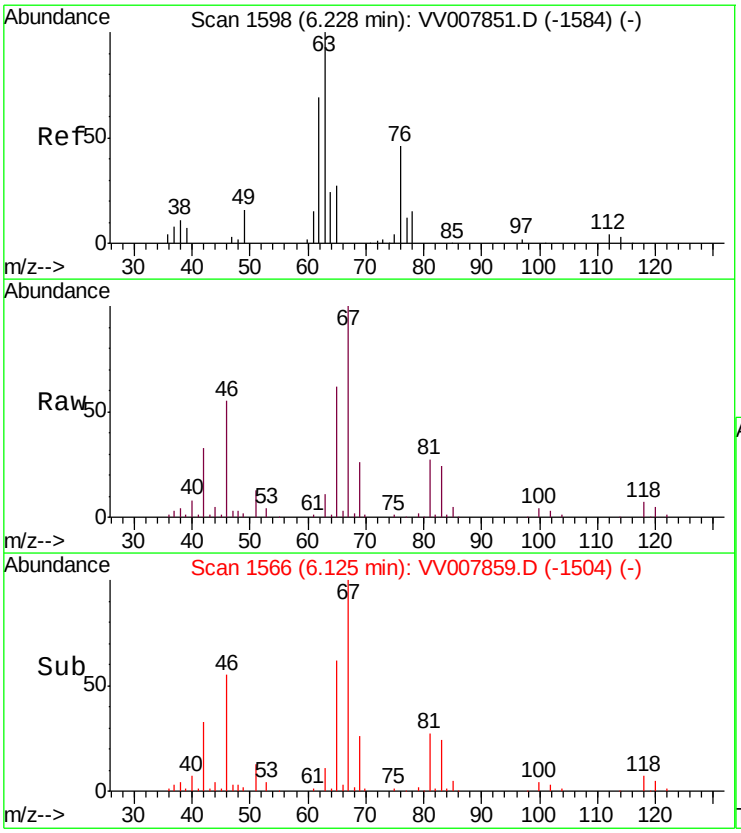
#35
Methylcyclohexane
Concen: 8.964 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Instrument : MSVOA_V
ClientSampleId : E5FF8DL

Tgt Ion: 83 Resp: 19888

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	0.9	37.6	56.4#

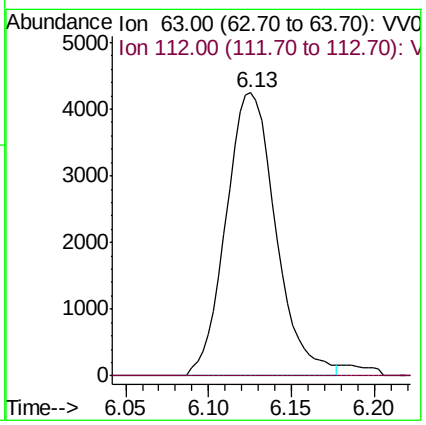


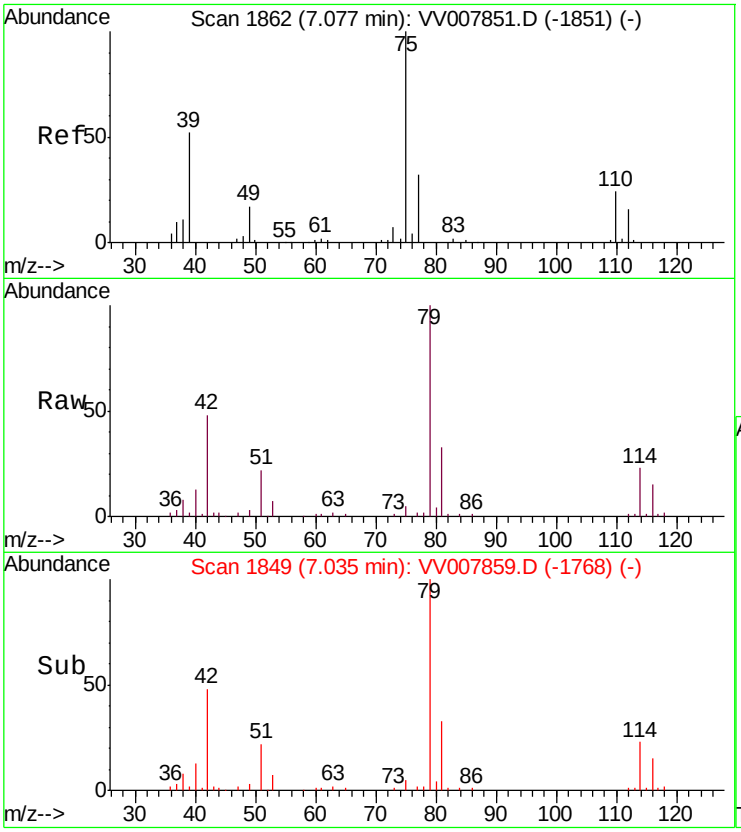


#37
1,2-Dichloropropane
Concen: 6.541 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Tgt Ion: 63 Resp: 8893

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



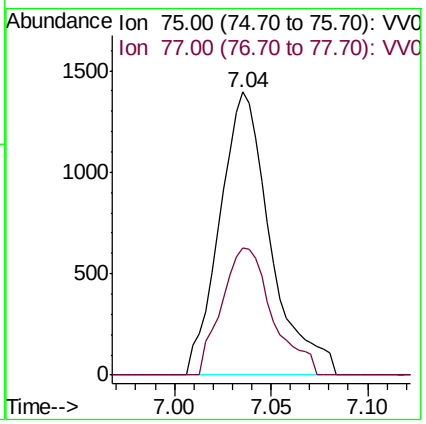


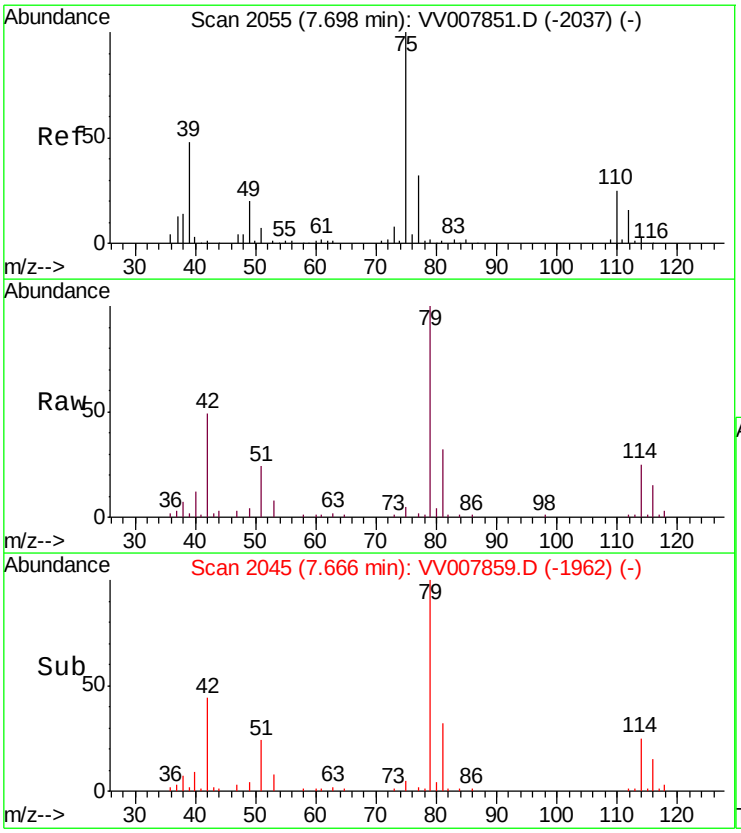
#39
cis-1,3-Dichloropropene
Concen: 1.289 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Instrument :
MSVOA_V
ClientSampleId :
E5FF8DL

Tgt Ion: 75 Resp: 2545

Ion	Ratio	Lower	Upper
75	100		
77	44.7	22.8	42.4#

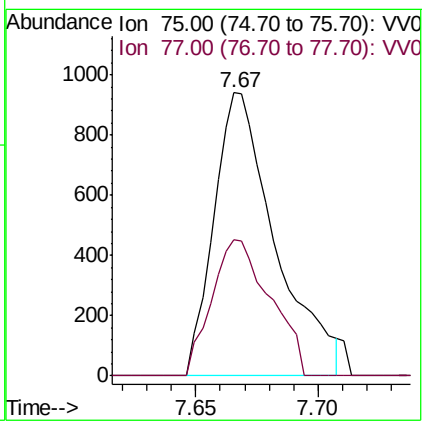


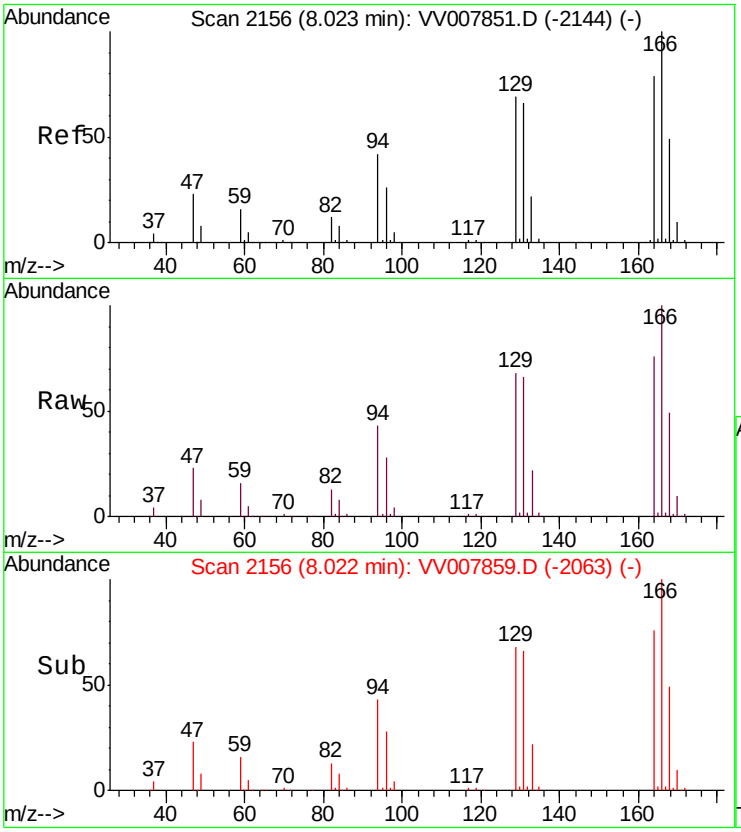


#44
trans-1,3-Dichloropropene
Concen: 0.838 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Tgt Ion: 75 Resp: 1645

Ion	Ratio	Lower	Upper
75	100		
77	48.2	22.5	41.9#



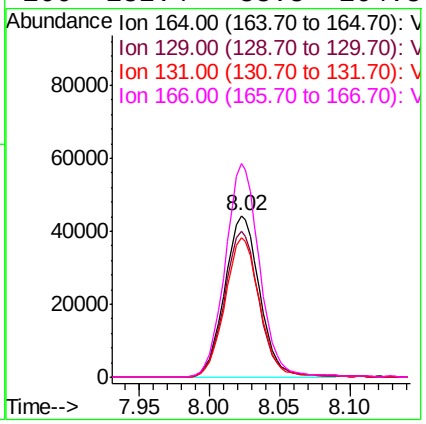


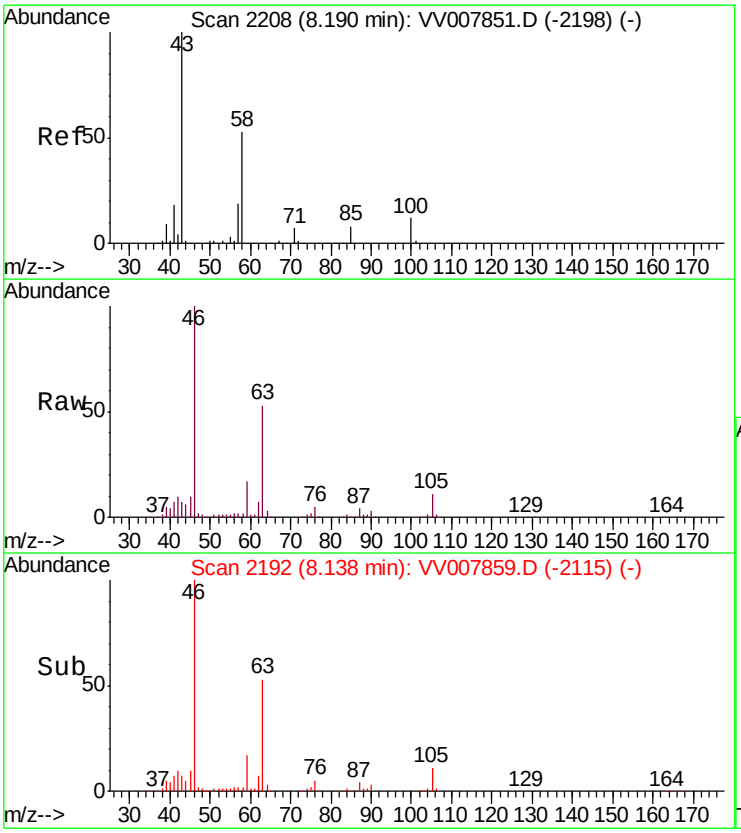
#46
Tetrachloroethene
Concen: 56.826 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.00 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Instrument : MSVOA_V
ClientSampleId : E5FF8DL

Tgt Ion:164 Resp: 77223

Ion	Ratio	Lower	Upper
164	100		
129	90.1	60.9	113.1
131	86.8	58.8	109.2
166	132.4	88.8	164.8

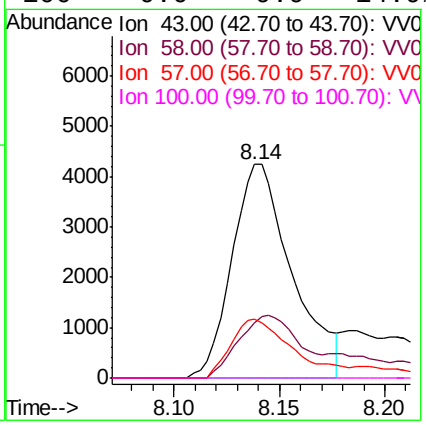


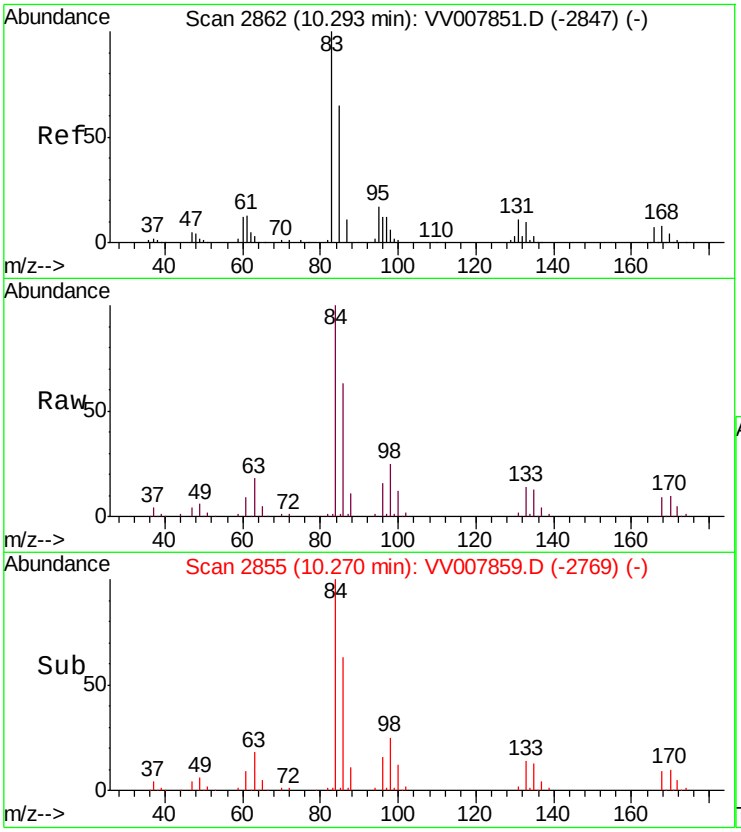


#48
2-Hexanone
Concen: 5.537 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Tgt Ion: 43 Resp: 8409

Ion	Ratio	Lower	Upper
43	100		
58	29.8	41.1	61.7#
57	28.4	14.3	21.5#
100	0.0	9.9	14.9#





#58
1,1,2,2-Tetrachloroethane
Concen: 0.339 ug/L
RT: 10.27 min Scan# 2855
Delta R.T. -0.02 min
Lab File: VV007859.D
Acq: 25 Sep 2018 17:36

Instrument :
MSVOA_V
ClientSampleId :
E5FF8DL

Tgt Ion: 83 Resp: 752

Ion	Ratio	Lower	Upper
83	100		
85	206.0	45.8	85.0#
131	272.9	9.0	13.4#