Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\

Quantitation Report (Not Reviewed)

Data File : VV011910.D
Acq On : 17 Jul 2019 14:32
Operator : SY/MD
Sample : K3785-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Jul 18 02:21:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158270	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67158	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58669	5.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.00%			
7) Chloroethane-d5	1.58	69	47771	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.13	63	65922	3.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.40%			
20) 2-Butanone-d5	3.96	46	157206	53.55	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.10%			
24) Chloroform-d	4.40	84	112877	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.08	65	63553	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
32) Benzene-d6	5.10	84	232492	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
36) 1,2-Dichloropropane-d6	6.12	67	72422	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.20%			
41) Toluene-d8	7.36	98	200263	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	7.67	79	23719	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.14	63	96513	47.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.22%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40202	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	72255	5.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.80%			
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	1285	0.145	ug/L	95
25) Chloroform	4.42	83	5892	0.244	ug/L	98
35) Methylcyclohexane	6.12	83	16886	0.830	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8355	0.709	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1314	0.102	ug/L	99
48) 2-Hexanone	8.18	43	8793	1.735	ug/L #	41
58) 1,1,2,2-Tetrachloroethane	10.27	83	592	0.078	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	738	0.043	ug/L #	73
69) Naphthalene	13.56	128	2198	0.107	ug/L #	90

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\

Quantitation Report (Not Reviewed)

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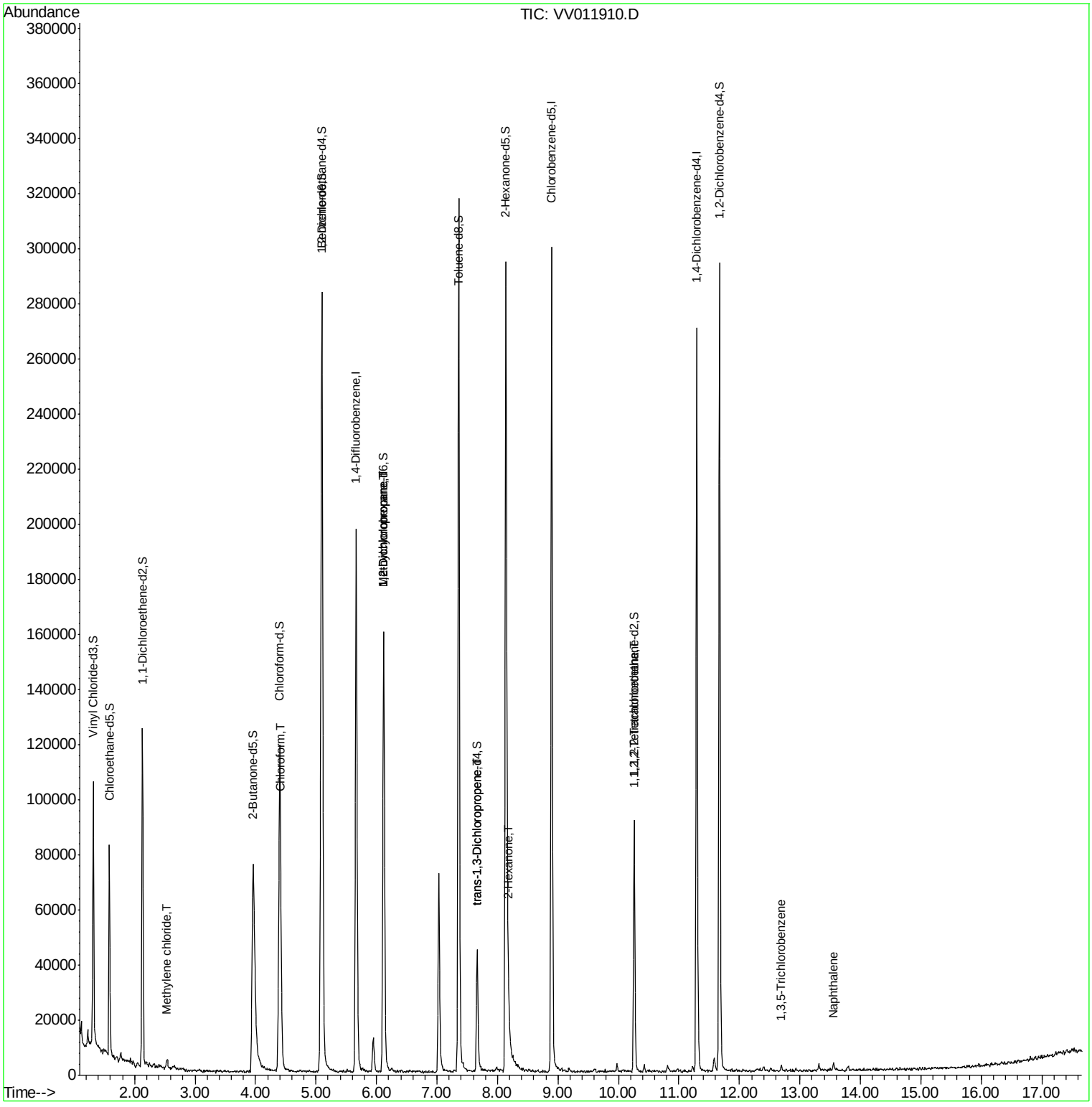
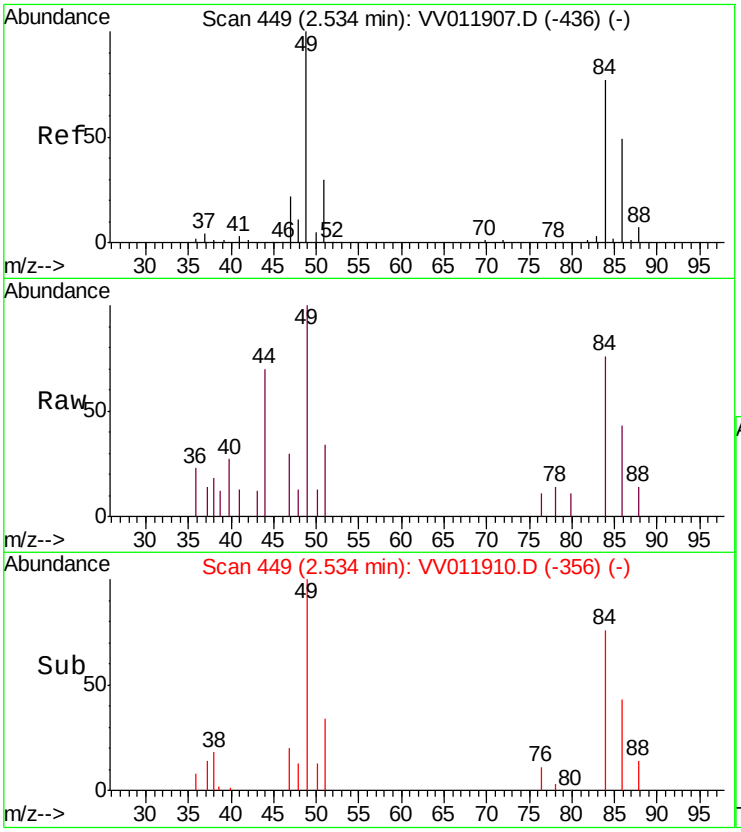
Operator : SY/MD
Sample : K3785-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jul 18 02:21:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration



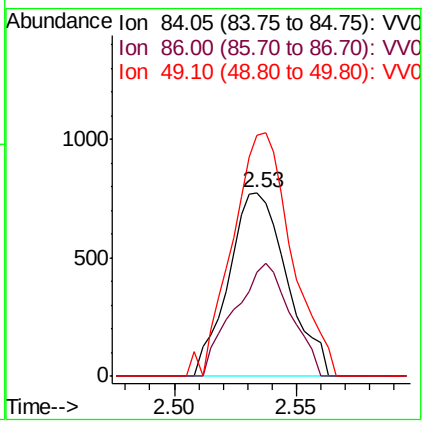


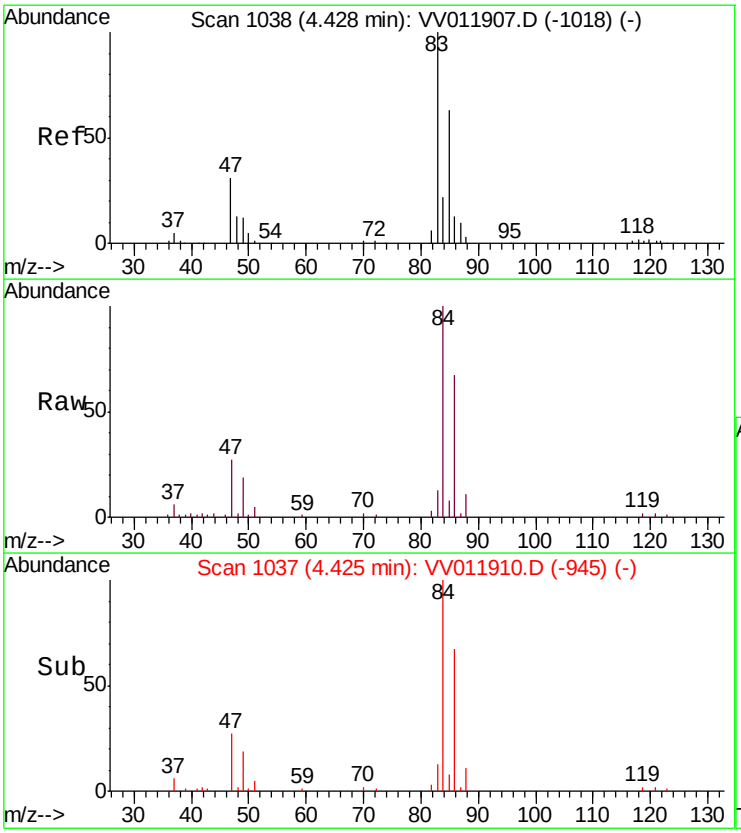
#16
Methylene chloride
Concen: 0.145 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV011910.D
Acq: 17 Jul 2019 14:32

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 1285

Ion	Ratio	Lower	Upper
84	100		
86	56.4	44.8	83.2
49	131.6	90.4	168.0

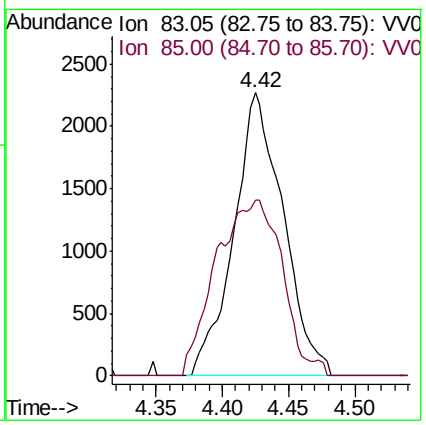


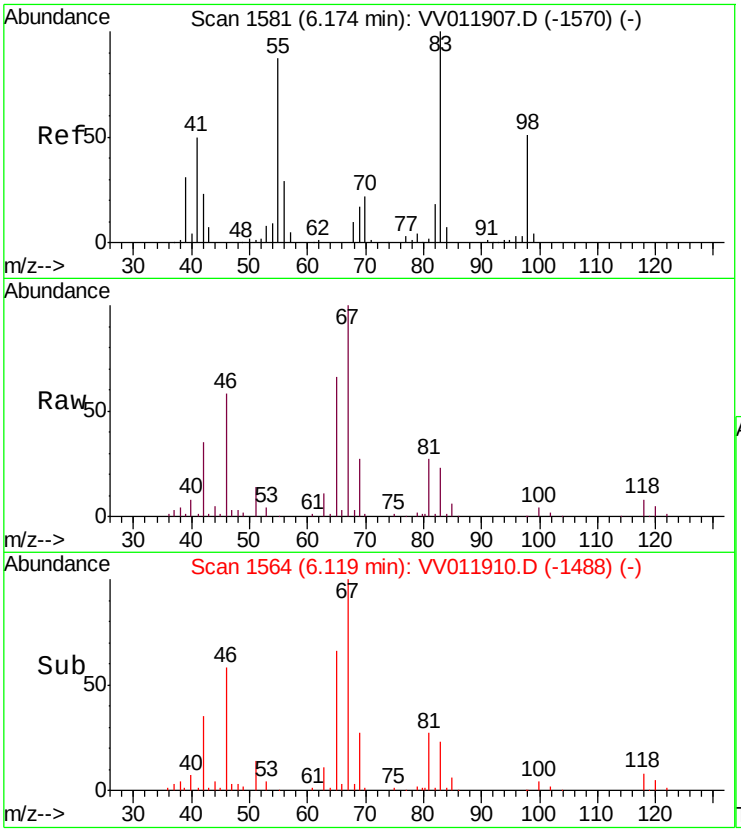


#25
Chloroform
Concen: 0.244 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011910.D
Acq: 17 Jul 2019 14:32

Tgt Ion: 83 Resp: 5892

Ion	Ratio	Lower	Upper
83	100		
85	61.9	42.5	78.9



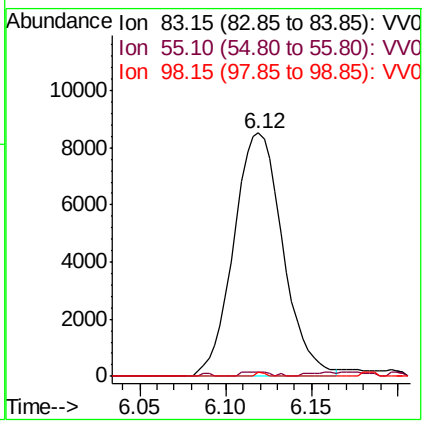


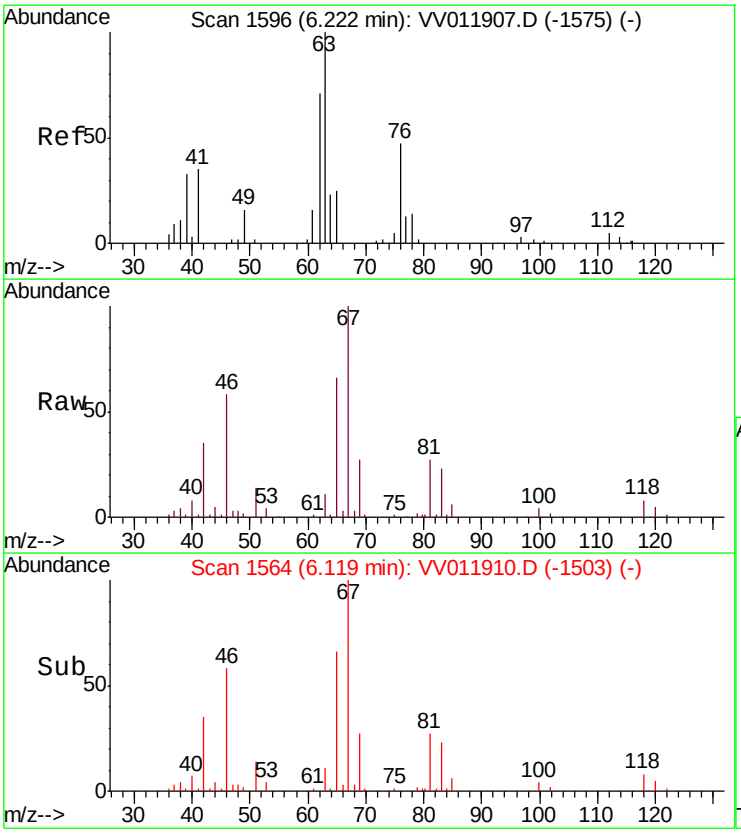
#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011910.D
Acq: 17 Jul 2019 14:32

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 16886

Ion	Ratio	Lower	Upper
83	100		
55	1.1	66.7	100.1#
98	0.3	39.0	58.4#

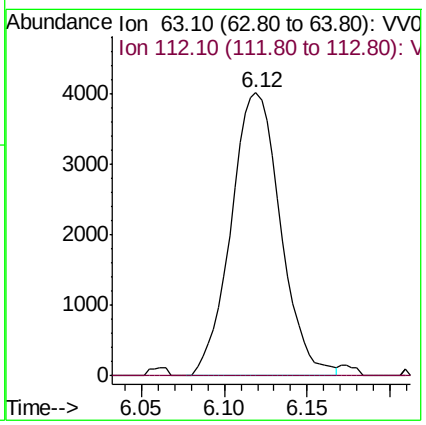


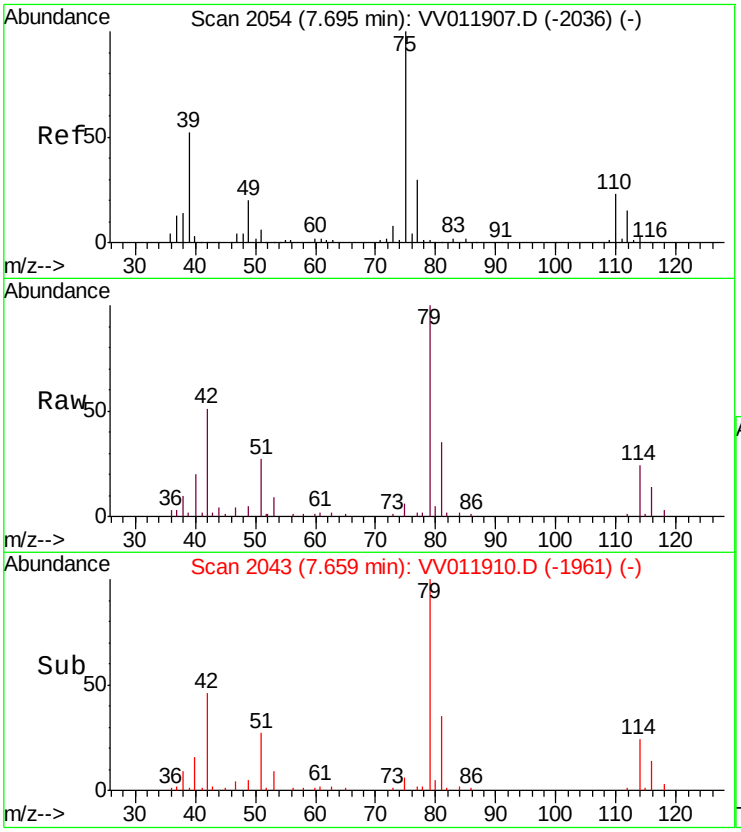


#37
1,2-Dichloropropane
Concen: 0.709 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011910.D
Acq: 17 Jul 2019 14:32

Tgt Ion: 63 Resp: 8355

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



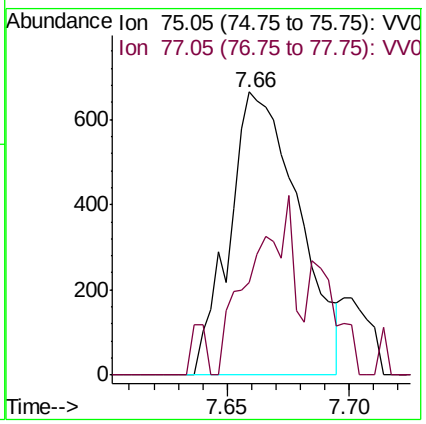


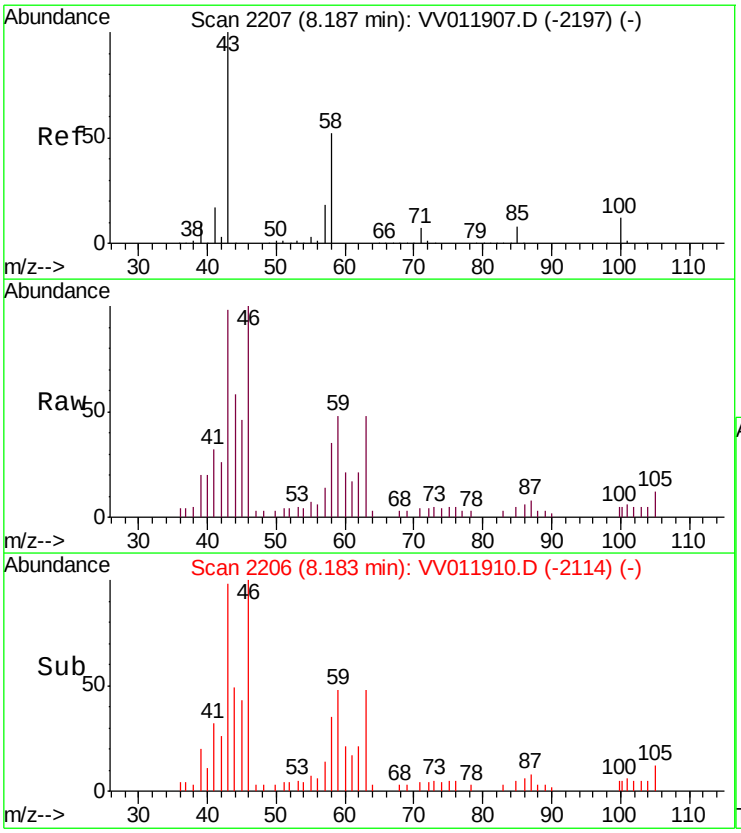
#44
trans-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.04 min
Lab File: VV011910.D
Acq: 17 Jul 2019 14:32

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 1314

Ion	Ratio	Lower	Upper
75	100		
77	32.5	22.3	41.3

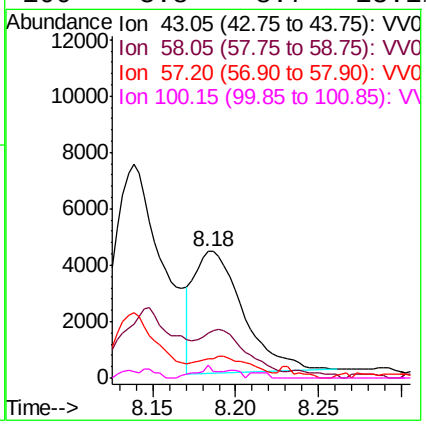


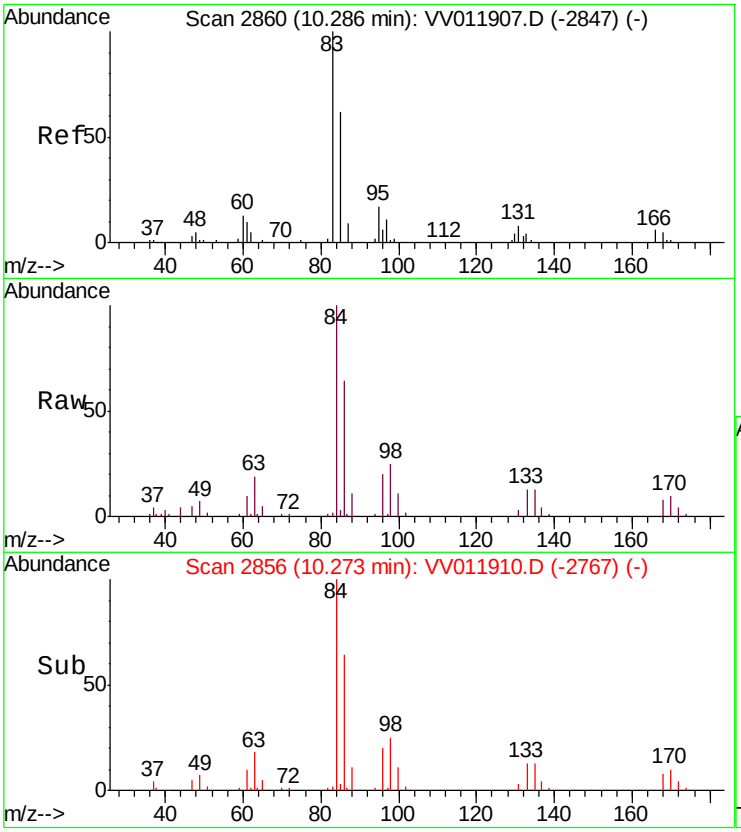


#48
2-Hexanone
Concen: 1.735 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV011910.D
Acq: 17 Jul 2019 14:32

Tgt Ion: 43 Resp: 8793

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
57	0.0	14.3	21.5#
100	3.8	8.7	13.1#



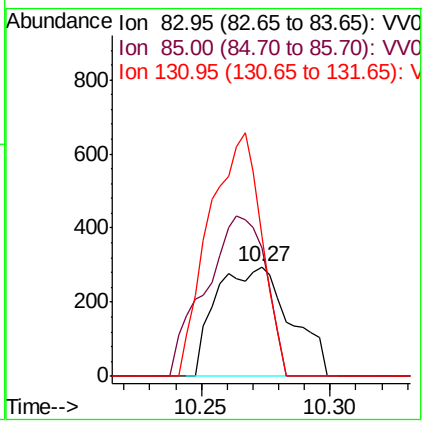


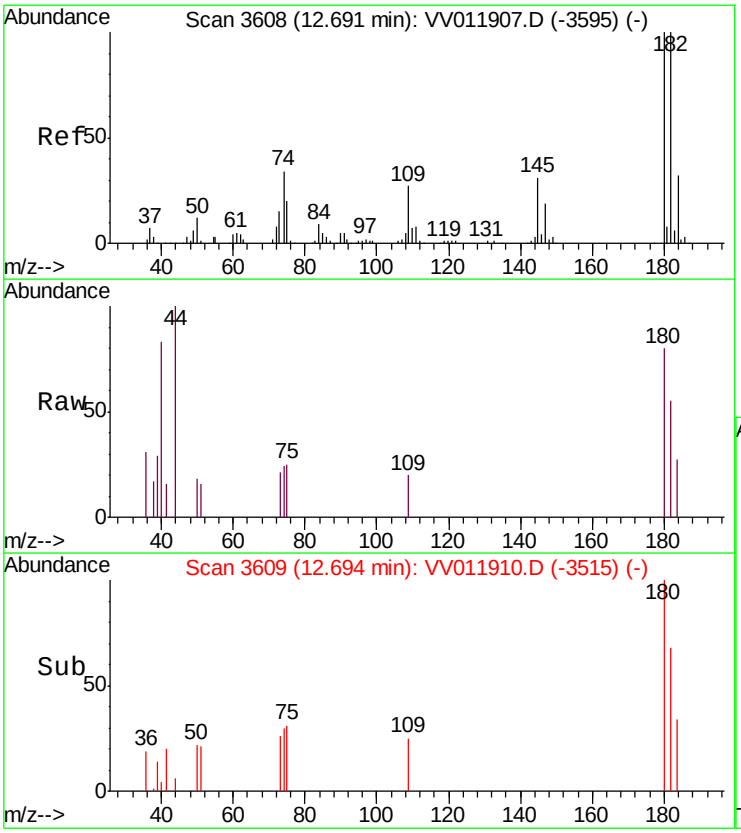
#58
1,1,2,2-Tetrachloroethane
Concen: 0.078 ug/L
RT: 10.27 min Scan# 2856
Delta R.T. -0.01 min
Lab File: VV011910.D
Acq: 17 Jul 2019 14:32

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 592

Ion	Ratio	Lower	Upper
83	100		
85	118.0	44.9	83.3#
131	128.1	8.2	12.2#

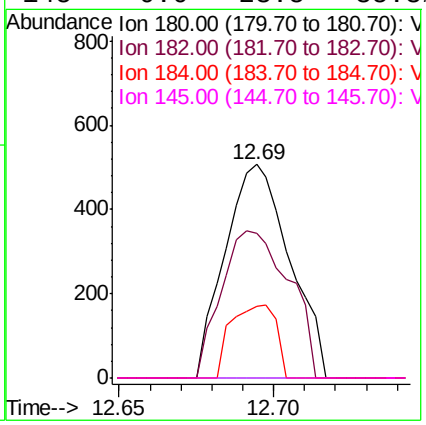


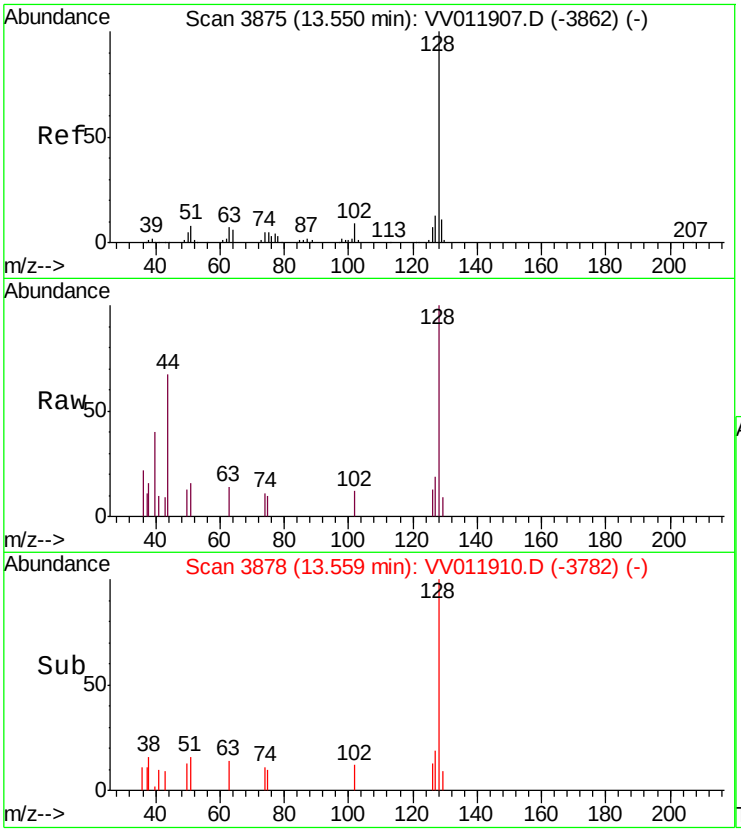


#67
1,3,5-Trichlorobenzene
Concen: 0.043 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VV011910.D
Acq: 17 Jul 2019 14:32

Tgt Ion:180 Resp: 738

Ion	Ratio	Lower	Upper
180	100		
182	72.4	75.5	113.3#
184	23.8	24.2	36.2#
145	0.0	23.5	35.3#





#69
Naphthalene
Concen: 0.107 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV011910.D
Acq: 17 Jul 2019 14:32

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion:128 Resp: 2198

Ion	Ratio	Lower	Upper
128	100		
129	3.2	8.6	13.0#
127	13.9	10.7	16.1