Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\

Quantitation Report (Not Reviewed)

Data File : VV011481.D
Acq On : 14 Jun 2019 02:09
Operator : SY/MD
Sample : K3313-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LY5

Quant Time: Jun 14 06:10:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 06:06:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128039	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	115100	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42628	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	47322	4.88	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%				
7) Chloroethane-d5	1.58	69	38394	4.76	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%				
11) 1,1-Dichloroethene-d2	2.12	63	90870	4.69	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%				
20) 2-Butanone-d5	3.98	46	107563	49.24	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.48%				
24) Chloroform-d	4.40	84	85338	5.00	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%				
26) 1,2-Dichloroethane-d4	5.08	65	49905	5.41	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.20%				
32) Benzene-d6	5.10	84	172807	5.02	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%				
36) 1,2-Dichloropropane-d6	6.12	67	53591	5.05	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%				
41) Toluene-d8	7.36	98	150146	4.75	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%				
43) trans-1,3-Dichloropropene-	7.67	79	15002	3.71	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.20%				
46) 2-Hexanone-d5	8.14	63	84776	49.63	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.26%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33496	4.63	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%				
64) 1,2-Dichlorobenzene-d4	11.67	152	43644	5.19	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.80%				
Target Compounds							Qvalue
3) Chloromethane	1.25	50	4270	0.350	ug/L		100
8) Chloroethane	1.53	64	15989	2.124	ug/L	#	60
12) 1,1-Dichloroethene	2.14	96	17602	2.182	ug/L	#	58
13) Acetone	2.24	43	2948	2.013	ug/L		86
22) cis-1,2-Dichloroethene	3.96	96	23430	2.342	ug/L		94
25) Chloroform	4.42	83	2846	0.155	ug/L		93
29) 1,1,1-Trichloroethane	4.65	97	7755	0.528	ug/L		93
34) Trichloroethene	5.96	95	1828	0.193	ug/L		88
35) Methylcyclohexane	6.12	83	13139	0.840	ug/L	#	17
37) 1,2-Dichloropropane	6.12	63	6707	0.736	ug/L	#	89
39) cis-1,3-Dichloropropene	7.04	75	1372	0.103	ug/L	#	73
44) trans-1,3-Dichloropropene	7.67	75	1022	0.101	ug/L		89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\

Quantitation Report (Not Reviewed)

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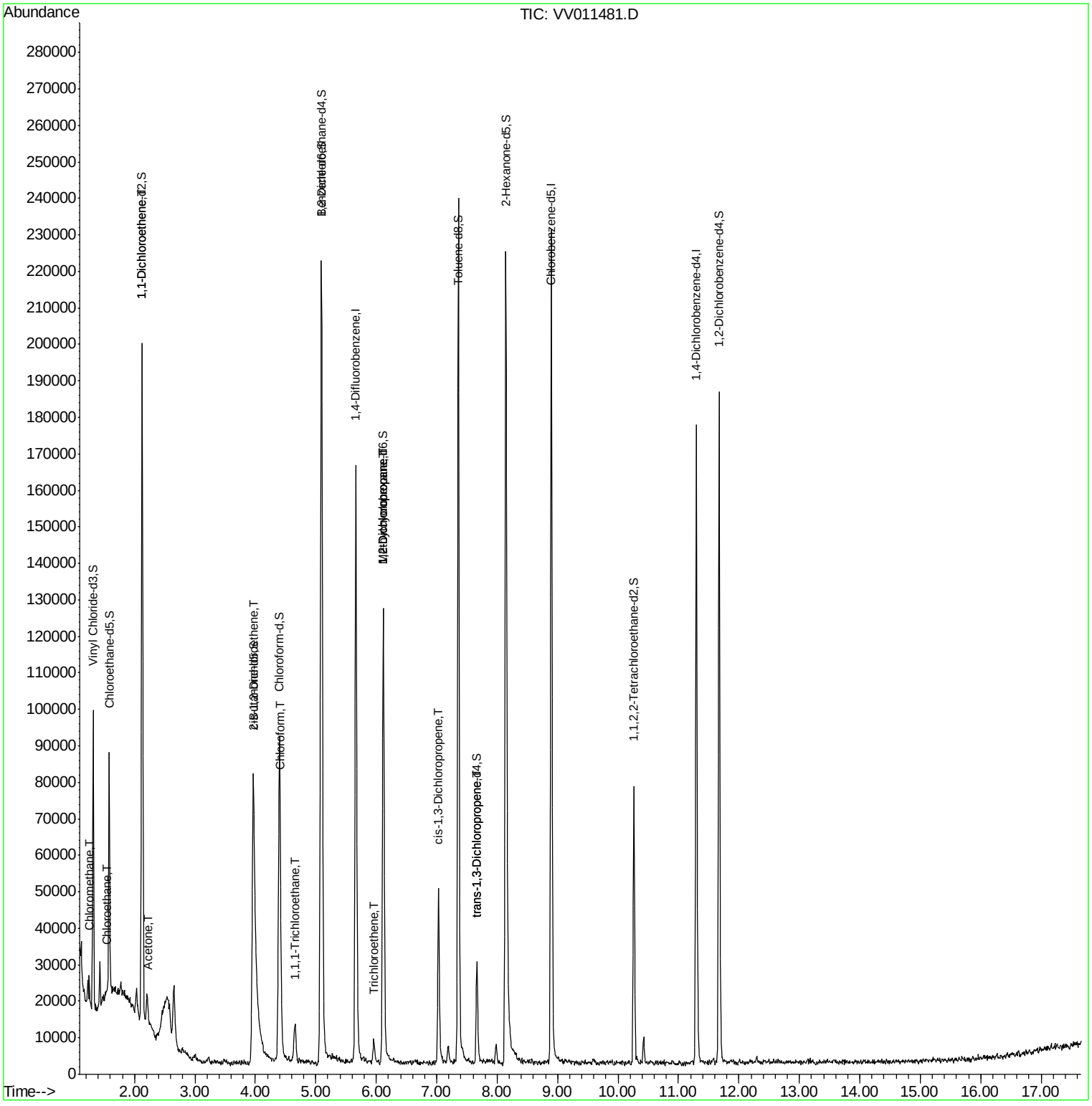
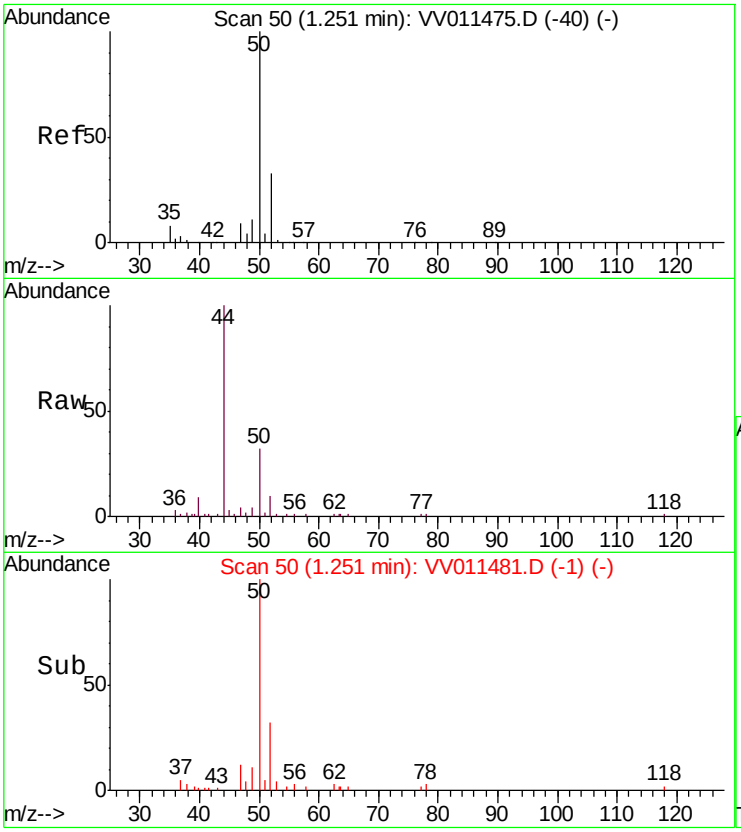
Quant Time: Jun 14 06:10:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 06:06:48 2019
Response via : Initial Calibration



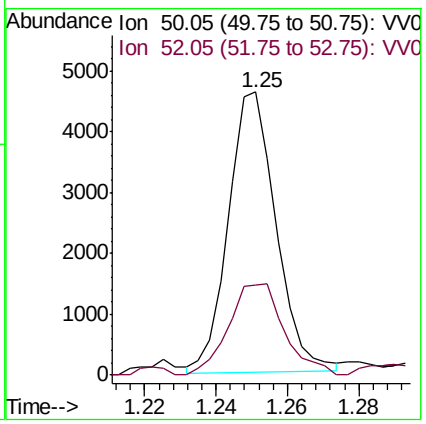


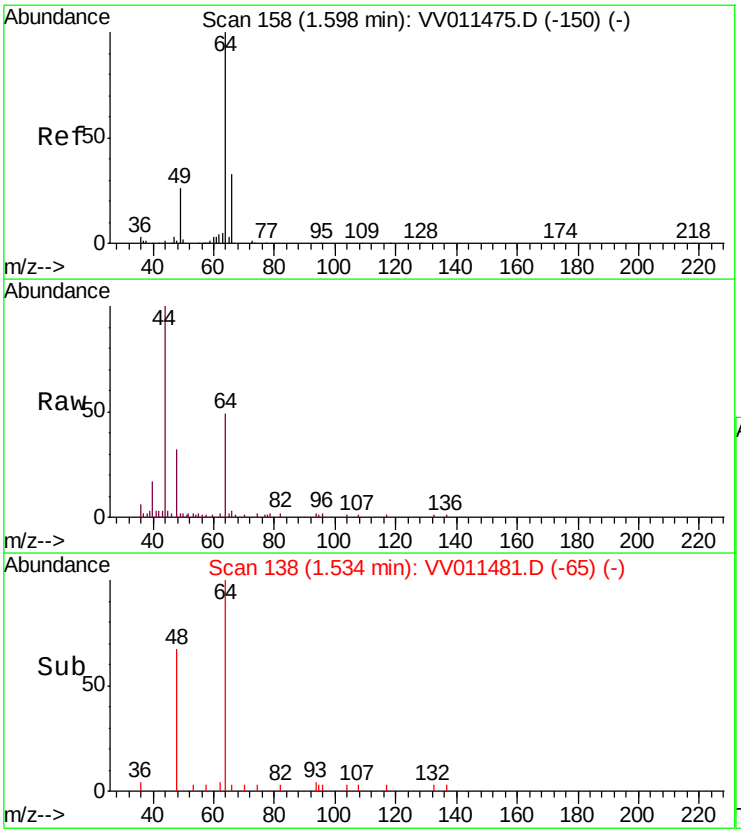
#3
Chloromethane
Concen: 0.350 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Instrument :
MSVOA_V
ClientSampleId :
C0LY5

Tgt Ion: 50 Resp: 4270

Ion	Ratio	Lower	Upper
50	100		
52	32.0	22.3	41.5

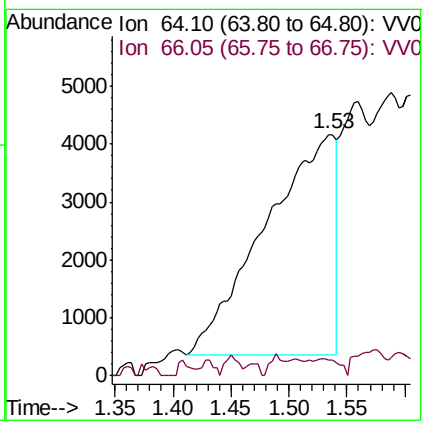


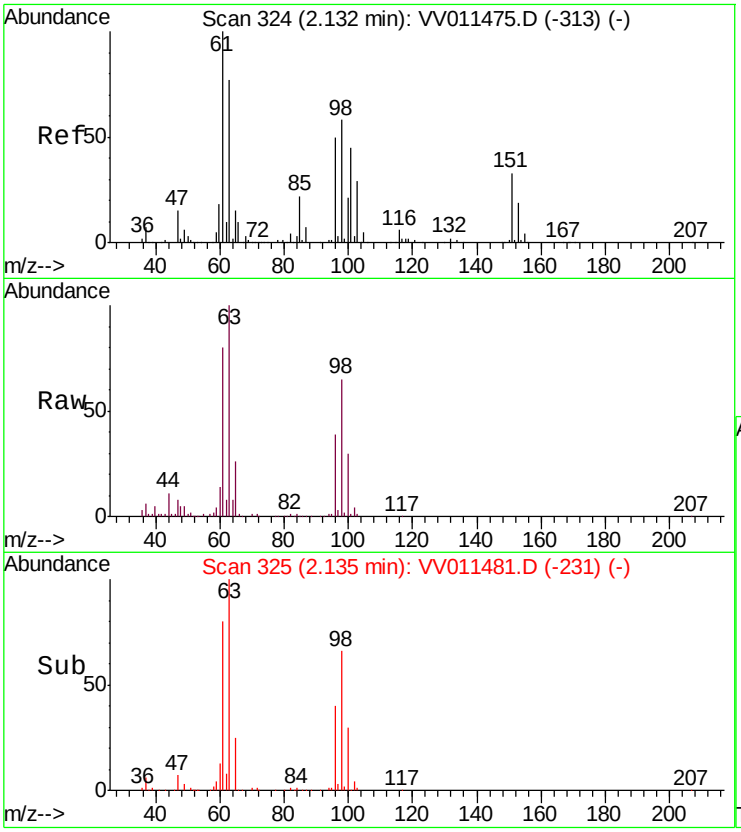


#8
Chloroethane
Concen: 2.124 ug/L
RT: 1.53 min Scan# 138
Delta R.T. -0.06 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Tgt Ion: 64 Resp: 15989

Ion	Ratio	Lower	Upper
64	100		
66	6.8	19.4	36.0#



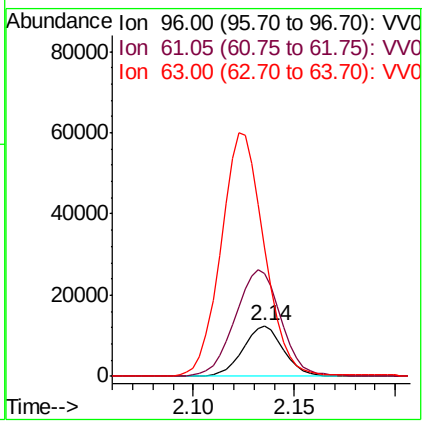


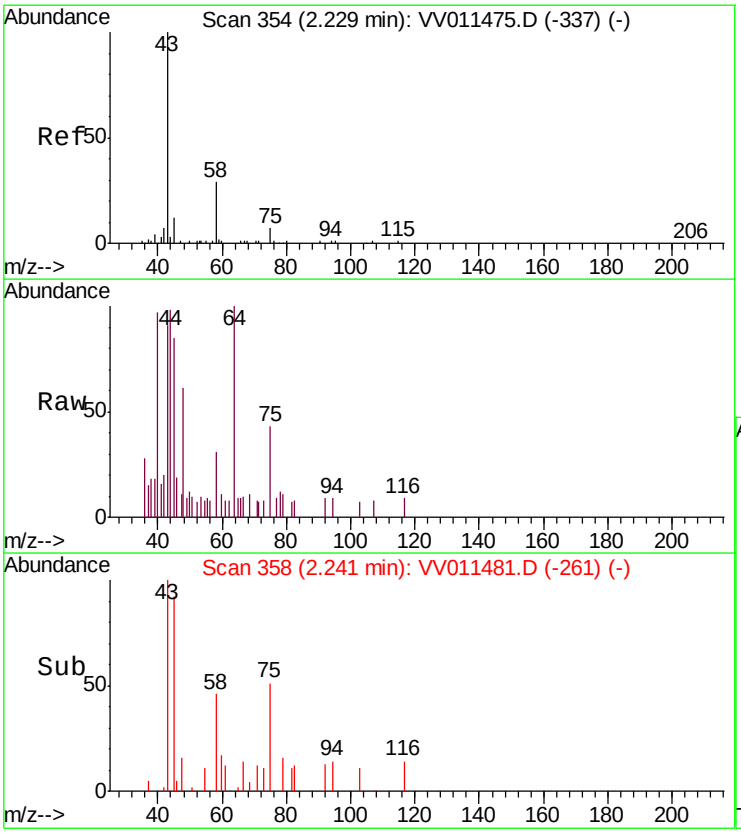
#12
1,1-Dichloroethene
Concen: 2.182 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Instrument : MSVOA_V
ClientSampleId : C0LY5

Tgt Ion: 96 Resp: 17602

Ion	Ratio	Lower	Upper
96	100		
61	203.7	139.8	259.6
63	254.1	94.3	175.1#

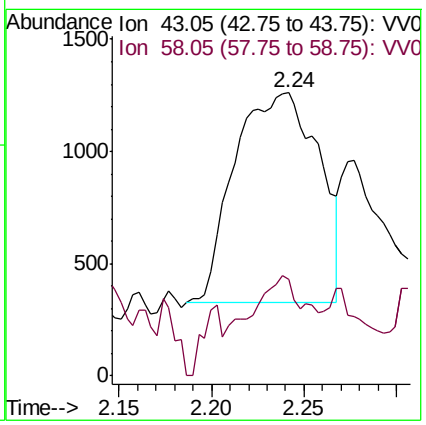


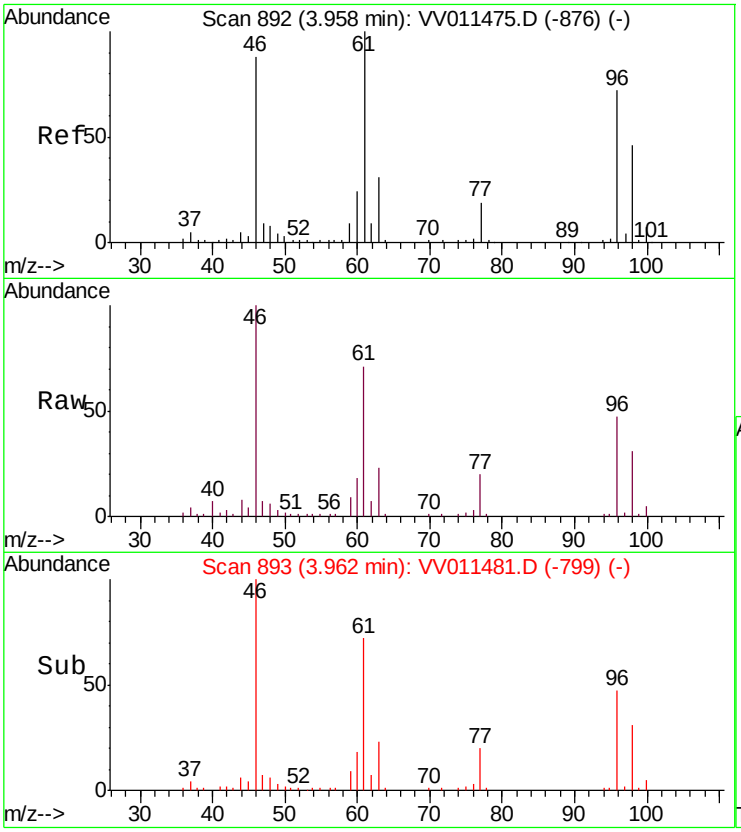


#13
Acetone
Concen: 2.013 ug/L
RT: 2.24 min Scan# 358
Delta R.T. 0.01 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Tgt Ion: 43 Resp: 2948

Ion	Ratio	Lower	Upper
43	100		
58	20.2	0.0	55.2



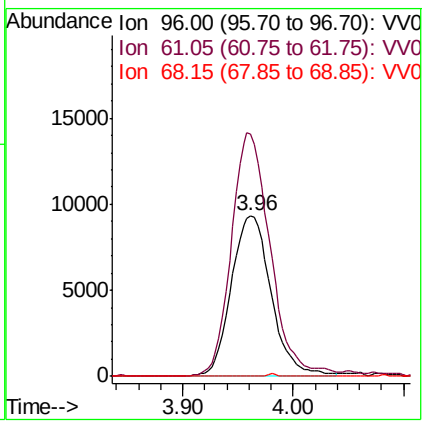


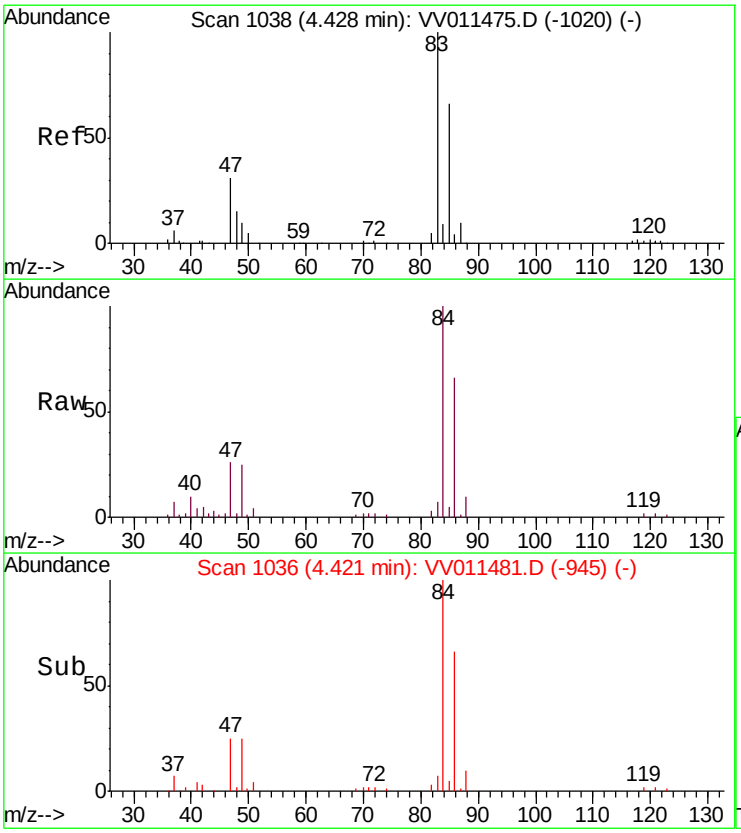
#22
cis-1,2-Dichloroethene
Concen: 2.342 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Instrument :
MSVOA_V
ClientSampleId :
C0LY5

Tgt Ion: 96 Resp: 23430

Ion	Ratio	Lower	Upper
96	100		
61	151.3	100.8	187.2
68	0.0	0.0	0.0

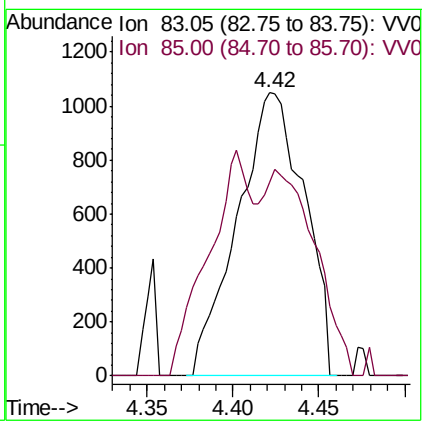


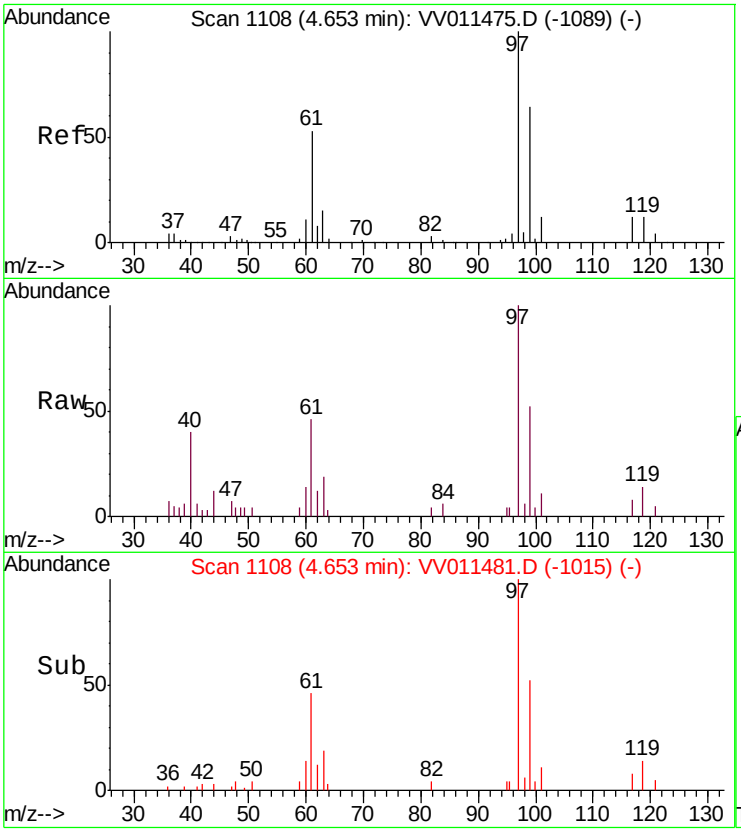


#25
Chloroform
Concen: 0.155 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Tgt Ion: 83 Resp: 2846

Ion	Ratio	Lower	Upper
83	100		
85	68.5	44.1	81.9



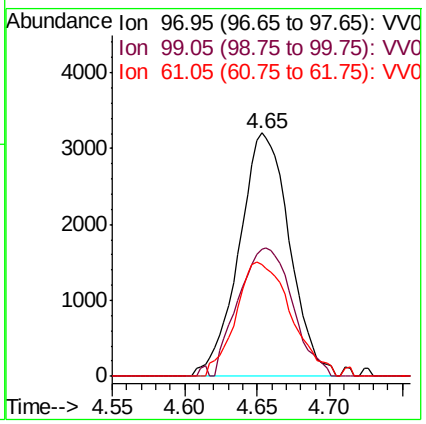


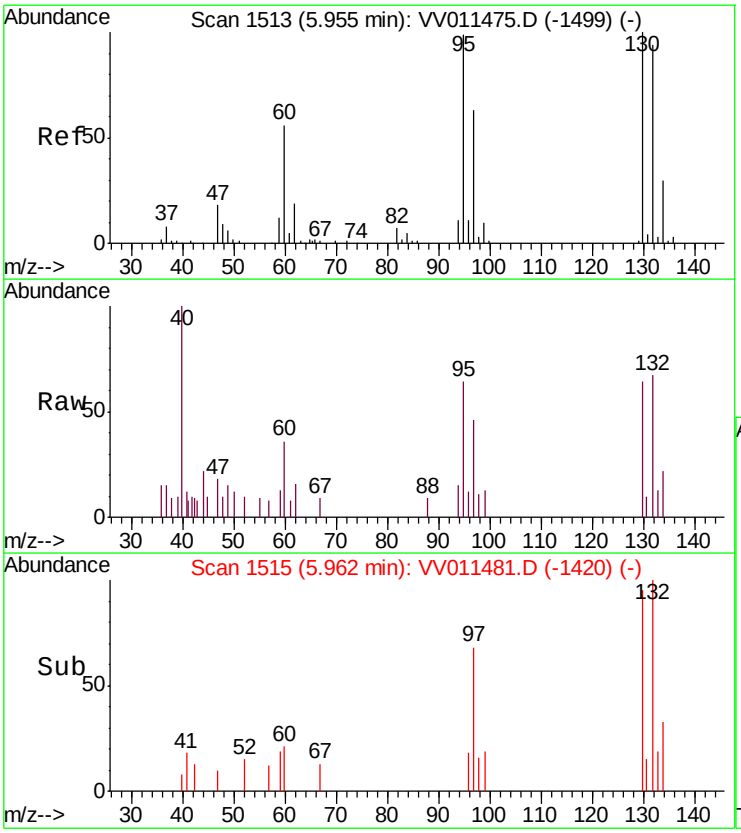
#29
1,1,1-Trichloroethane
Concen: 0.528 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Instrument : MSVOA_V
ClientSampleId : C0LY5

Tgt Ion: 97 Resp: 7755

Ion	Ratio	Lower	Upper
97	100		
99	56.5	50.8	76.2
61	51.2	38.9	58.3

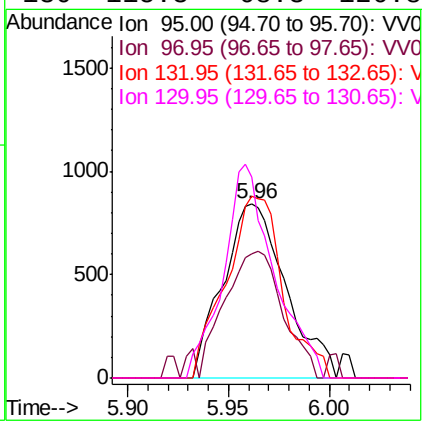


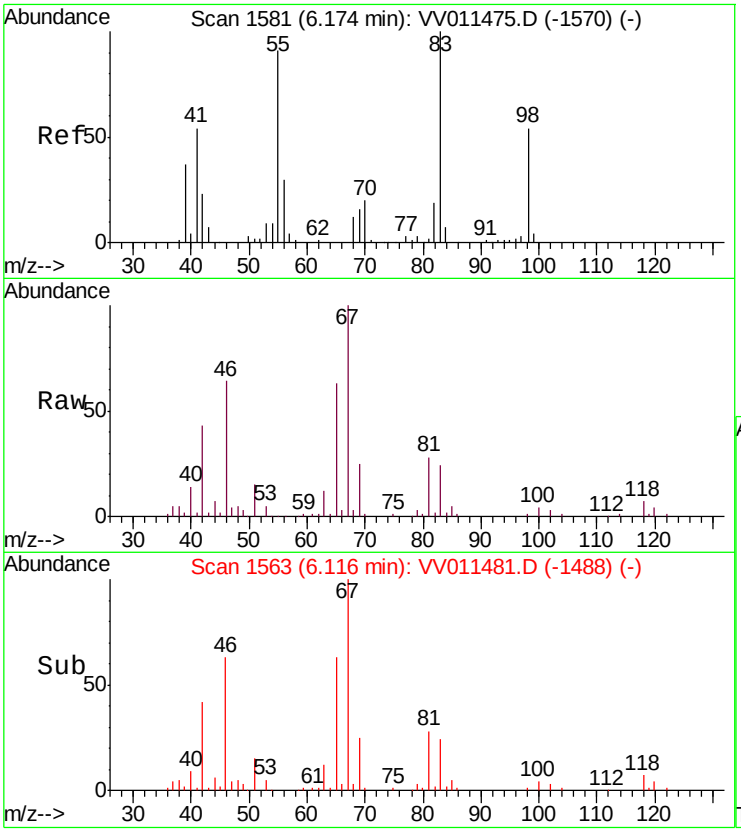


#34
Trichloroethene
Concen: 0.193 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Tgt Ion: 95 Resp: 1828

Ion	Ratio	Lower	Upper
95	100		
97	71.3	45.8	85.2
132	104.1	66.4	123.2
130	115.3	68.3	126.8



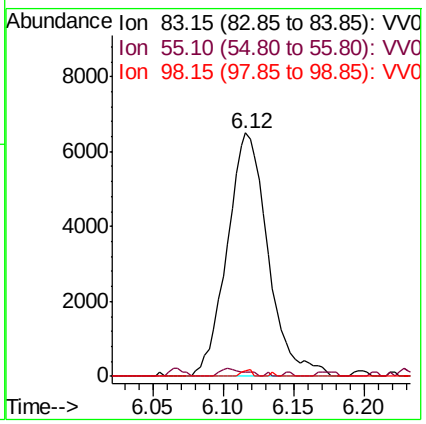


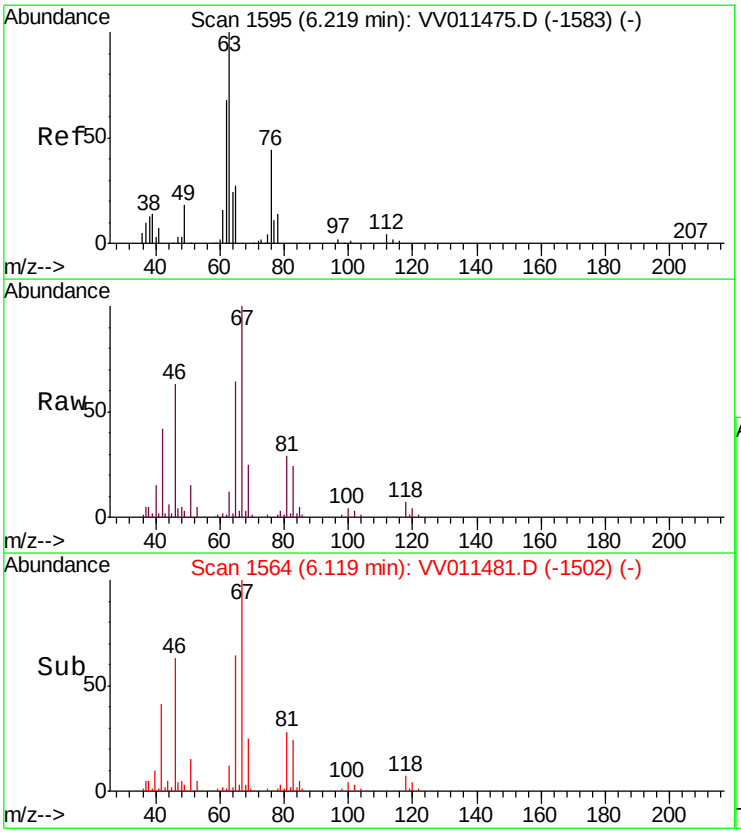
#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Instrument : MSVOA_V
ClientSampleId : C0LY5

Tgt Ion: 83 Resp: 13139

Ion	Ratio	Lower	Upper
83	100		
55	2.0	67.0	100.6#
98	0.6	40.0	60.0#

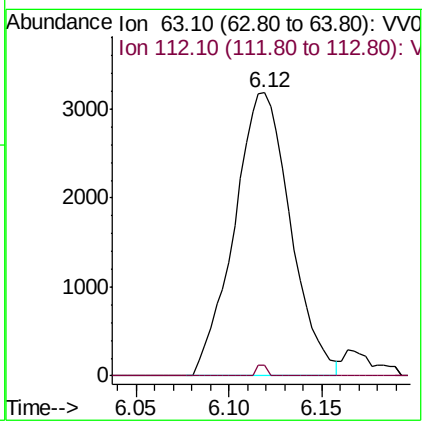


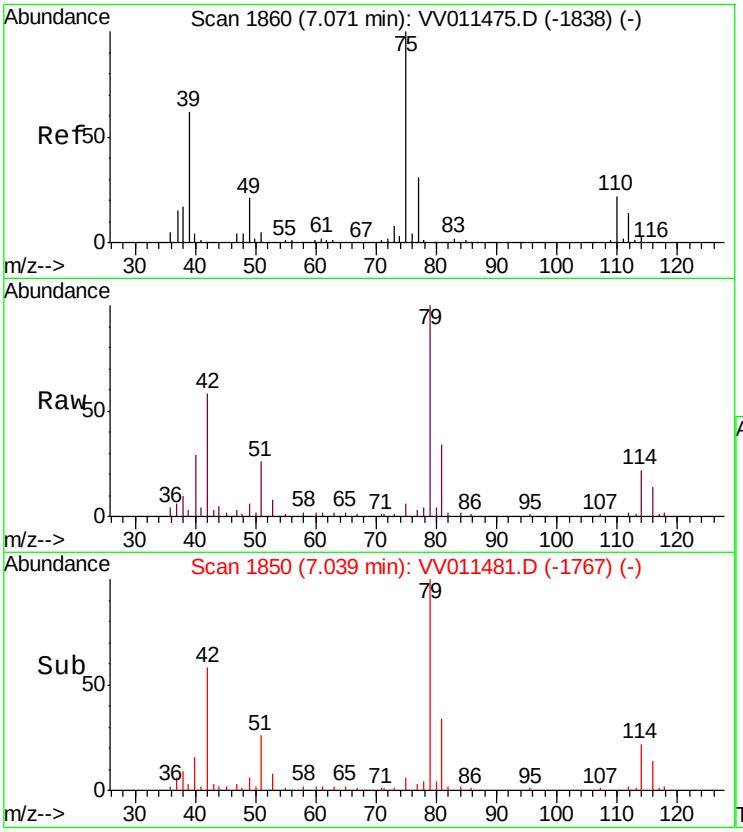


#37
1,2-Dichloropropane
Concen: 0.736 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Tgt Ion: 63 Resp: 6707

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.6	5.4#



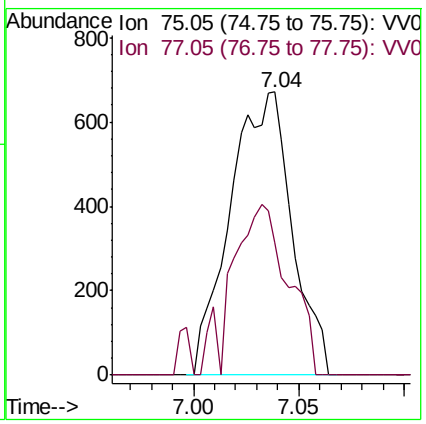


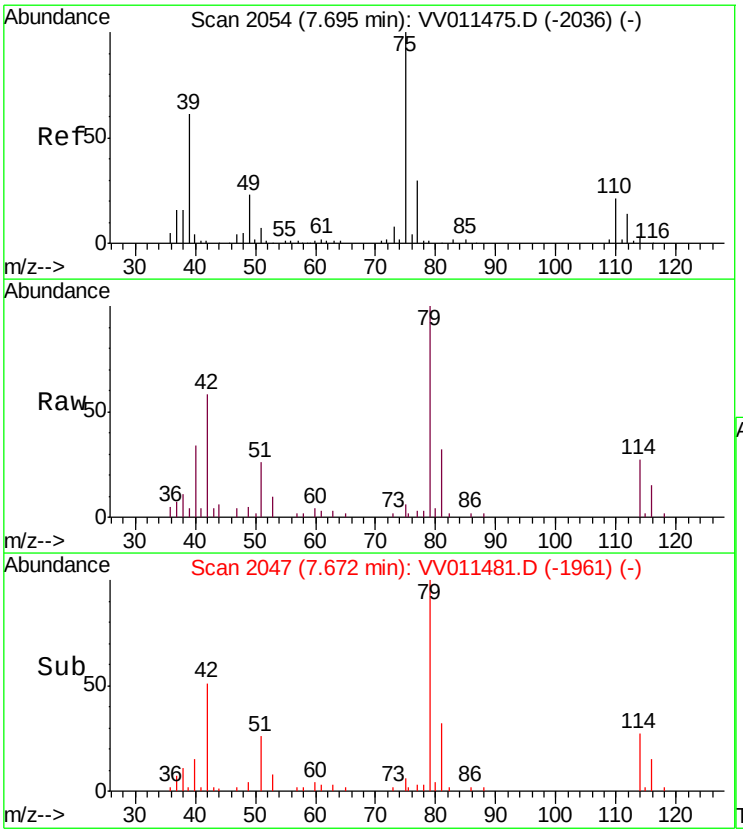
#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.04 min Scan# 1850
Delta R.T. -0.03 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Instrument :
MSVOA_V
ClientSampleId :
C0LY5

Tgt Ion: 75 Resp: 1372

Ion	Ratio	Lower	Upper
75	100		
77	46.9	22.2	41.2#





#44
trans-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.67 min Scan# 2047
Delta R.T. -0.02 min
Lab File: VV011481.D
Acq: 14 Jun 2019 02:09

Tgt Ion: 75 Resp: 1022

Ion	Ratio	Lower	Upper
75	100		
77	39.2	23.1	42.9