Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082219\

Quantitation Report (Not Reviewed)

Data File : VV012352.D
Acq On : 22 Aug 2019 17:07
Operator : SY/MD
Sample : K4485-13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2B89

Quant Time: Aug 23 07:00:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 06:55:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173464	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	165092	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	77899	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	37281	45.40	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.80%				
7) Chloroethane-d5	1.58	69	26322	44.70	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.40%				
11) 1,1-Dichloroethene-d2	2.13	63	55597	34.39	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.78%				
21) 2-Butanone-d5	3.93	46	66811	104.37	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.37%				
24) Chloroform-d	4.40	84	116452	49.89	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.78%				
26) 1,2-Dichloroethane-d4	5.08	65	89630	55.68	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.36%				
32) Benzene-d6	5.10	84	214422	48.70	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.40%				
36) 1,2-Dichloropropane-d6	6.12	67	56916	47.81	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.62%				
41) Toluene-d8	7.36	98	213586	49.78	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.56%				
43) trans-1,3-Dichloropropene-	7.66	79	35092	47.86	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.72%				
47) 2-Hexanone-d5	8.13	63	42217	85.92	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.92%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	83043	48.98	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.96%				
64) 1,2-Dichlorobenzene-d4	11.67	152	93950	54.86	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.72%				
Target Compounds							Qvalue
5) Vinyl chloride	1.33	62	110044	131.352	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	508	0.665	ug/L	#	13
12) 1,1-Dichloroethene	2.14	96	1145	1.641	ug/L	#	1
17) trans-1,2-Dichloroethene	2.79	96	18128	17.169	ug/L		100
20) cis-1,2-Dichloroethene	3.96	96	2093613	1781.835	ug/L		97
25) Chloroform	4.42	83	5436	2.483	ug/L		99
34) Trichloroethene	5.96	95	56949	46.724	ug/L		95
37) 1,2-Dichloropropane	6.12	63	8475	8.984	ug/L	#	82
39) cis-1,3-Dichloropropene	7.03	75	2232	1.275	ug/L		84
44) trans-1,3-Dichloropropene	7.67	75	1793	1.074	ug/L		83
48) 2-Hexanone	8.18	43	1834	1.915	ug/L	#	53
59) 1,2,3-Trichloropropane	11.29	75	6434	4.786	ug/L	#	78

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082219\

Quantitation Report (Not Reviewed)

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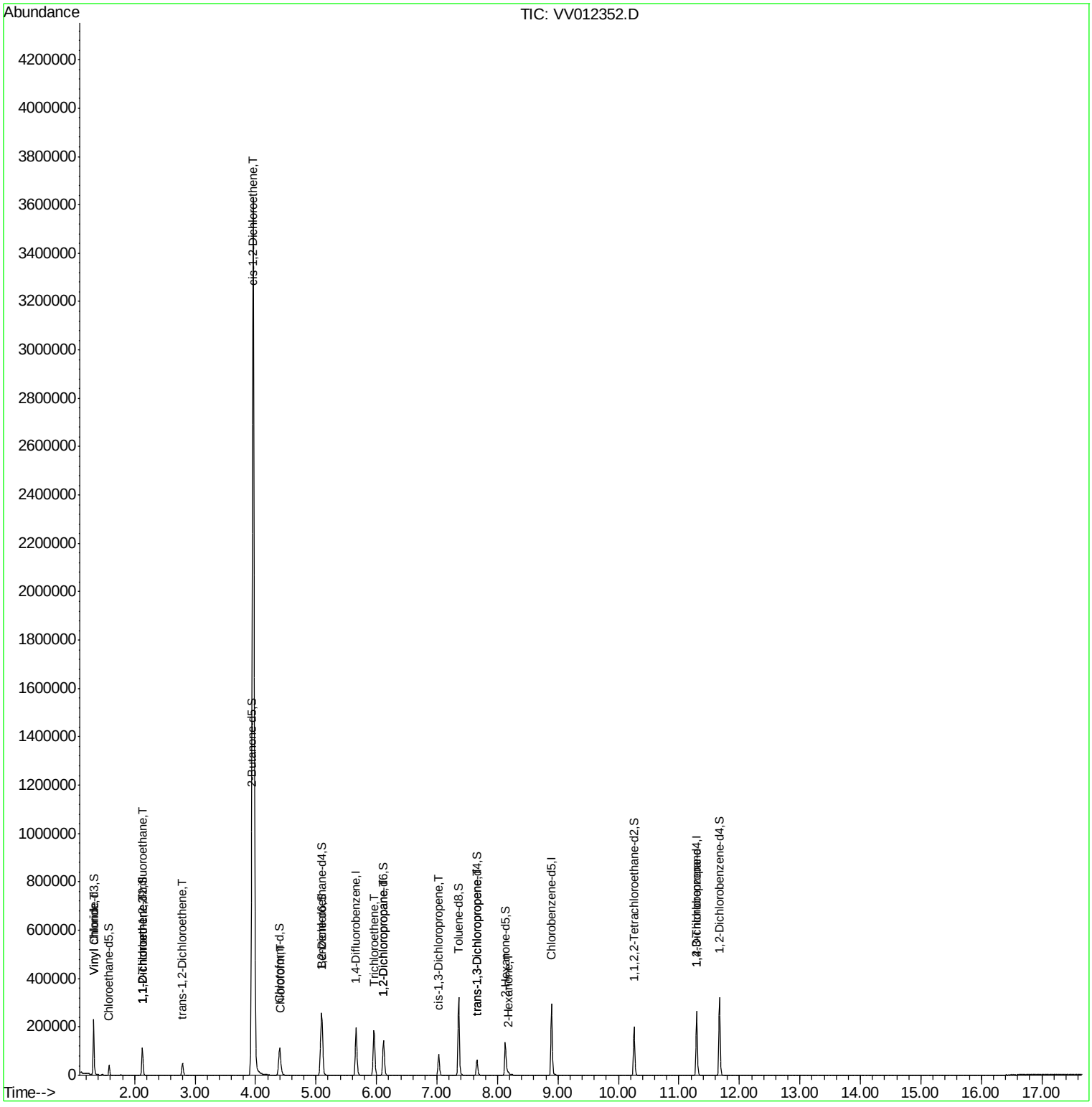
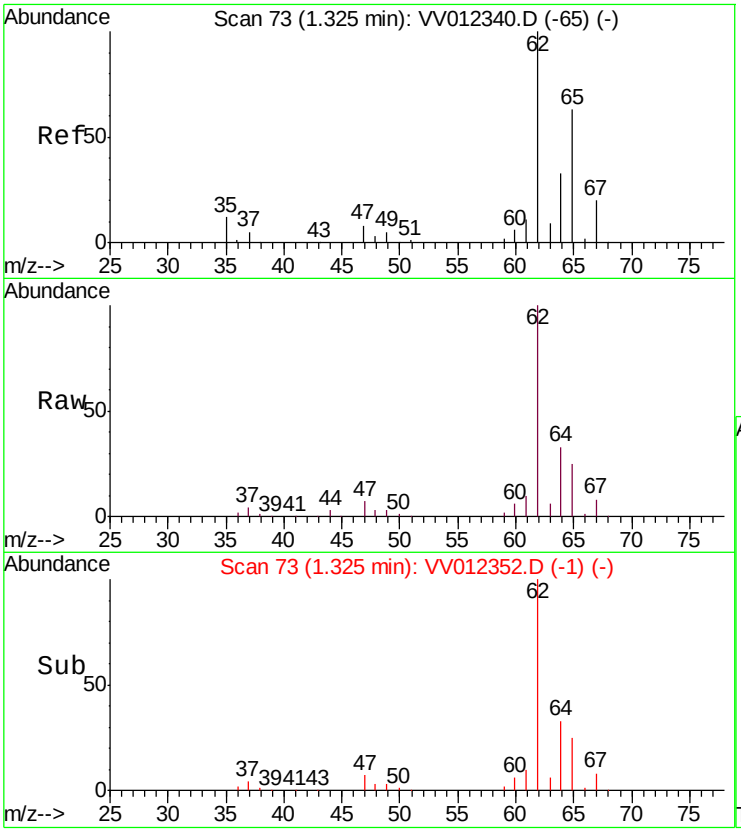
MSVOA_V
ClientSampleId :
F2B89

Quant Time: Aug 23 07:00:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 06:55:48 2019
Response via : Initial Calibration



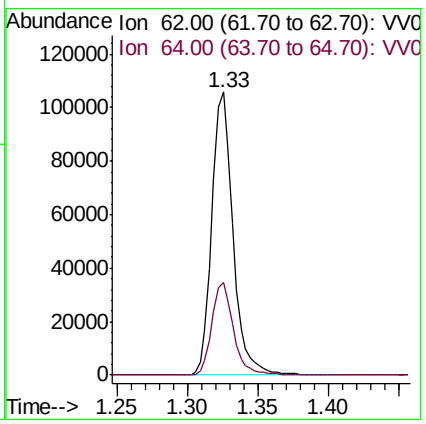


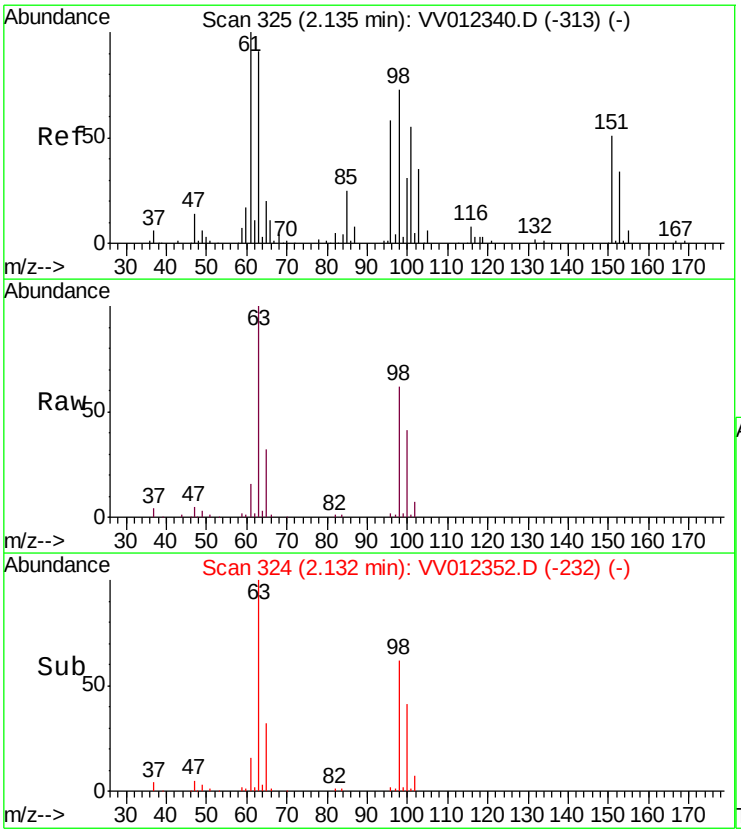
#5
Vinyl chloride
Concen: 131.352 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Instrument :
MSVOA_V
ClientSampleId :
F2B89

Tgt Ion: 62 Resp: 110044

Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.5	43.7

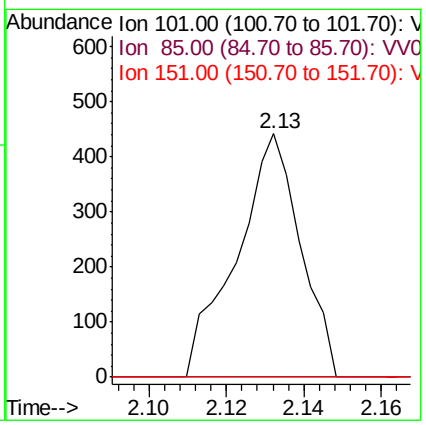


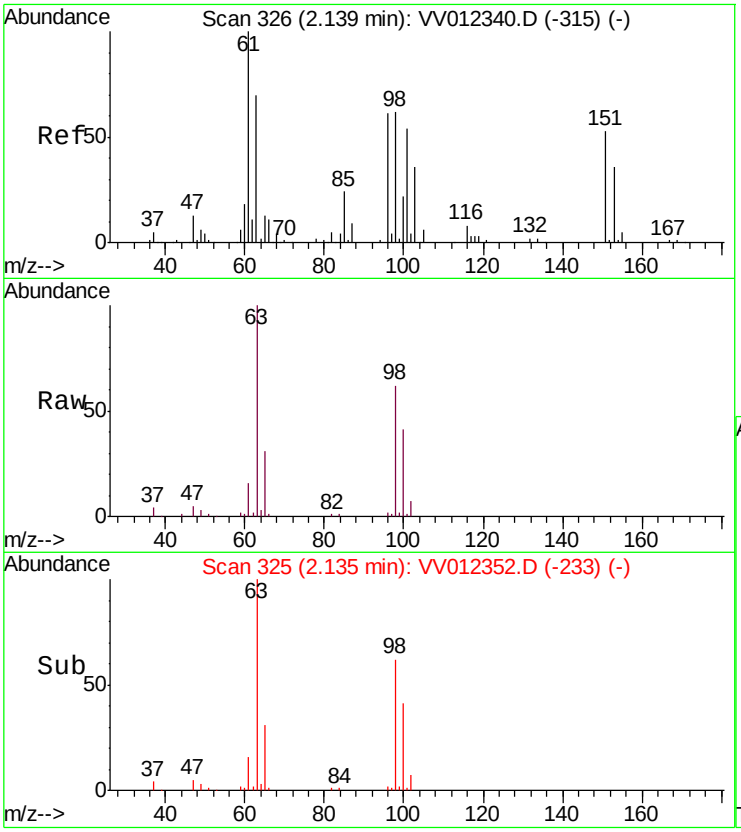


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.665 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Tgt Ion:101 Resp: 508

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.7	50.5#
151	0.0	73.0	109.6#



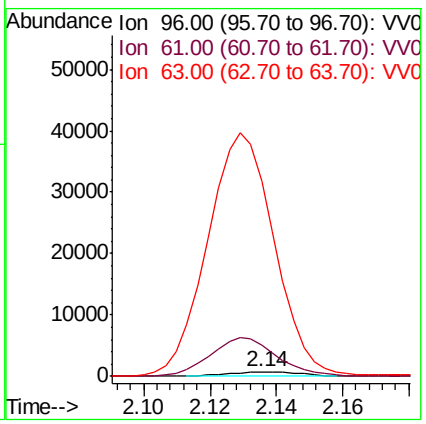


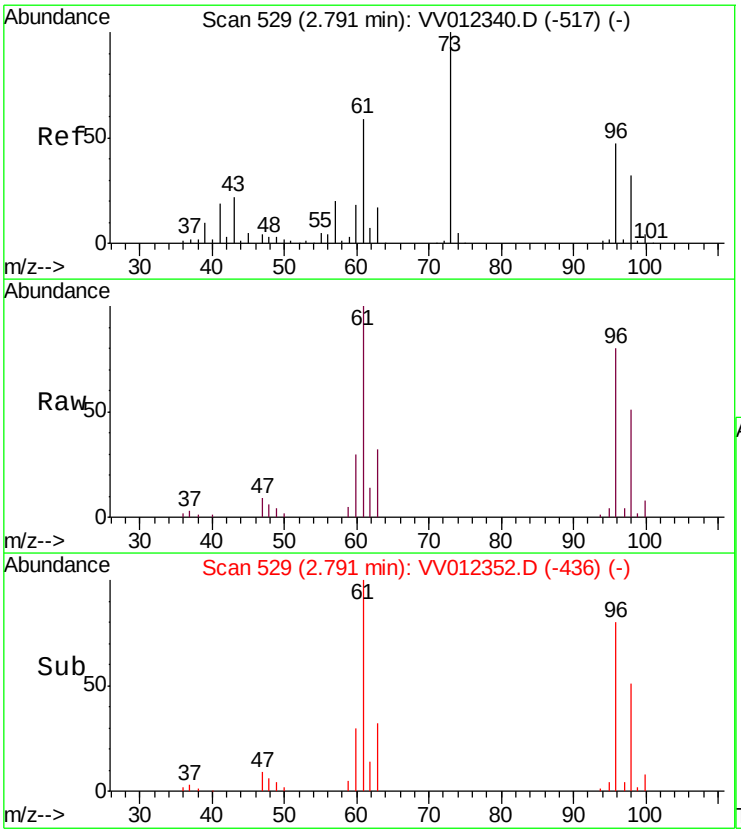
#12
1,1-Dichloroethene
Concen: 1.641 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Instrument : MSVOA_V
ClientSampleId : F2B89

Tgt Ion: 96 Resp: 1145

Ion	Ratio	Lower	Upper
96	100		
61	705.2	122.6	227.8#
63	4445.2	98.6	183.2#

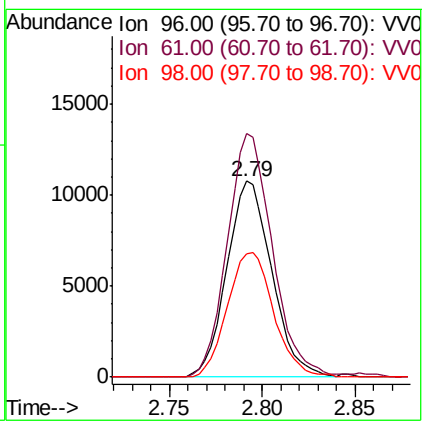


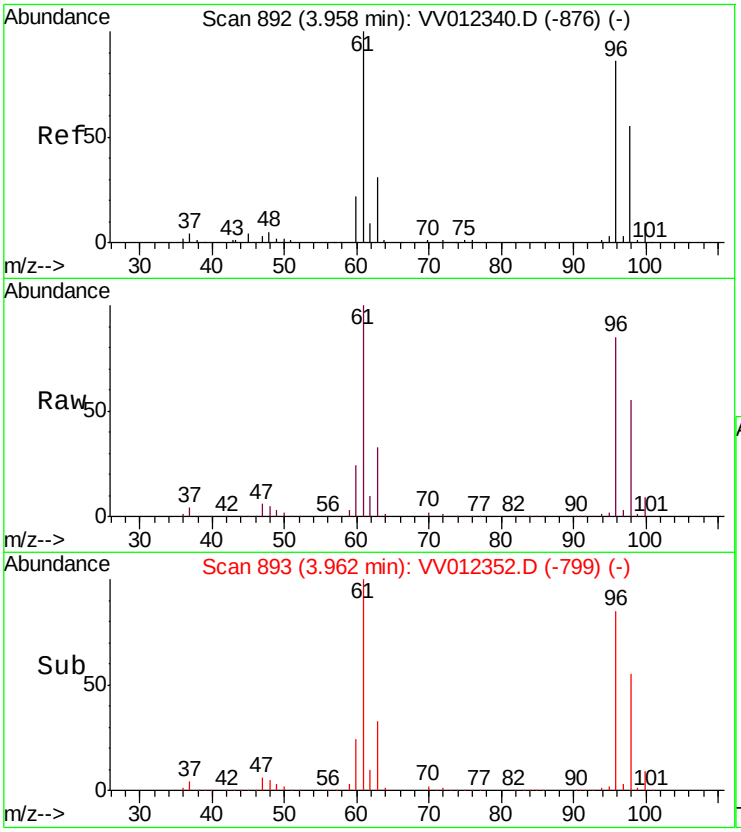


#17
trans-1,2-Dichloroethene
Concen: 17.169 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Tgt Ion: 96 Resp: 18128

Ion	Ratio	Lower	Upper
96	100		
61	124.4	87.0	161.6
98	63.2	43.8	81.4



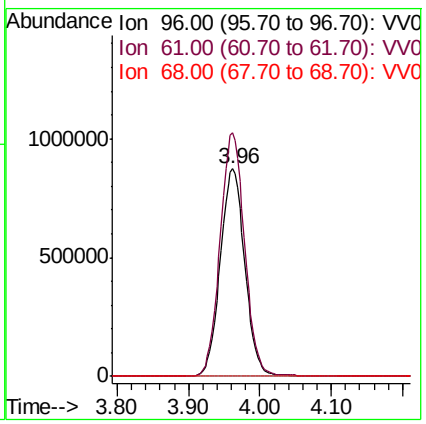


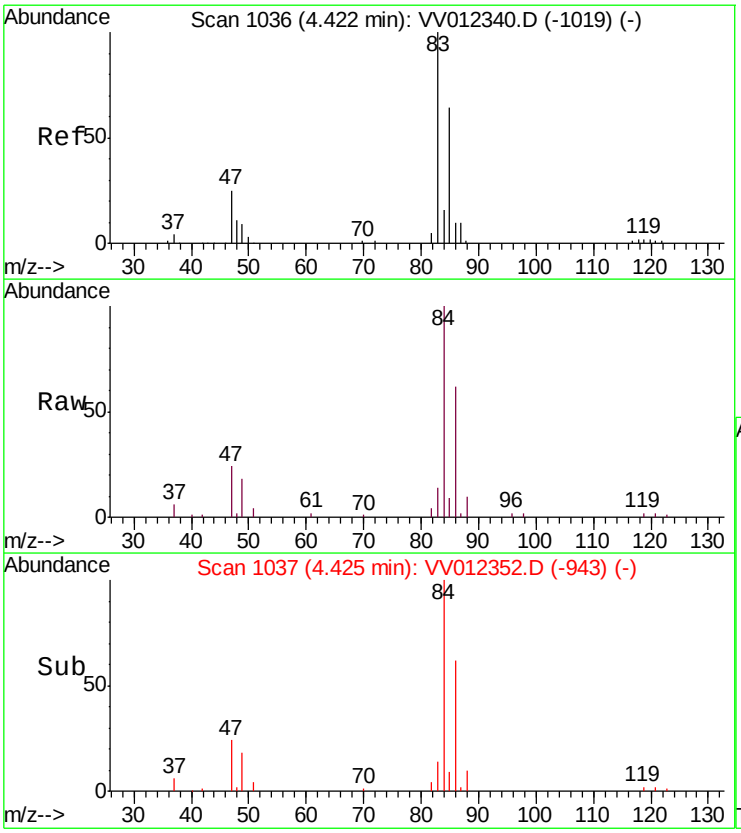
#20
cis-1,2-Dichloroethene
Concen: 1781.835 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Instrument :
MSVOA_V
ClientSampleId :
F2B89

Tgt Ion: 96 Resp: 2093613

Ion	Ratio	Lower	Upper
96	100		
61	117.3	84.4	156.7
68	0.0	0.0	0.0

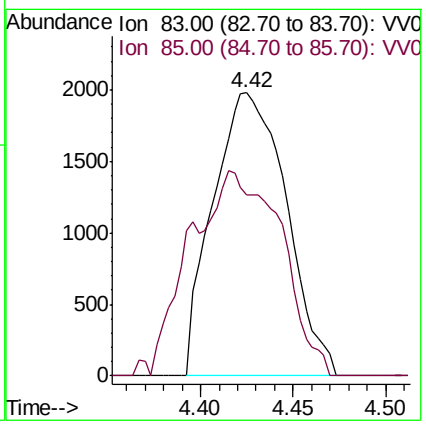


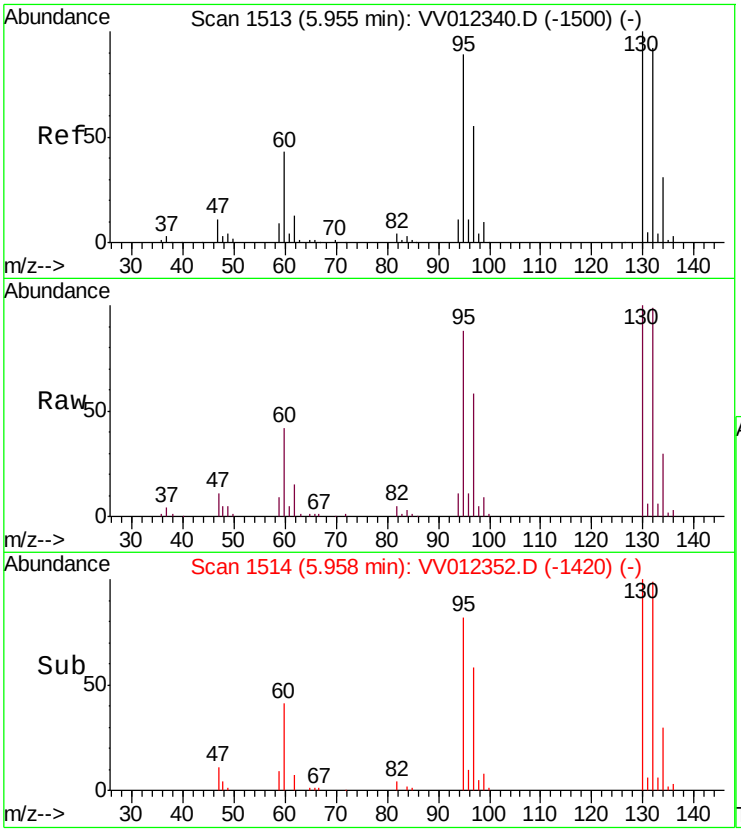


#25
Chloroform
Concen: 2.483 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Tgt Ion: 83 Resp: 5436

Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.5	82.7



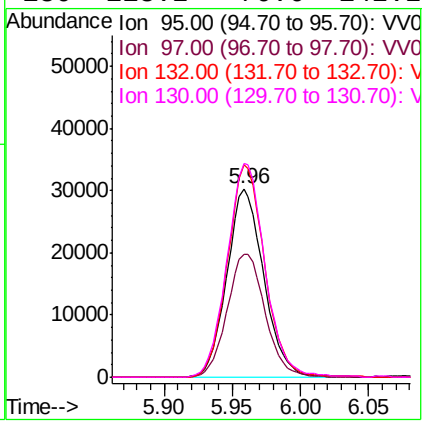


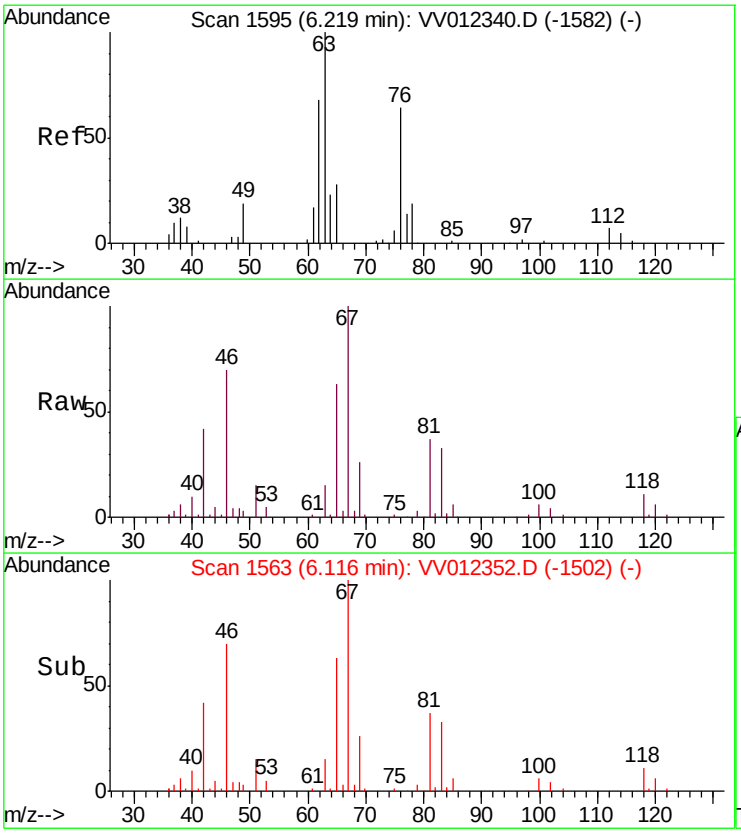
#34
Trichloroethene
Concen: 46.724 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Instrument :
MSVOA_V
ClientSampleId :
F2B89

Tgt Ion: 95 Resp: 56949

Ion	Ratio	Lower	Upper
95	100		
97	65.5	43.6	81.0
132	112.6	73.9	137.3
130	113.2	76.6	142.2

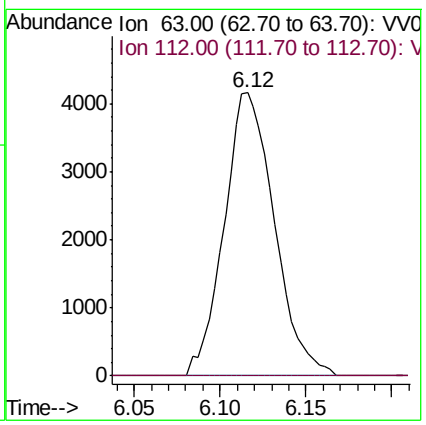


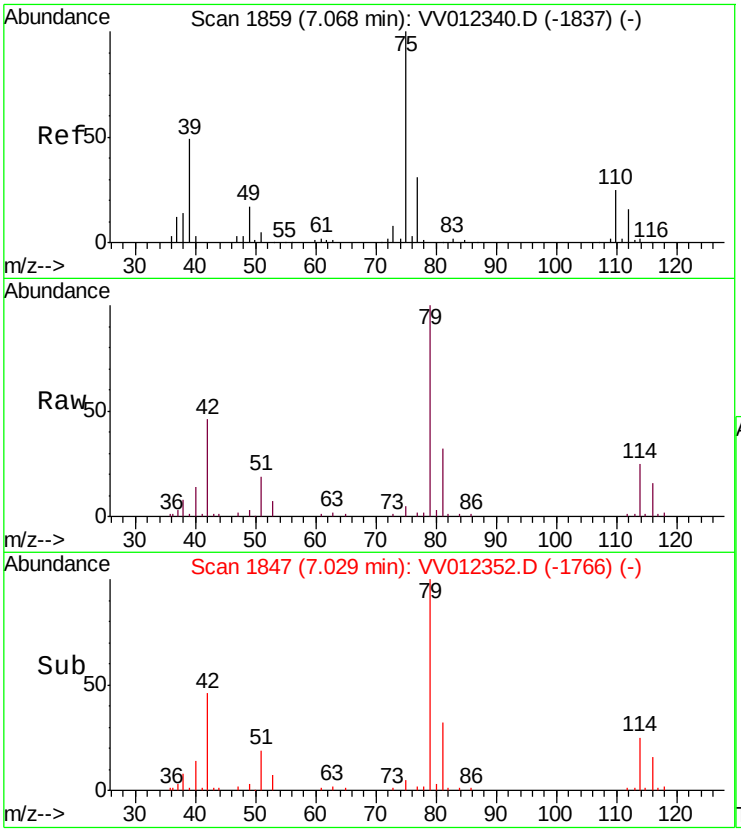


#37
1,2-Dichloropropane
Concen: 8.984 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Tgt Ion: 63 Resp: 8475

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#



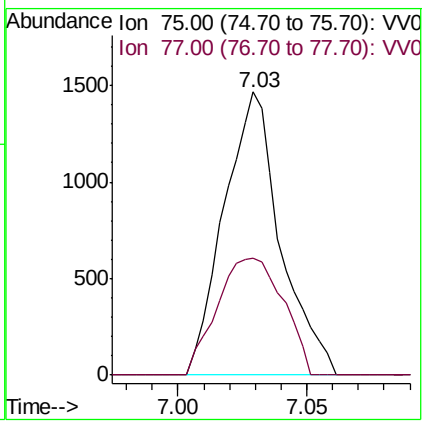


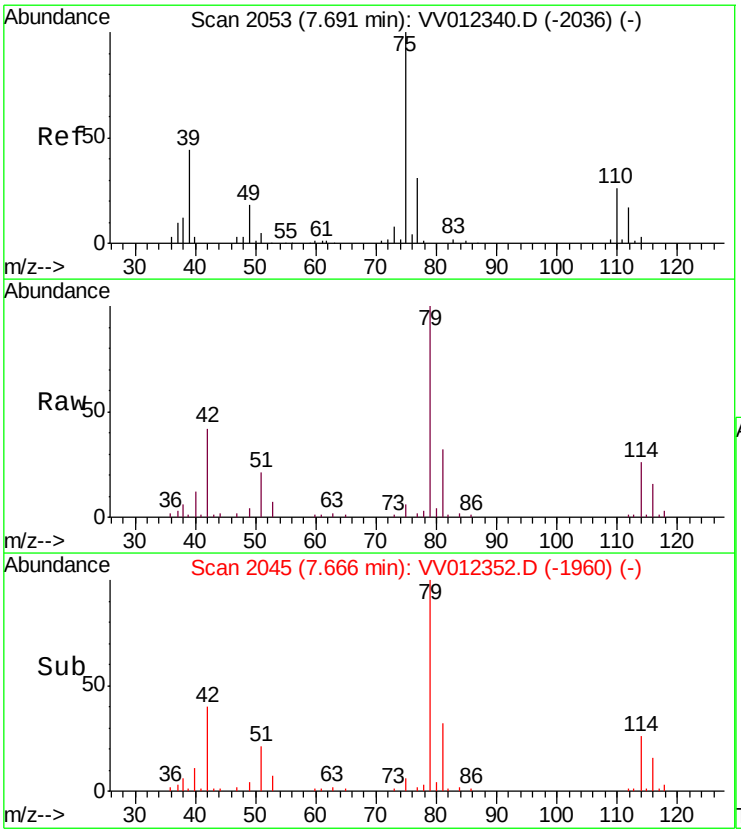
#39
cis-1,3-Dichloropropene
Concen: 1.275 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Instrument :
MSVOA_V
ClientSampleId :
F2B89

Tgt Ion: 75 Resp: 2232

Ion	Ratio	Lower	Upper
75	100		
77	41.1	22.5	41.7

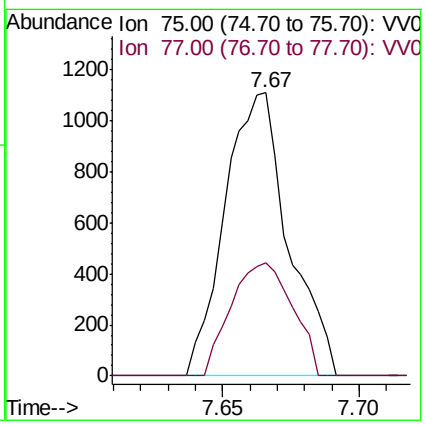


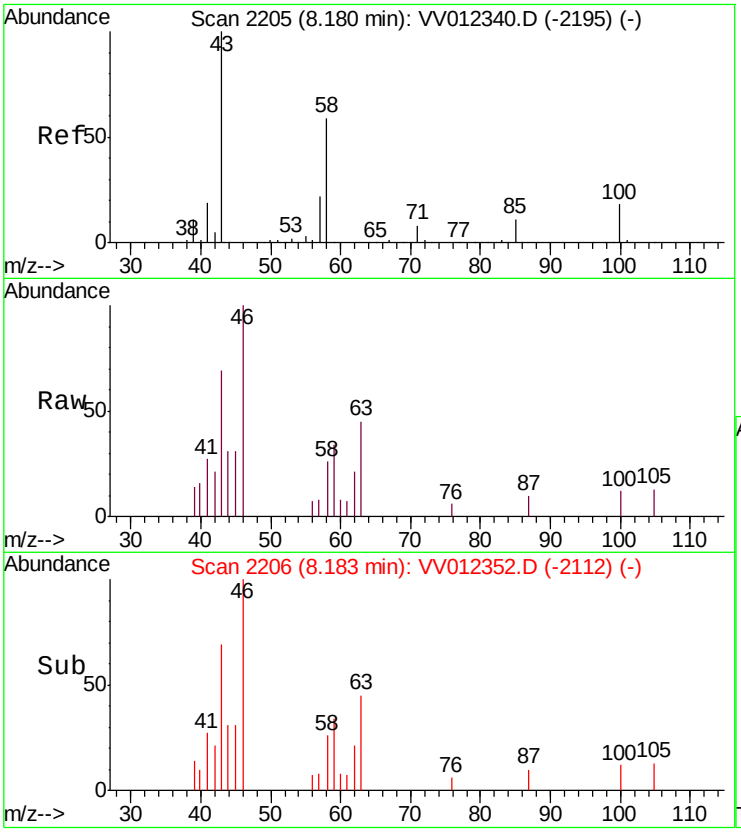


#44
trans-1,3-Dichloropropene
Concen: 1.074 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Tgt Ion: 75 Resp: 1793

Ion	Ratio	Lower	Upper
75	100		
77	40.1	21.7	40.3



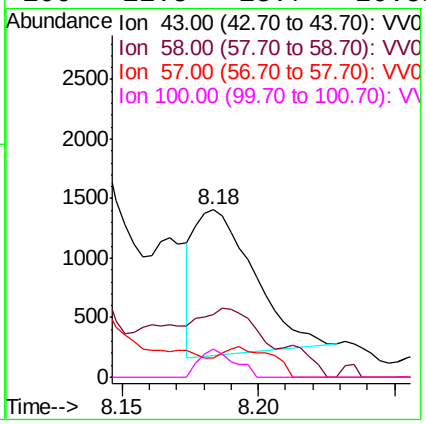


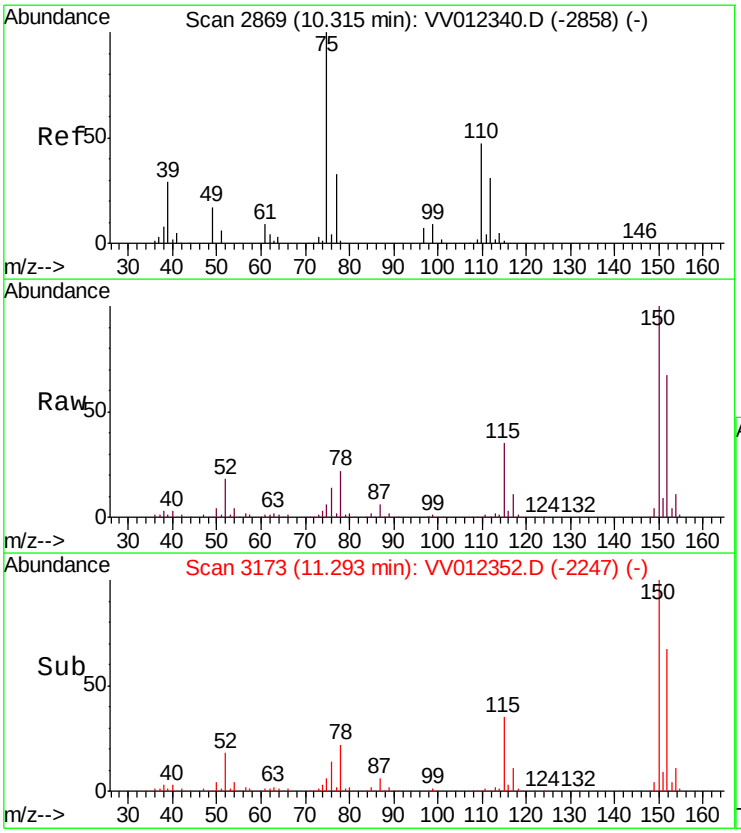
#48
2-Hexanone
Concen: 1.915 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Instrument : MSVOA_V
ClientSampleId : F2B89

Tgt Ion: 43 Resp: 1834

Ion	Ratio	Lower	Upper
43	100		
58	3.1	45.7	68.5#
57	18.9	16.8	25.2
100	11.5	13.7	20.5#





#59
1,2,3-Trichloropropane
Concen: 4.786 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012352.D
Acq: 22 Aug 2019 17:07

Tgt Ion: 75 Resp: 6434

Ion	Ratio	Lower	Upper
75	100		
77	46.1	26.8	40.2#