Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081019\

Quantitation Report (Not Reviewed)

Data File : VV012165.D
Acq On : 09 Aug 2019 22:00
Operator : SY/MD
Sample : K4248-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2B05

Quant Time: Aug 10 05:10:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	272345	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	251129	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	111816	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	52216	52.11	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.22%				
7) Chloroethane-d5	1.58	69	33847	52.98	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.96%				
11) 1,1-Dichloroethene-d2	2.13	63	70763	37.36	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.72%				
21) 2-Butanone-d5	3.93	46	38101	76.91	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.91%				
24) Chloroform-d	4.40	84	99041	47.58	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.16%				
26) 1,2-Dichloroethane-d4	5.08	65	65146	54.58	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.16%				
32) Benzene-d6	5.10	84	211421	54.30	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.60%				
36) 1,2-Dichloropropane-d6	6.12	67	56460	53.31	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.62%				
41) Toluene-d8	7.36	98	192989	52.03	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.06%				
43) trans-1,3-Dichloropropene-	7.66	79	28811	50.20	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.40%				
47) 2-Hexanone-d5	8.13	63	41778	103.11	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.11%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	74006	50.97	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.94%				
64) 1,2-Dichlorobenzene-d4	11.67	152	71857	54.37	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.74%				
Target Compounds							Qvalue
5) Vinyl chloride	1.32	62	165309	109.785	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	718	0.598	ug/L	#	21
12) 1,1-Dichloroethene	2.14	96	1962	1.776	ug/L	#	1
17) trans-1,2-Dichloroethene	2.79	96	59860	37.133	ug/L		97
18) Methyl tert-butyl Ether	2.80	73	4410	0.850	ug/L	#	70
20) cis-1,2-Dichloroethene	3.96	96	1609163	878.646	ug/L		97
25) Chloroform	4.43	83	3402	1.069	ug/L		97
33) Benzene	5.15	78	5914	0.932	ug/L		100
34) Trichloroethene	5.96	95	533231	307.764	ug/L		97
35) Methylcyclohexane	6.18	83	3011	1.116	ug/L	#	84
37) 1,2-Dichloropropane	6.12	63	6179	4.047	ug/L	#	84
39) cis-1,3-Dichloropropene	7.03	75	1598	0.607	ug/L	#	54
44) trans-1,3-Dichloropropene	7.66	75	1322	0.556	ug/L		87
45) 1,1,2-Trichloroethane	8.02	97	2444	1.446	ug/L	#	16
46) Tetrachloroethene	8.02	164	317489	191.697	ug/L		98
59) 1,2,3-Trichloropropane	11.29	75	9640	4.679	ug/L	#	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081019\

Quantitation Report (Not Reviewed)

Data File : VV012165.D
Acq On : 09 Aug 2019 22:00
Operator : SY/MD
Sample : K4248-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B05

Quant Time: Aug 10 05:10:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

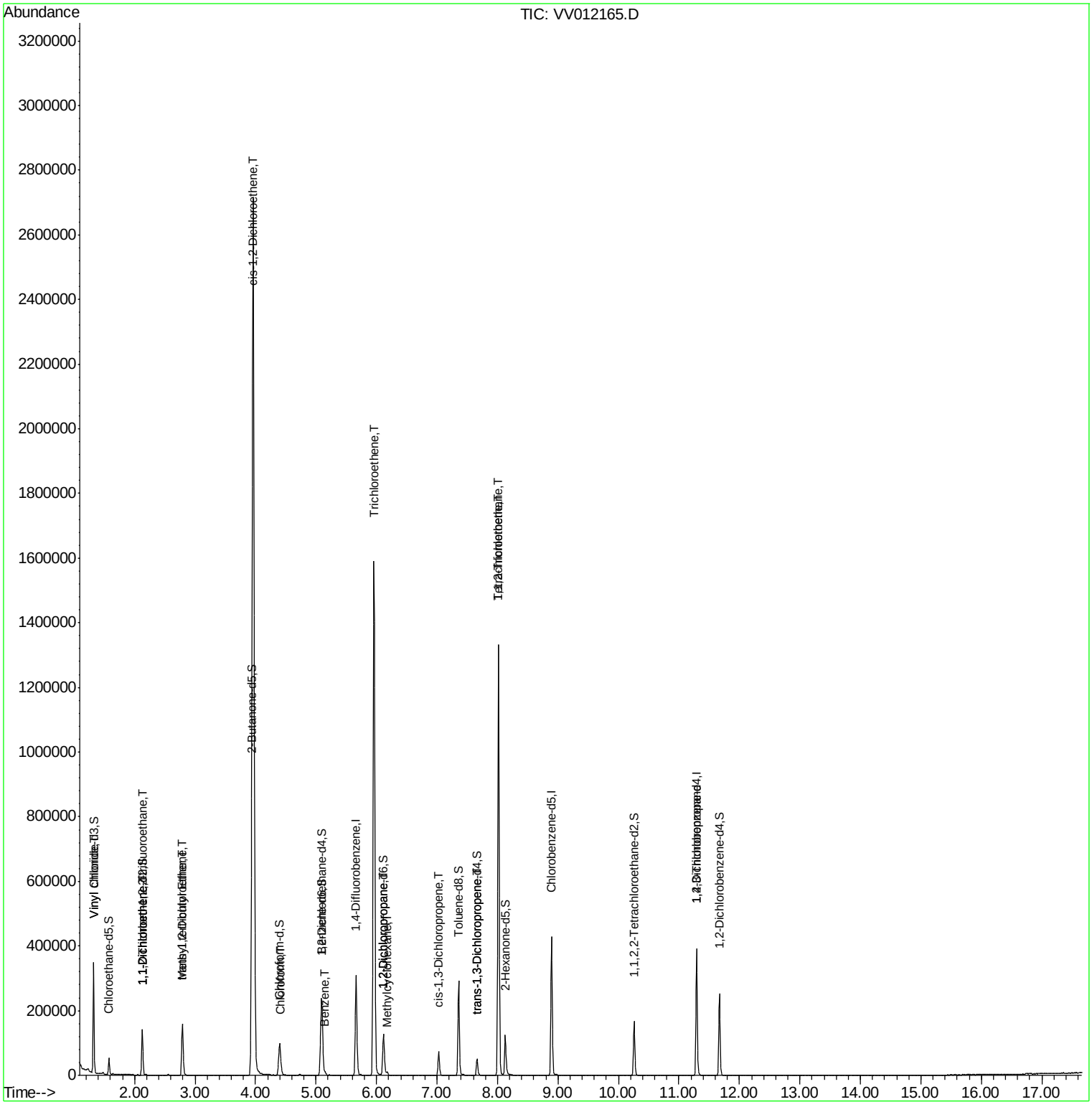
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081019\

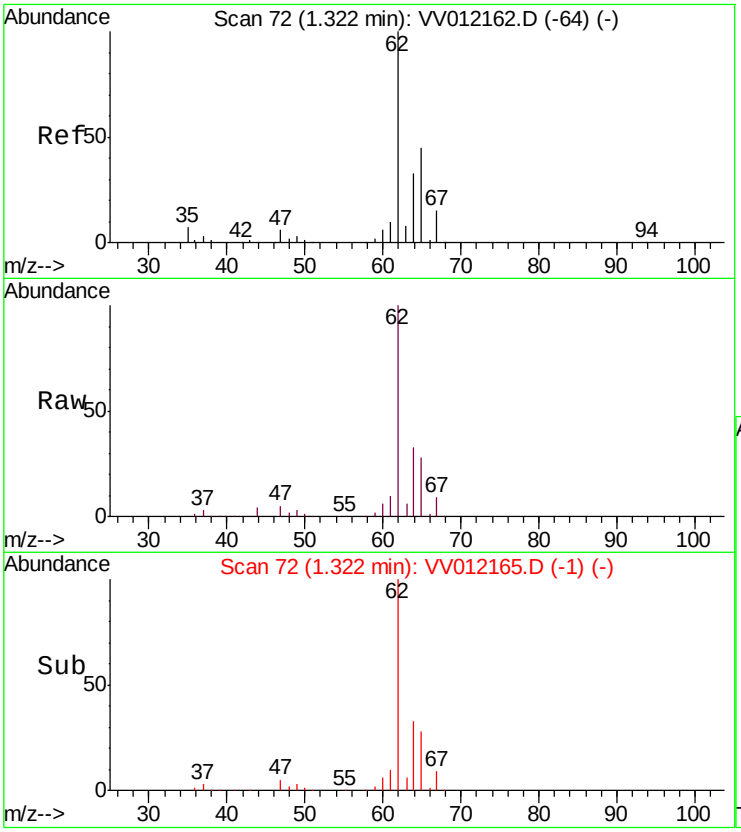
Quantitation Report (Not Reviewed)

Data File : VV012165.D
Acq On : 09 Aug 2019 22:00
Operator : SY/MD
Sample : K4248-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2B05

Quant Time: Aug 10 05:10:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration



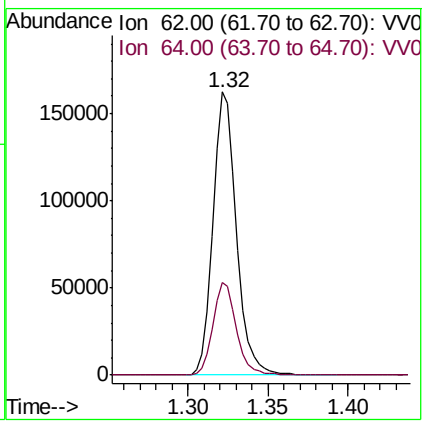


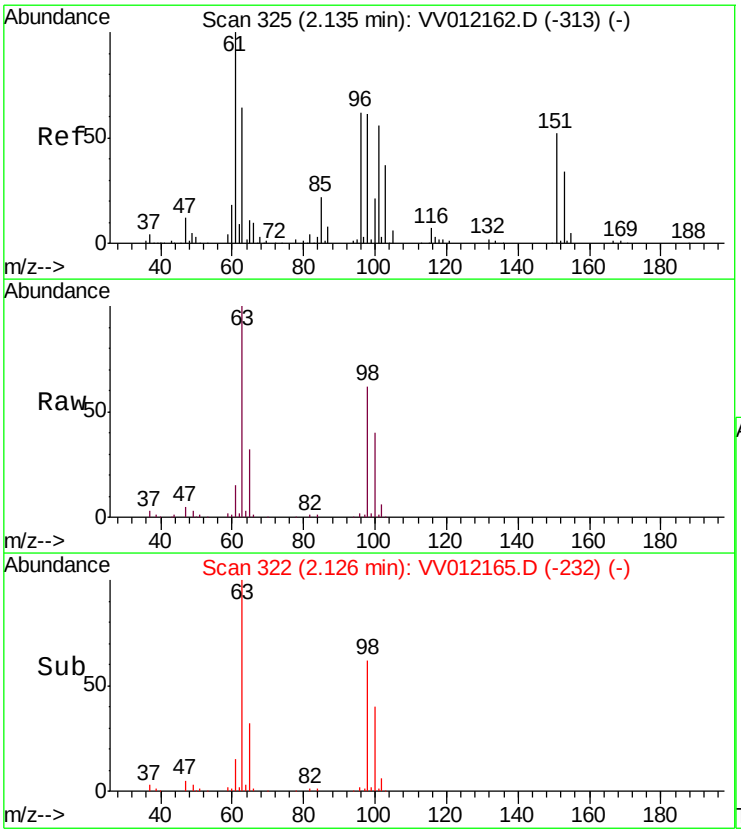
#5
Vinyl chloride
Concen: 109.785 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Instrument :
MSVOA_V
ClientSampleId :
F2B05

Tgt Ion: 62 Resp: 165309

Ion	Ratio	Lower	Upper
62	100		
64	32.7	23.7	44.1

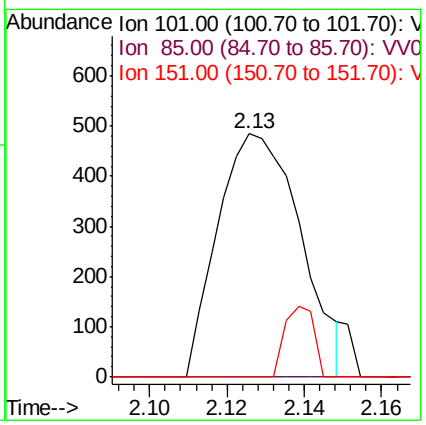


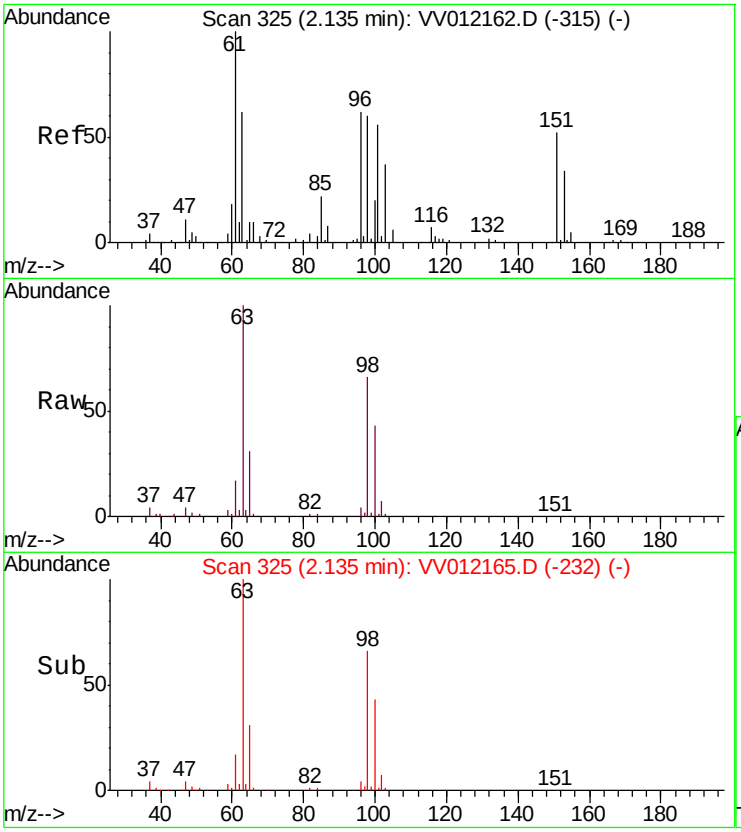


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.598 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Tgt Ion:101 Resp: 718

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	10.3	71.8	107.8#



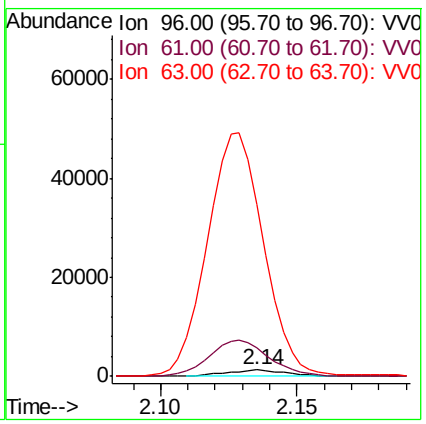


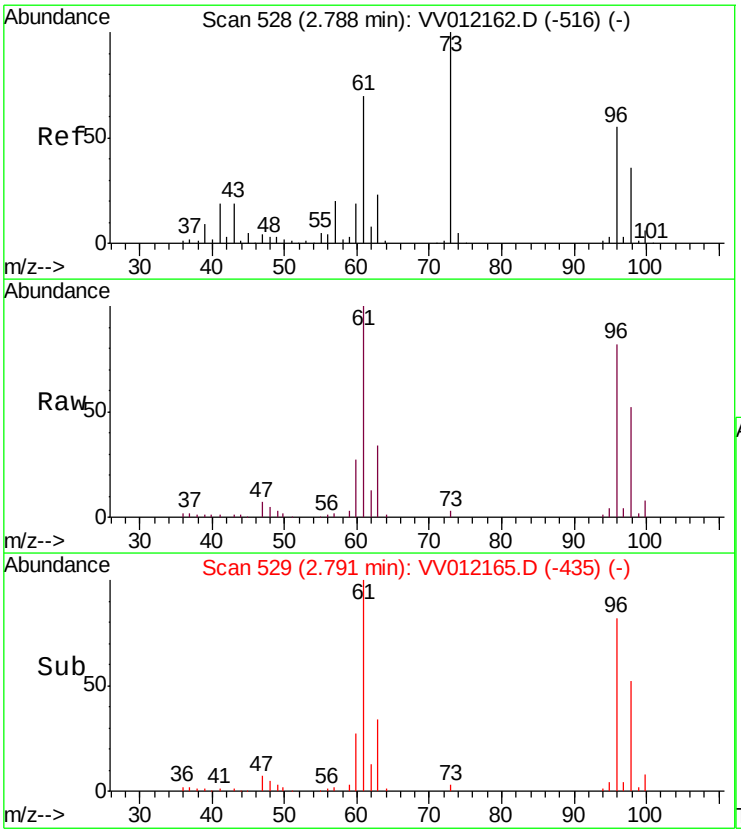
#12
1,1-Dichloroethene
Concen: 1.776 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Instrument : MSVOA_V
ClientSampleId : F2B05

Tgt Ion: 96 Resp: 1962

Ion	Ratio	Lower	Upper
96	100		
61	451.0	115.1	213.8#
63	2695.3	83.9	155.7#

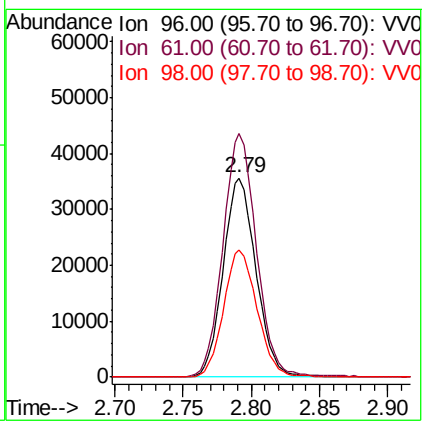


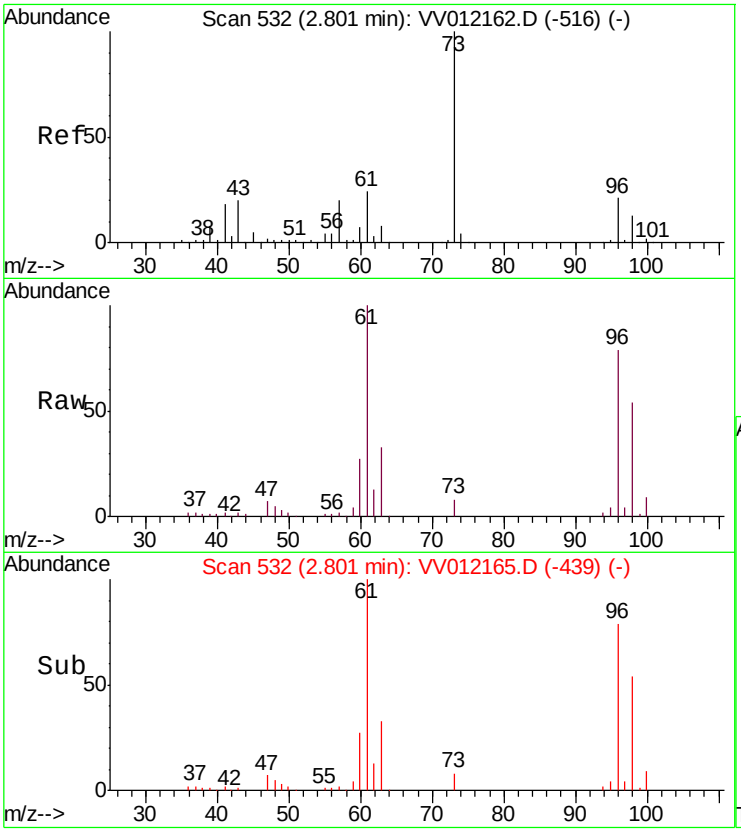


#17
trans-1,2-Dichloroethene
Concen: 37.133 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Tgt Ion: 96 Resp: 59860

Ion	Ratio	Lower	Upper
96	100		
61	122.3	89.3	165.9
98	63.8	44.7	83.1



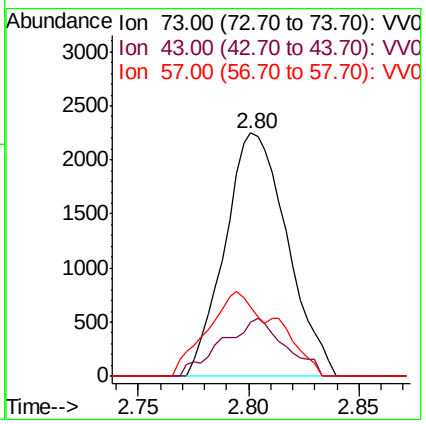


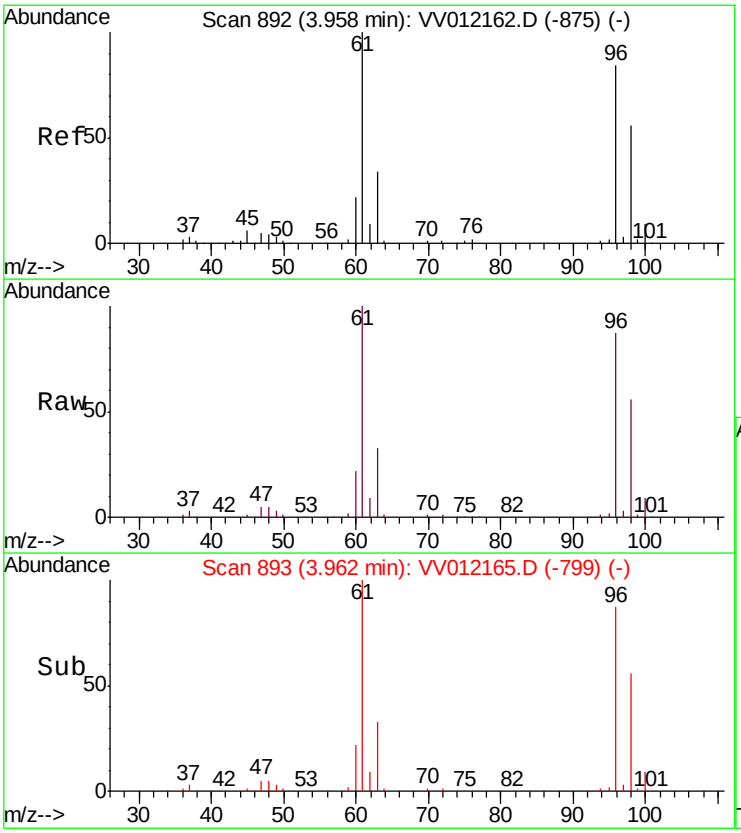
#18
Methyl tert-butyl Ether
Concen: 0.850 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.00 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Instrument : MSVOA_V
ClientSampleId : F2B05

Tgt Ion: 73 Resp: 4410

Ion	Ratio	Lower	Upper
73	100		
43	10.1	15.2	22.8#
57	1.7	16.2	24.2#

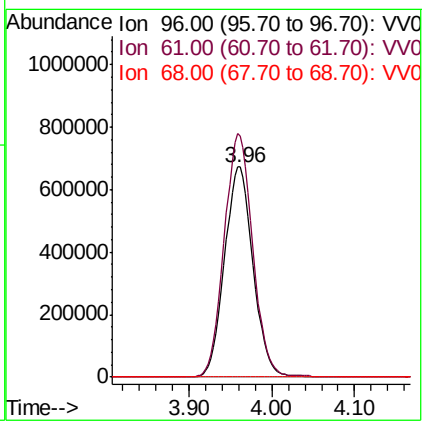


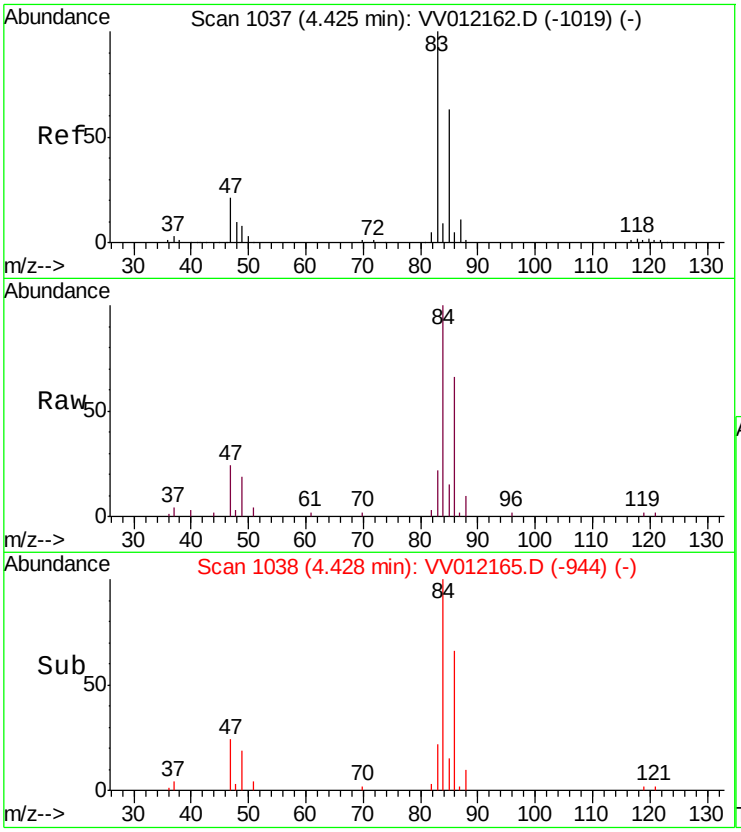


#20
cis-1,2-Dichloroethene
Concen: 878.646 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Tgt Ion: 96 Resp: 1609163

Ion	Ratio	Lower	Upper
96	100		
61	114.9	82.9	153.9
68	0.0	0.0	0.0



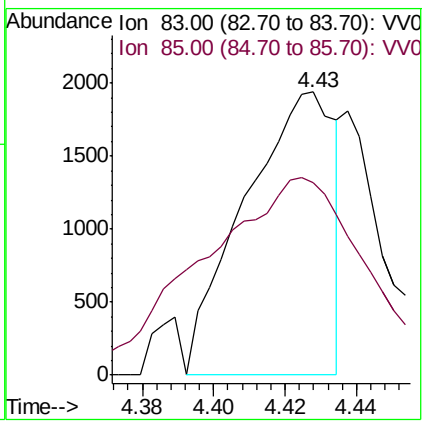


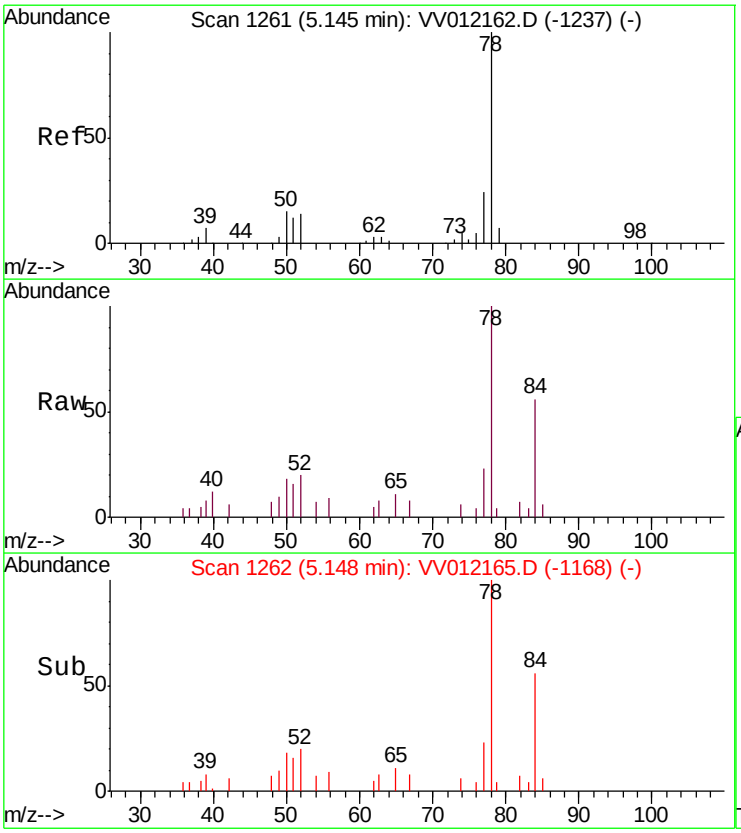
#25
Chloroform
Concen: 1.069 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Instrument :
MSVOA_V
ClientSampleId :
F2B05

Tgt Ion: 83 Resp: 3402

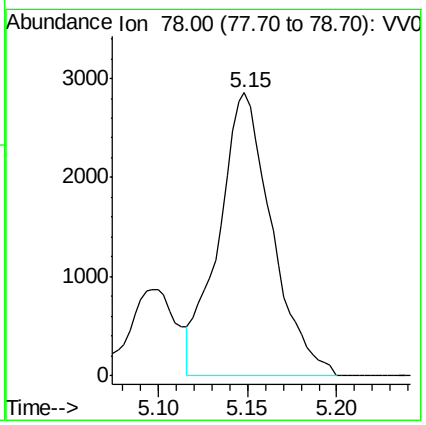
Ion	Ratio	Lower	Upper
83	100		
85	67.9	45.7	84.9

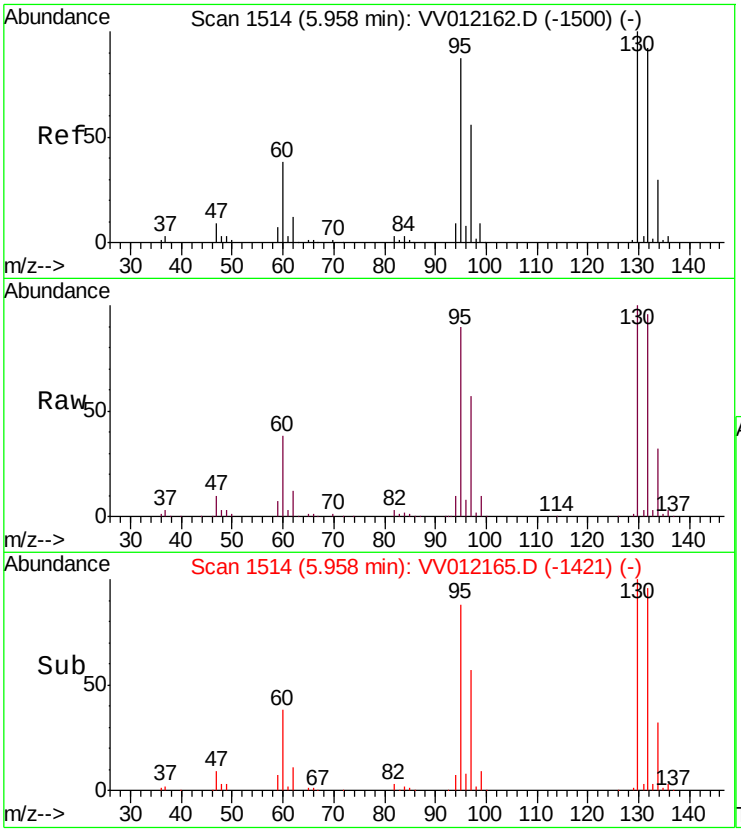




#33
Benzene
Concen: 0.932 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Tgt Ion: 78 Resp: 5914



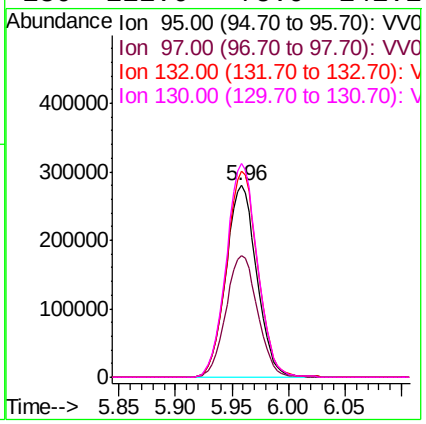


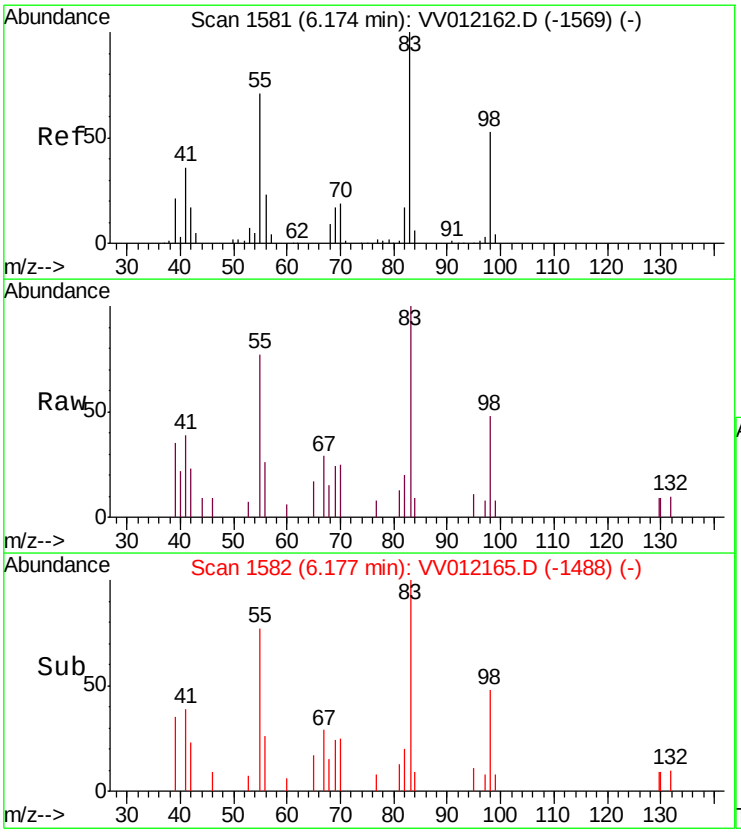
#34
Trichloroethene
Concen: 307.764 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Instrument :
MSVOA_V
ClientSampleId :
F2B05

Tgt Ion: 95 Resp: 533231

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.7	83.1
132	107.7	72.7	134.9
130	111.6	75.9	141.1

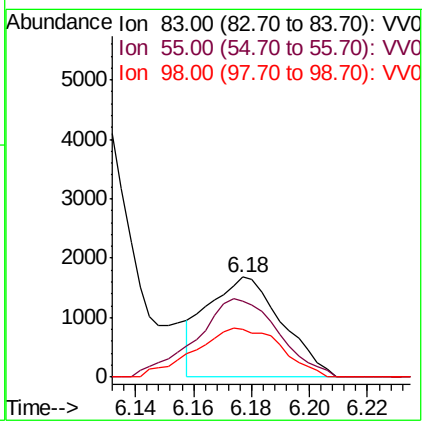


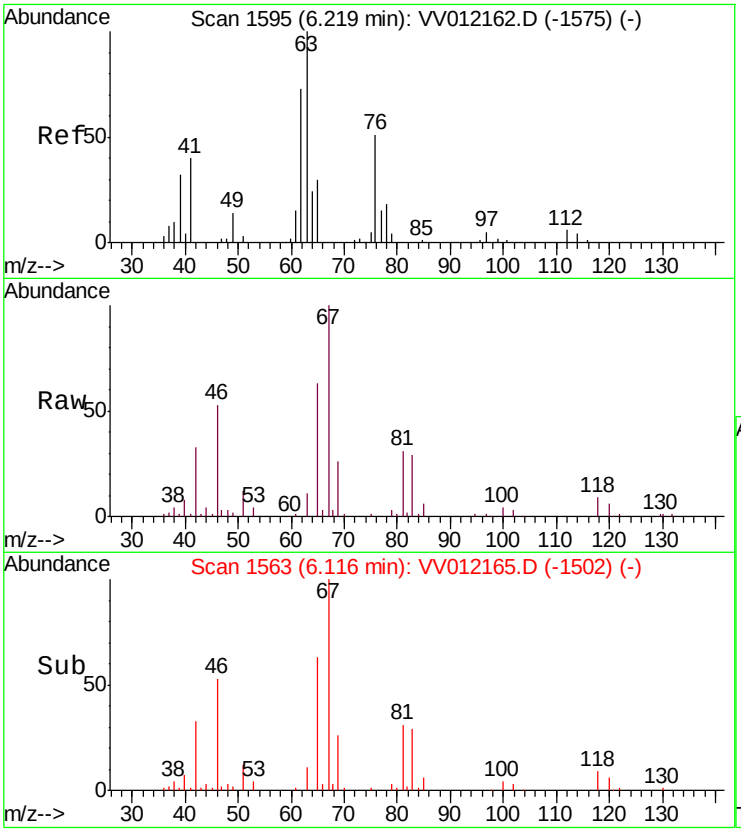


#35
Methylcyclohexane
Concen: 1.116 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Tgt Ion: 83 Resp: 3011

Ion	Ratio	Lower	Upper
83	100		
55	86.4	54.9	82.3#
98	56.8	40.7	61.1



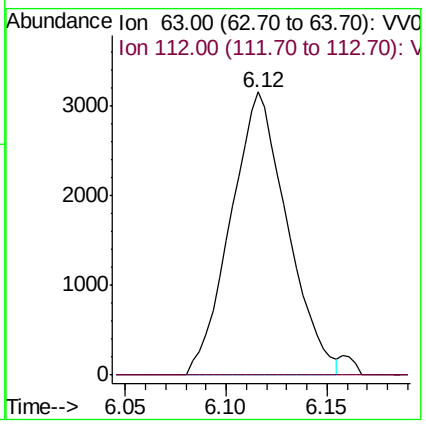


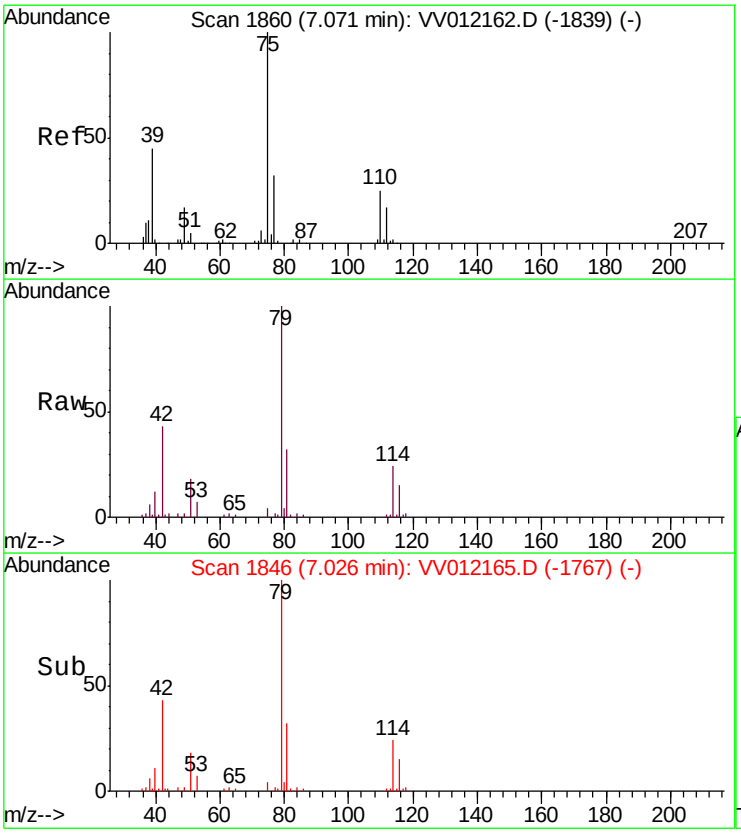
#37
1,2-Dichloropropane
Concen: 4.047 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Instrument : MSVOA_V
ClientSampleId : F2B05

Tgt Ion: 63 Resp: 6179

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

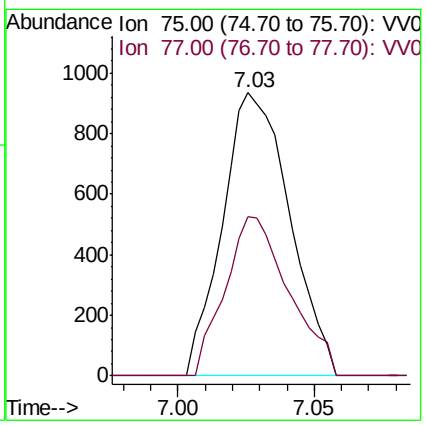


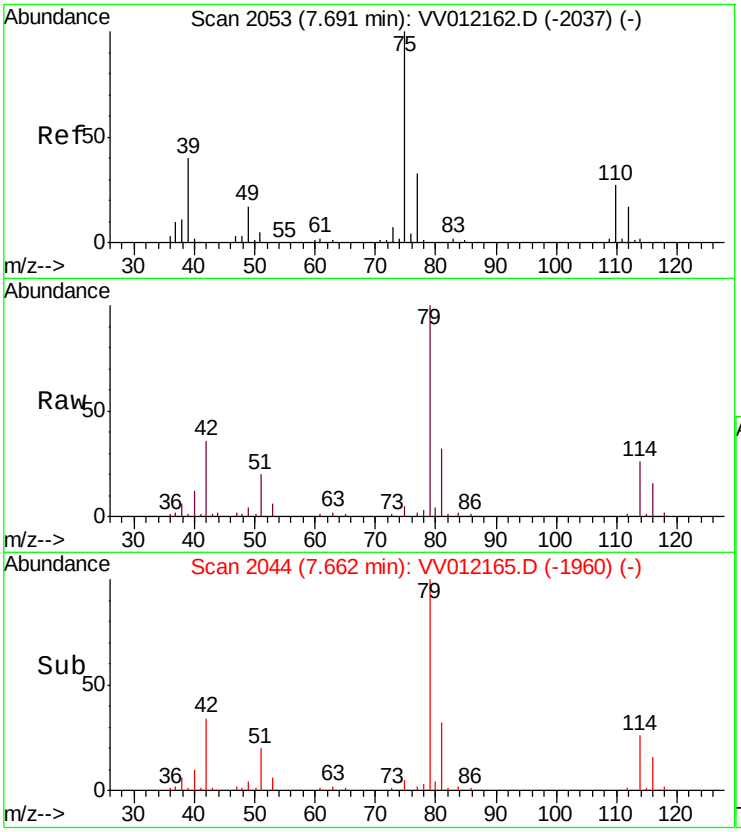


#39
cis-1,3-Dichloropropene
Concen: 0.607 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Tgt Ion: 75 Resp: 1598

Ion	Ratio	Lower	Upper
75	100		
77	56.3	21.7	40.3#



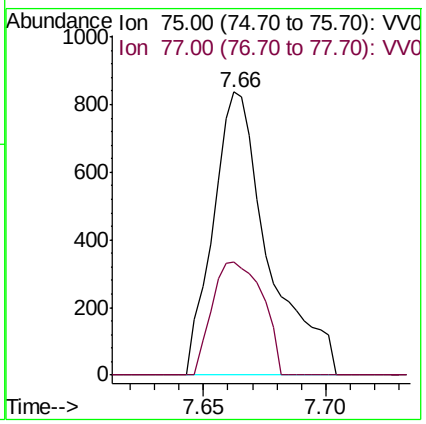


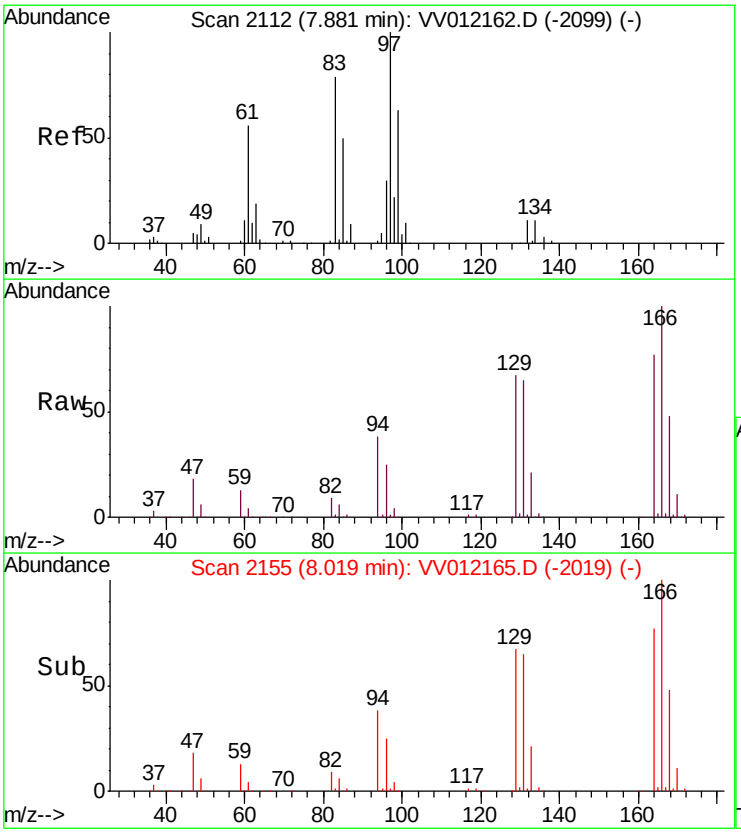
#44
trans-1,3-Dichloropropene
Concen: 0.556 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Instrument :
MSVOA_V
ClientSampleId :
F2B05

Tgt Ion: 75 Resp: 1322

Ion	Ratio	Lower	Upper
75	100		
77	39.8	22.7	42.3

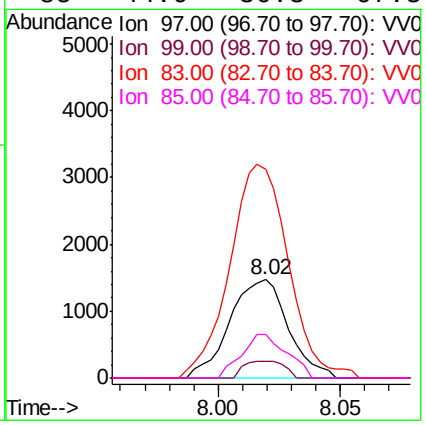


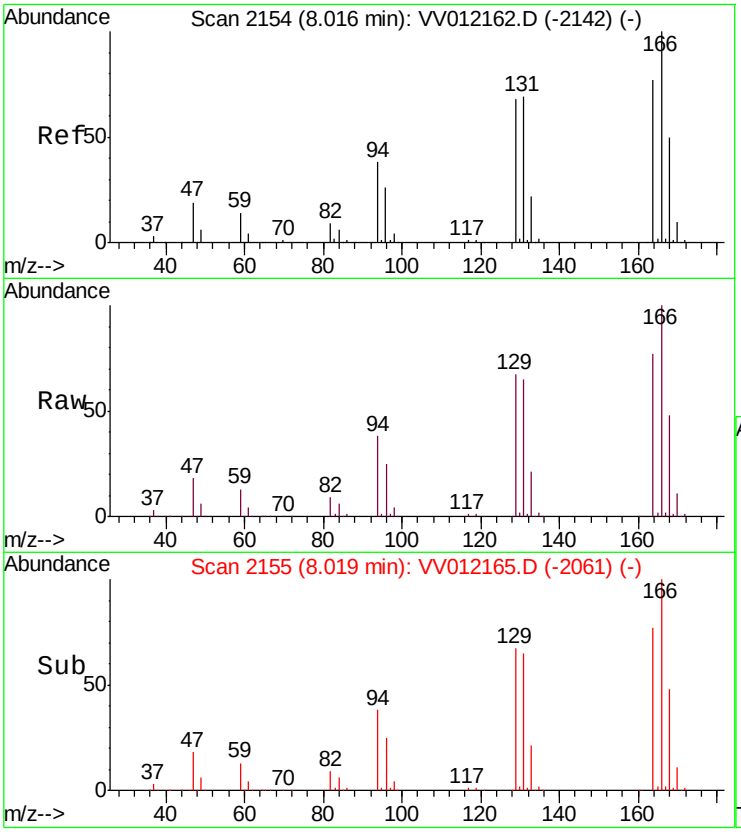


#45
1,1,2-Trichloroethane
Concen: 1.446 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.14 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Tgt Ion: 97 Resp: 2444

Ion	Ratio	Lower	Upper
97	100		
99	17.2	44.2	82.0#
83	212.8	55.9	103.9#
85	44.0	36.3	67.3



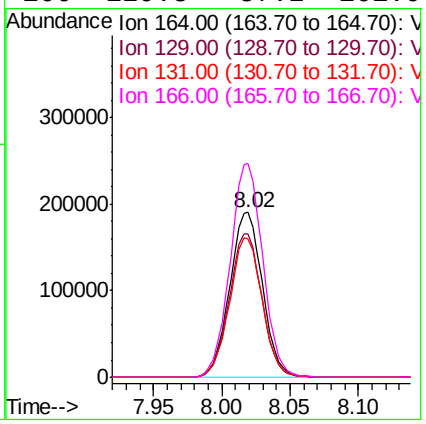


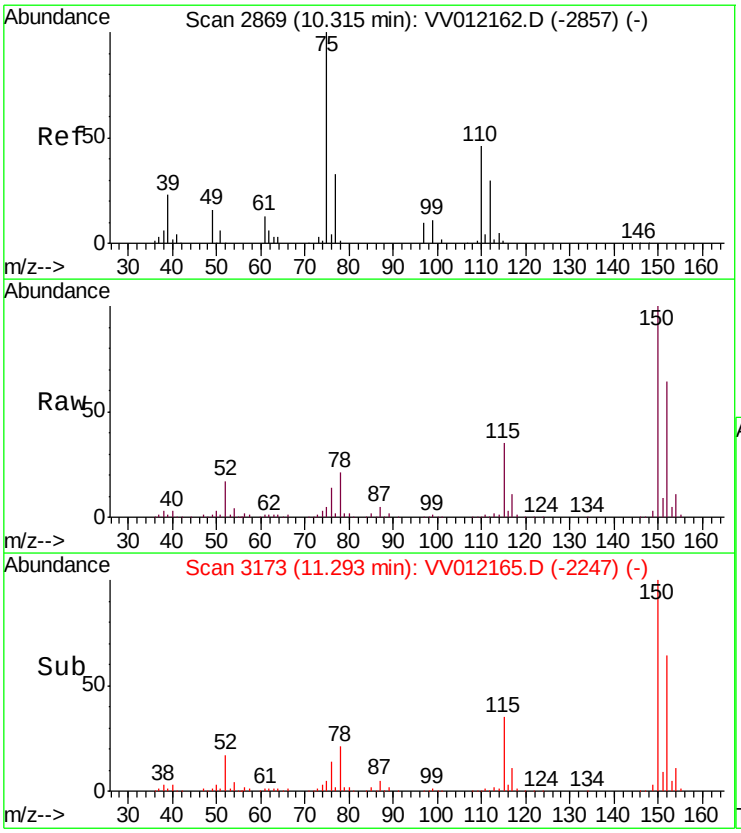
#46
Tetrachloroethene
Concen: 191.697 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Instrument : MSVOA_V
ClientSampleId : F2B05

Tgt Ion:164 Resp: 317489

Ion	Ratio	Lower	Upper
164	100		
129	86.9	60.6	112.6
131	84.3	59.5	110.5
166	129.8	87.2	161.9





#59
1,2,3-Trichloropropane
Concen: 4.679 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012165.D
Acq: 09 Aug 2019 22:00

Tgt Ion: 75 Resp: 9640

Ion	Ratio	Lower	Upper
75	100		
77	42.0	26.3	39.5#