Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\

Quantitation Report (Not Reviewed)

Data File : VV013358.D
Acq On : 25 Oct 2019 20:31
Operator : SY/MD
Sample : K5462-20DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G24DL

Quant Time: Oct 26 01:03:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	401515	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	441249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	227130	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	190282	6.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 128.60%			
7) Chloroethane-d5	1.58	69	148923	6.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 122.00%			
11) 1,1-Dichloroethene-d2	2.13	63	231234	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.80%			
20) 2-Butanone-d5	3.95	46	381256	67.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 134.14%#			
24) Chloroform-d	4.40	84	357522	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.08	65	175048	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.40%			
32) Benzene-d6	5.10	84	780817	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.20%			
36) 1,2-Dichloropropane-d6	6.12	67	225334	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.80%			
41) Toluene-d8	7.36	98	663757	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	7.66	79	73349	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	8.14	63	229235	39.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.08%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142490	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	262410	5.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	8500	0.219	ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2690	0.081	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	2755	0.087	ug/L #	1
16) Methylene chloride	2.53	84	7212	0.152	ug/L	88
17) Methyl tert-butyl Ether	2.80	73	1151133	15.745	ug/L	98
19) 1,1-Dichloroethane	3.23	63	6523	0.108	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	2459	0.062	ug/L #	83
25) Chloroform	4.42	83	20412	0.259	ug/L	94
35) Methylcyclohexane	6.12	83	55702	0.801	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	23640	0.578	ug/L #	85
48) 2-Hexanone	8.18	43	26825	1.796	ug/L #	87

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\

Quantitation Report (Not Reviewed)

Data File : VV013358.D
Acq On : 25 Oct 2019 20:31
Operator : SY/MD
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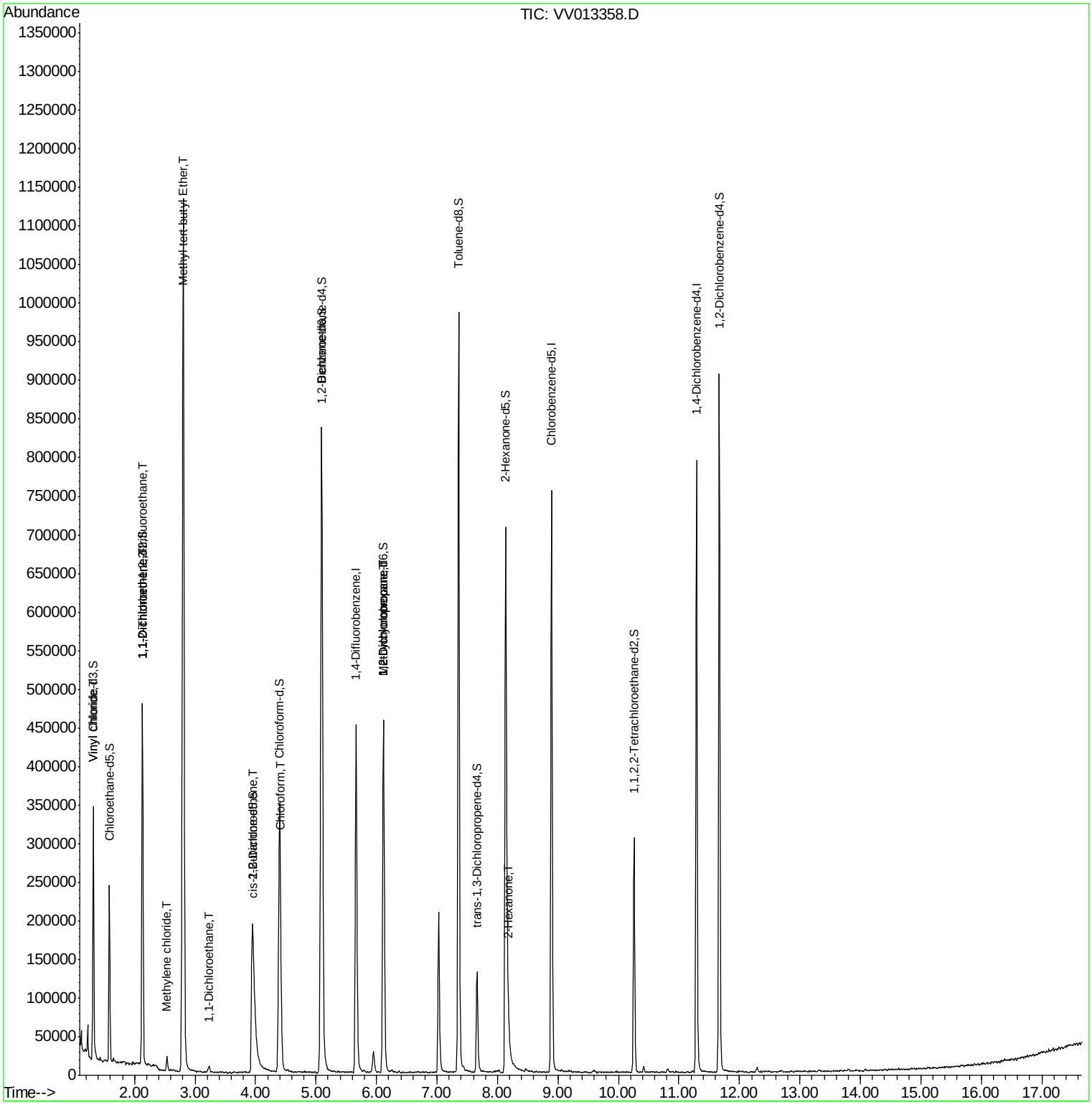
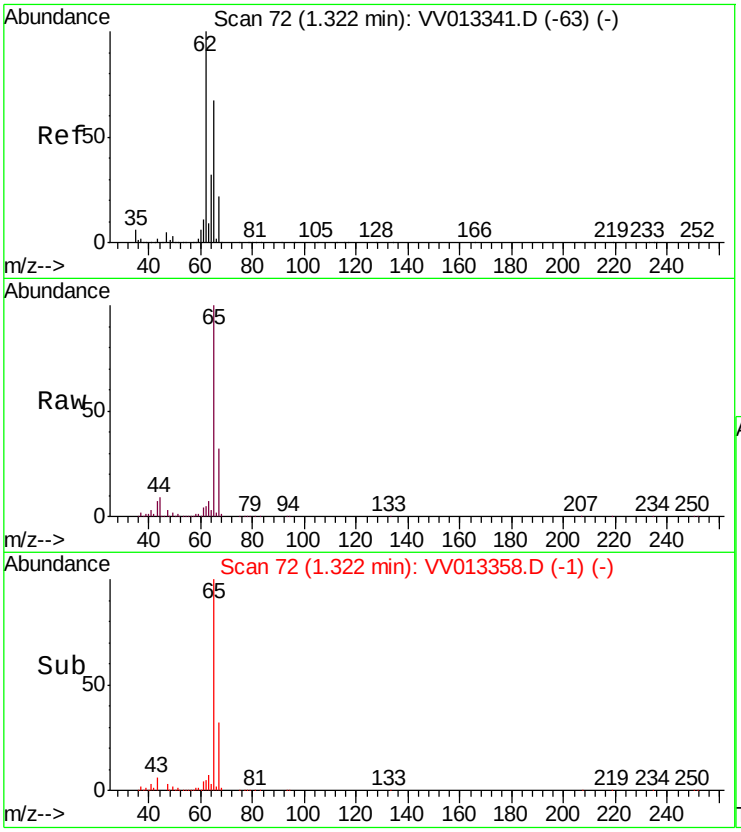
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G24DL

Quant Time: Oct 26 01:03:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration



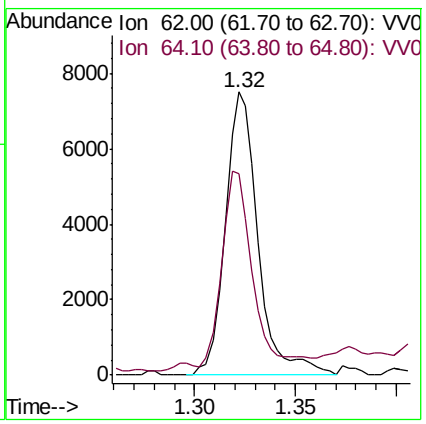


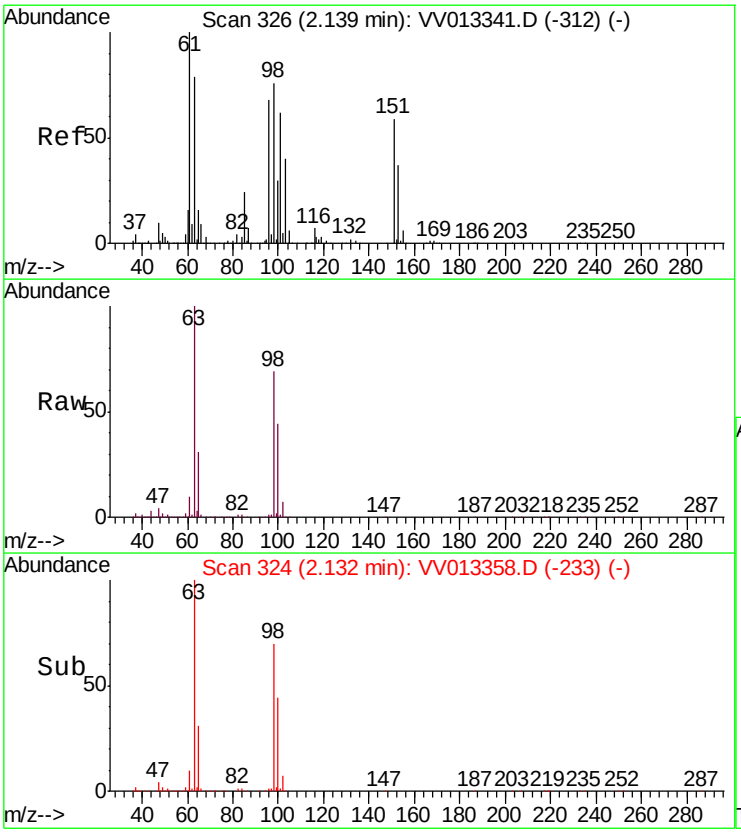
#5
Vinyl chloride
Concen: 0.219 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Instrument :
MSVOA_V
ClientSampleId :
H0G24DL

Tgt Ion: 62 Resp: 8500

Ion	Ratio	Lower	Upper
62	100		
64	71.3	22.9	42.5#

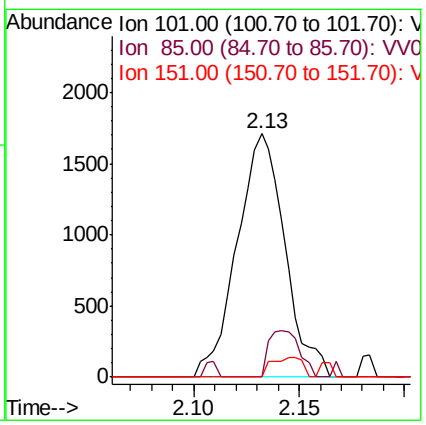


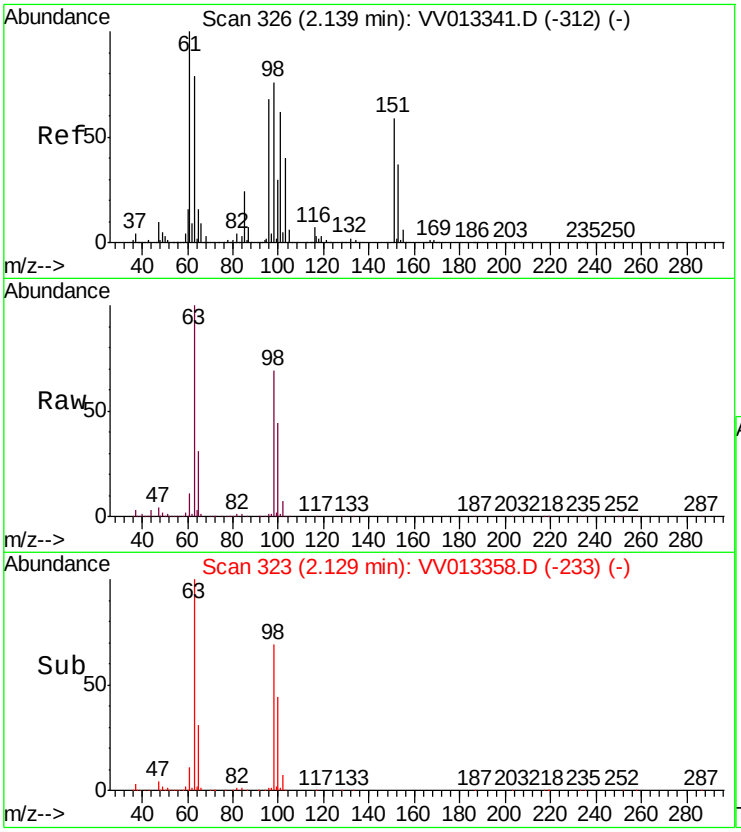


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.081 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Tgt Ion:101 Resp: 2690

Ion	Ratio	Lower	Upper
101	100		
85	12.4	31.8	47.8#
151	5.3	72.9	109.3#



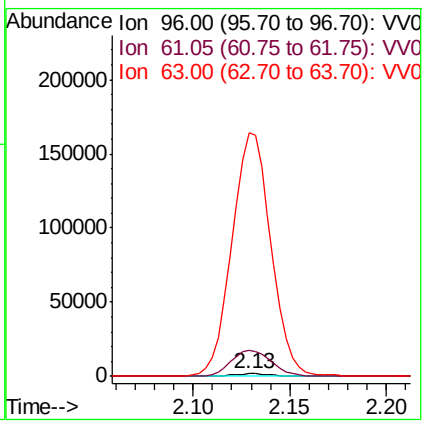


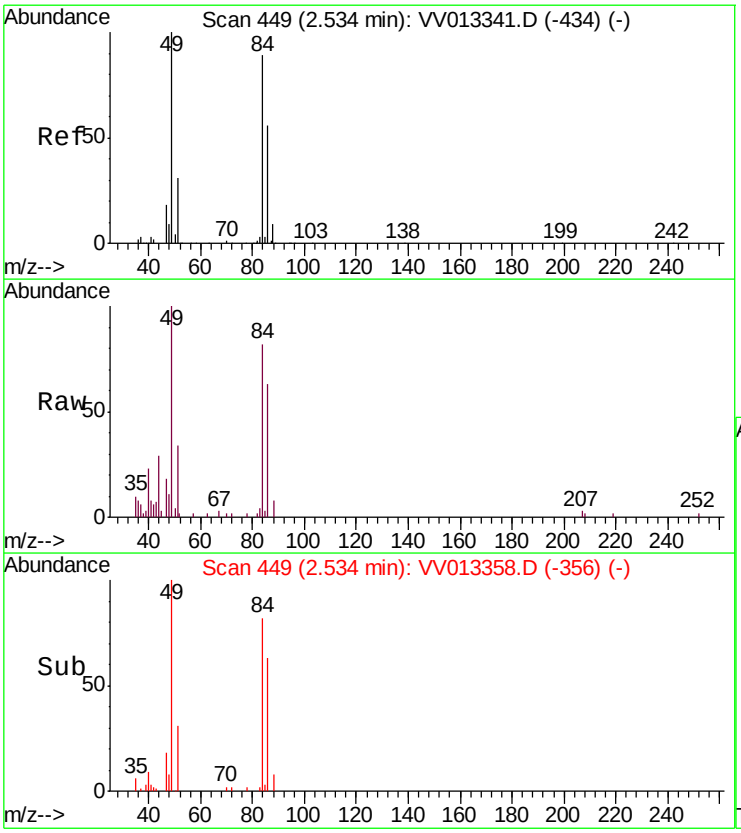
#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Instrument : MSVOA_V
ClientSampleId : H0G24DL

Tgt Ion: 96 Resp: 2755

Ion	Ratio	Lower	Upper
96	100		
61	1054.0	104.0	193.1#
63	9725.1	67.1	124.5#

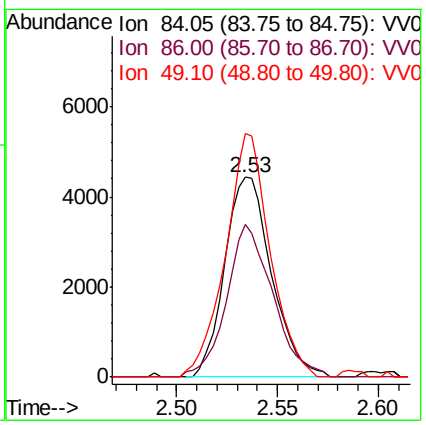


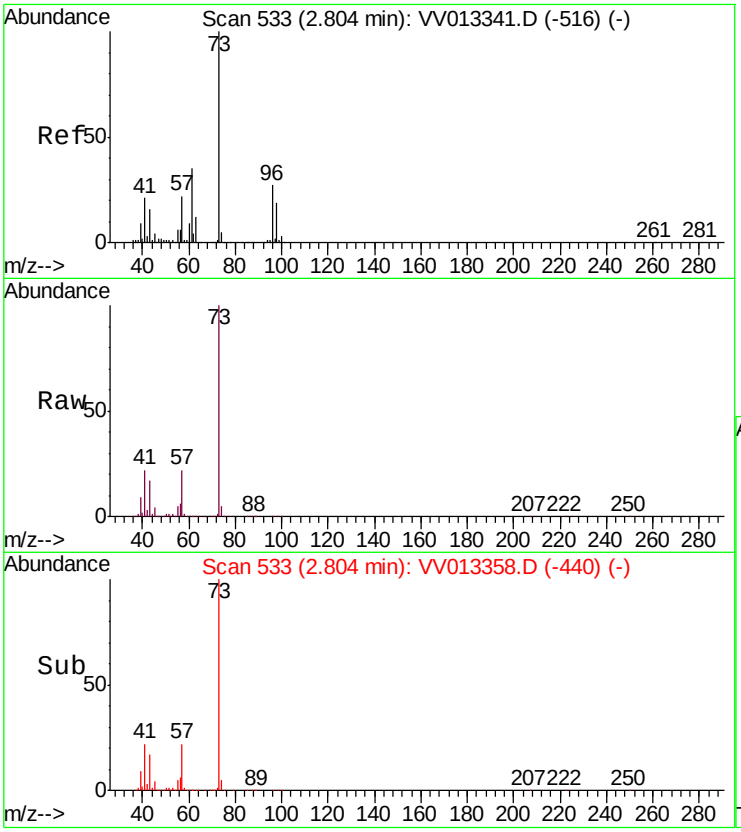


#16
Methylene chloride
Concen: 0.152 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Tgt Ion: 84 Resp: 7212

Ion	Ratio	Lower	Upper
84	100		
86	76.3	46.2	85.8
49	121.9	76.4	141.8



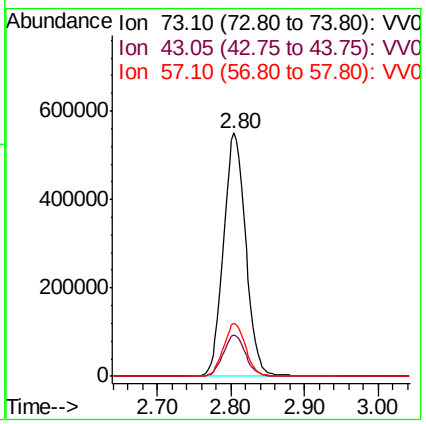


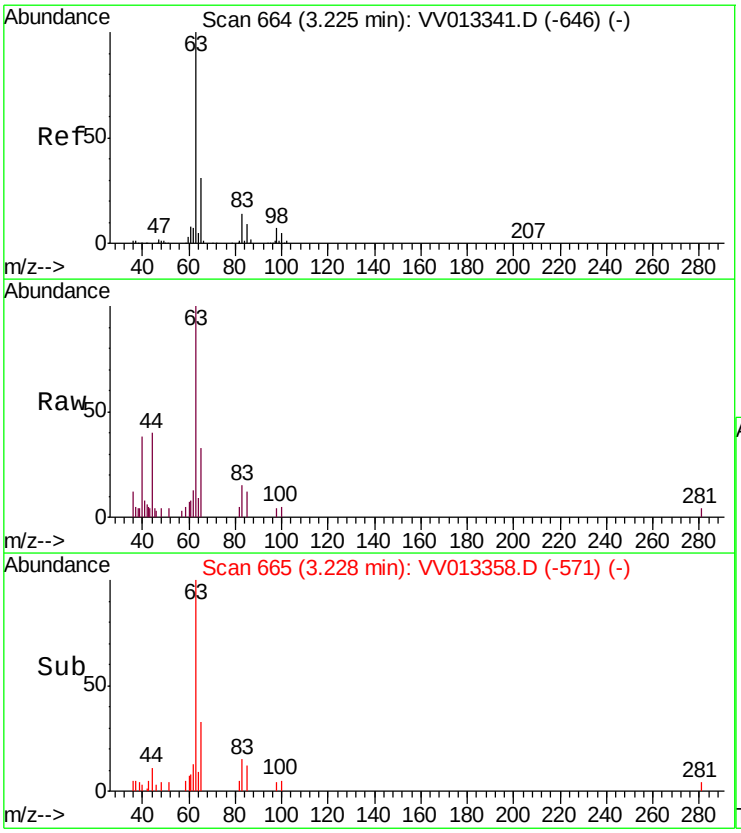
#17
Methyl tert-butyl Ether
Concen: 15.745 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Instrument : MSVOA_V
ClientSampleId : H0G24DL

Tgt Ion: 73 Resp: 1151133

Ion	Ratio	Lower	Upper
73	100		
43	17.1	13.1	19.7
57	21.8	16.4	24.6

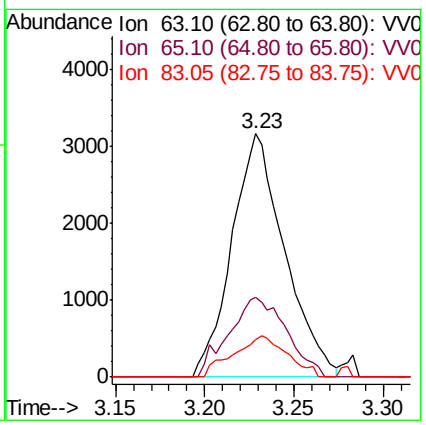


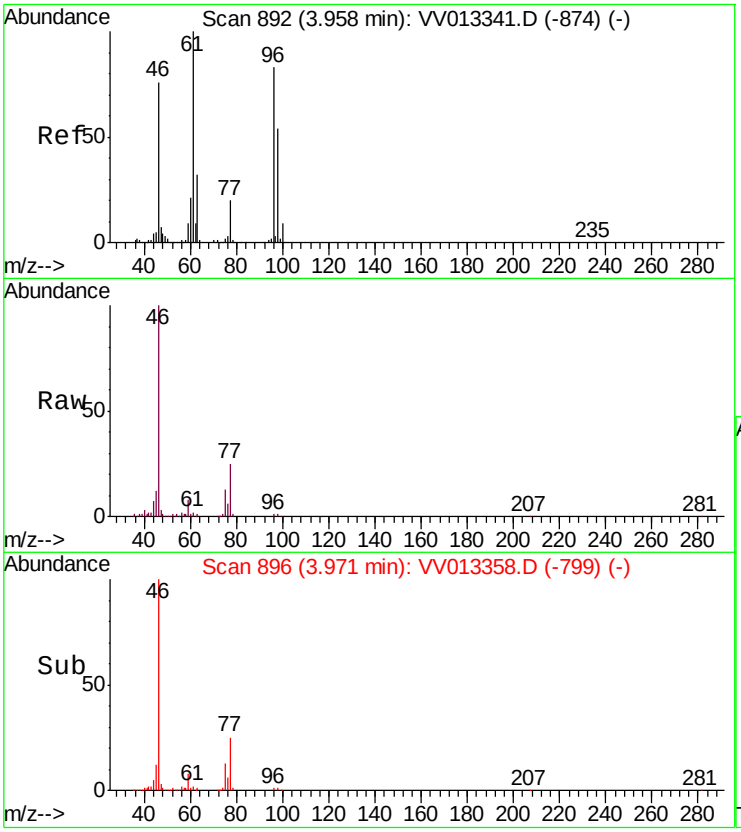


#19
1,1-Dichloroethane
Concen: 0.108 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Tgt Ion: 63 Resp: 6523

Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.0	42.8
83	15.2	10.2	19.0



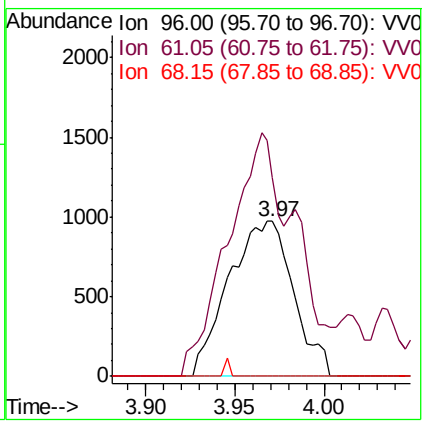


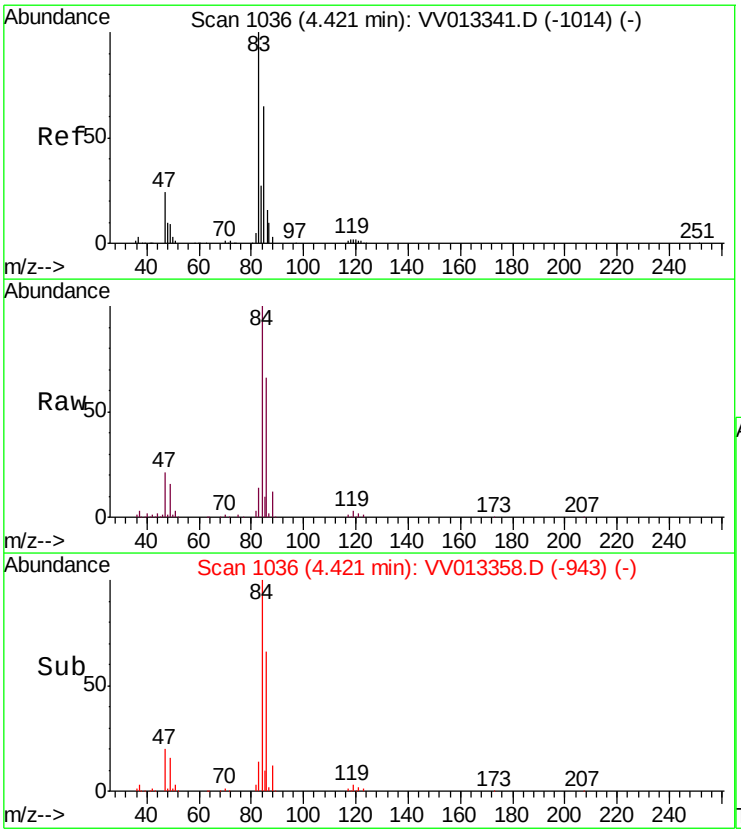
#22
cis-1,2-Dichloroethene
Concen: 0.062 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Instrument :
MSVOA_V
ClientSampleId :
H0G24DL

Tgt Ion: 96 Resp: 2459

Ion	Ratio	Lower	Upper
96	100		
61	128.1	77.3	143.7
68	0.0	0.1	0.1#

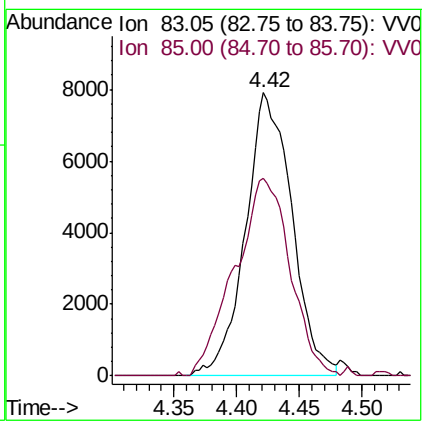


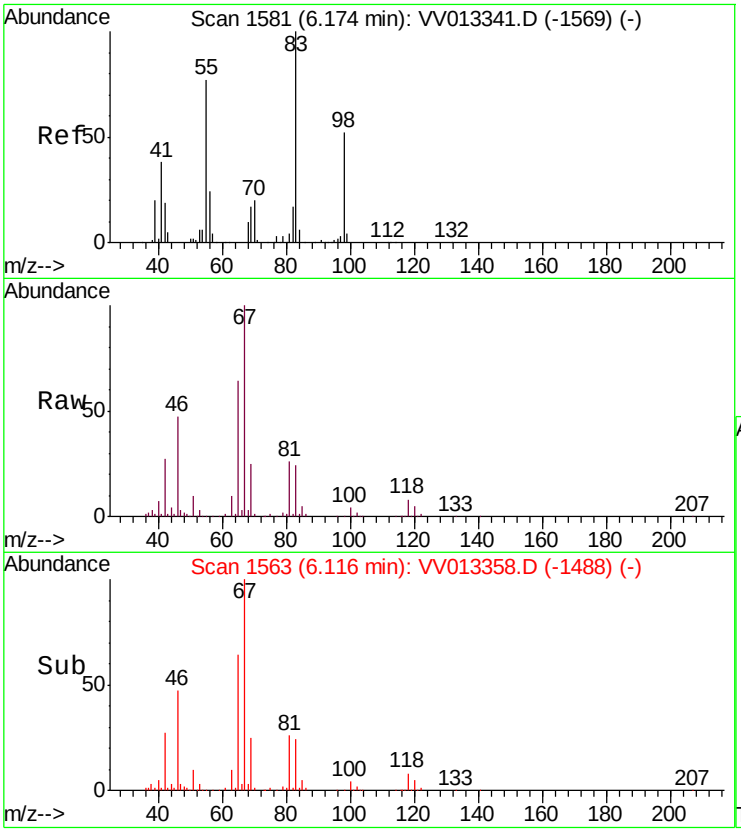


#25
Chloroform
Concen: 0.259 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Tgt Ion: 83 Resp: 20412

Ion	Ratio	Lower	Upper
83	100		
85	69.9	45.7	84.9



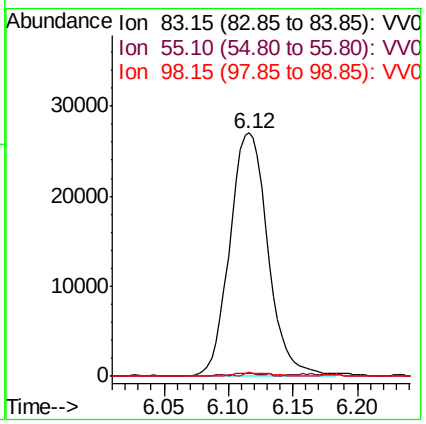


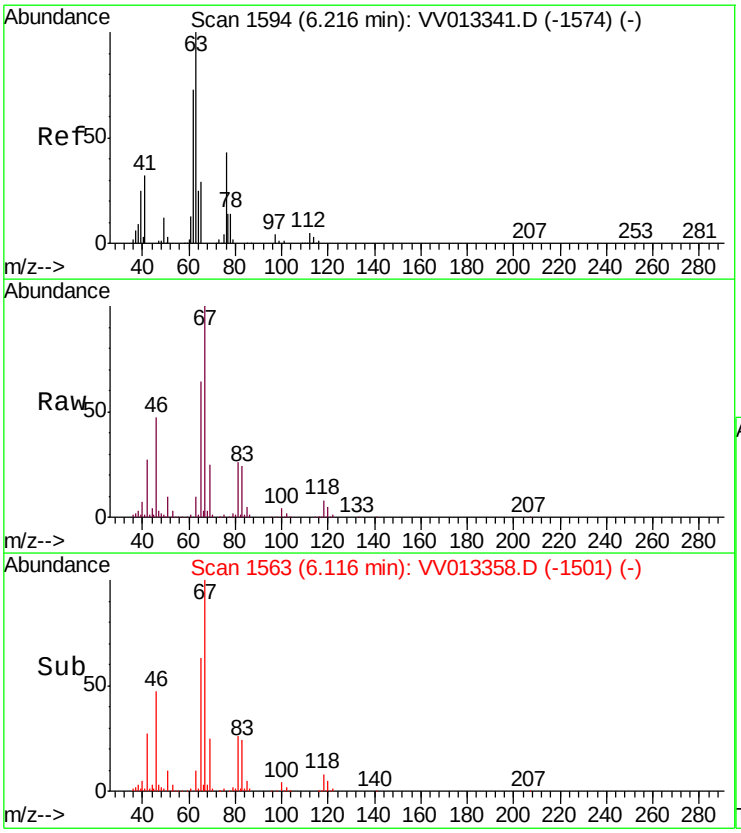
#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Instrument : MSVOA_V
ClientSampleId : H0G24DL

Tgt Ion: 83 Resp: 55702

Ion	Ratio	Lower	Upper
83	100		
55	0.9	62.4	93.6#
98	1.0	39.2	58.8#

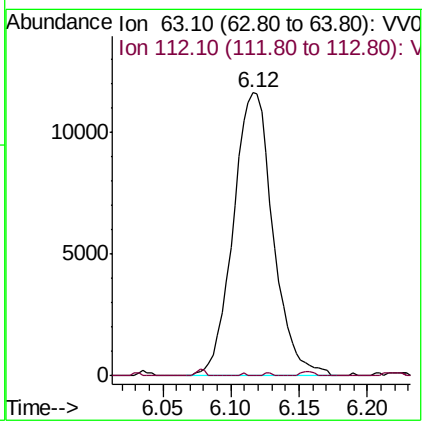


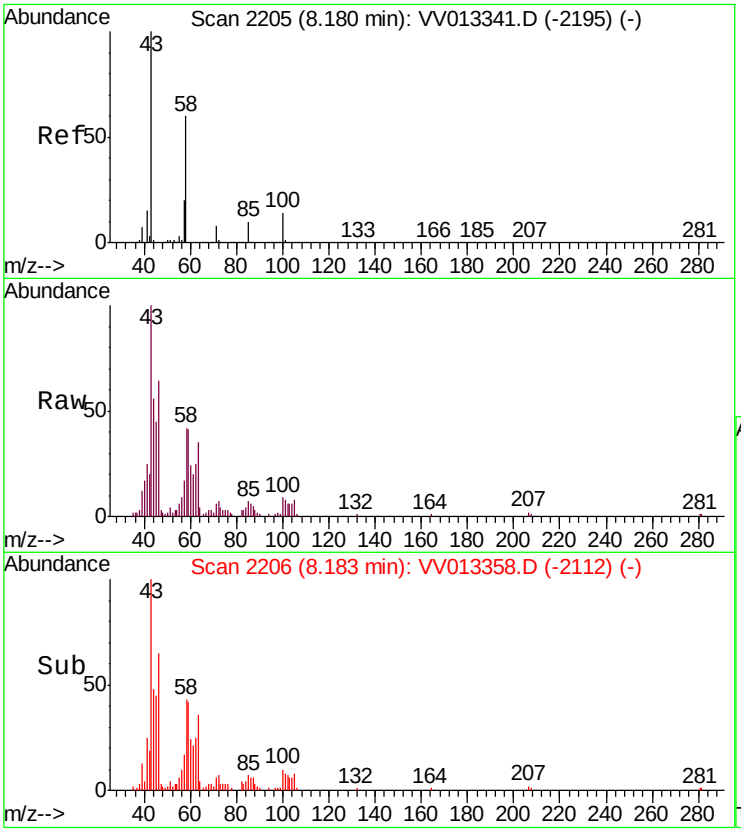


#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Tgt Ion: 63 Resp: 23640

Ion	Ratio	Lower	Upper
63	100		
112	0.1	4.1	6.1#





#48
2-Hexanone
Concen: 1.796 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013358.D
Acq: 25 Oct 2019 20:31

Instrument :
MSVOA_V
ClientSampleId :
H0G24DL

Tgt Ion: 43 Resp: 26825

Ion	Ratio	Lower	Upper
43	100		
58	42.5	45.1	67.7#
57	18.4	15.5	23.3
100	13.1	10.2	15.2