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

Quantitation Report (Not Reviewed)

Data File : VV013331.D
Acq On : 25 Oct 2019 00:30
Operator : SY/MD
Sample : K5462-21
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G14

Quant Time: Oct 25 04:47:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	400273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	431809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232516	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	137129	4.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.00%			
7) Chloroethane-d5	1.58	69	125933	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.13	63	182366	3.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.40%			
20) 2-Butanone-d5	3.94	46	226432	39.95	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.90%			
24) Chloroform-d	4.40	84	312552	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.08	65	155174	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.10	84	649047	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.12	67	197706	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.36	98	518954	4.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.20%			
43) trans-1,3-Dichloropropene-	7.66	79	55028	3.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.20%			
46) 2-Hexanone-d5	8.13	63	183678	32.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 64.76%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	137614	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	221180	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	97602	2.527	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2398	0.073	ug/L #	18
17) Methyl tert-butyl Ether	2.80	73	1989437	27.296	ug/L	97
19) 1,1-Dichloroethane	3.23	63	95234	1.579	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	27325	0.688	ug/L #	90
25) Chloroform	4.43	83	18099	0.230	ug/L	100
33) Benzene	5.15	78	54583	0.331	ug/L	100
35) Methylcyclohexane	6.12	83	49555	0.728	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	20845	0.520	ug/L #	86
48) 2-Hexanone	8.18	43	14711	1.007	ug/L #	71

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

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

Quantitation Report (Not Reviewed)

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Operator : SY/MD
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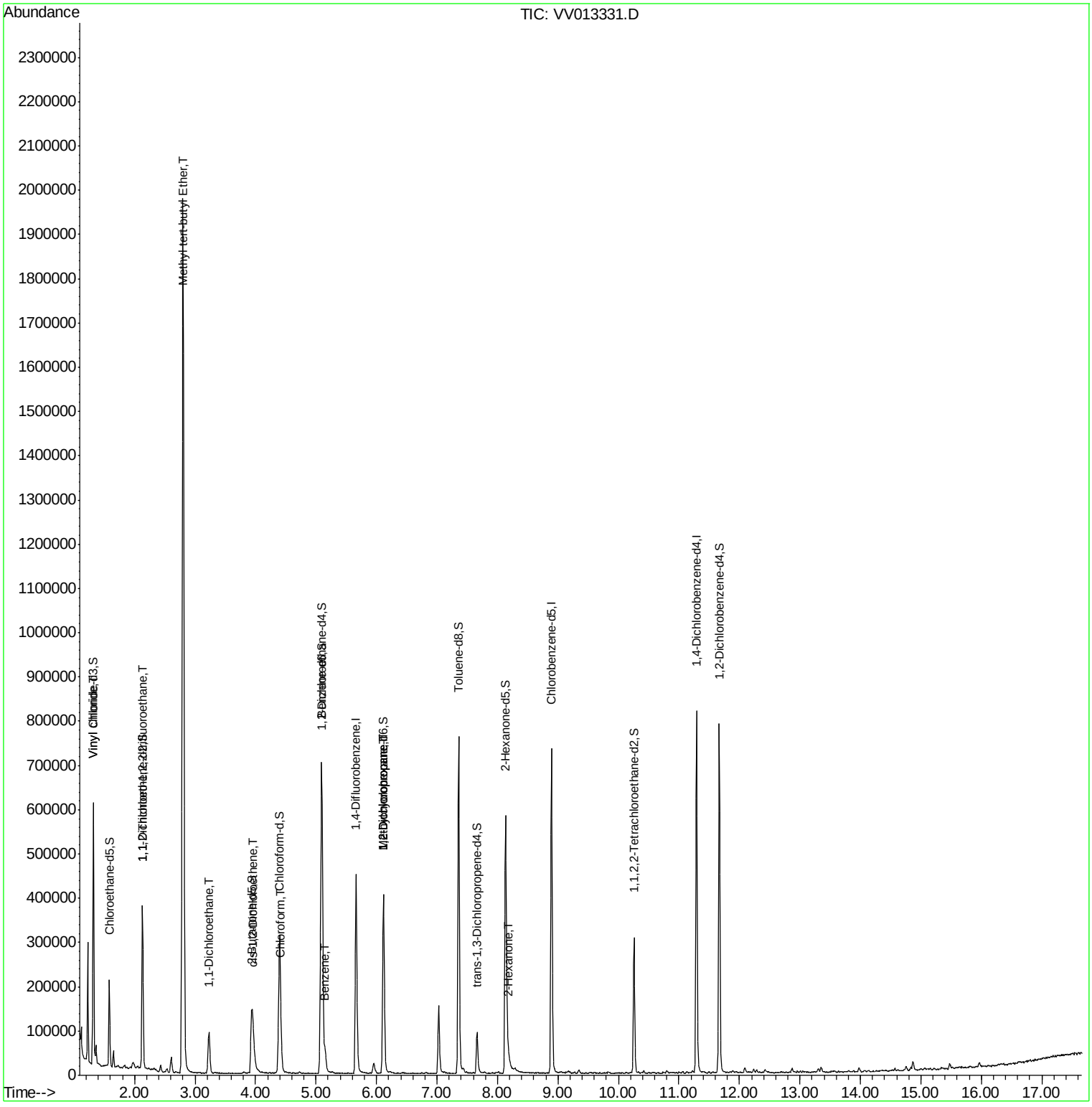
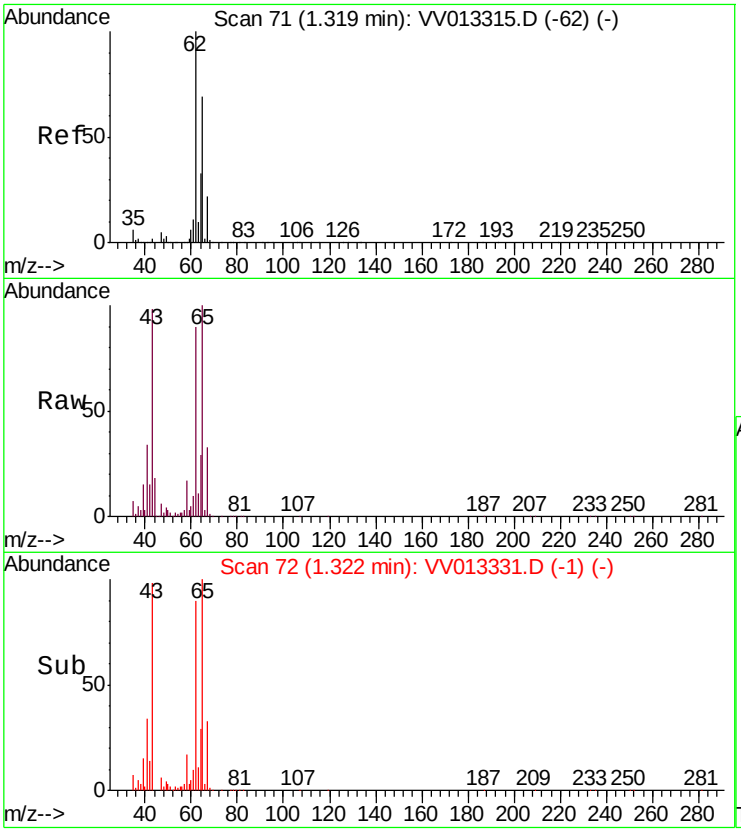
ClientSampleId : H0G14

Quant Time: Oct 25 04:47:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration



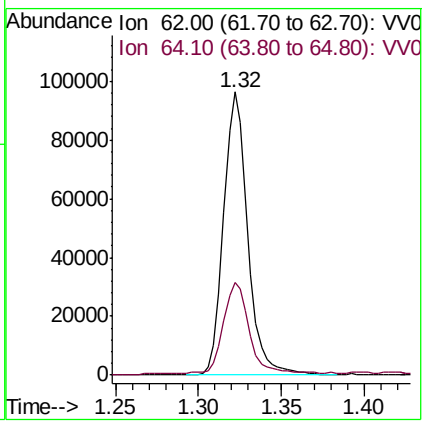


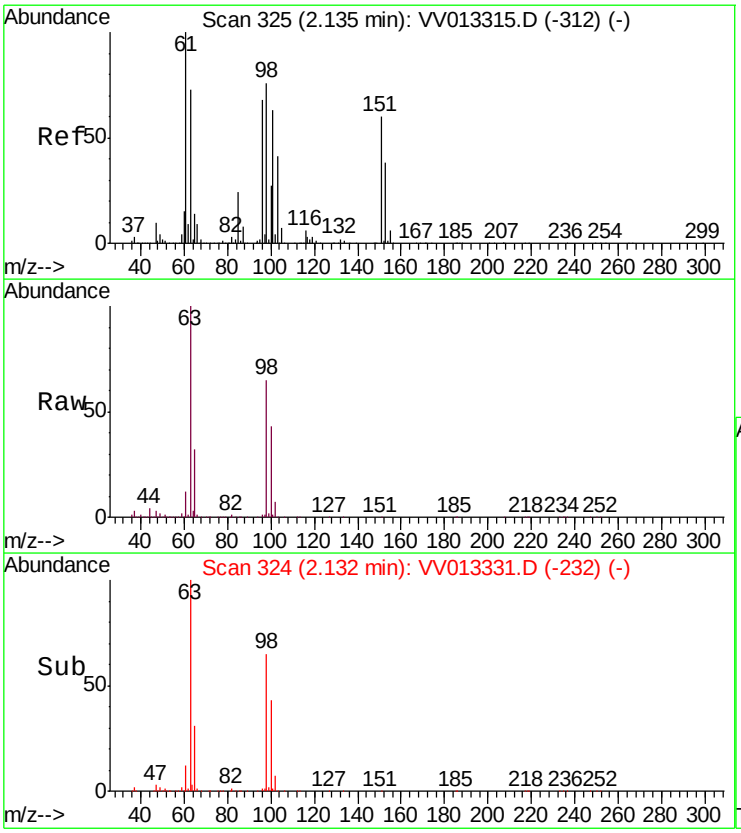
#5
Vinyl chloride
Concen: 2.527 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013331.D
Acq: 25 Oct 2019 00:30

Instrument :
MSVOA_V
ClientSampleId :
H0G14

Tgt Ion: 62 Resp: 97602

Ion	Ratio	Lower	Upper
62	100		
64	32.6	22.9	42.5

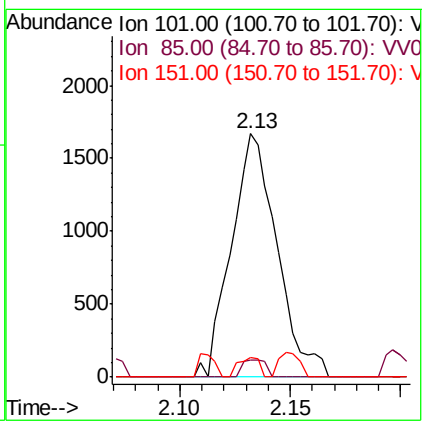


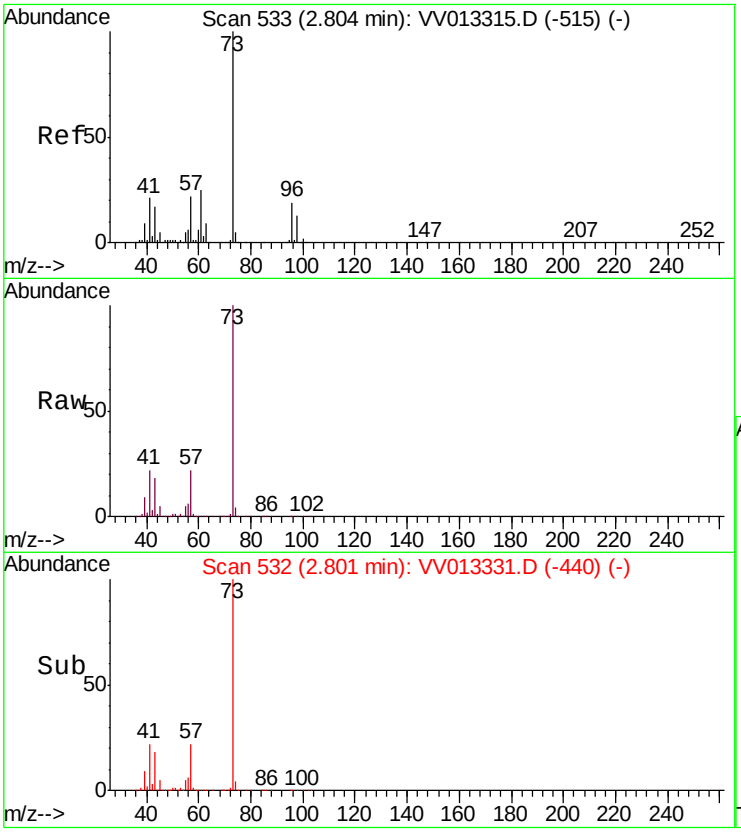


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV013331.D
Acq: 25 Oct 2019 00:30

Tgt Ion:101 Resp: 2398

Ion	Ratio	Lower	Upper
101	100		
85	3.7	31.8	47.8#
151	3.8	72.9	109.3#



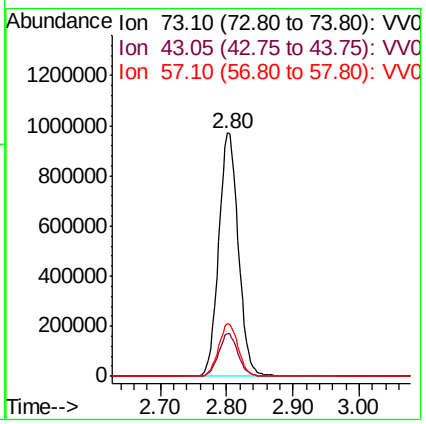


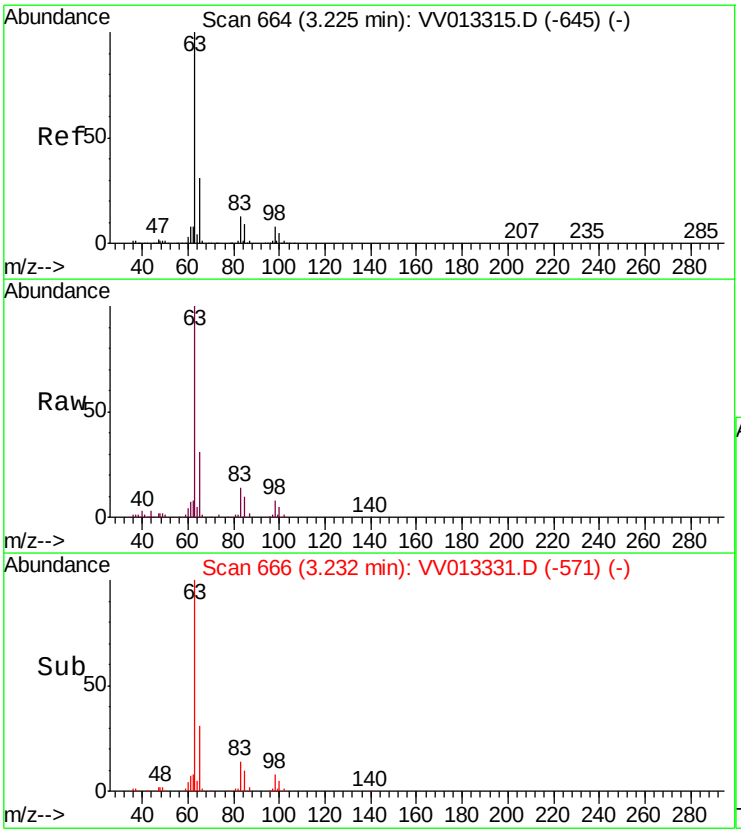
#17
Methyl tert-butyl Ether
Concen: 27.296 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.00 min
Lab File: VV013331.D
Acq: 25 Oct 2019 00:30

Instrument : MSVOA_V
ClientSampleId : H0G14

Tgt Ion: 73 Resp: 1989437

Ion	Ratio	Lower	Upper
73	100		
43	17.5	13.1	19.7
57	21.7	16.4	24.6

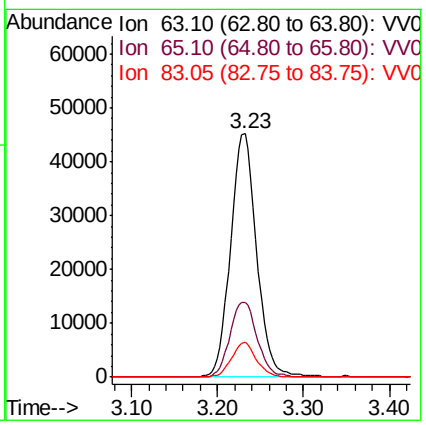


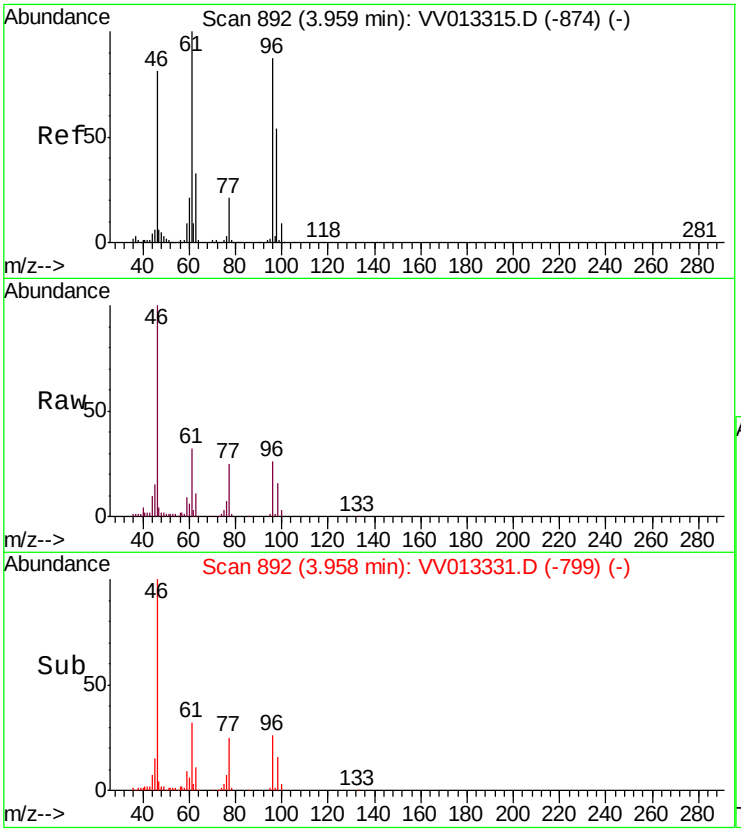


#19
1,1-Dichloroethane
Concen: 1.579 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV013331.D
Acq: 25 Oct 2019 00:30

Tgt Ion: 63 Resp: 95234

Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.0	42.8
83	14.2	10.2	19.0



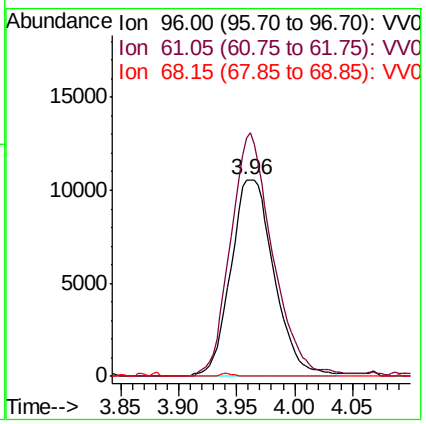


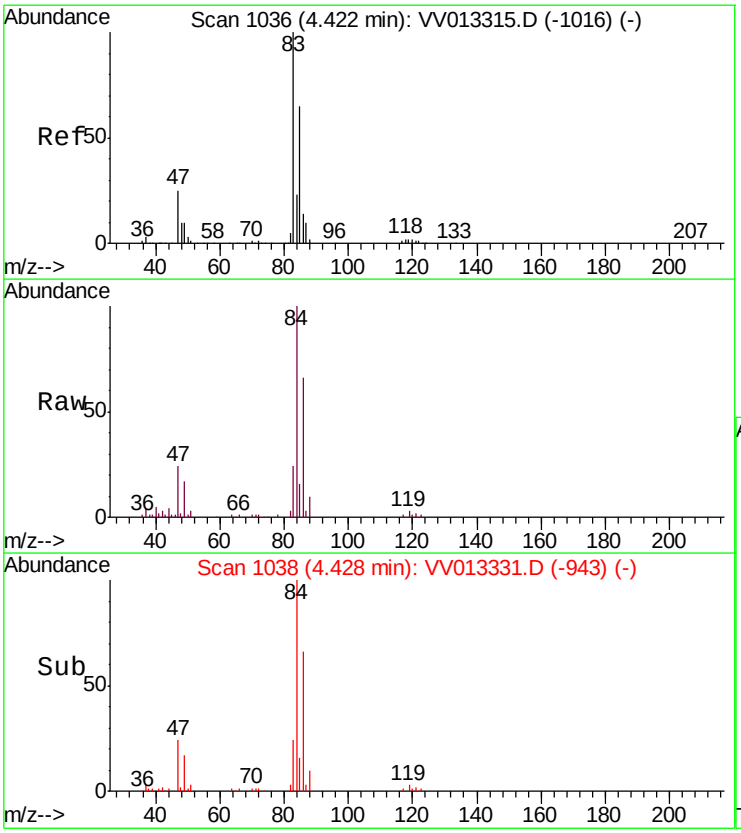
#22
cis-1,2-Dichloroethene
Concen: 0.688 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV013331.D
Acq: 25 Oct 2019 00:30

Instrument :
MSVOA_V
ClientSampleId :
H0G14

Tgt Ion: 96 Resp: 27325

Ion	Ratio	Lower	Upper
96	100		
61	121.6	77.3	143.7
68	0.0	0.1	0.1#

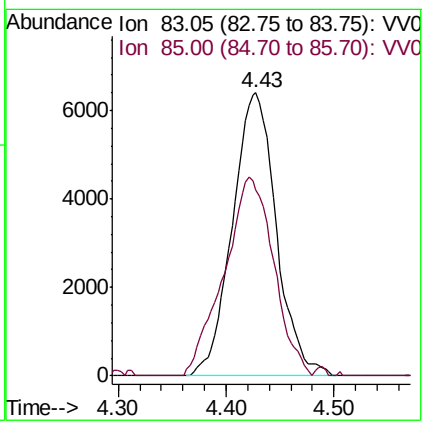


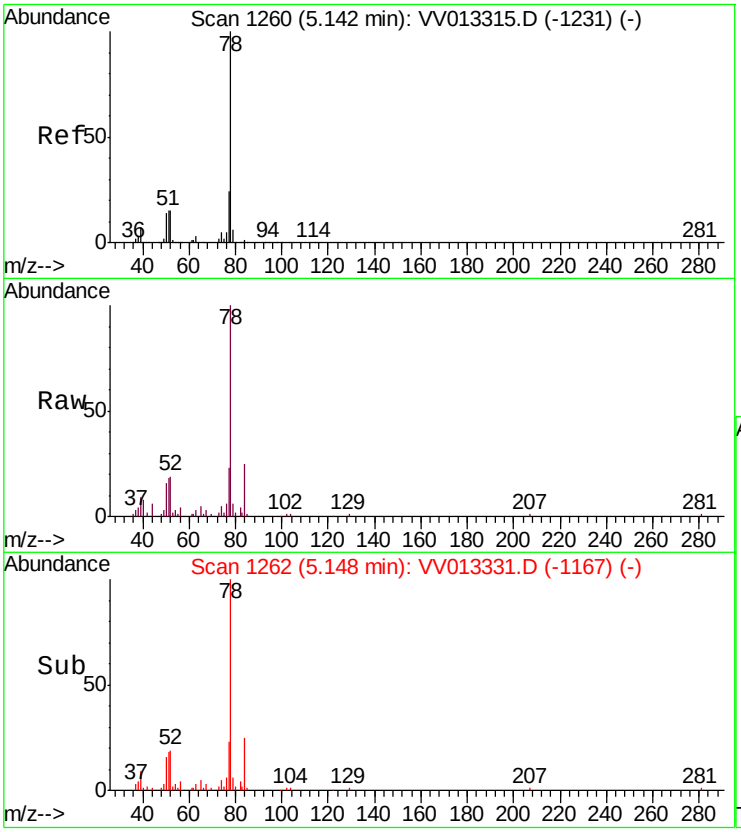


#25
Chloroform
Concen: 0.230 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013331.D
Acq: 25 Oct 2019 00:30

Tgt Ion: 83 Resp: 18099

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.7	84.9

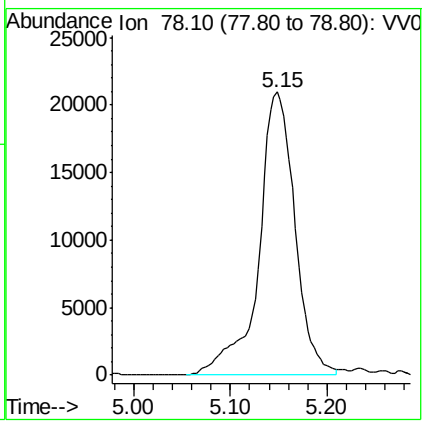


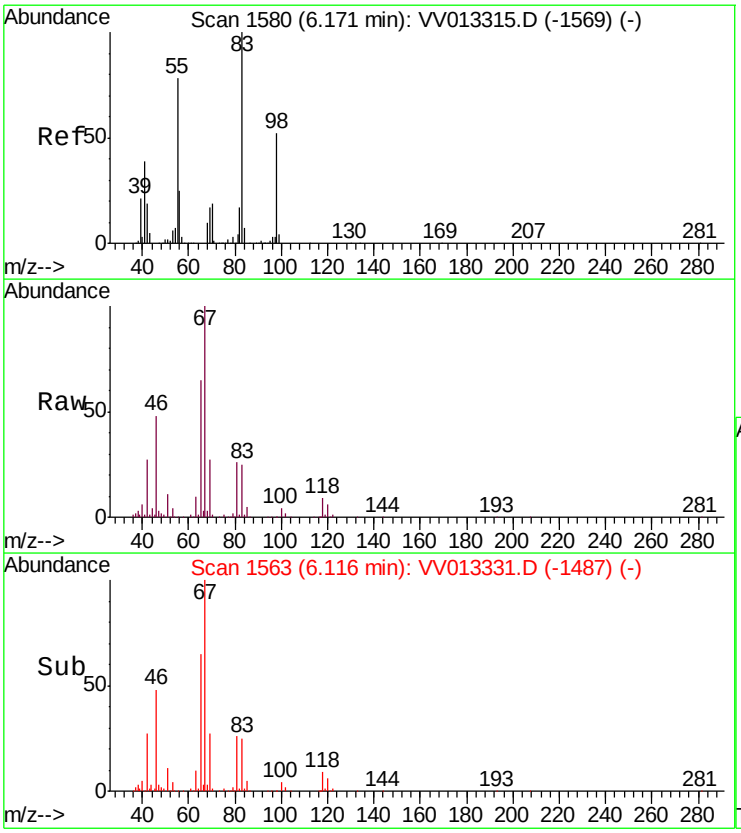


#33
Benzene
Concen: 0.331 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013331.D
Acq: 25 Oct 2019 00:30

Instrument :
MSVOA_V
ClientSampleId :
H0G14

Tgt Ion: 78 Resp: 54583

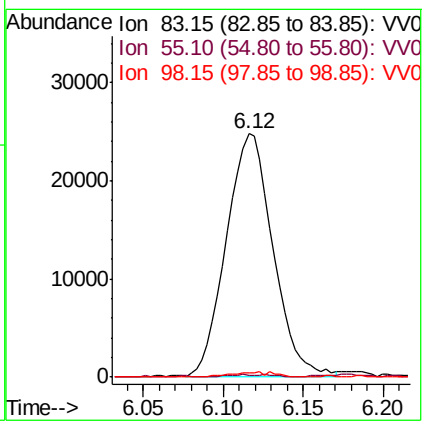


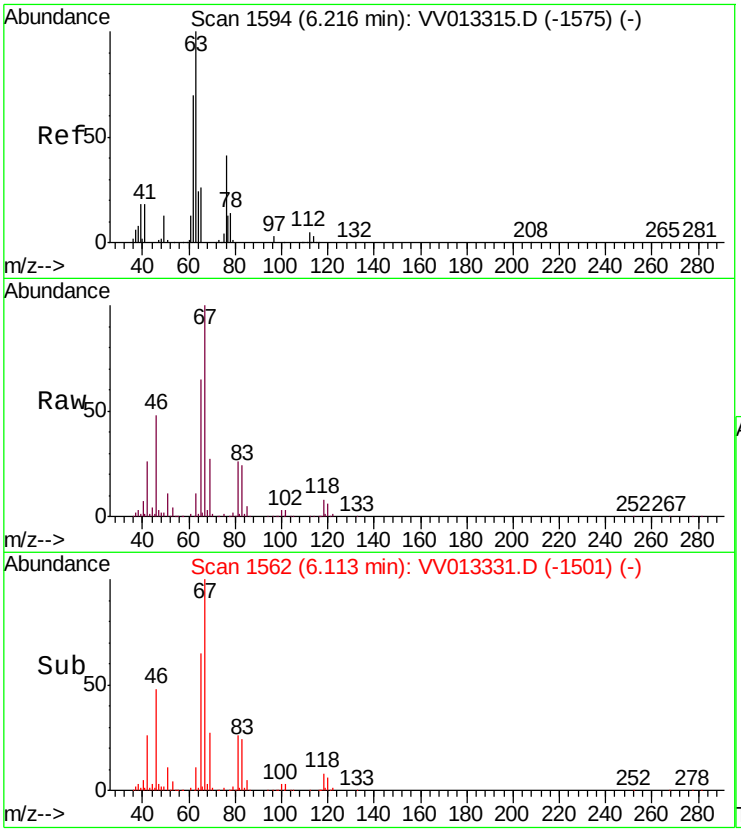


#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013331.D
Acq: 25 Oct 2019 00:30

Tgt Ion: 83 Resp: 49555

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.4	93.6#
98	1.3	39.2	58.8#



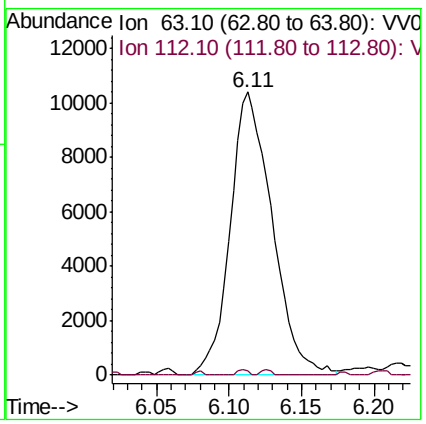


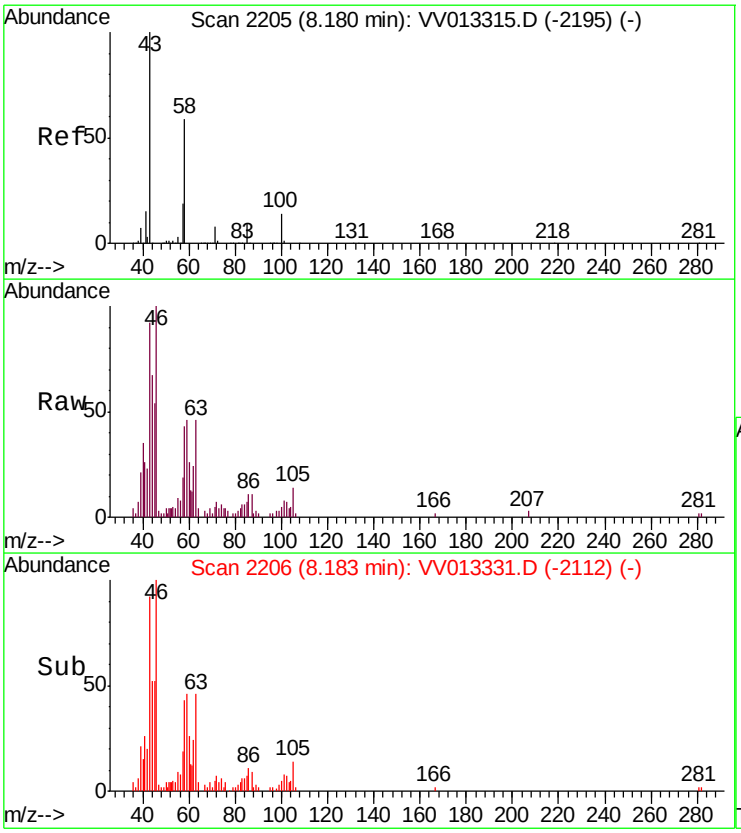
#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013331.D
Acq: 25 Oct 2019 00:30

Instrument : MSVOA_V
ClientSampleId : H0G14

Tgt Ion: 63 Resp: 20845

Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.1	6.1#





#48
2-Hexanone
Concen: 1.007 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013331.D
Acq: 25 Oct 2019 00:30

Tgt Ion: 43 Resp: 14711

Ion	Ratio	Lower	Upper
43	100		
58	36.3	45.1	67.7#
57	0.0	15.5	23.3#
100	7.1	10.2	15.2#