Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Data File : VV013362.D
Acq On : 25 Oct 2019 22:07
Operator : SY/MD
Sample : K5462-16DL 5X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G14DL

Quant Time: Oct 26 03:09:49 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	432007	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	470834	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	250686	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	209349	6.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 131.40%#			
7) Chloroethane-d5	1.58	69	132557	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.12	63	252500	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.20%			
20) 2-Butanone-d5	3.95	46	427821	69.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 139.88%#			
24) Chloroform-d	4.40	84	396522	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
26) 1,2-Dichloroethane-d4	5.08	65	193779	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.60%			
32) Benzene-d6	5.09	84	871075	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.20%			
36) 1,2-Dichloropropane-d6	6.11	67	256822	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%			
41) Toluene-d8	7.36	98	776119	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.00%			
43) trans-1,3-Dichloropropene-	7.66	79	82404	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.14	63	286080	46.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.50%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	163926	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	304418	6.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 124.80%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	27276	0.654	ug/L	94
17) Methyl tert-butyl Ether	2.80	73	174033	2.212	ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	121956	3.046	ug/L	94
19) 1,1-Dichloroethane	3.23	63	19301	0.297	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	466514	10.885	ug/L #	94
34) Trichloroethene	5.96	95	349755	7.250	ug/L	96
47) Tetrachloroethene	8.02	164	9169	0.209	ug/L	92

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

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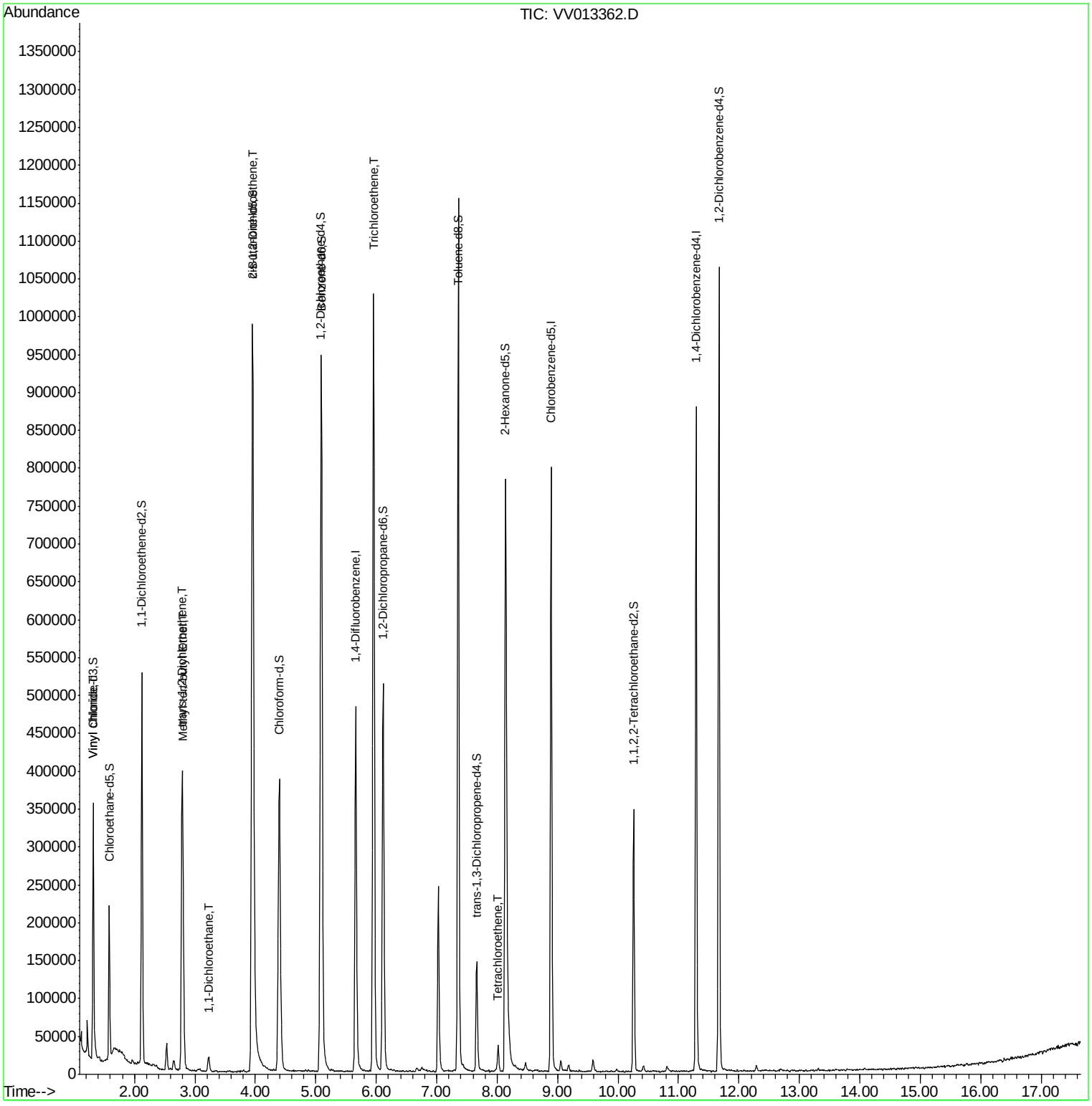
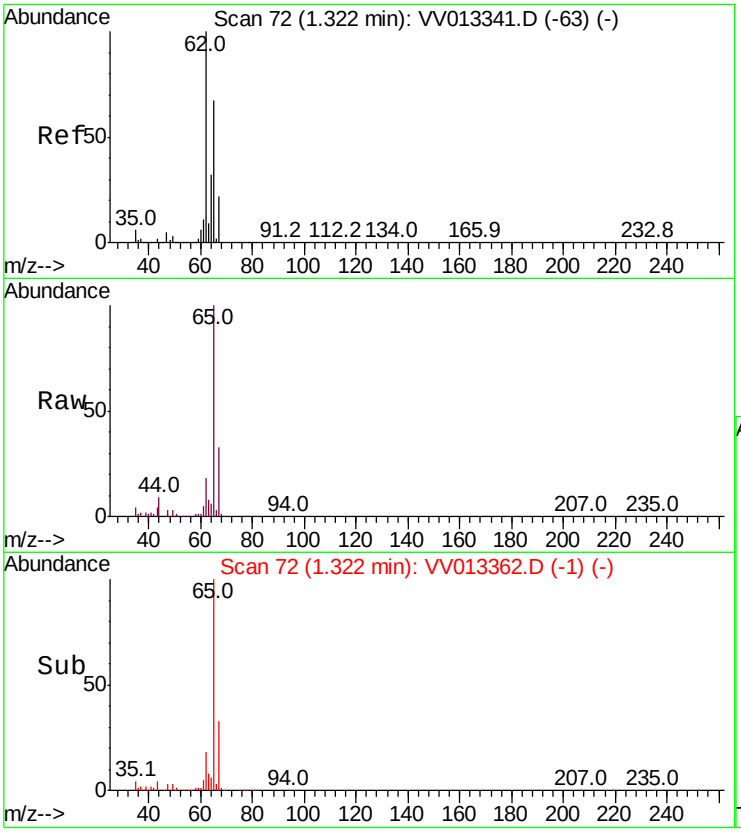


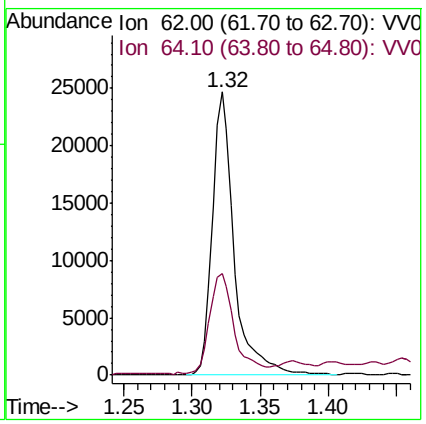


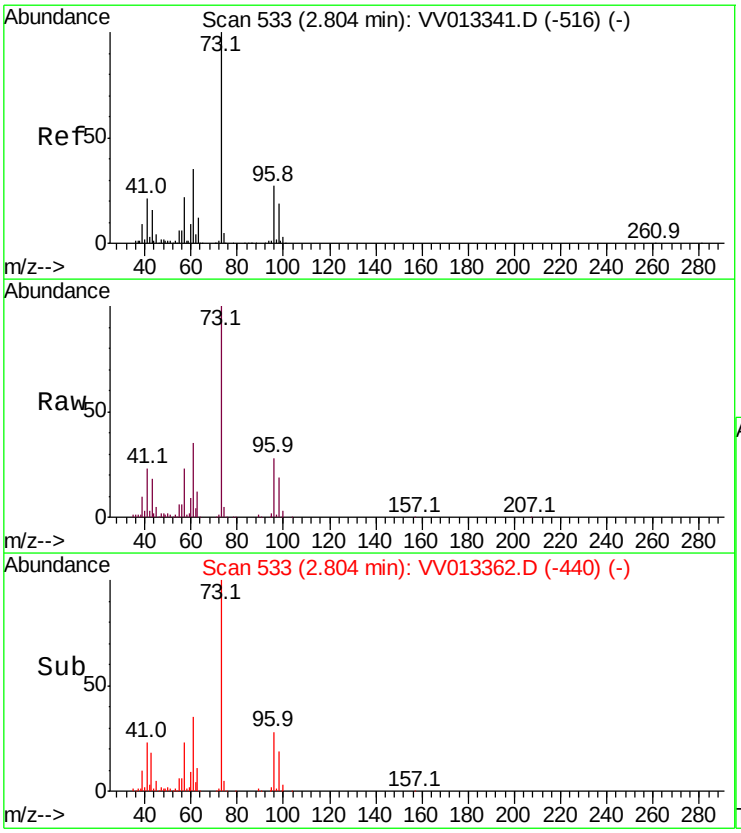
#5
Vinyl chloride
Concen: 0.654 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VV013362.D
Acq: 25 Oct 2019 22:07

Instrument : MSVOA_V
ClientSampleId : H0G14DL

Tgt Ion: 62 Resp: 27276

Ion	Ratio	Lower	Upper
62	100		
64	35.9	22.9	42.5

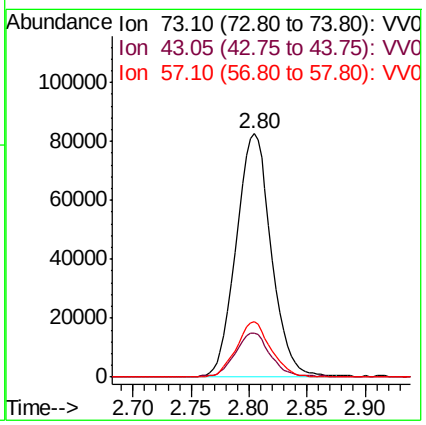


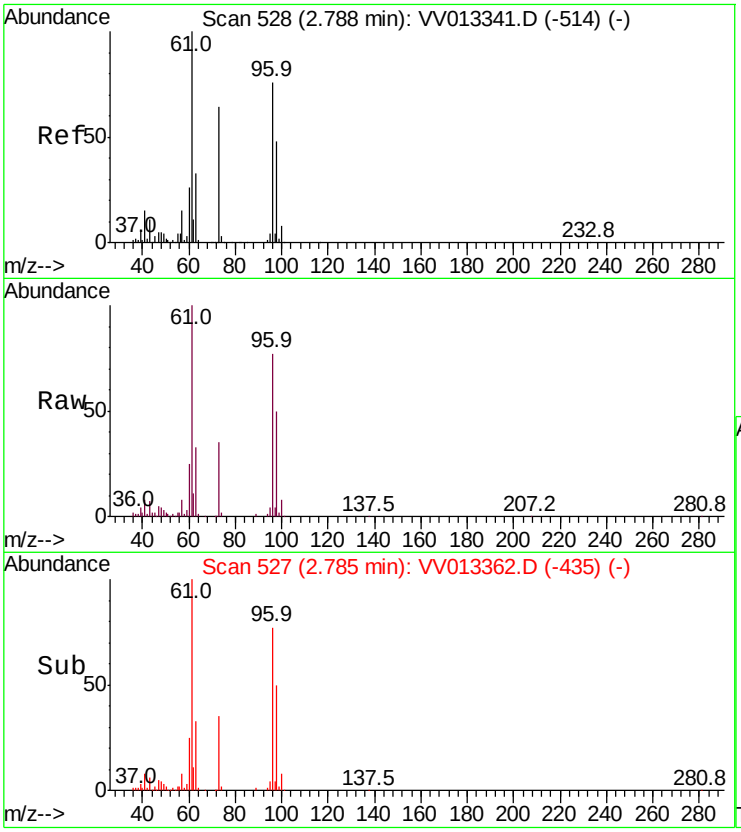


#17
Methyl tert-butyl Ether
Concen: 2.212 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013362.D
Acq: 25 Oct 2019 22:07

Tgt Ion: 73 Resp: 174033

Ion	Ratio	Lower	Upper
73	100		
43	18.3	13.1	19.7
57	22.2	16.4	24.6



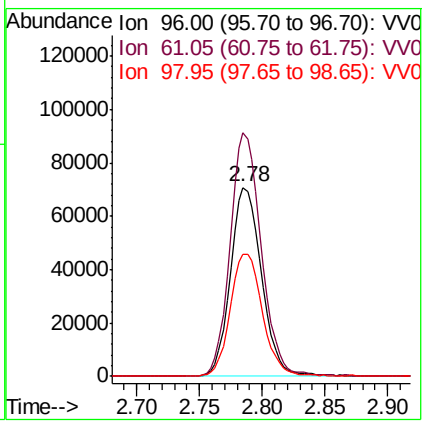


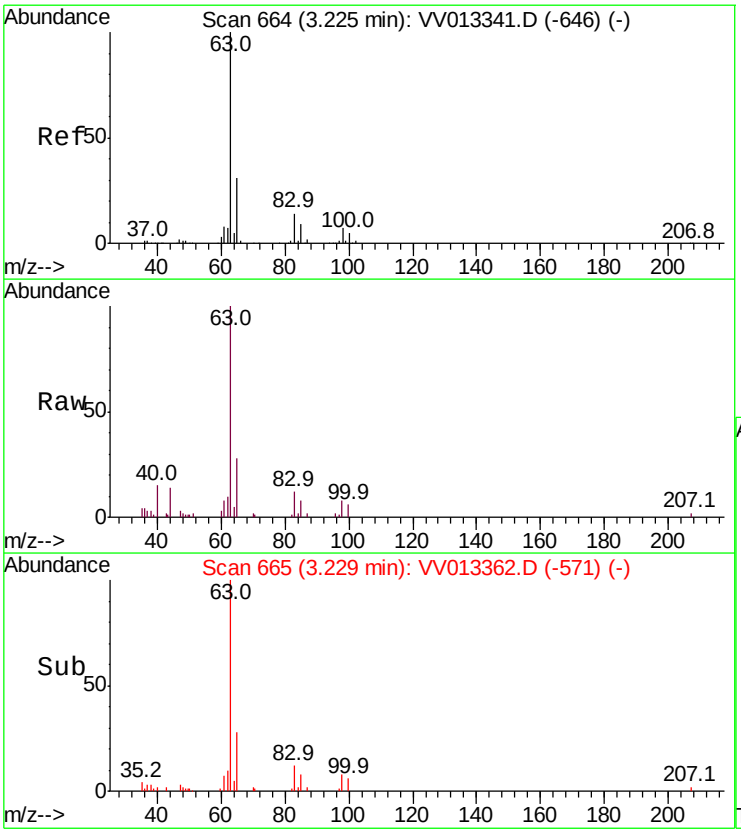
#18
trans-1,2-Dichloroethene
Concen: 3.046 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV013362.D
Acq: 25 Oct 2019 22:07

Instrument :
MSVOA_V
ClientSampleId :
H0G14DL

Tgt Ion: 96 Resp: 121956

Ion	Ratio	Lower	Upper
96	100		
61	129.1	84.4	156.8
98	64.9	44.4	82.4

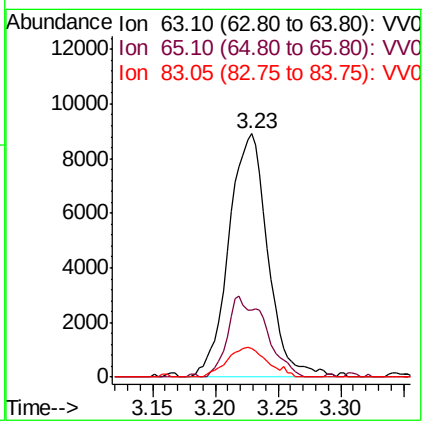


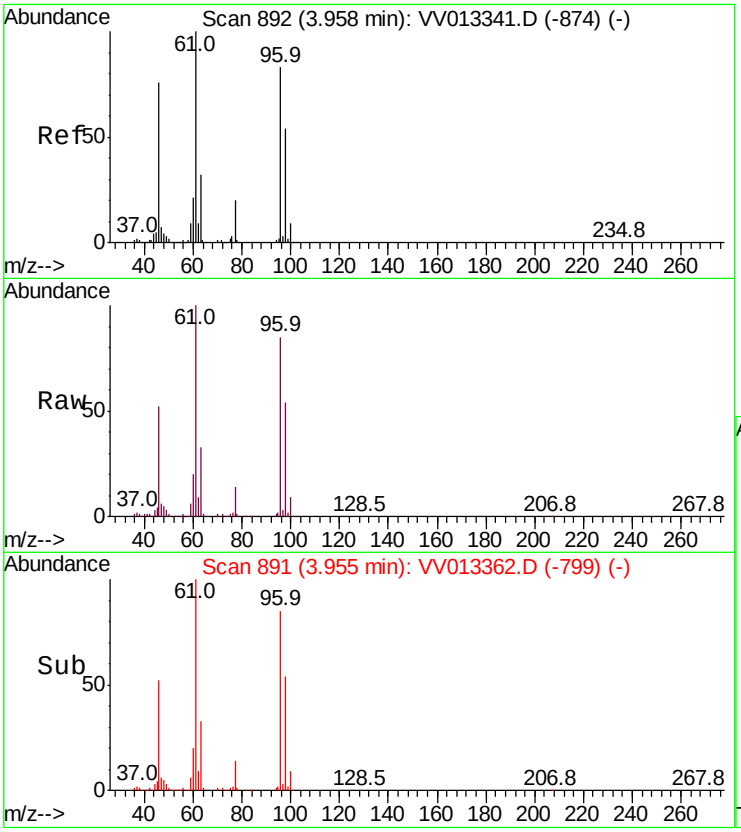


#19
1,1-Dichloroethane
Concen: 0.297 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013362.D
Acq: 25 Oct 2019 22:07

Tgt Ion: 63 Resp: 19301

Ion	Ratio	Lower	Upper
63	100		
65	27.6	23.0	42.8
83	11.9	10.2	19.0



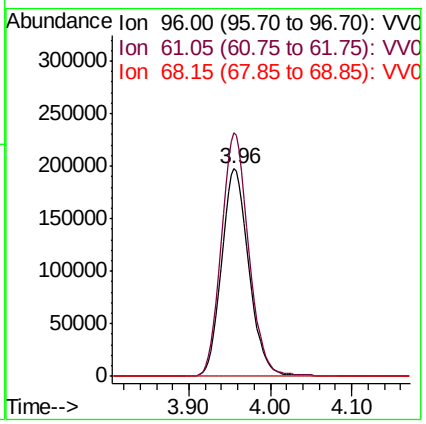


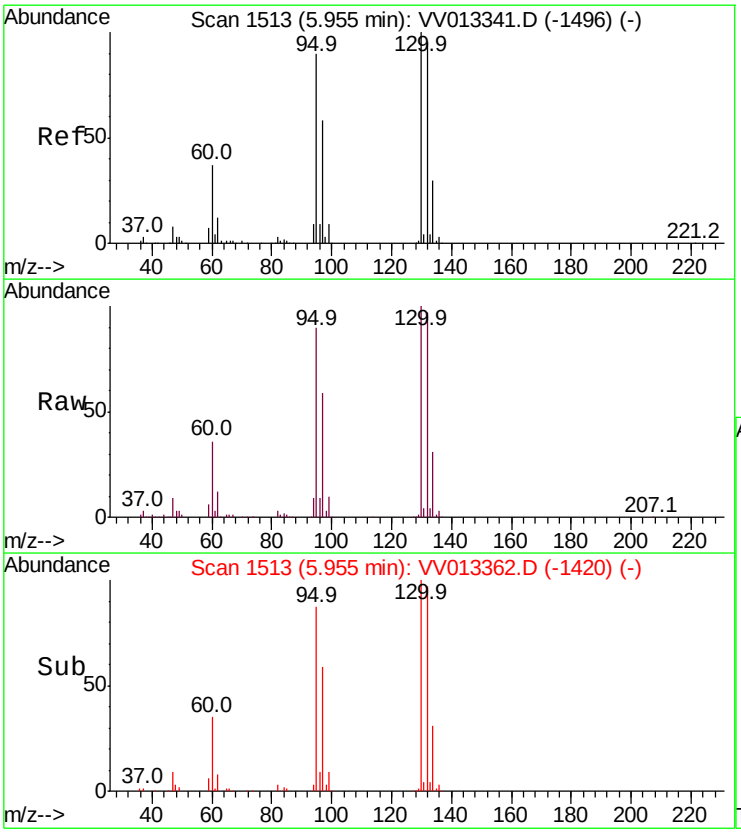
#22
cis-1,2-Dichloroethene
Concen: 10.885 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV013362.D
Acq: 25 Oct 2019 22:07

Instrument : MSVOA_V
ClientSampleId : H0G14DL

Tgt Ion: 96 Resp: 466514

Ion	Ratio	Lower	Upper
96	100		
61	117.3	77.3	143.7
68	0.0	0.1	0.1#

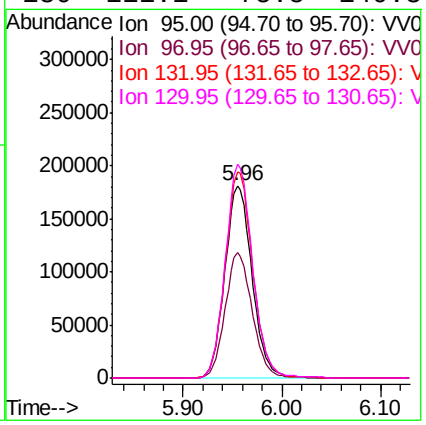


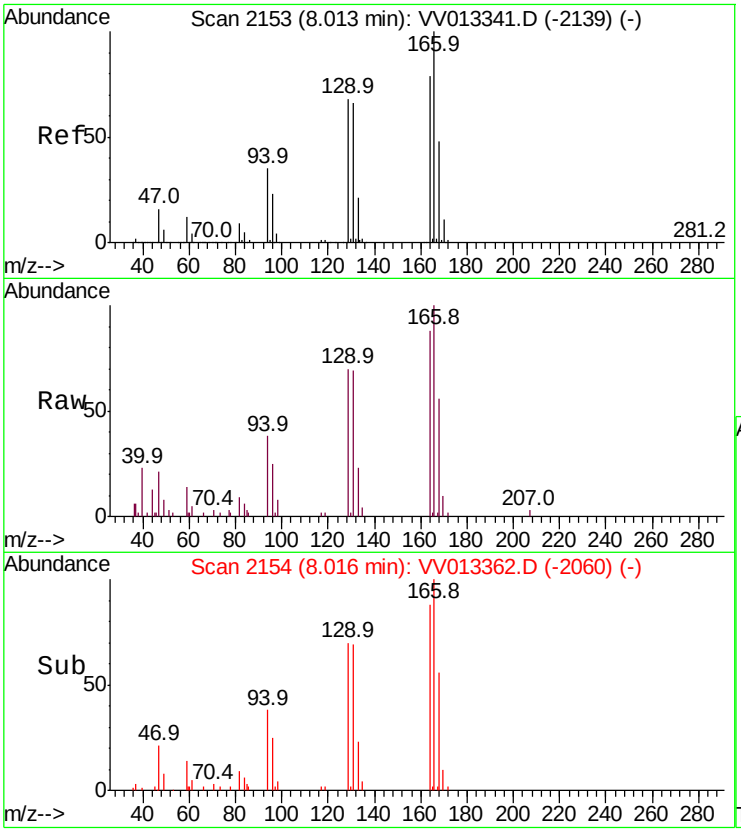


#34
Trichloroethene
Concen: 7.250 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV013362.D
Acq: 25 Oct 2019 22:07

Tgt Ion: 95 Resp: 349755

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.2	84.0
132	107.4	70.6	131.2
130	111.1	75.5	140.3





#47
Tetrachloroethene
Concen: 0.209 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013362.D
Acq: 25 Oct 2019 22:07

Instrument :
MSVOA_V
ClientSampleId :
H0G14DL

Tgt Ion:164 Resp: 9169

Ion	Ratio	Lower	Upper
164	100		
129	79.3	61.0	113.2
131	78.7	57.5	106.9
166	113.5	87.8	163.0