Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Data File : VV013354.D
Acq On : 25 Oct 2019 18:56
Operator : SY/MD
Sample : K5462-13DL 10X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G10DL

Quant Time: Oct 26 02:04:45 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	408740	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	438426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	233585	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	181422	6.02	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.40%			
7) Chloroethane-d5	1.58	69	145094	5.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.60%			
11) 1,1-Dichloroethene-d2	2.13	63	216743	4.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.80%			
20) 2-Butanone-d5	3.96	46	389518	67.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 134.62%#			
24) Chloroform-d	4.40	84	345908	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.08	65	168804	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
32) Benzene-d6	5.10	84	753570	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
36) 1,2-Dichloropropane-d6	6.12	67	222709	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.36	98	649013	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
43) trans-1,3-Dichloropropene-	7.66	79	74233	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
46) 2-Hexanone-d5	8.14	63	230694	40.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.10%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142847	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	260995	5.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	27190	0.689	ug/L	88
17) Methyl tert-butyl Ether	2.81	73	67847	0.912	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	32063	0.846	ug/L	95
19) 1,1-Dichloroethane	3.23	63	7147	0.116	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	390093	9.620	ug/L #	93
34) Trichloroethene	5.96	95	196305	4.370	ug/L	98
47) Tetrachloroethene	8.02	164	5866	0.144	ug/L	94

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

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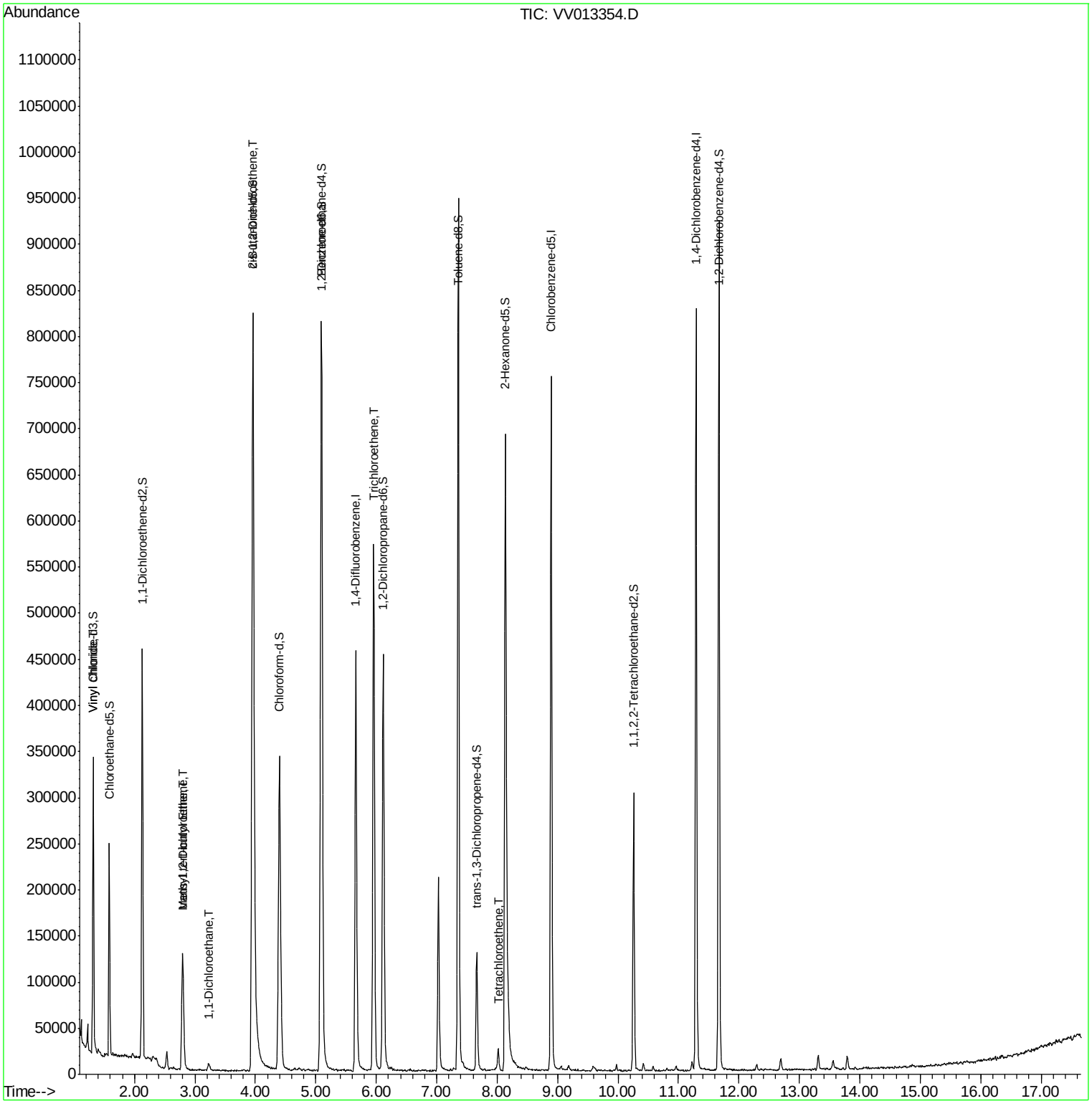
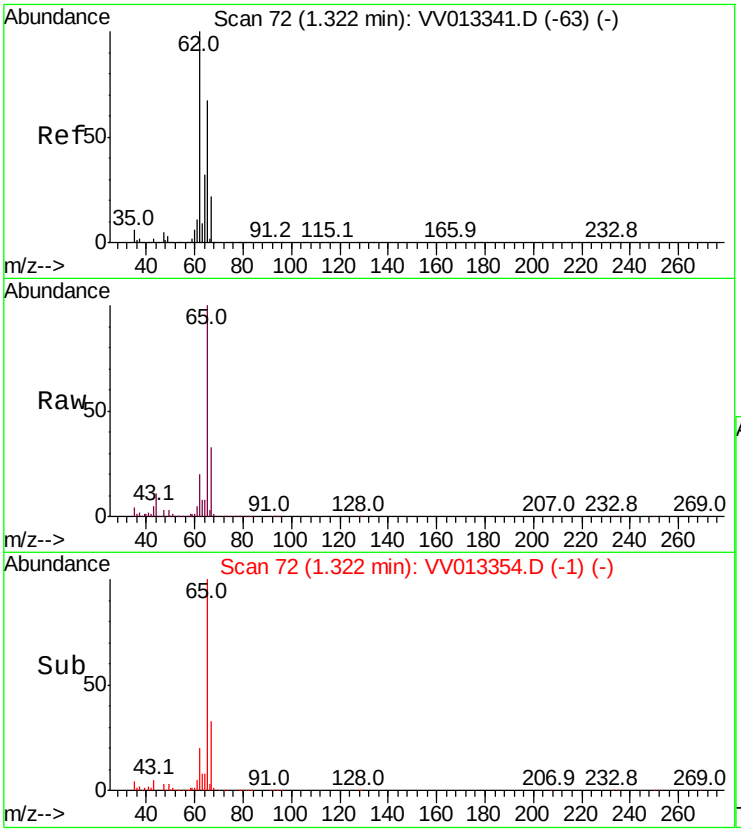


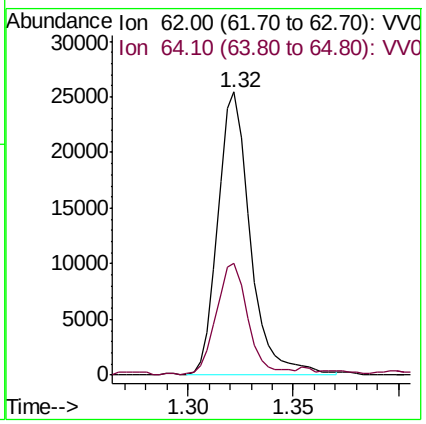


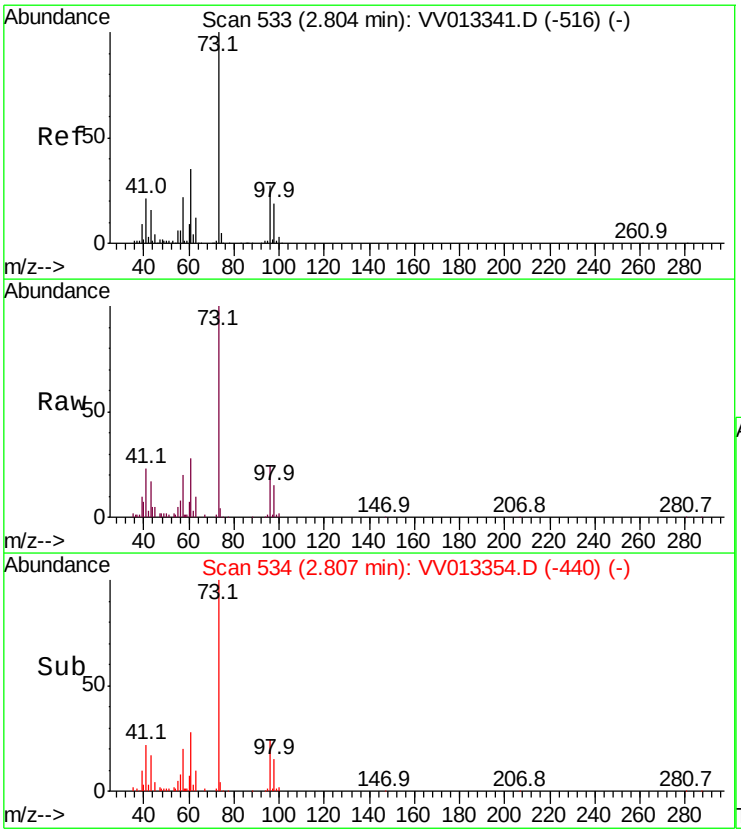
#5
Vinyl chloride
Concen: 0.689 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013354.D
Acq: 25 Oct 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
H0G10DL

Tgt Ion: 62 Resp: 27190

Ion	Ratio	Lower	Upper
62	100		
64	39.7	22.9	42.5

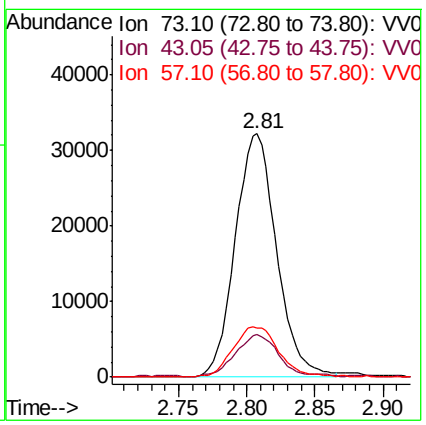


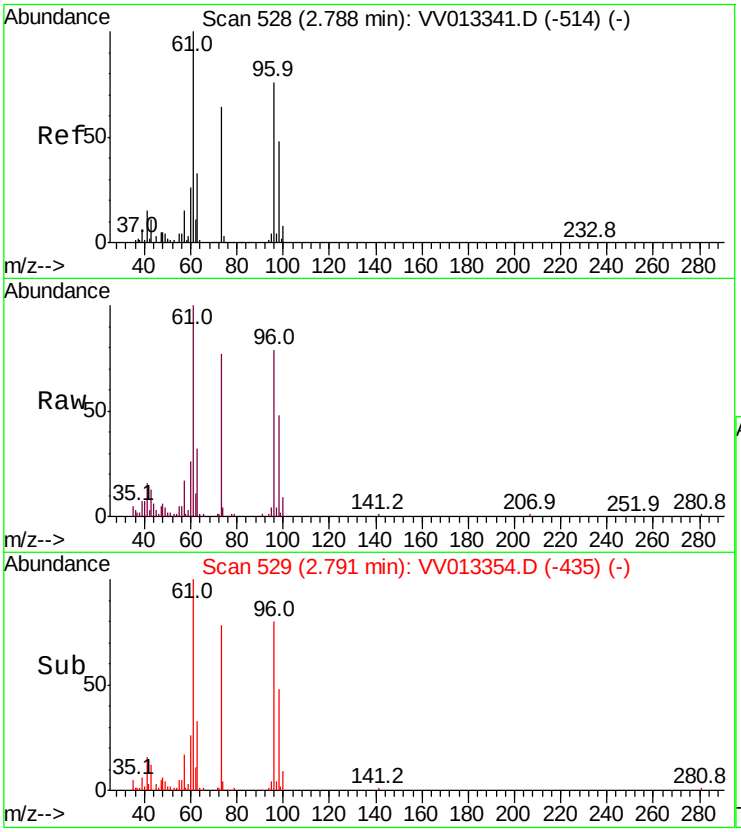


#17
Methyl tert-butyl Ether
Concen: 0.912 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV013354.D
Acq: 25 Oct 2019 18:56

Tgt Ion: 73 Resp: 67847

Ion	Ratio	Lower	Upper
73	100		
43	18.2	13.1	19.7
57	23.0	16.4	24.6



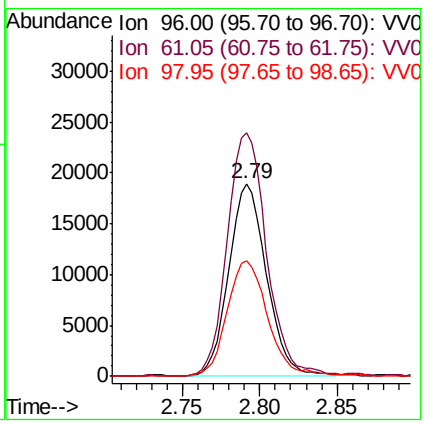


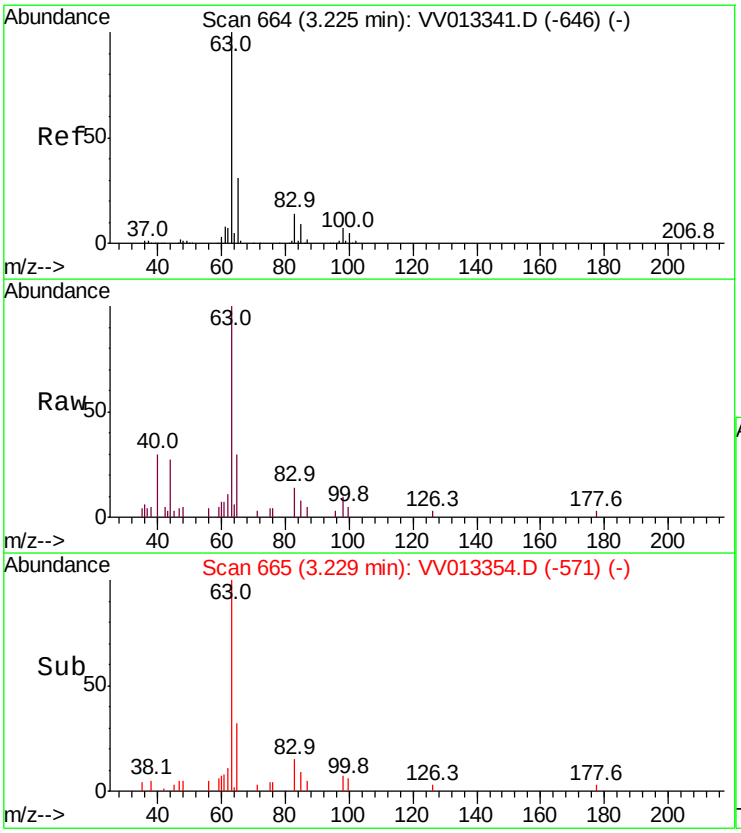
#18
trans-1,2-Dichloroethene
Concen: 0.846 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV013354.D
Acq: 25 Oct 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
H0G10DL

Tgt Ion: 96 Resp: 32063

Ion	Ratio	Lower	Upper
96	100		
61	126.4	84.4	156.8
98	60.2	44.4	82.4

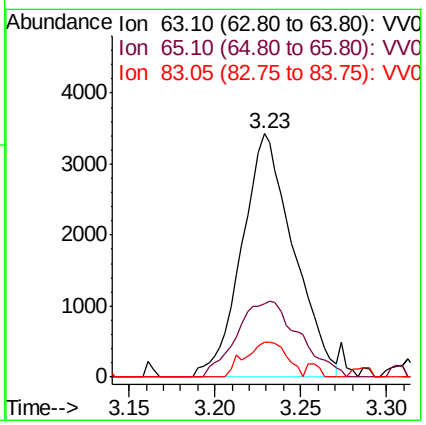


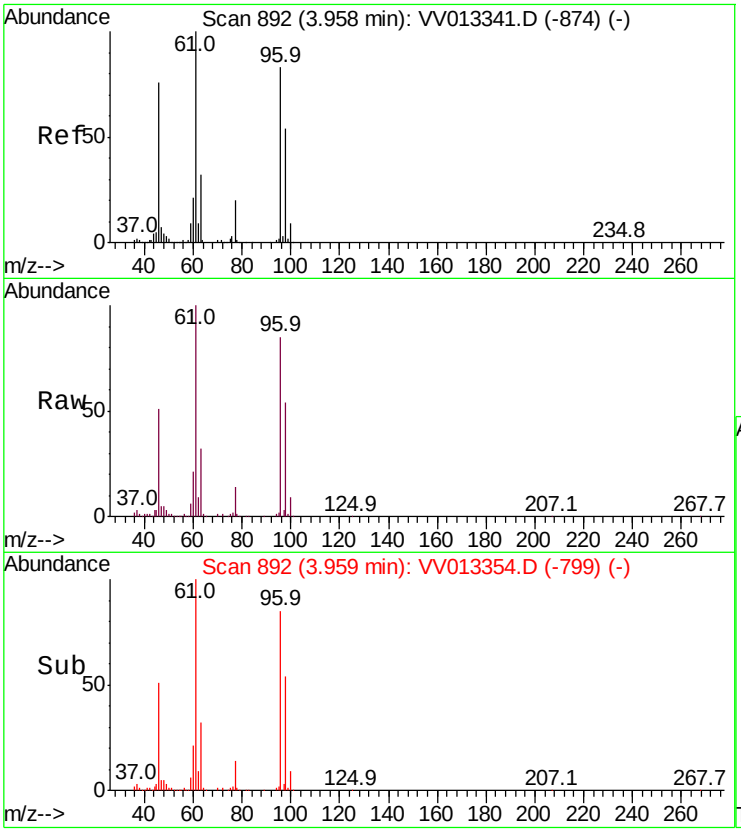


#19
1,1-Dichloroethane
Concen: 0.116 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013354.D
Acq: 25 Oct 2019 18:56

Tgt Ion: 63 Resp: 7147

Ion	Ratio	Lower	Upper
63	100		
65	30.0	23.0	42.8
83	14.2	10.2	19.0



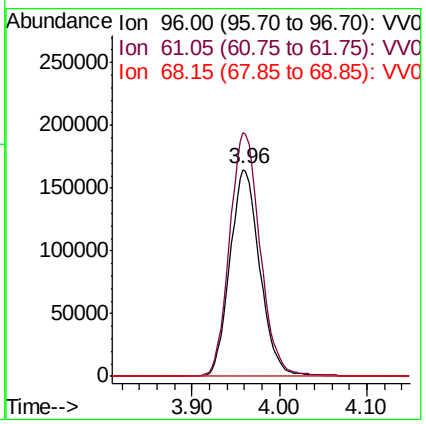


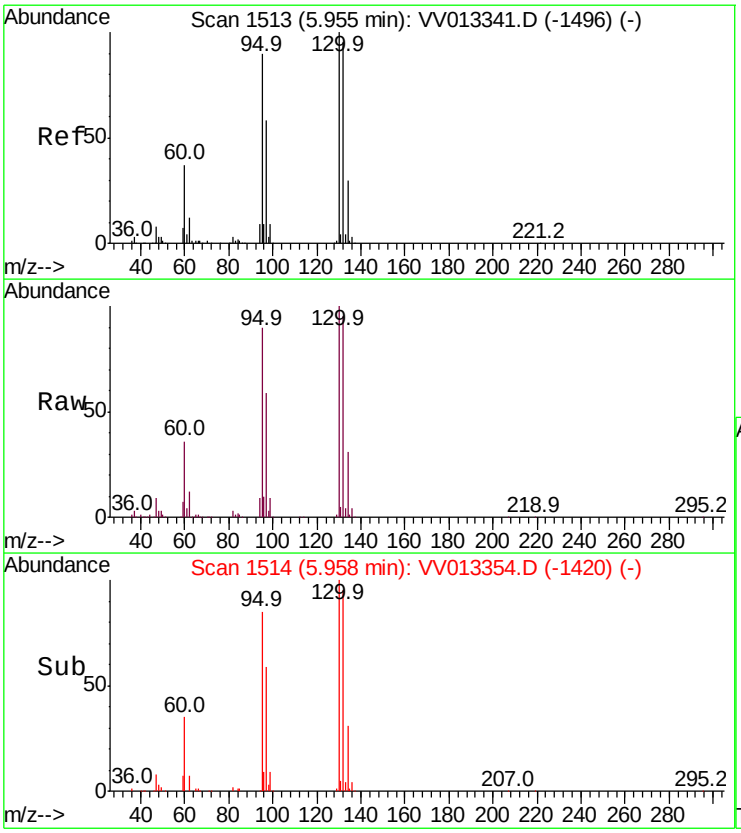
#22
cis-1,2-Dichloroethene
Concen: 9.620 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013354.D
Acq: 25 Oct 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
H0G10DL

Tgt Ion: 96 Resp: 390093

Ion	Ratio	Lower	Upper
96	100		
61	117.8	77.3	143.7
68	0.0	0.1	0.1#

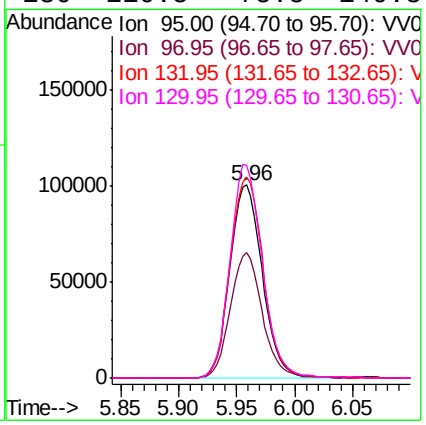


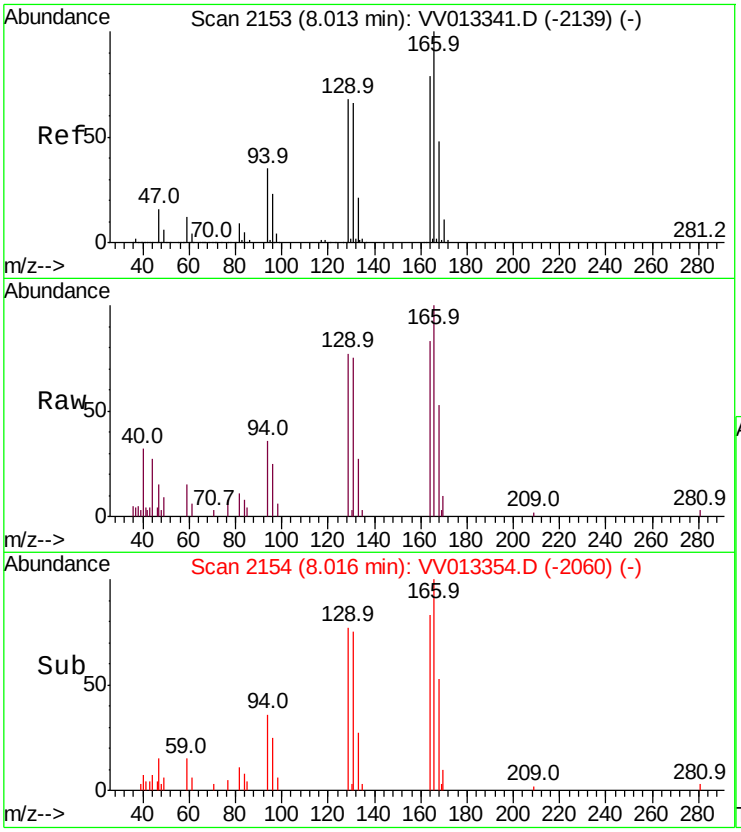


#34
Trichloroethene
Concen: 4.370 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013354.D
Acq: 25 Oct 2019 18:56

Tgt Ion: 95 Resp: 196305

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.2	84.0
132	104.5	70.6	131.2
130	110.5	75.5	140.3





#47
Tetrachloroethene
Concen: 0.144 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013354.D
Acq: 25 Oct 2019 18:56

Instrument :
MSVOA_V
ClientSampleId :
H0G10DL

Tgt Ion:164 Resp: 5866

Ion	Ratio	Lower	Upper
164	100		
129	92.1	61.0	113.2
131	89.8	57.5	106.9
166	120.2	87.8	163.0