Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102219\
Data File : VV013279.D
Acq On : 22 Oct 2019 15:11
Operator : SY/MD
Sample : K5462-07MSD
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G42MSD

Quant Time: Oct 23 02:09:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 01:23:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	439857	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	468035	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	246436	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	186328	5.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 115.00%			
7) Chloroethane-d5	1.58	69	152630	5.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.00%			
11) 1,1-Dichloroethene-d2	2.13	63	281072	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.40%			
20) 2-Butanone-d5	3.97	46	470038	75.48	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 150.96%#			
24) Chloroform-d	4.40	84	393027	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.08	65	188037	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
32) Benzene-d6	5.10	84	805415	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
36) 1,2-Dichloropropane-d6	6.12	67	241121	5.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.80%			
41) Toluene-d8	7.36	98	662467	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	7.66	79	80199	4.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.00%			
46) 2-Hexanone-d5	8.13	63	277276	45.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.18%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	169240	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	267977	5.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	146187	3.444	ug/L	98
12) 1,1-Dichloroethene	2.14	96	122184	3.533	ug/L	89
17) Methyl tert-butyl Ether	2.81	73	233208	2.912	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	79545	1.951	ug/L	95
19) 1,1-Dichloroethane	3.23	63	33551	0.506	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	2429853	55.685	ug/L #	89
33) Benzene	5.14	78	740218	4.142	ug/L	100
34) Trichloroethene	5.96	95	723958	15.096	ug/L	98
42) Toluene	7.43	91	738516	3.935	ug/L	100
47) Tetrachloroethene	8.02	164	14220	0.327	ug/L	96
51) Chlorobenzene	8.92	112	530425	4.317	ug/L	99

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

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Instrument :
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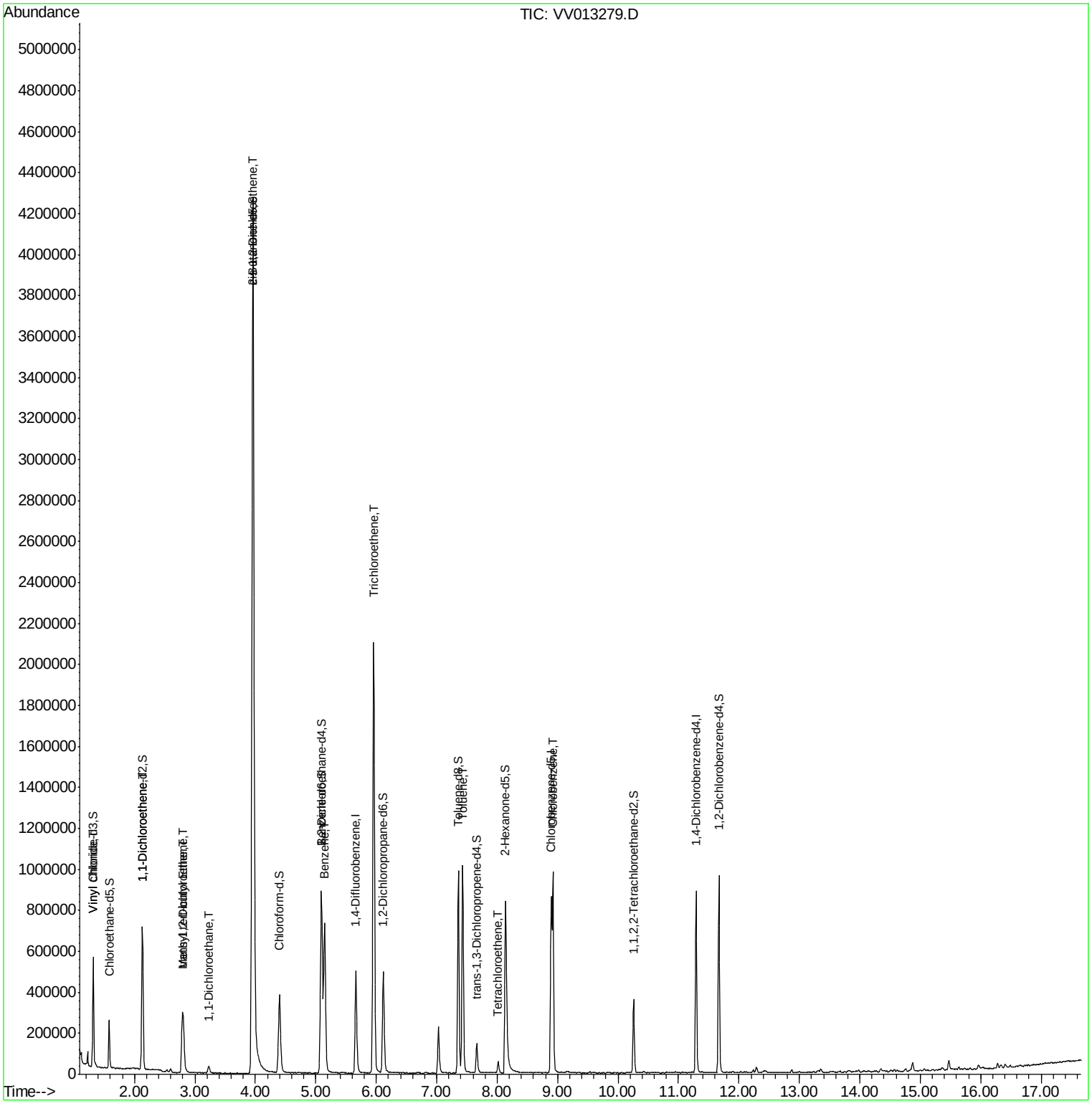
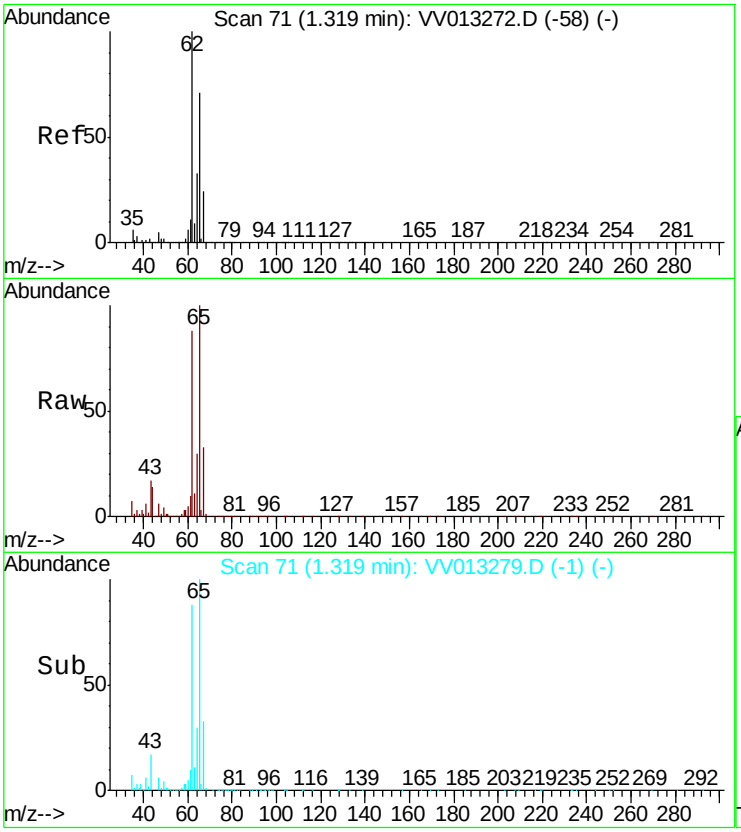
ClientSampleId :
H0G42MSD

Quant Time: Oct 23 02:09:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 01:23:09 2019
Response via : Initial Calibration



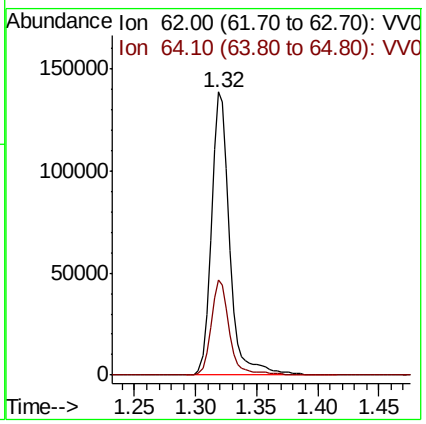


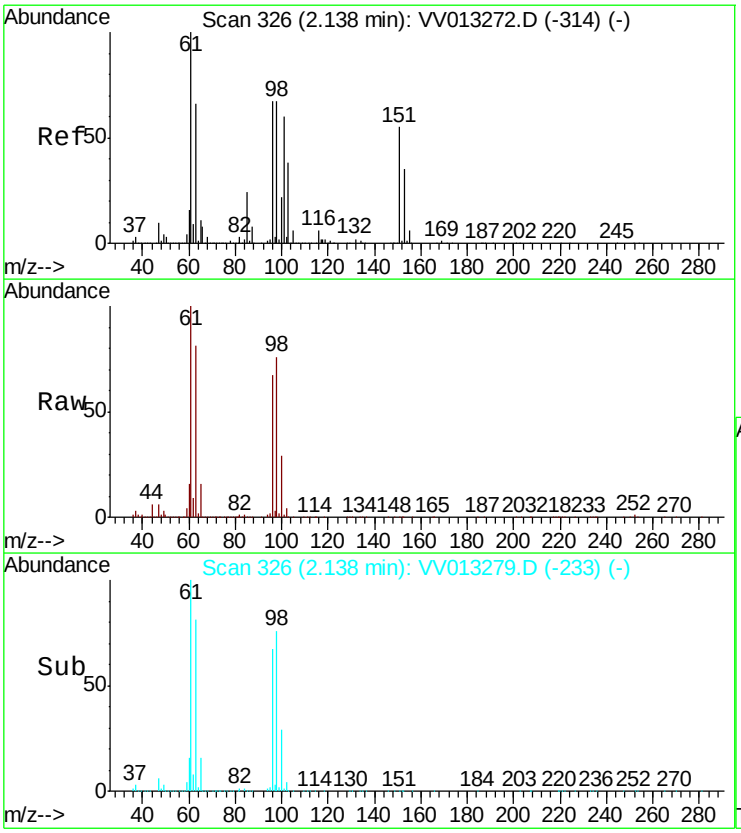
#5
Vinyl chloride
Concen: 3.444 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Instrument :
MSVOA_V
ClientSampleId :
H0G42MSD

Tgt Ion: 62 Resp: 146187

Ion	Ratio	Lower	Upper
62	100		
64	33.8	22.9	42.5

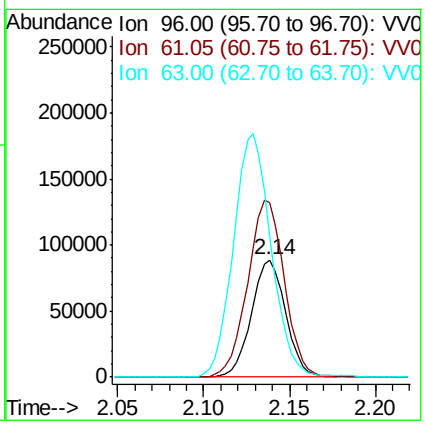


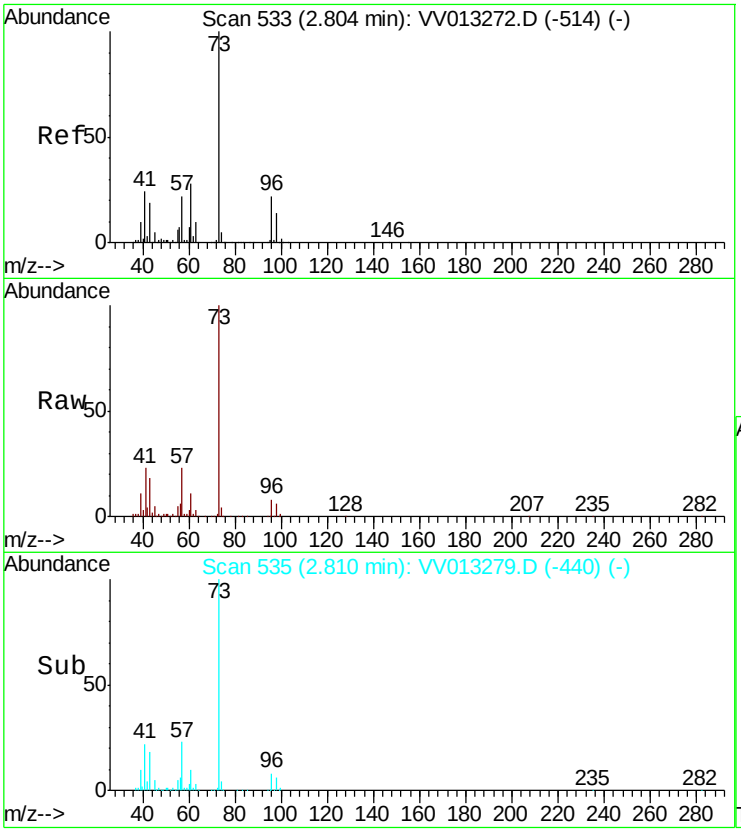


#12
1,1-Dichloroethene
Concen: 3.533 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Tgt Ion: 96 Resp: 122184

Ion	Ratio	Lower	Upper
96	100		
61	149.8	104.0	193.1
63	121.2	67.1	124.5



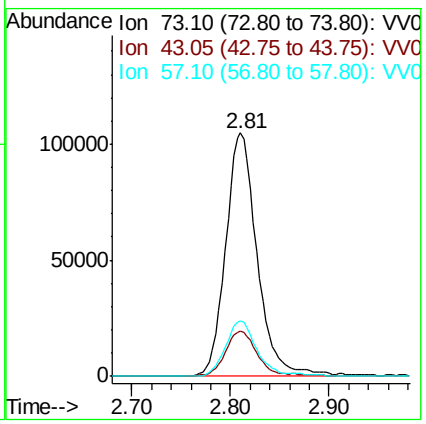


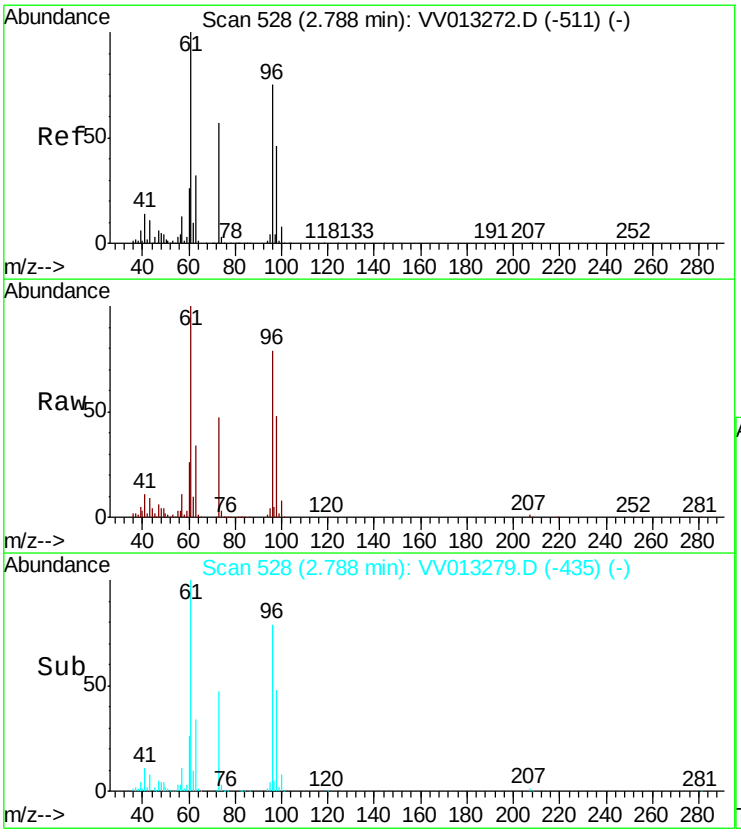
#17
Methyl tert-butyl Ether
Concen: 2.912 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.01 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Instrument : MSVOA_V
ClientSampleId : H0G42MSD

Tgt Ion: 73 Resp: 233208

Ion	Ratio	Lower	Upper
73	100		
43	18.0	13.1	19.7
57	22.8	16.4	24.6

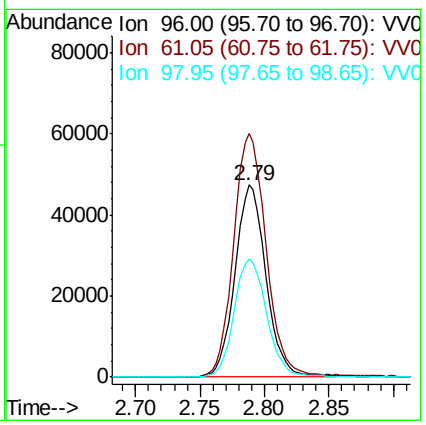


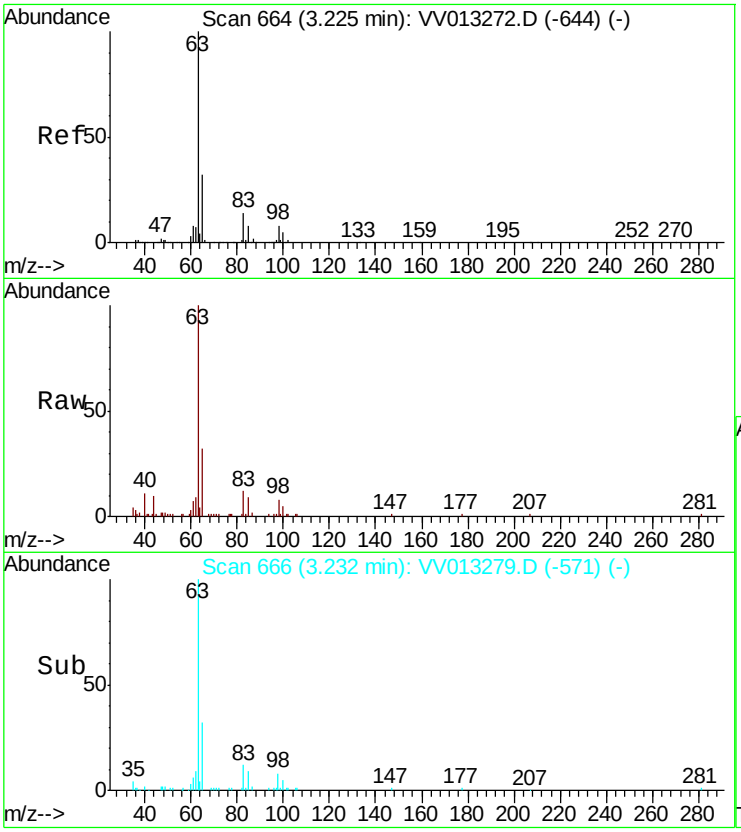


#18
trans-1,2-Dichloroethene
Concen: 1.951 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Tgt Ion: 96 Resp: 79545

Ion	Ratio	Lower	Upper
96	100		
61	126.9	84.4	156.8
98	61.3	44.4	82.4



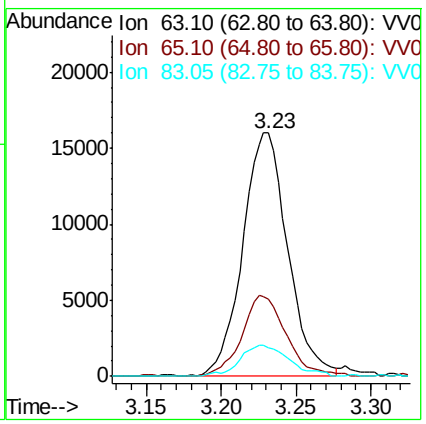


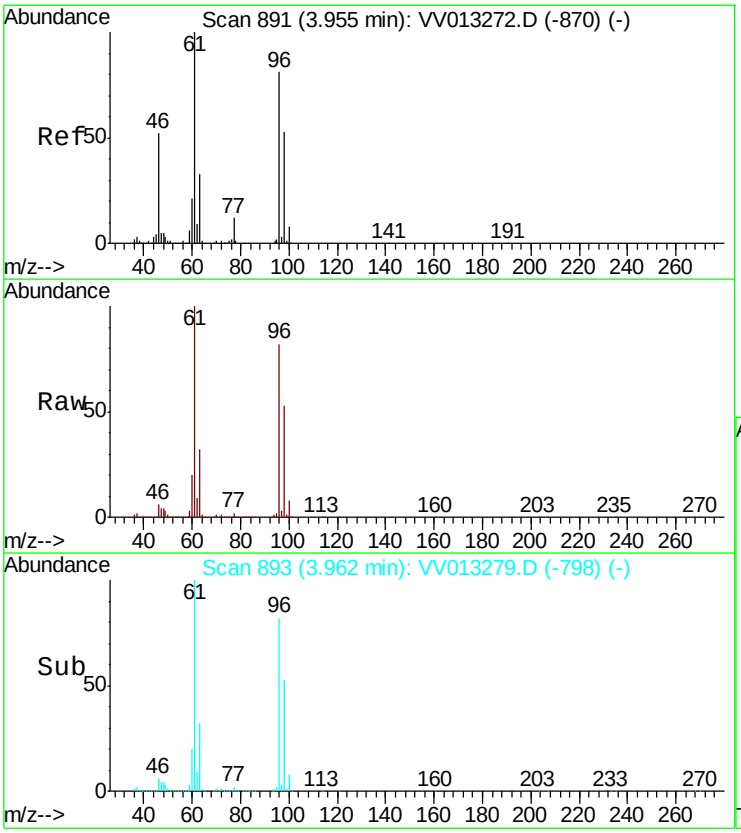
#19
1,1-Dichloroethane
Concen: 0.506 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Instrument :
MSVOA_V
ClientSampleId :
H0G42MSD

Tgt Ion: 63 Resp: 33551

Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.0	42.8
83	11.9	10.2	19.0

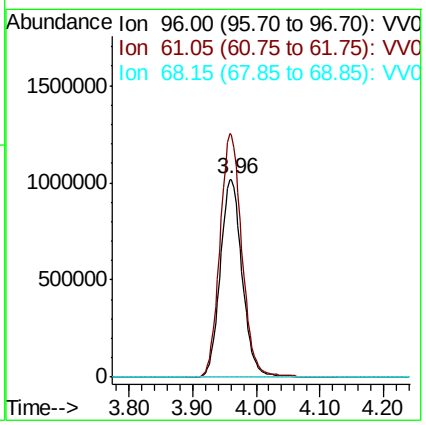


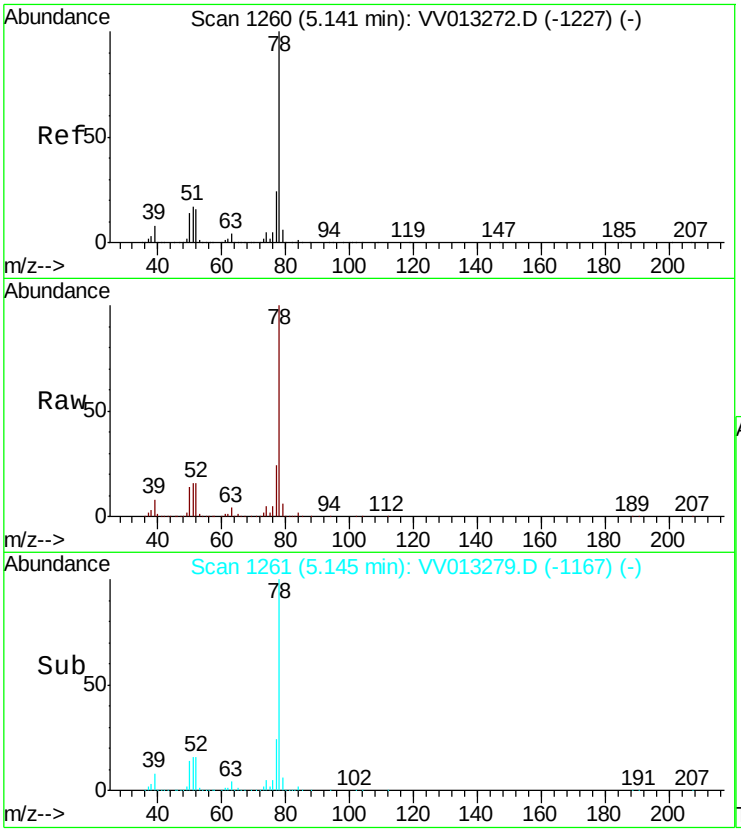


#22
cis-1,2-Dichloroethene
Concen: 55.685 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Tgt Ion: 96 Resp: 2429853

Ion	Ratio	Lower	Upper
96	100		
61	122.4	77.3	143.7
68	0.0	0.1	0.1#

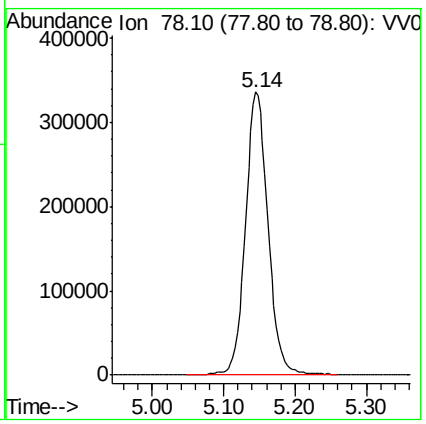


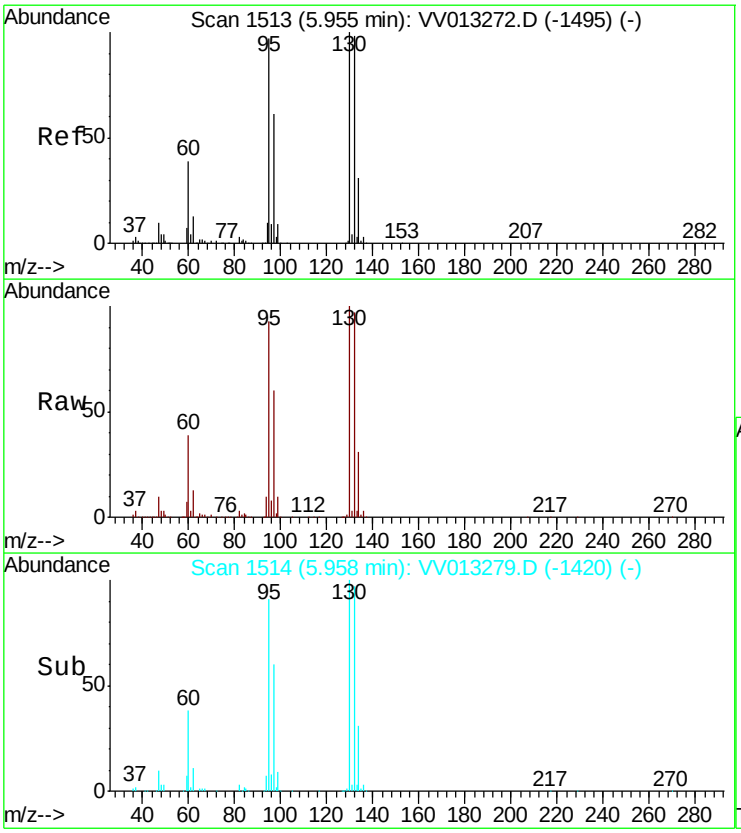


#33
Benzene
Concen: 4.142 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Instrument :
MSVOA_V
ClientSampleId :
H0G42MSD

Tgt Ion: 78 Resp: 740218

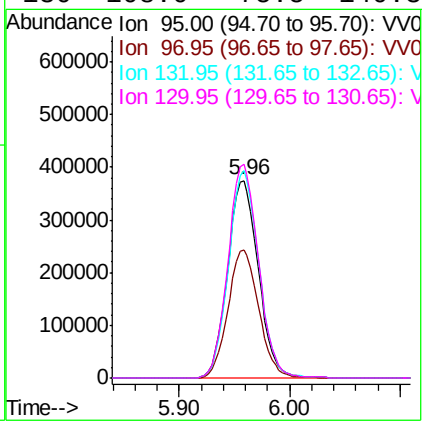


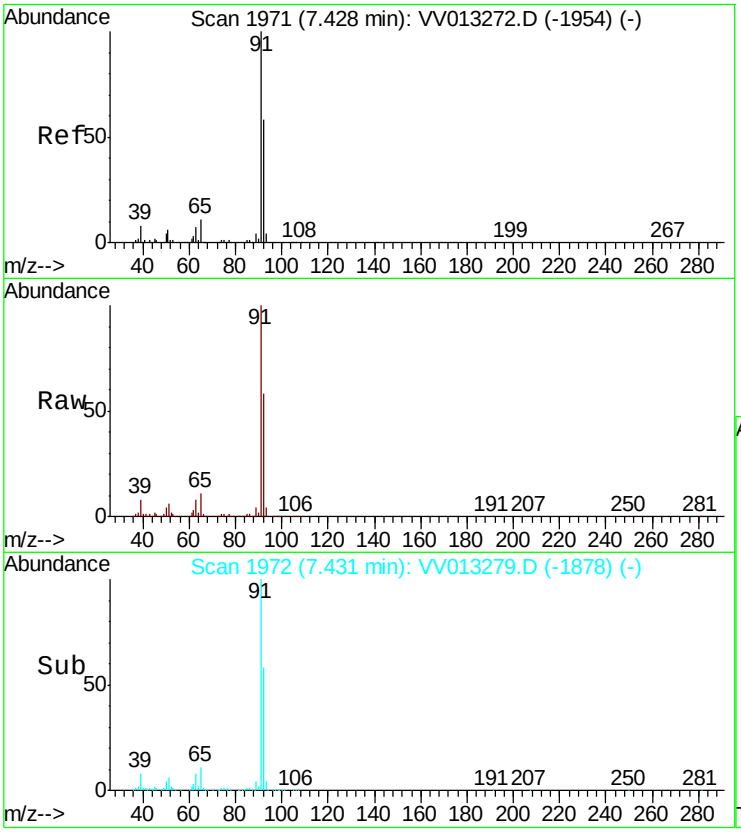


#34
Trichloroethene
Concen: 15.096 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Tgt Ion: 95 Resp: 723958

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.2	84.0
132	105.0	70.6	131.2
130	108.0	75.5	140.3



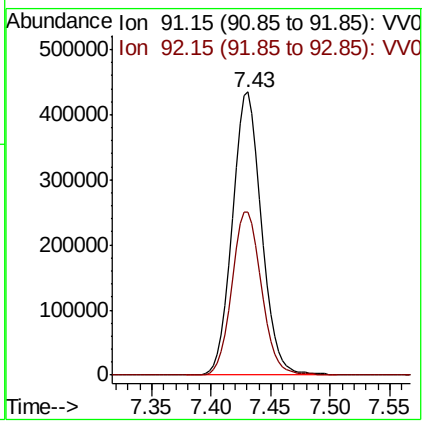


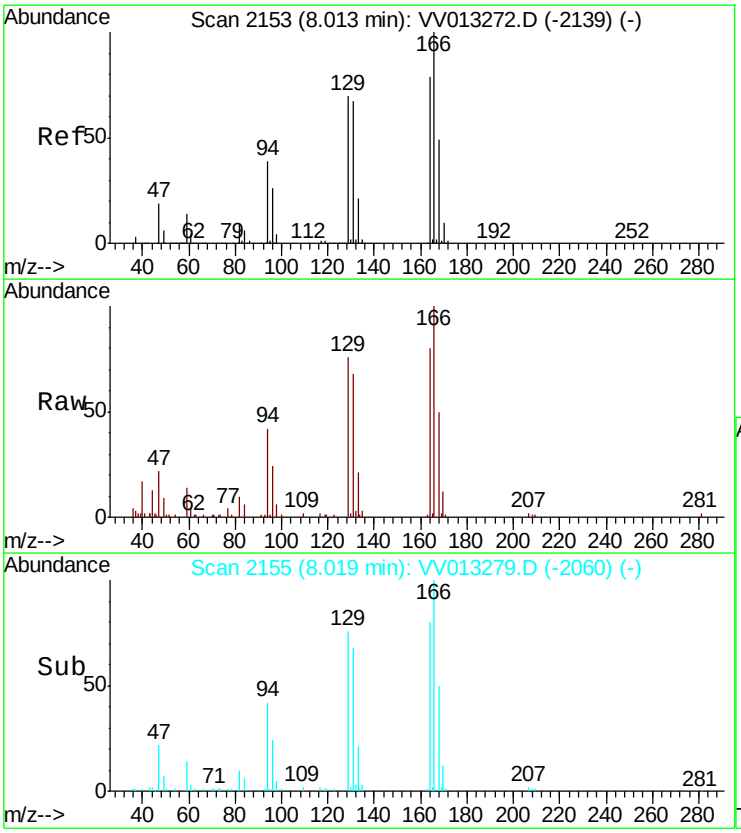
#42
Toluene
Concen: 3.935 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Instrument : MSVOA_V
ClientSampleId : H0G42MSD

Tgt Ion: 91 Resp: 738516

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.5	75.1

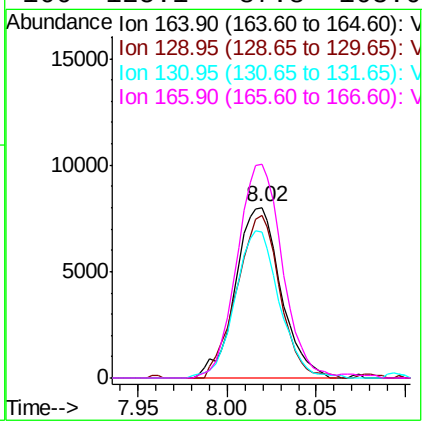


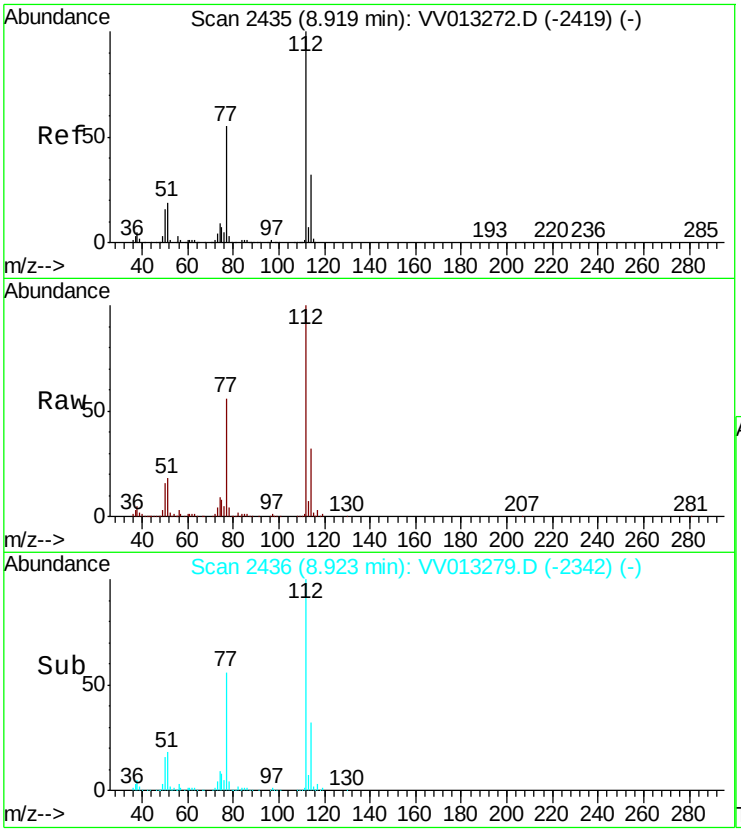


#47
Tetrachloroethene
Concen: 0.327 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.01 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Tgt Ion:164 Resp: 14220

Ion	Ratio	Lower	Upper
164	100		
129	95.4	61.0	113.2
131	85.4	57.5	106.9
166	125.1	87.8	163.0

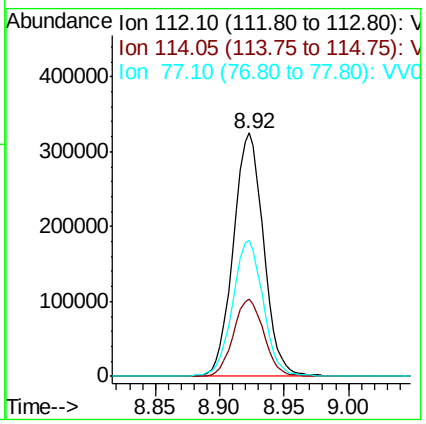




#51
Chlorobenzene
Concen: 4.317 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013279.D
Acq: 22 Oct 2019 15:11

Tgt Ion:112 Resp: 530425

Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.8	40.6
77	55.7	44.4	66.6



Instrument :
MSVOA_V
ClientSampleId :
H0G42MSD