Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Data File : VV013265.D
Acq On : 22 Oct 2019 00:34
Operator : SY/MD
Sample : K5457-07
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K12

Quant Time: Oct 22 05:01:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	318032	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	336515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	155232	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	123754	5.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.60%			
7) Chloroethane-d5	1.58	69	119211	6.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 123.20%			
11) 1,1-Dichloroethene-d2	2.13	63	134206	3.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.40%			
20) 2-Butanone-d5	3.97	46	433384	96.25	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 192.50%#			
24) Chloroform-d	4.40	84	332991	6.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 120.80%			
26) 1,2-Dichloroethane-d4	5.08	65	173346	6.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 135.60%#			
32) Benzene-d6	5.10	84	601049	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.40%			
36) 1,2-Dichloropropane-d6	6.12	67	205713	6.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 125.60%			
41) Toluene-d8	7.36	98	408391	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.00%			
43) trans-1,3-Dichloropropene-	7.66	79	46336	3.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.60%			
46) 2-Hexanone-d5	8.14	63	265439	60.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.08%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	154746	6.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 130.80%#			
64) 1,2-Dichlorobenzene-d4	11.67	152	172435	5.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	5885	0.193	ug/L	96
16) Methylene chloride	2.53	84	19936	0.531	ug/L	91
18) trans-1,2-Dichloroethene	2.79	96	3661	0.124	ug/L	87
19) 1,1-Dichloroethane	3.23	63	10600	0.221	ug/L #	86
22) cis-1,2-Dichloroethene	3.96	96	32505	1.030	ug/L #	85
34) Trichloroethene	5.96	95	26723	0.775	ug/L	94
47) Tetrachloroethene	8.02	164	6475	0.207	ug/L	91

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

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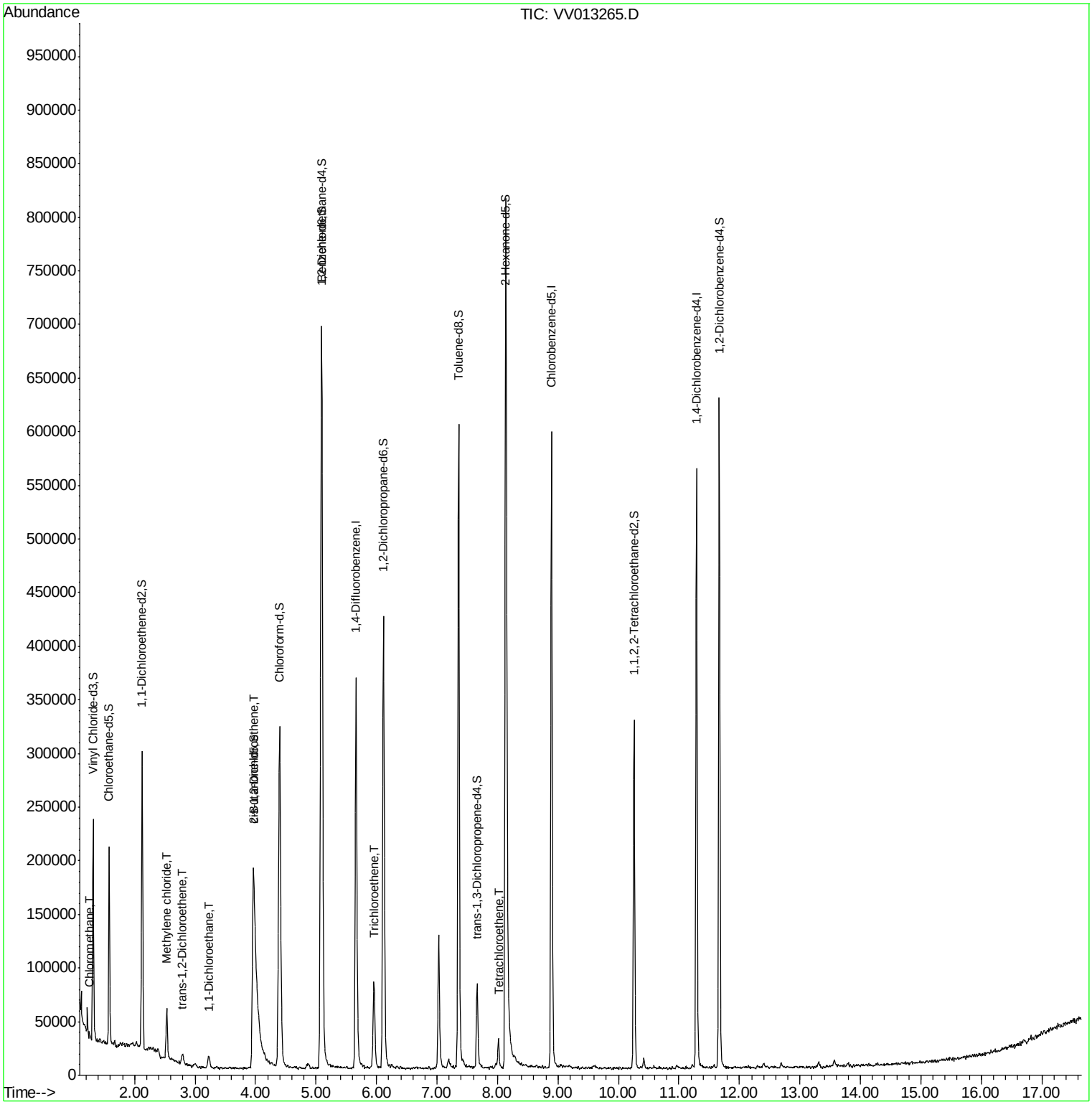
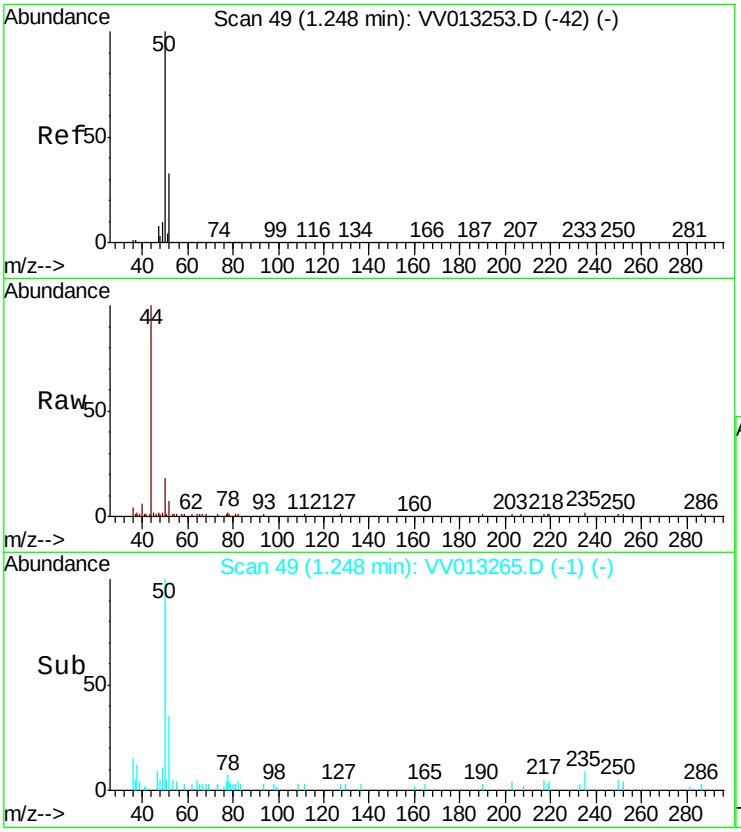


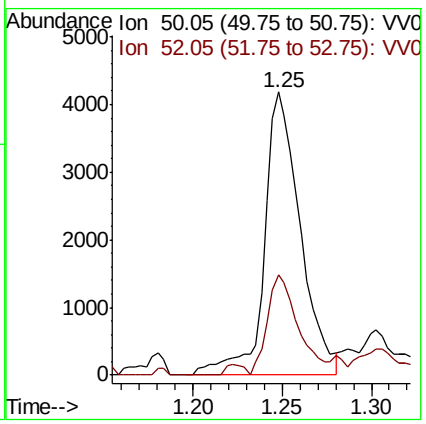


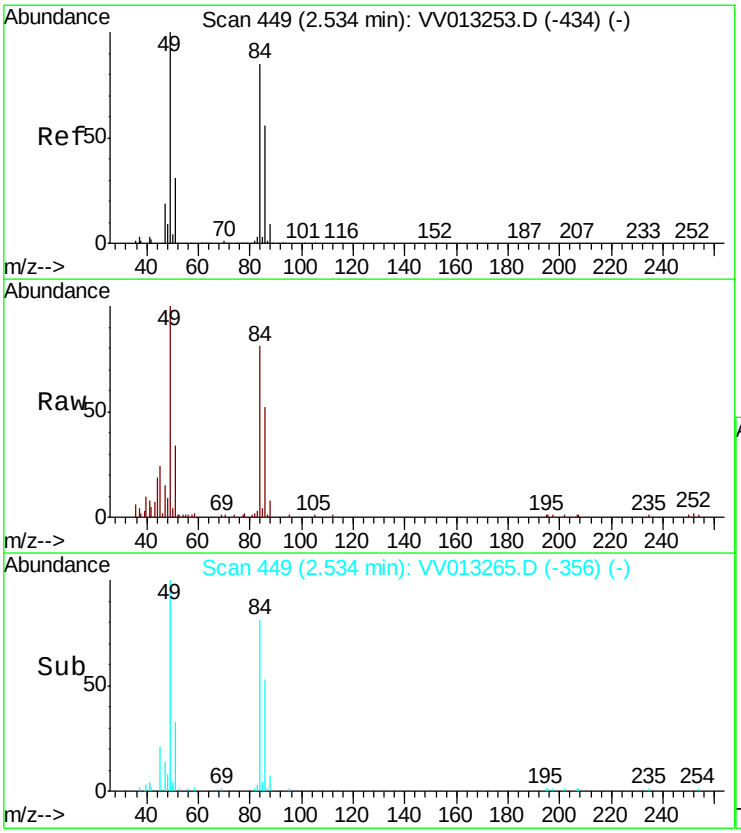
#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV013265.D
Acq: 22 Oct 2019 00:34

Instrument :
MSVOA_V
ClientSampleId :
C0K12

Tgt Ion: 50 Resp: 5885

Ion	Ratio	Lower	Upper
50	100		
52	35.4	23.3	43.3

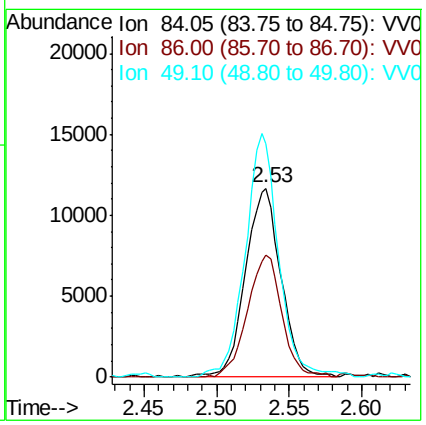


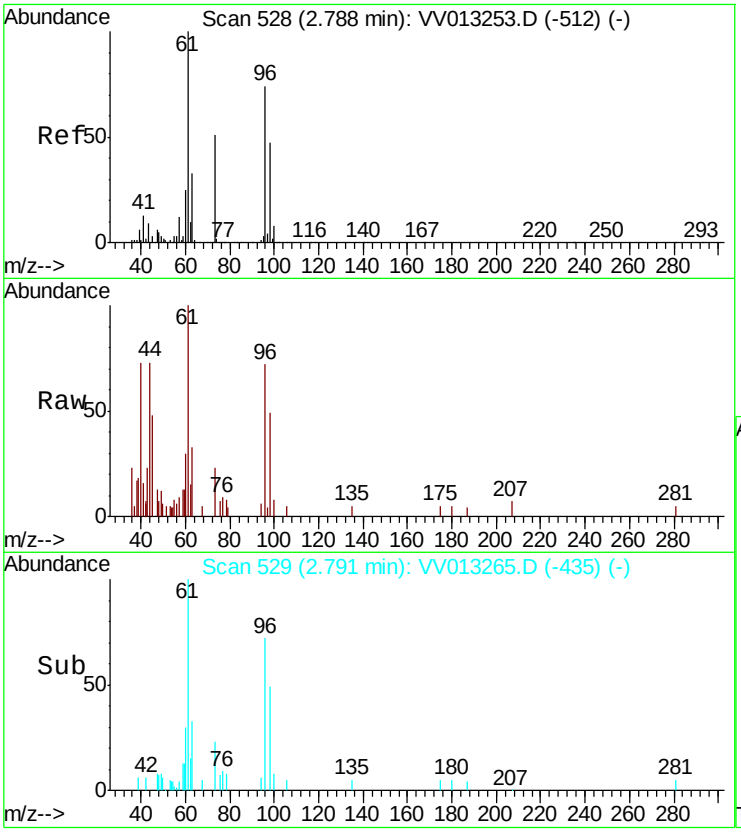


#16
Methylene chloride
Concen: 0.531 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013265.D
Acq: 22 Oct 2019 00:34

Tgt Ion: 84 Resp: 19936

Ion	Ratio	Lower	Upper
84	100		
86	64.9	46.2	85.8
49	123.7	76.4	141.8



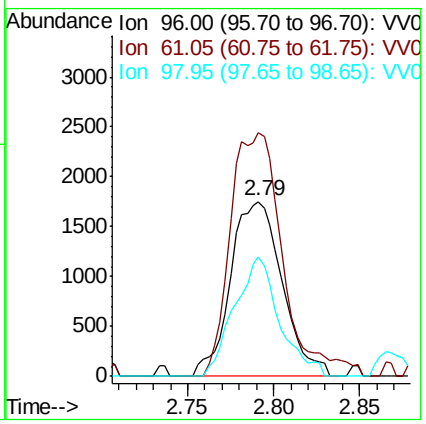


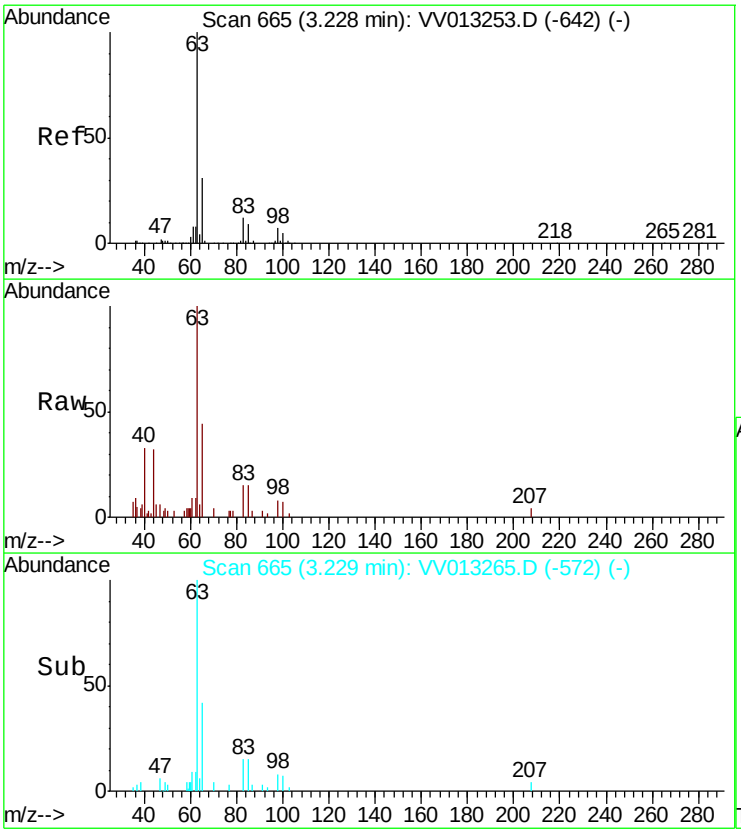
#18
trans-1,2-Dichloroethene
Concen: 0.124 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV013265.D
Acq: 22 Oct 2019 00:34

Instrument : MSVOA_V
ClientSampleId : C0K12

Tgt Ion: 96 Resp: 3661

Ion	Ratio	Lower	Upper
96	100		
61	139.3	84.4	156.8
98	68.3	44.4	82.4

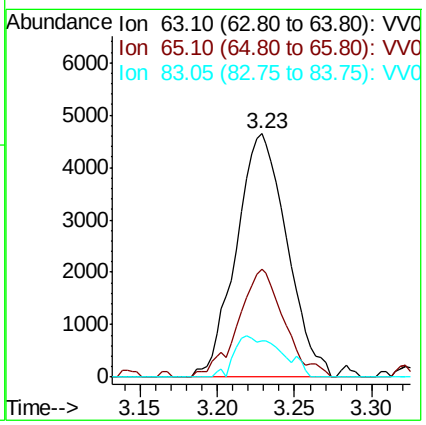


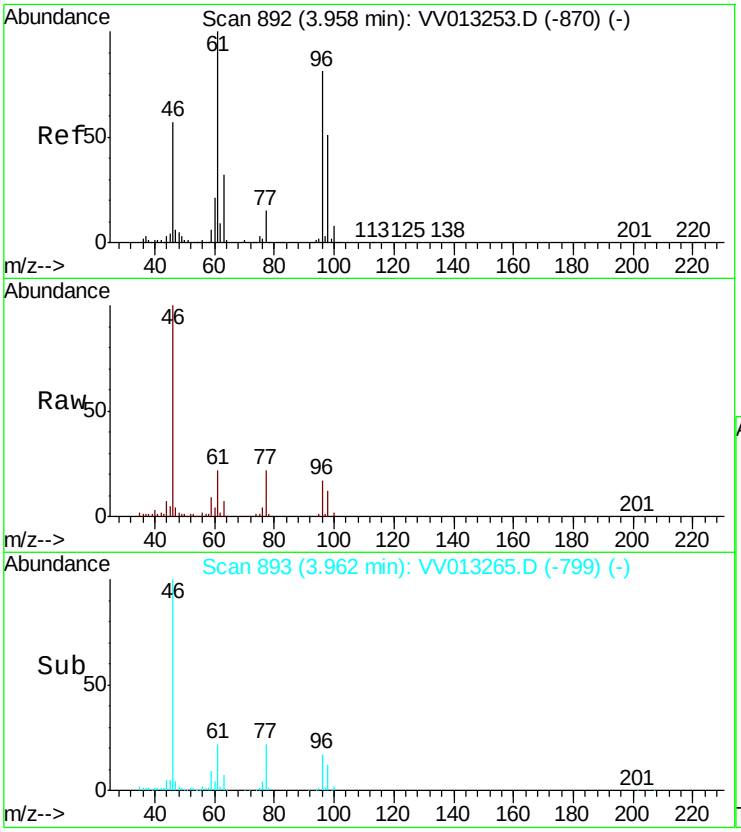


#19
1,1-Dichloroethane
Concen: 0.221 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013265.D
Acq: 22 Oct 2019 00:34

Tgt Ion: 63 Resp: 10600

Ion	Ratio	Lower	Upper
63	100		
65	44.3	23.0	42.8#
83	14.8	10.2	19.0



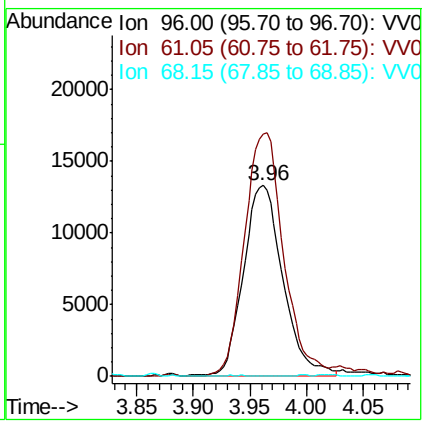


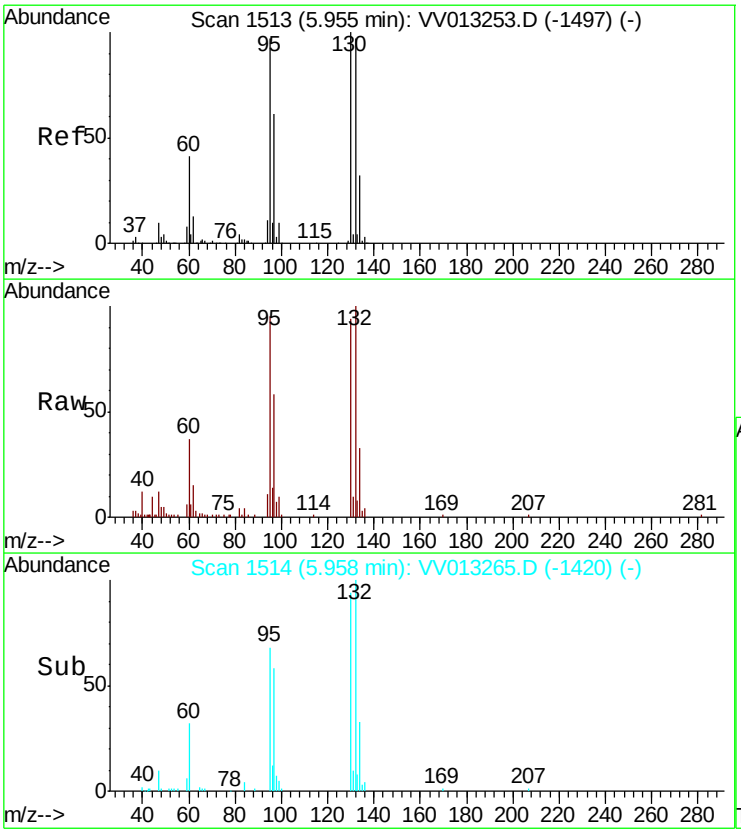
#22
cis-1,2-Dichloroethene
Concen: 1.030 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013265.D
Acq: 22 Oct 2019 00:34

Instrument :
MSVOA_V
ClientSampleId :
C0K12

Tgt Ion: 96 Resp: 32505

Ion	Ratio	Lower	Upper
96	100		
61	126.8	77.3	143.7
68	0.0	0.1	0.1#

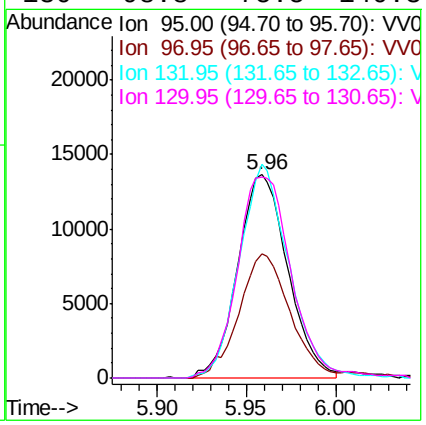


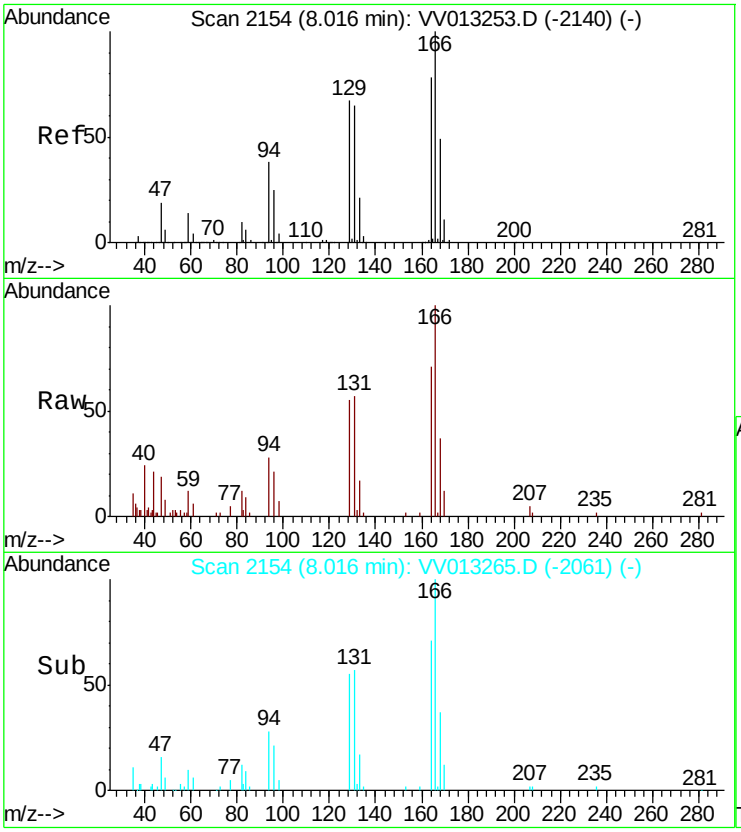


#34
Trichloroethene
Concen: 0.775 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013265.D
Acq: 22 Oct 2019 00:34

Tgt Ion: 95 Resp: 26723

Ion	Ratio	Lower	Upper
95	100		
97	61.2	45.2	84.0
132	105.2	70.6	131.2
130	98.8	75.5	140.3





#47
Tetrachloroethene
Concen: 0.207 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013265.D
Acq: 22 Oct 2019 00:34

Instrument :
MSVOA_V
ClientSampleId :
C0K12

Tgt Ion:164 Resp: 6475

Ion	Ratio	Lower	Upper
164	100		
129	78.5	61.0	113.2
131	80.1	57.5	106.9
166	141.5	87.8	163.0