Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Data File : VV013231.D
Acq On : 19 Oct 2019 04:04
Operator : SY/MD
Sample : K5457-15
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K20

Quant Time: Nov 01 04:26:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 02:14:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	397449	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	441653	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	214620	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	212744	5.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.20%			
7) Chloroethane-d5	1.58	69	174528	5.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.20%			
11) 1,1-Dichloroethene-d2	2.13	63	245879	3.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.80%			
20) 2-Butanone-d5	3.96	46	551466	65.67	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 131.34%#			
24) Chloroform-d	4.40	84	410354	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	5.08	65	207306	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.80%			
32) Benzene-d6	5.10	84	827530	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.12	67	260048	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.36	98	673617	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	7.66	79	82192	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
46) 2-Hexanone-d5	8.14	63	398048	55.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.48%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	192666	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	254535	5.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3881	0.078	ug/L	90
3) Chloromethane	1.25	50	12457	0.261	ug/L	92
9) Trichlorofluoromethane	1.77	101	13324	0.225	ug/L	95
19) 1,1-Dichloroethane	3.23	63	10974	0.145	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	16027	0.373	ug/L #	90
25) Chloroform	4.43	83	9523	0.119	ug/L	91
34) Trichloroethene	5.96	95	15603	0.338	ug/L	93
47) Tetrachloroethene	8.02	164	3865812	95.851	ug/L	99

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

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ClientSampleId :
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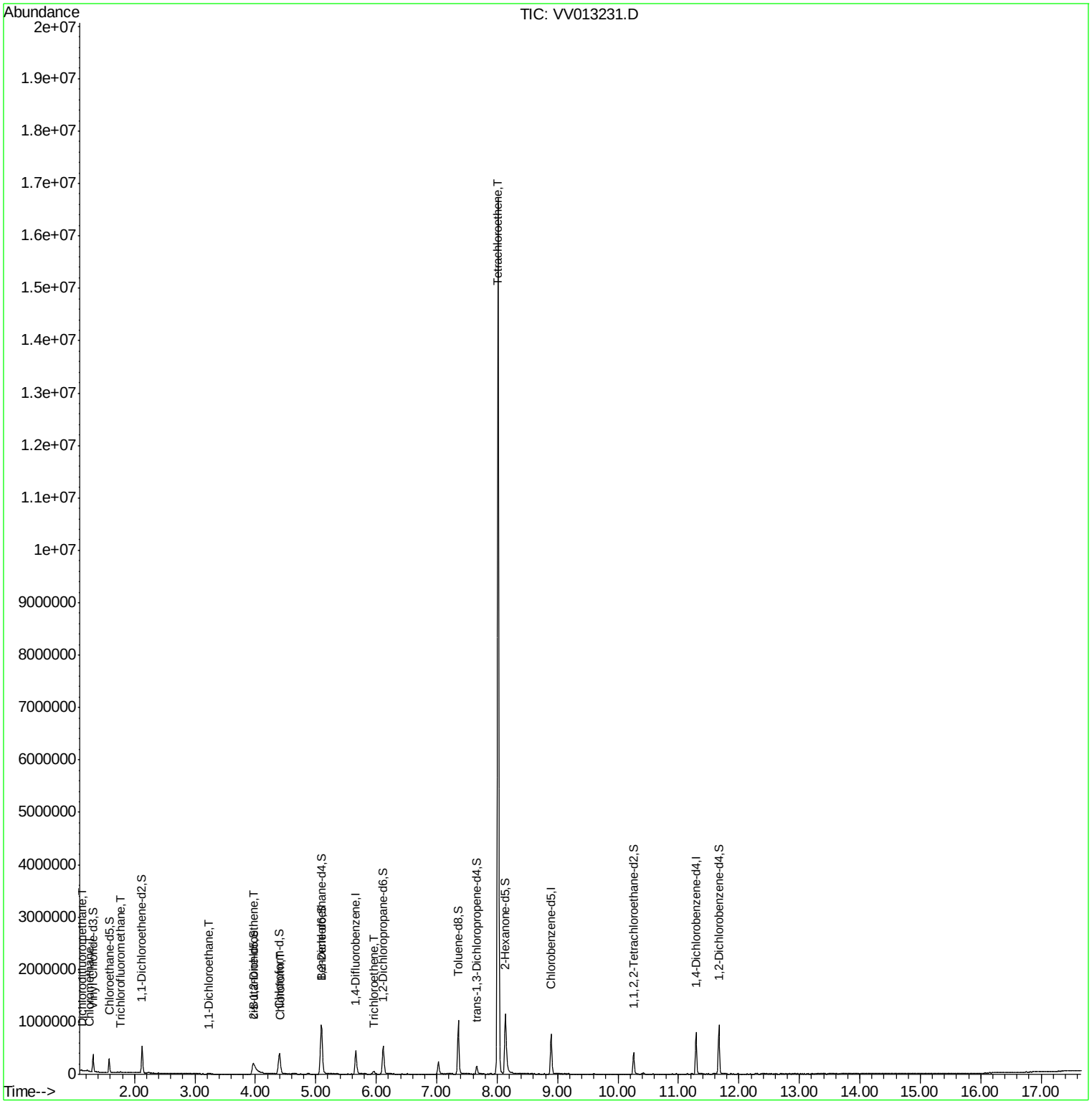
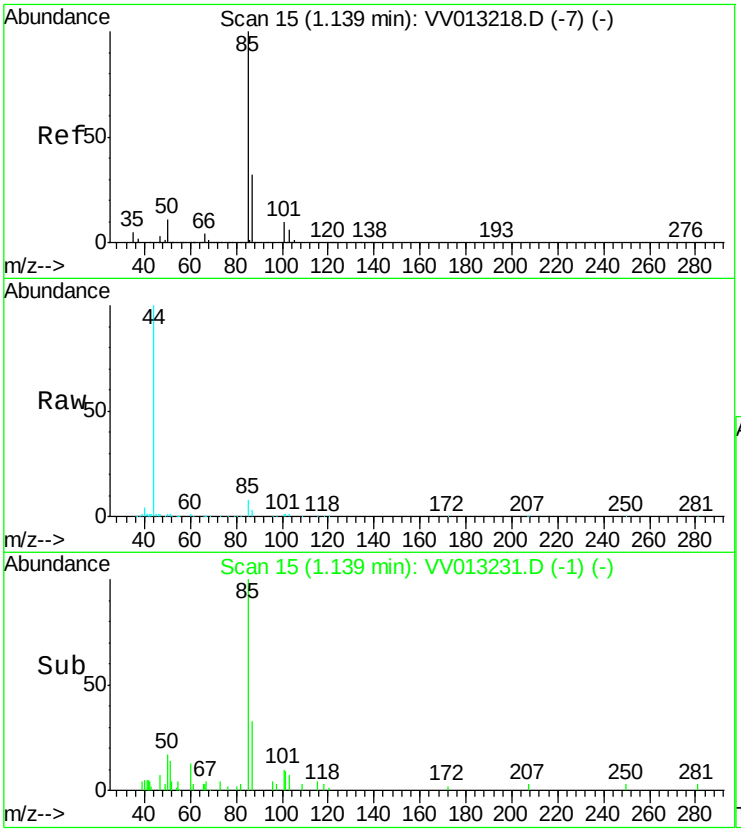
Quant Time: Nov 01 04:26:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 02:14:39 2019
Response via : Initial Calibration



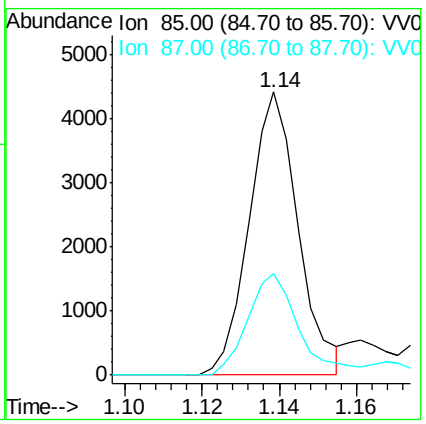


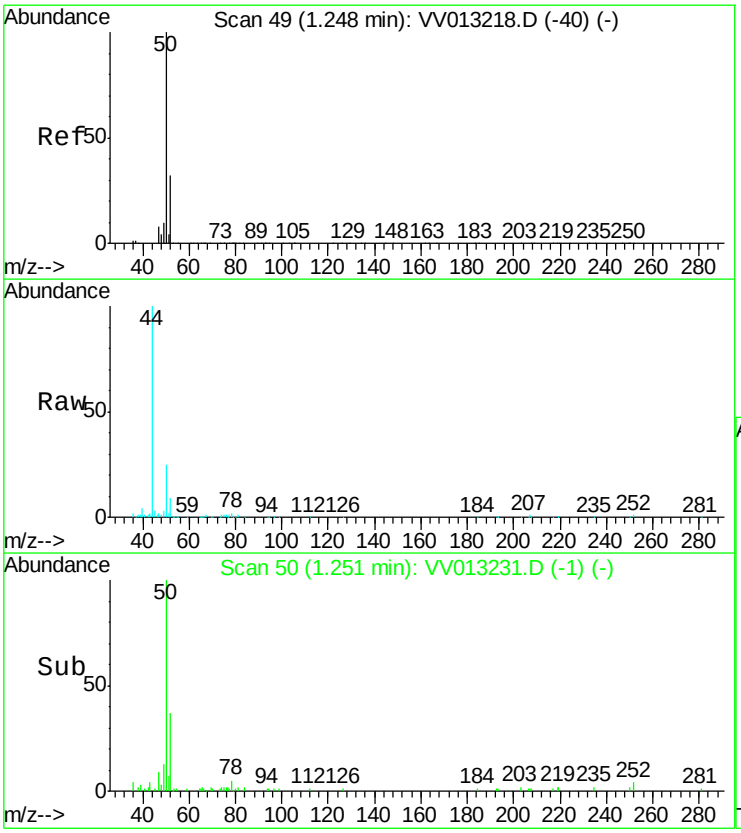
#2
Dichlorodifluoromethane
Concen: 0.078 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV013231.D
Acq: 19 Oct 2019 04:04

Instrument :
MSVOA_V
ClientSampleId :
C0K20

Tgt Ion: 85 Resp: 3881

Ion	Ratio	Lower	Upper
85	100		
87	37.4	25.6	38.4

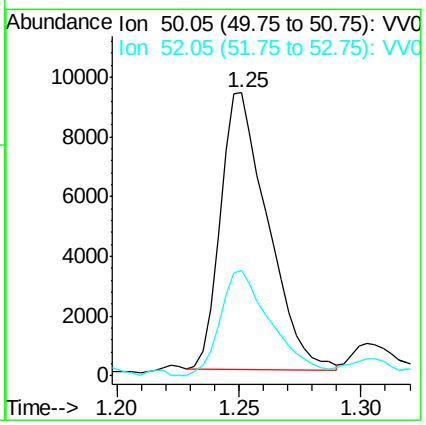


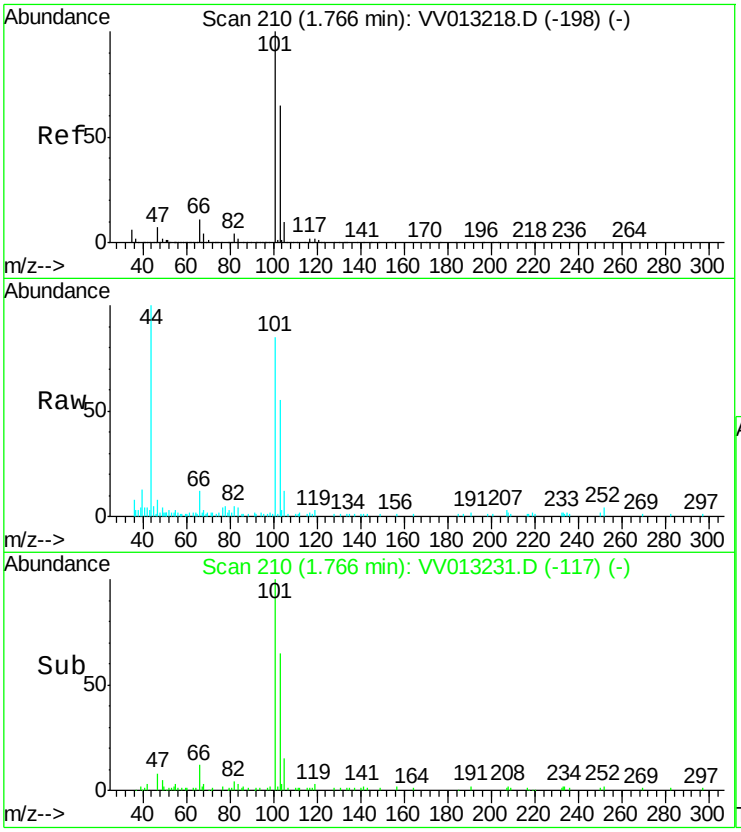


#3
Chloromethane
Concen: 0.261 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013231.D
Acq: 19 Oct 2019 04:04

Tgt Ion: 50 Resp: 12457

Ion	Ratio	Lower	Upper
50	100		
52	37.4	23.0	42.8



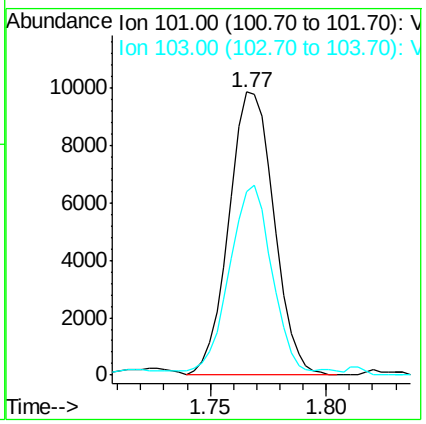


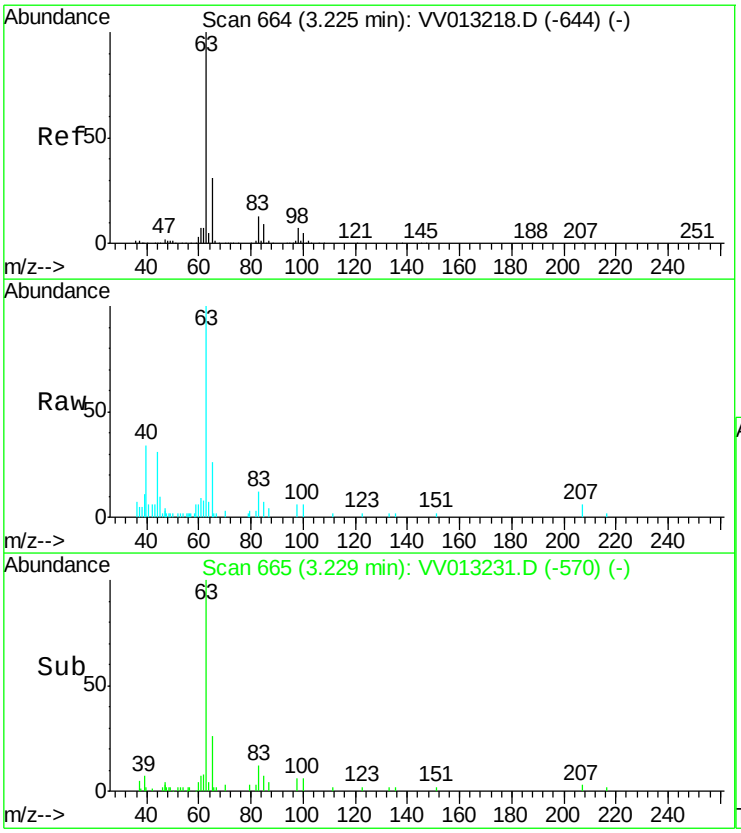
#9
Trichlorofluoromethane
Concen: 0.225 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV013231.D
Acq: 19 Oct 2019 04:04

Instrument : MSVOA_V
ClientSampleId : C0K20

Tgt Ion:101 Resp: 13324

Ion	Ratio	Lower	Upper
101	100		
103	60.7	51.5	77.3

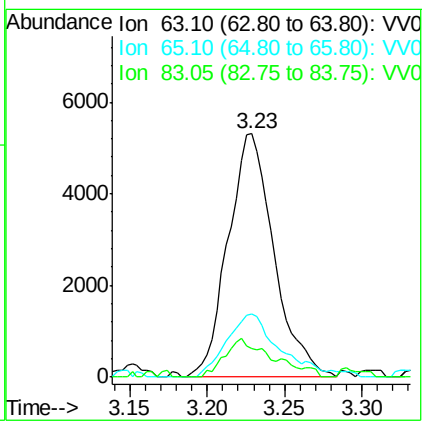


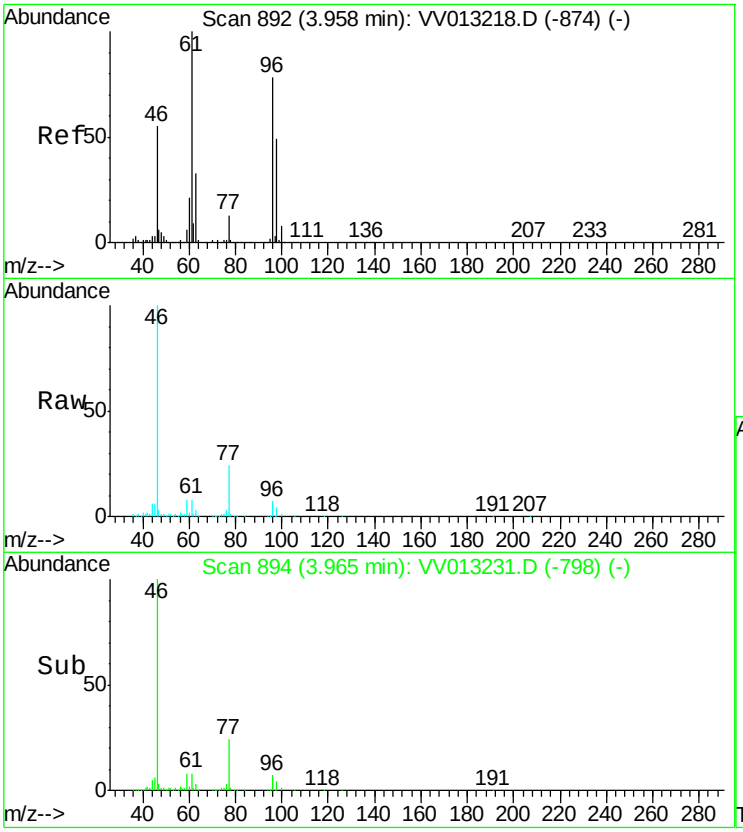


#19
1,1-Dichloroethane
Concen: 0.145 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.01 min
Lab File: VV013231.D
Acq: 19 Oct 2019 04:04

Tgt Ion: 63 Resp: 10974

Ion	Ratio	Lower	Upper
63	100		
65	26.1	22.5	41.7
83	11.7	9.5	17.7



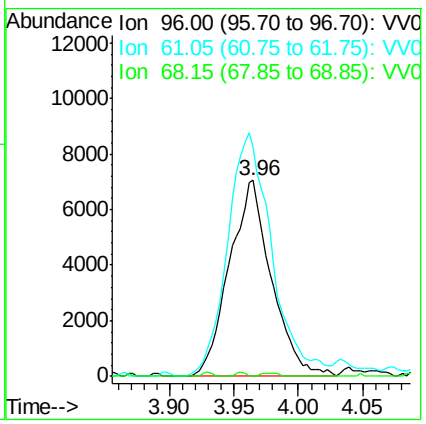


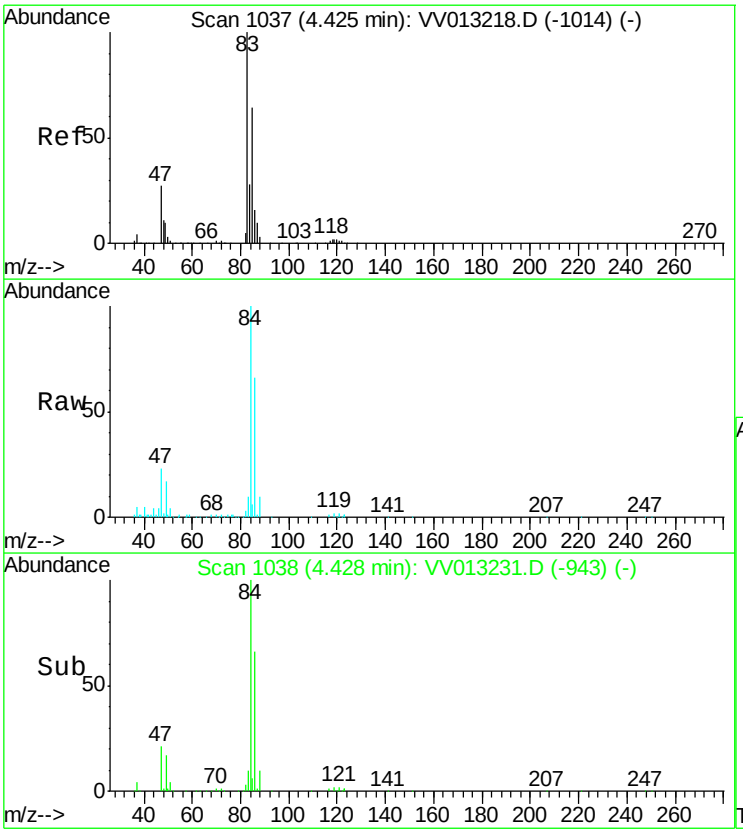
#22
cis-1,2-Dichloroethene
Concen: 0.373 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV013231.D
Acq: 19 Oct 2019 04:04

Instrument : MSVOA_V
ClientSampleId : C0K20

Tgt Ion: 96 Resp: 16027

Ion	Ratio	Lower	Upper
96	100		
61	117.4	90.6	168.2
68	0.0	0.1	0.1#

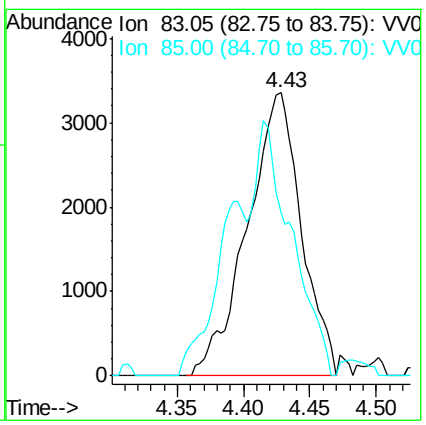


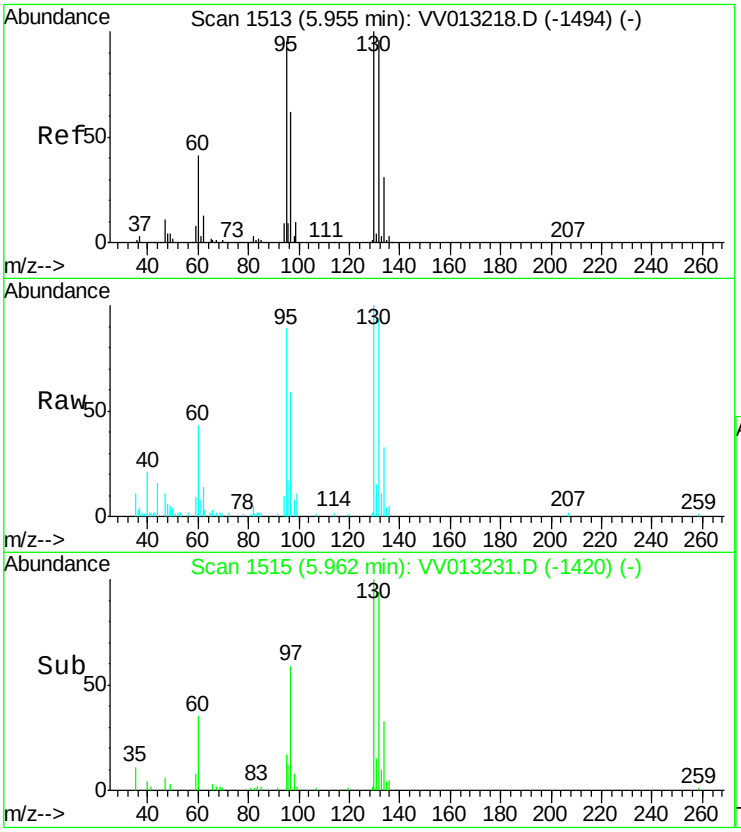


#25
Chloroform
Concen: 0.119 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013231.D
Acq: 19 Oct 2019 04:04

Tgt Ion: 83 Resp: 9523

Ion	Ratio	Lower	Upper
83	100		
85	57.6	45.5	84.5



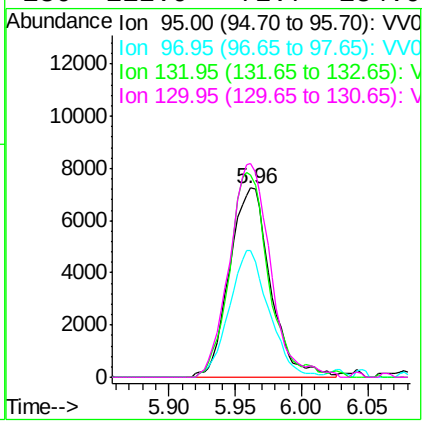


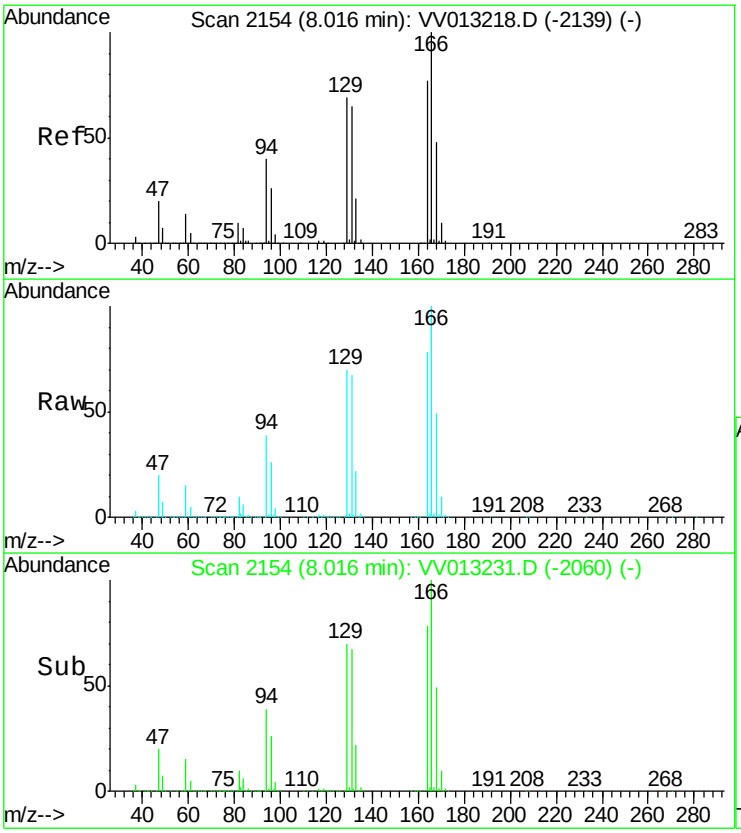
#34
Trichloroethene
Concen: 0.338 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV013231.D
Acq: 19 Oct 2019 04:04

Instrument : MSVOA_V
ClientSampleId : C0K20

Tgt Ion: 95 Resp: 15603

Ion	Ratio	Lower	Upper
95	100		
97	66.8	44.7	82.9
132	106.7	68.9	127.9
130	112.9	72.7	134.9





#47
Tetrachloroethene
Concen: 95.851 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013231.D
Acq: 19 Oct 2019 04:04

Tgt Ion:164 Resp: 3865812

Ion	Ratio	Lower	Upper
164	100		
129	88.7	62.2	115.4
131	85.6	59.9	111.3
166	127.5	91.1	169.1