Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Data File : VV013228.D
Acq On : 19 Oct 2019 02:51
Operator : SY/MD
Sample : K5457-12
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K17

Manual Integrations APPROVED
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Quant Time: Nov 01 04:30:45 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	413869	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	445639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	228716	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	208971	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.58	69	166845	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.13	63	265812	4.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.80%			
20) 2-Butanone-d5	3.96	46	535686	61.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.52%			
24) Chloroform-d	4.40	84	407290	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.08	65	207000	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
32) Benzene-d6	5.09	84	827579	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.12	67	257465	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.36	98	681586	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.66	79	83873	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.14	63	371785	51.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.28%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	188323	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	266042	5.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.80%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	5844m	0.118	ug/L	
12) 1,1-Dichloroethene	2.14	96	53927	1.622	ug/L #	26
17) Methyl tert-butyl Ether	2.81	73	10728	0.120	ug/L	98
19) 1,1-Dichloroethane	3.23	63	13578	0.172	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	323711	7.225	ug/L #	96
29) 1,1,1-Trichloroethane	4.65	97	20341	0.296	ug/L	97
34) Trichloroethene	5.96	95	126215	2.712	ug/L	94
47) Tetrachloroethene	8.02	164	10334	0.254	ug/L	94

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

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Instrument :
MSVOA_V
ClientSampleId :
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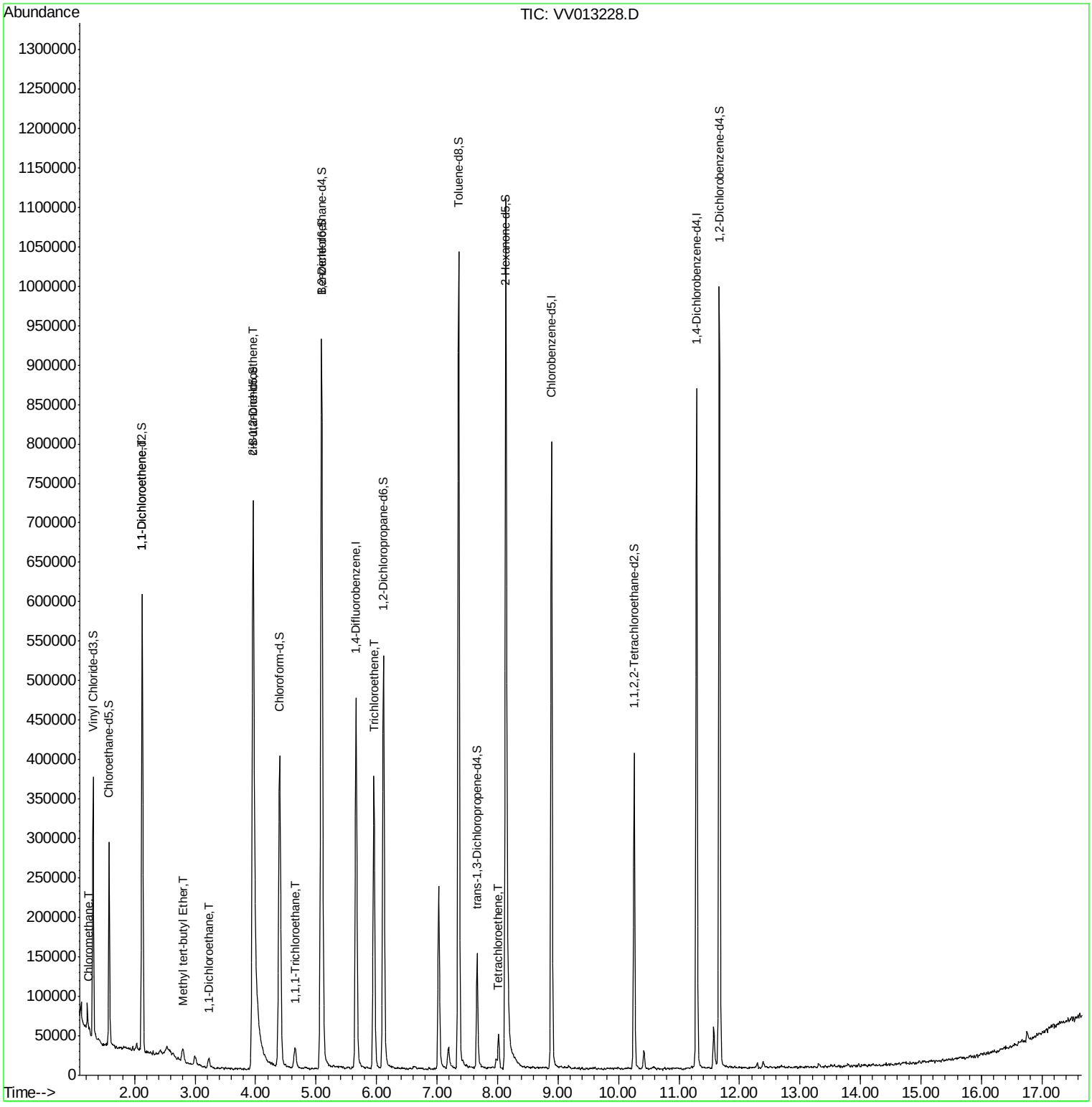

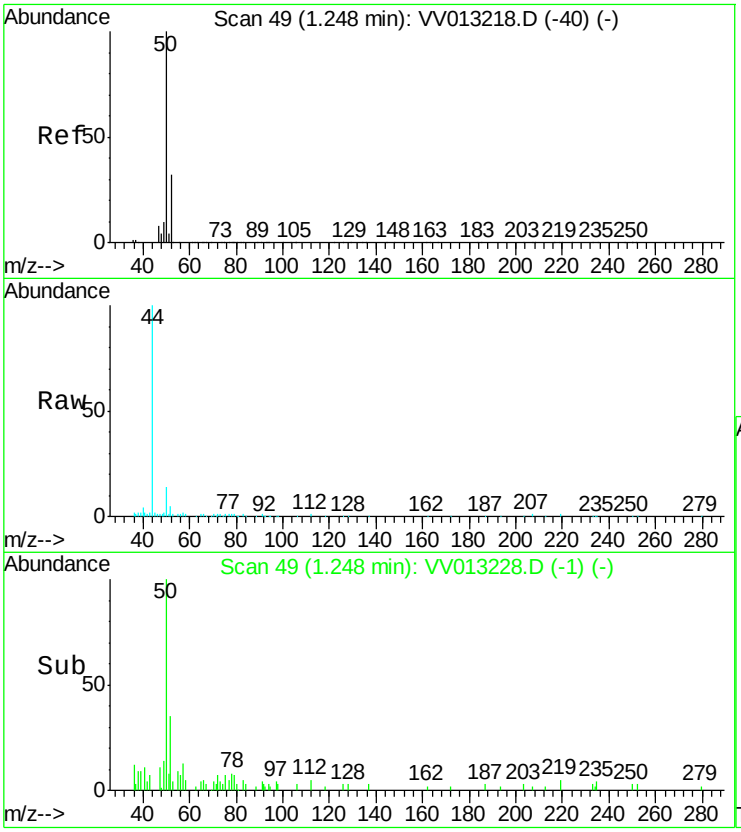

#3
Chloromethane
Concen: 0.118 ug/L m
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 50 Resp: 5844

Ion	Ratio	Lower	Upper
50	100		
52	35.9	23.0	42.8

Instrument :
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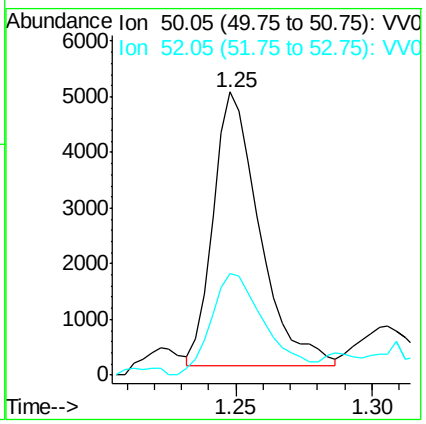
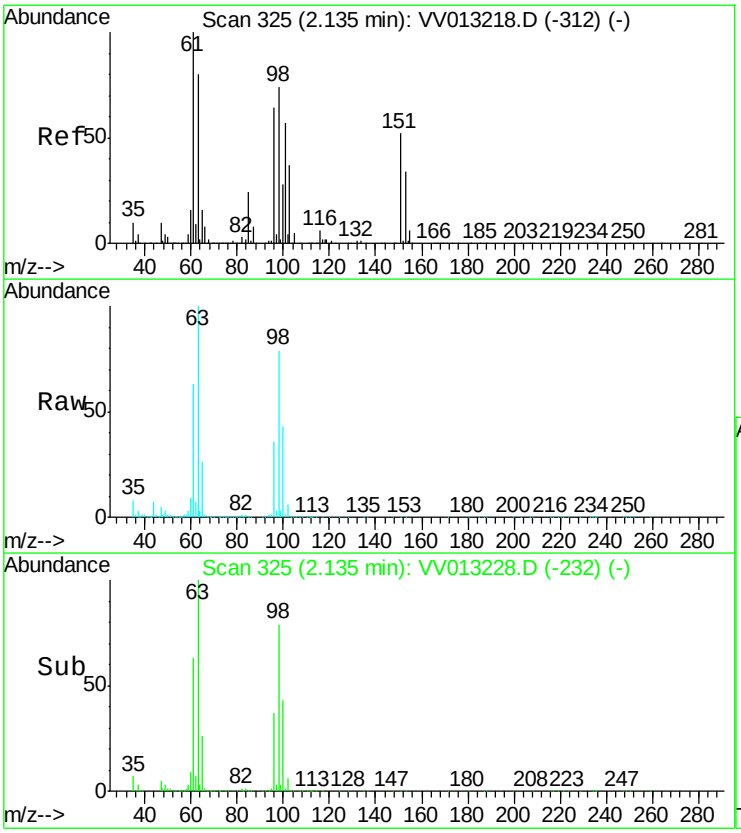
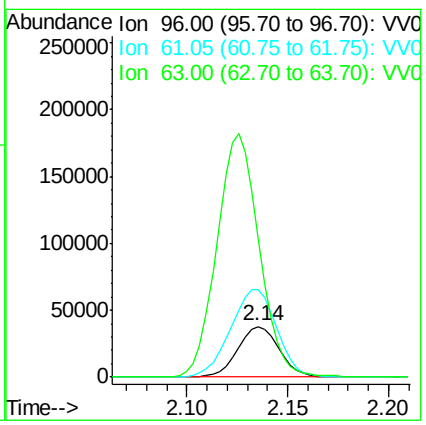


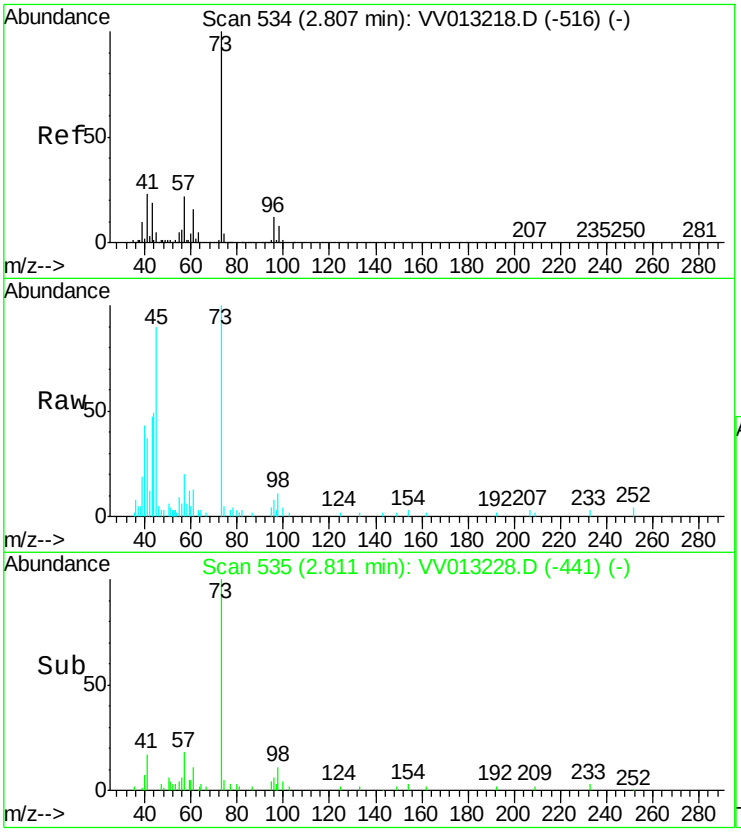


#12
1,1-Dichloroethene
Concen: 1.622 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 96 Resp: 53927

Ion	Ratio	Lower	Upper
96	100		
61	172.5	109.8	204.0
63	274.1	72.6	134.8#

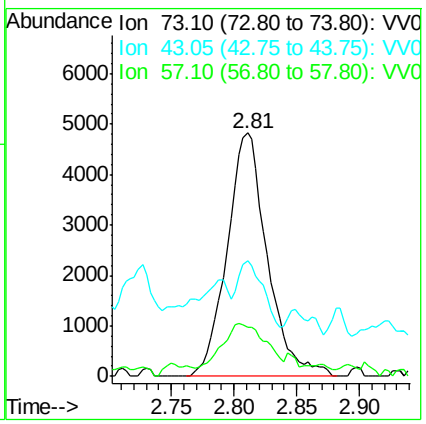




#17
Methyl tert-butyl Ether
Concen: 0.120 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 73 Resp: 10728

Ion	Ratio	Lower	Upper
73	100		
43	17.0	14.6	22.0
57	22.7	17.8	26.8



Instrument :
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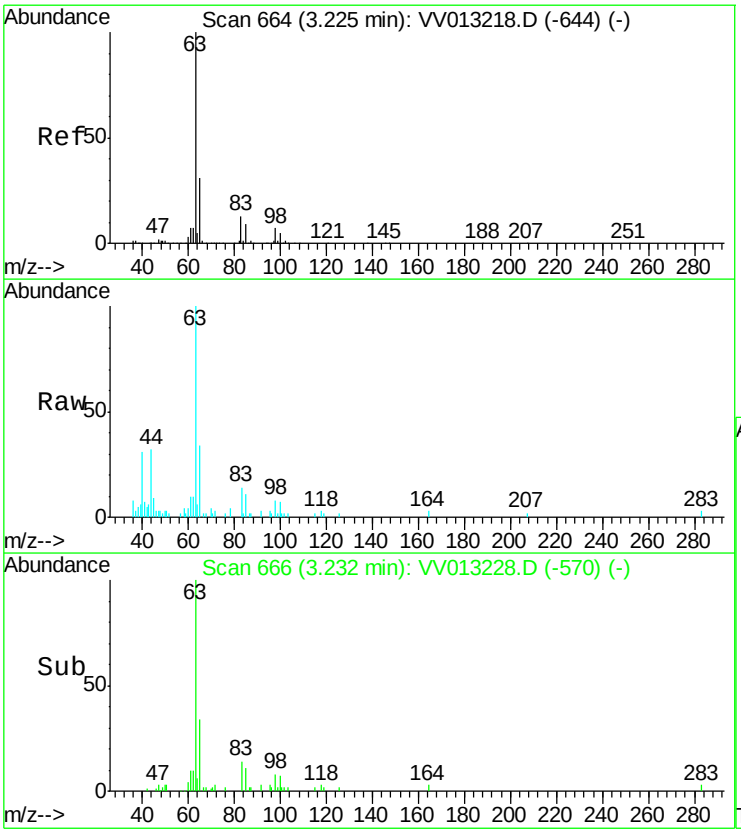
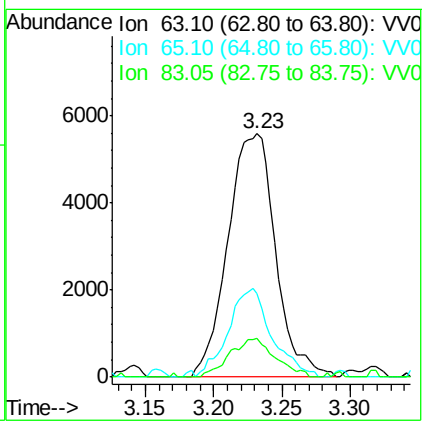
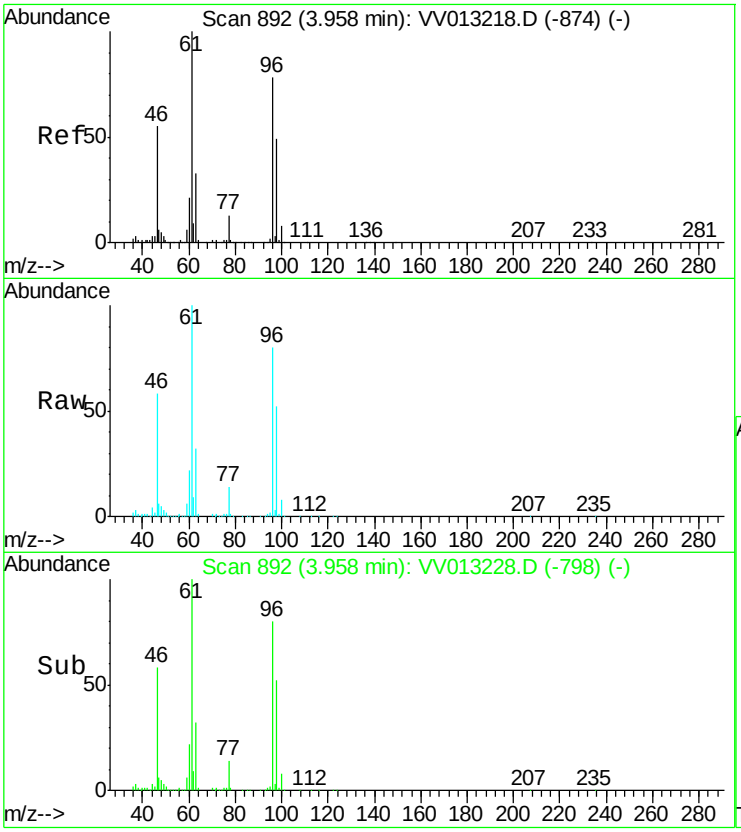


#19
1,1-Dichloroethane
Concen: 0.172 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 63 Resp: 13578

Ion	Ratio	Lower	Upper
63	100		
65	34.1	22.5	41.7
83	15.9	9.5	17.7

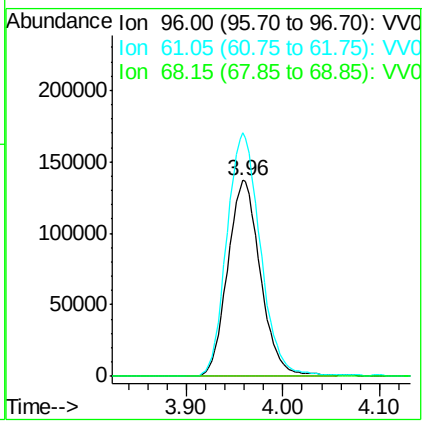




#22
cis-1,2-Dichloroethene
Concen: 7.225 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 96 Resp: 323711

Ion	Ratio	Lower	Upper
96	100		
61	124.4	90.6	168.2
68	0.0	0.1	0.1#



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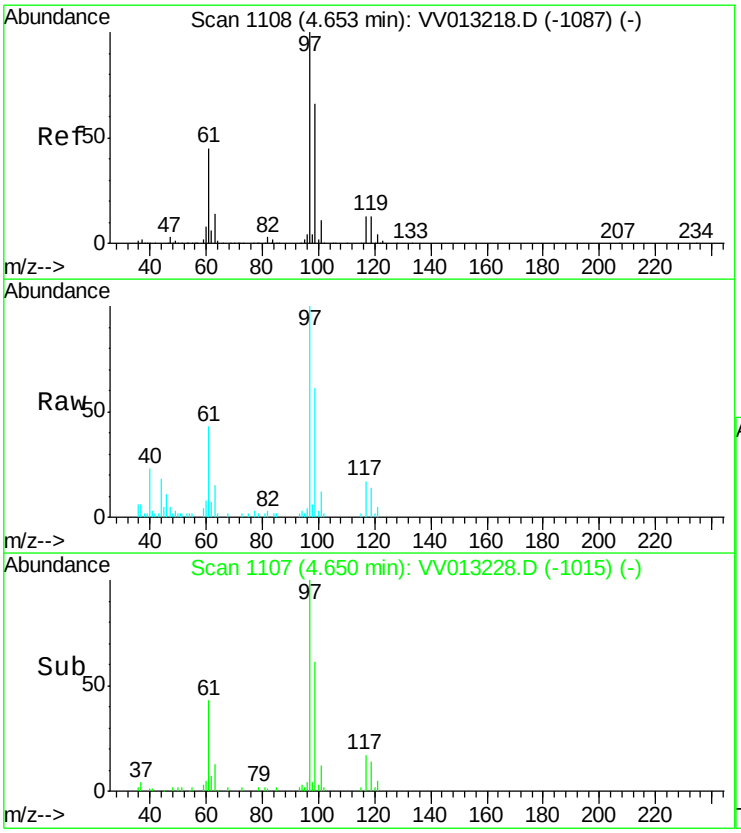
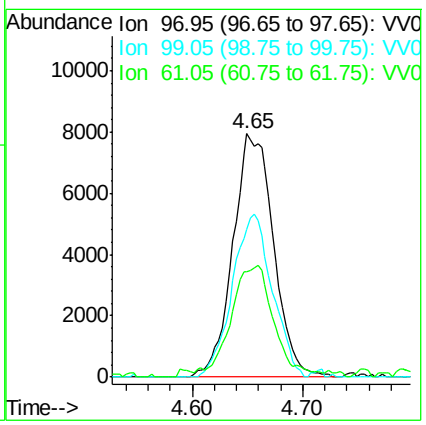
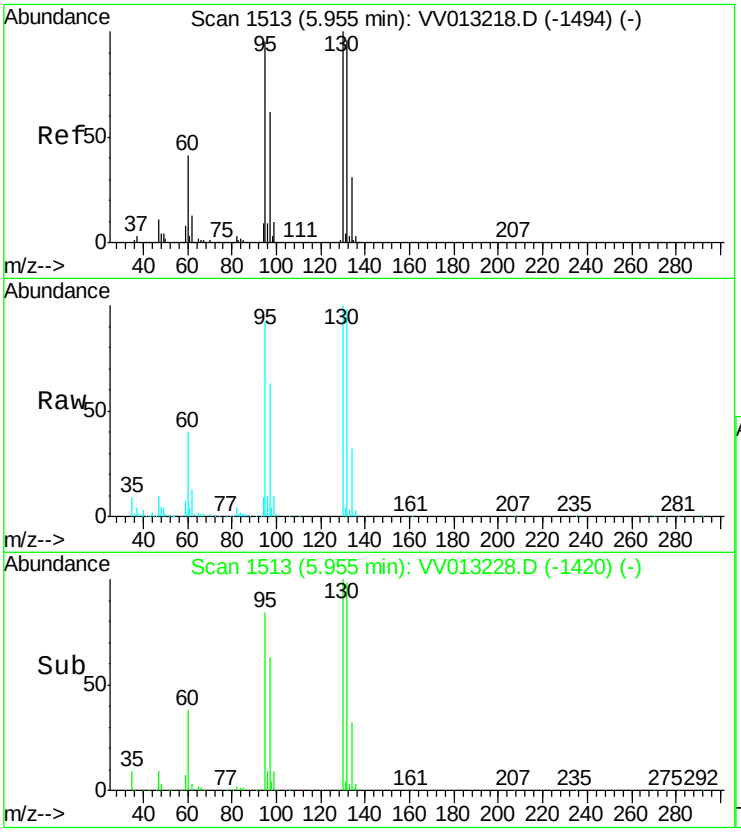


#29
1,1,1-Trichloroethane
Concen: 0.296 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 97 Resp: 20341

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.2	76.8
61	48.4	37.0	55.4

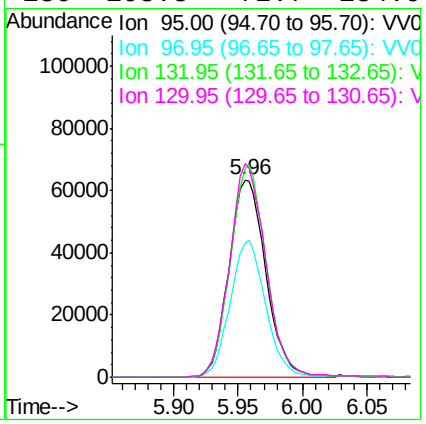




#34
Trichloroethene
Concen: 2.712 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 95 Resp: 126215

Ion	Ratio	Lower	Upper
95	100		
97	68.3	44.7	82.9
132	105.7	68.9	127.9
130	108.3	72.7	134.9



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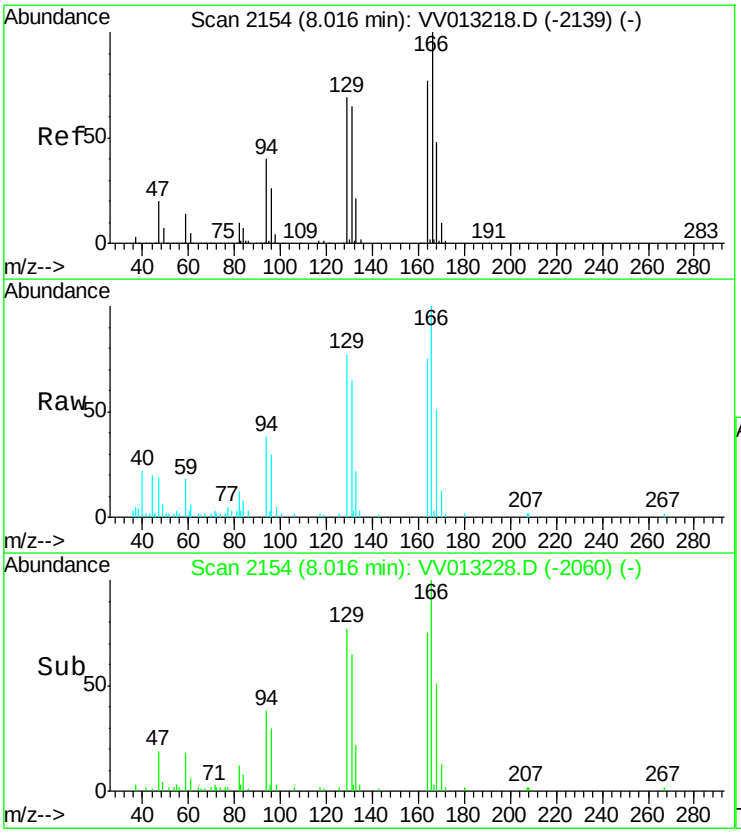

#47
Tetrachloroethene
Concen: 0.254 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion:164 Resp: 10334

Ion	Ratio	Lower	Upper
164	100		
129	102.7	62.2	115.4
131	87.0	59.9	111.3
166	134.0	91.1	169.1