Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112219\
Data File : VV013739.D
Acq On : 22 Nov 2019 17:24
Operator : SY/MD
Sample : K5941-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AC3

Manual Integrations APPROVED
MMDadoda
11/26/2019 12:53:36 PM

Quant Time: Nov 23 02:55:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	328974	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	312310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147252	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	110167	5.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.20%			
7) Chloroethane-d5	1.58	69	99446	5.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.00%			
11) 1,1-Dichloroethene-d2	2.13	63	150590	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.80%			
20) 2-Butanone-d5	3.94	46	283706	67.03	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 134.06%#			
24) Chloroform-d	4.40	84	229489	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.80%			
26) 1,2-Dichloroethane-d4	5.08	65	117810	6.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.60%			
32) Benzene-d6	5.09	84	454375	5.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.80%			
36) 1,2-Dichloropropane-d6	6.11	67	138725	5.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.60%			
41) Toluene-d8	7.36	98	408816	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.20%			
43) trans-1,3-Dichloropropene-	7.66	79	51287	5.49	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 109.80%			
46) 2-Hexanone-d5	8.14	63	207420	60.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101039	6.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 121.40%#			
64) 1,2-Dichlorobenzene-d4	11.67	152	161619	6.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 124.40%#			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	33190	1.725	ug/L	99
13) Acetone	2.20	43	16156m	5.458	ug/L	
25) Chloroform	4.42	83	94901	2.511	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	17144	0.537	ug/L	99
34) Trichloroethene	5.96	95	9335	0.442	ug/L	94
47) Tetrachloroethene	8.02	164	9731	0.530	ug/L	94

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

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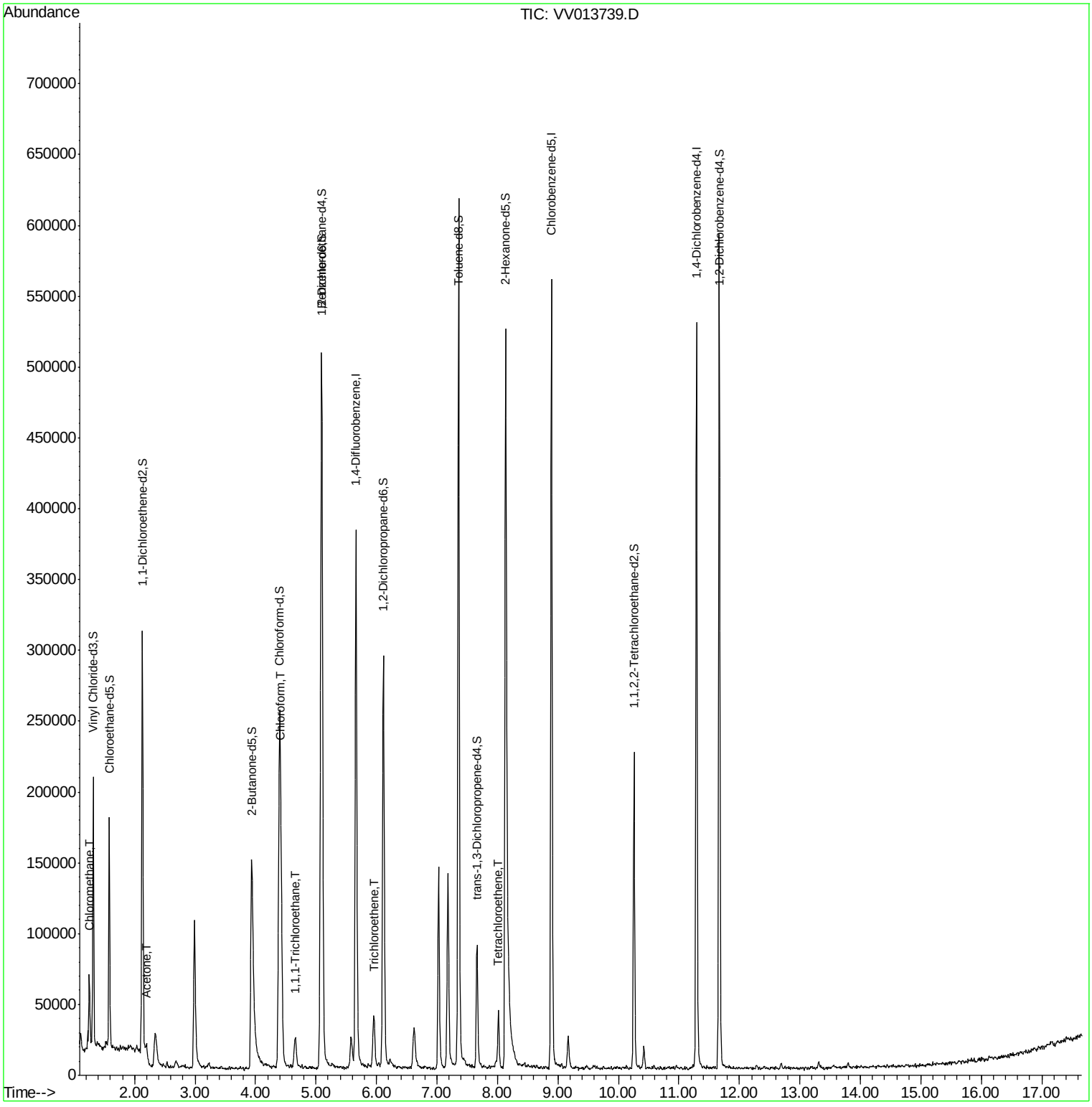
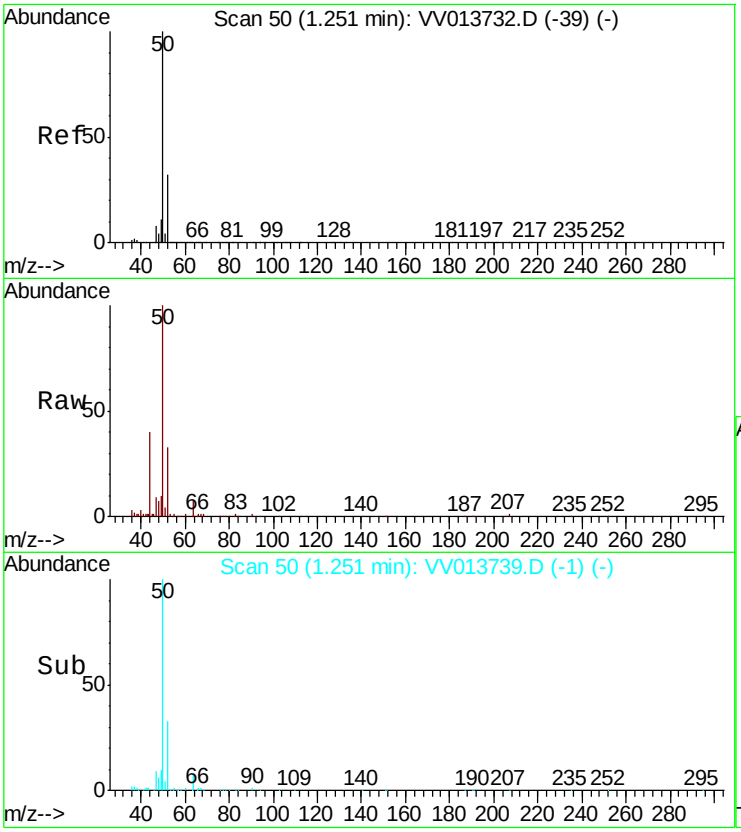
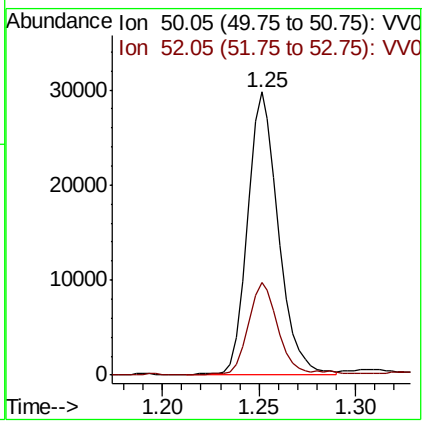




#3
Chloromethane
Concen: 1.725 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013739.D
Acq: 22 Nov 2019 17:24

Tgt Ion: 50 Resp: 33190

Ion	Ratio	Lower	Upper
50	100		
52	32.6	22.5	41.7



Instrument :
MSVOA_V
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Manual Integrations APPROVED
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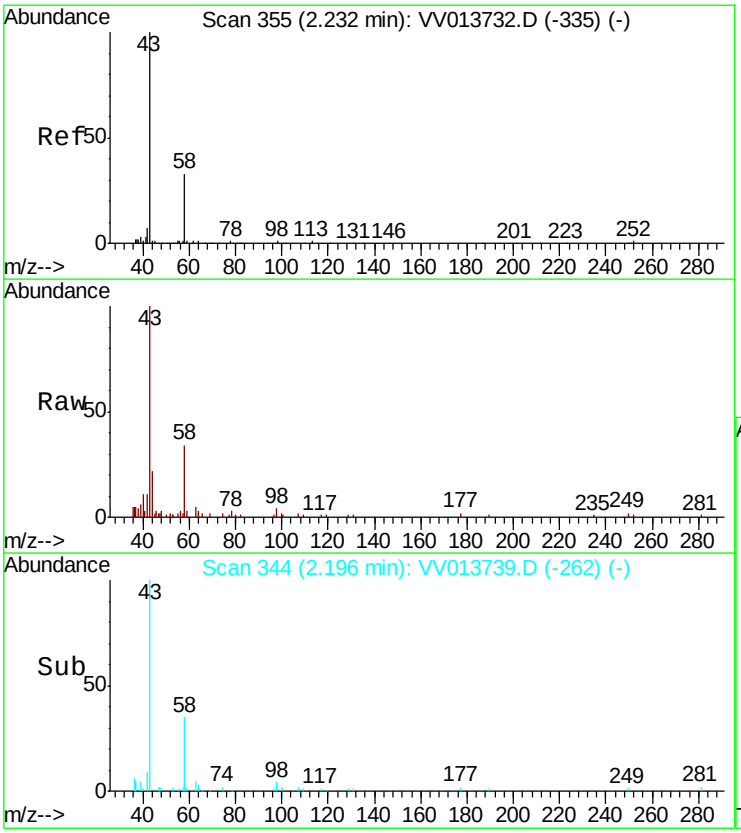
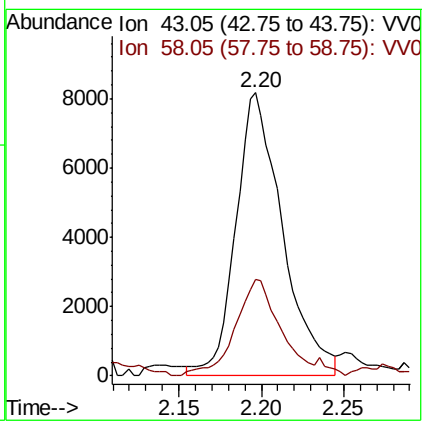
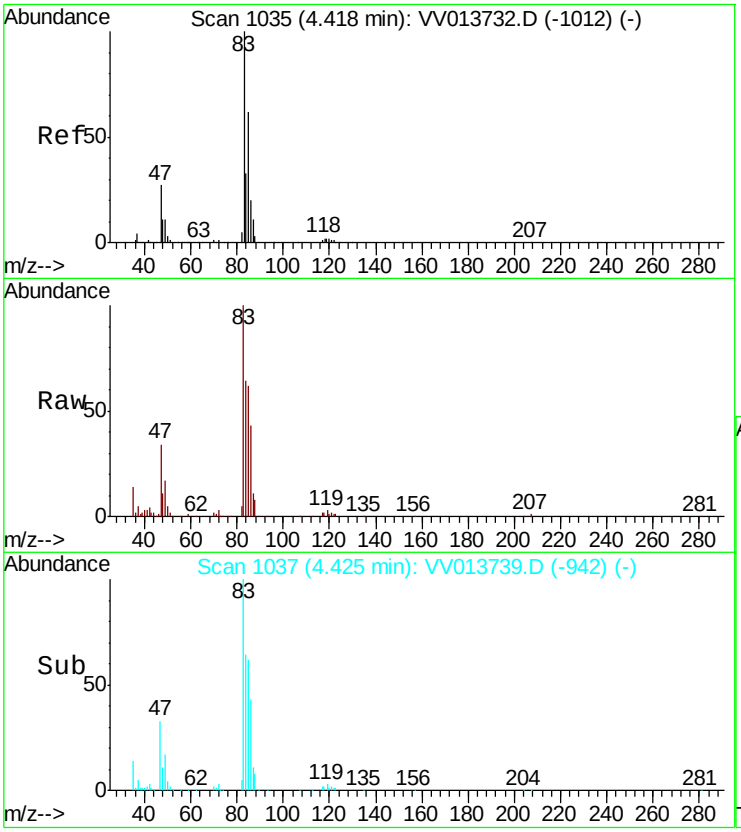


#13
Acetone
Concen: 5.458 ug/L m
RT: 2.20 min Scan# 344
Delta R.T. -0.04 min
Lab File: VV013739.D
Acq: 22 Nov 2019 17:24

Tgt Ion: 43 Resp: 16156

Ion	Ratio	Lower	Upper
43	100		
58	2.2	0.0	27.2

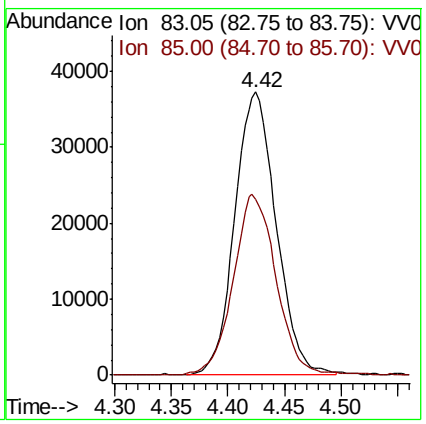




#25
Chloroform
Concen: 2.511 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013739.D
Acq: 22 Nov 2019 17:24

Tgt Ion: 83 Resp: 94901

Ion	Ratio	Lower	Upper
83	100		
85	62.1	45.1	83.7



Instrument :
MSVOA_V
ClientSampleId :
B0AC3

Manual Integrations APPROVED
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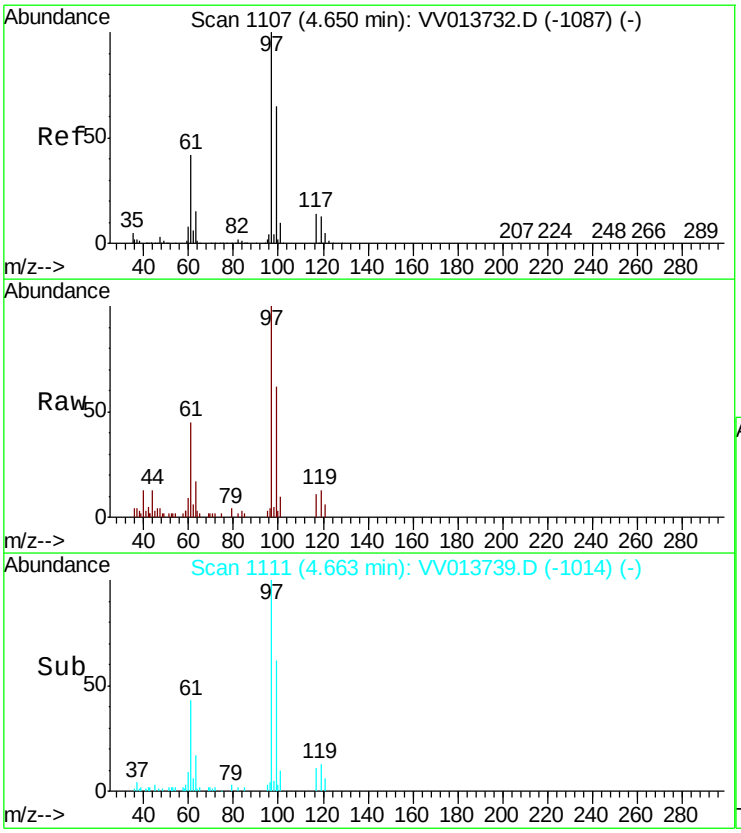
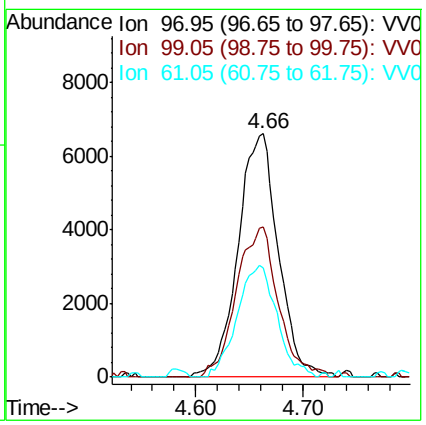
11/26/2019 12:53:36 PM

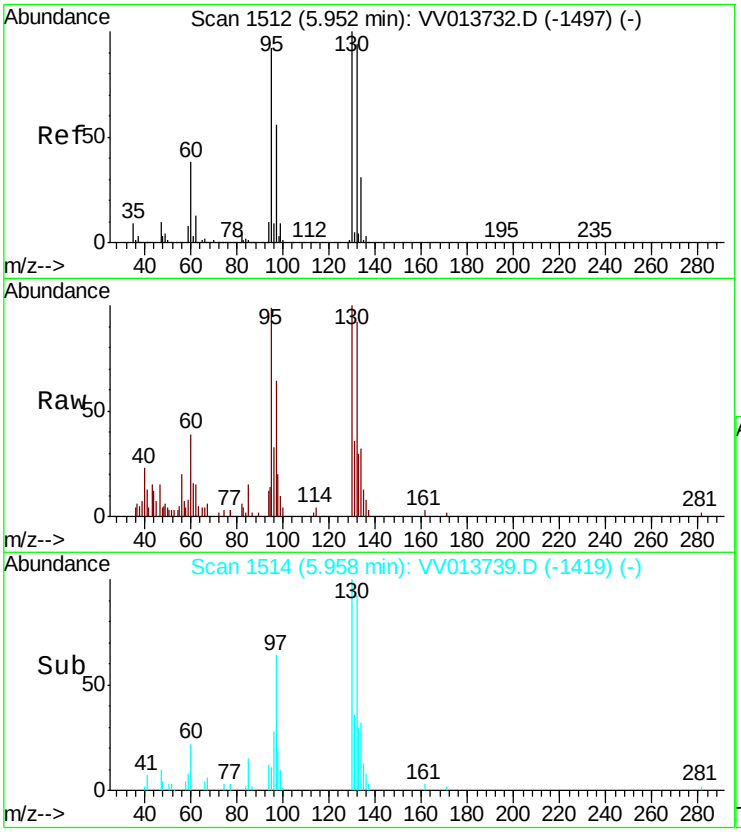


#29
1,1,1-Trichloroethane
Concen: 0.537 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VV013739.D
Acq: 22 Nov 2019 17:24

Tgt Ion: 97 Resp: 17144

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	45.3	35.0	52.6

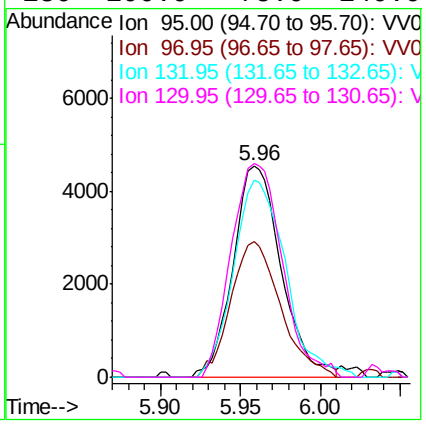




#34
Trichloroethene
Concen: 0.442 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VV013739.D
Acq: 22 Nov 2019 17:24

Tgt Ion: 95 Resp: 9335

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.6	84.8
132	93.0	70.5	130.9
130	100.9	75.9	140.9



Instrument :
MSVOA_V
ClientSampleId :
B0AC3

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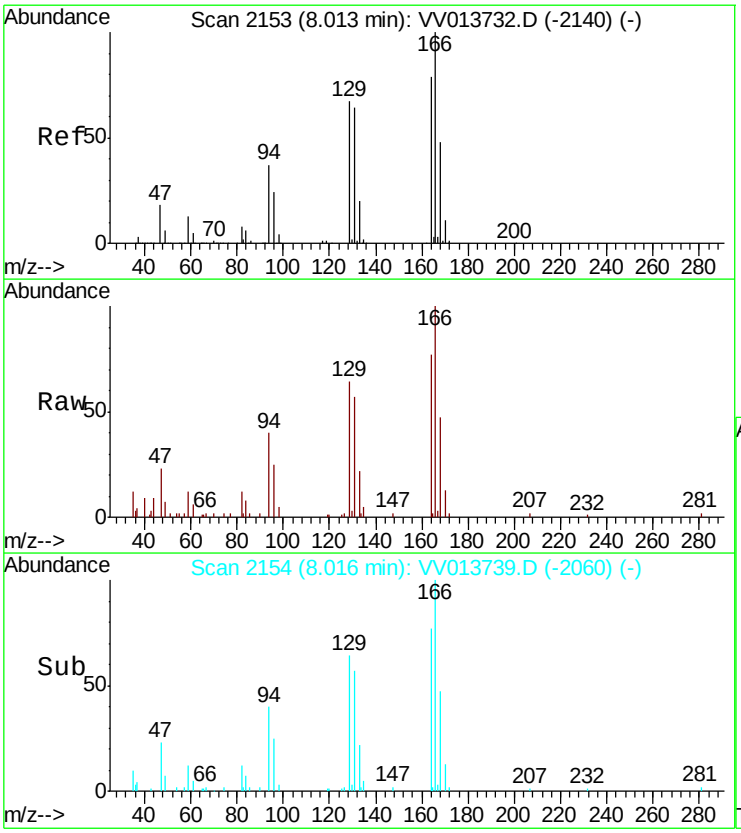

#47
Tetrachloroethene
Concen: 0.530 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013739.D
Acq: 22 Nov 2019 17:24

Tgt Ion:164 Resp: 9731

Ion	Ratio	Lower	Upper
164	100		
129	83.3	60.3	112.1
131	74.6	59.9	111.3
166	130.5	89.1	165.5