Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013823.D
Acq On : 27 Nov 2019 14:50
Operator : SY/MD
Sample : K6056-04DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFE11DL

Quant Time: Dec 02 02:48:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	329133	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	316079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147204	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	72281	3.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.00%			
7) Chloroethane-d5	1.58	69	74728	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%			
11) 1,1-Dichloroethene-d2	2.13	63	145419	4.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.80%			
20) 2-Butanone-d5	3.96	46	247787	58.51	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.02%			
24) Chloroform-d	4.40	84	169010	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
26) 1,2-Dichloroethane-d4	5.08	65	97999	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.09	84	346225	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%			
36) 1,2-Dichloropropane-d6	6.11	67	112757	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.36	98	266718	3.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.80%#			
43) trans-1,3-Dichloropropene-	7.66	79	38521	4.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%			
46) 2-Hexanone-d5	8.14	63	182809	52.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.80%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	85435	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	125960	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	77077	4.871	ug/L	91
17) Methyl tert-butyl Ether	2.81	73	3725	0.086	ug/L #	76
19) 1,1-Dichloroethane	3.23	63	39220	1.099	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	113169	5.401	ug/L #	99
25) Chloroform	4.42	83	26803	0.709	ug/L	86
29) 1,1,1-Trichloroethane	4.66	97	16340	0.505	ug/L	97
34) Trichloroethene	5.96	95	295900	13.835	ug/L	99
47) Tetrachloroethene	8.02	164	89706	4.830	ug/L	97

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

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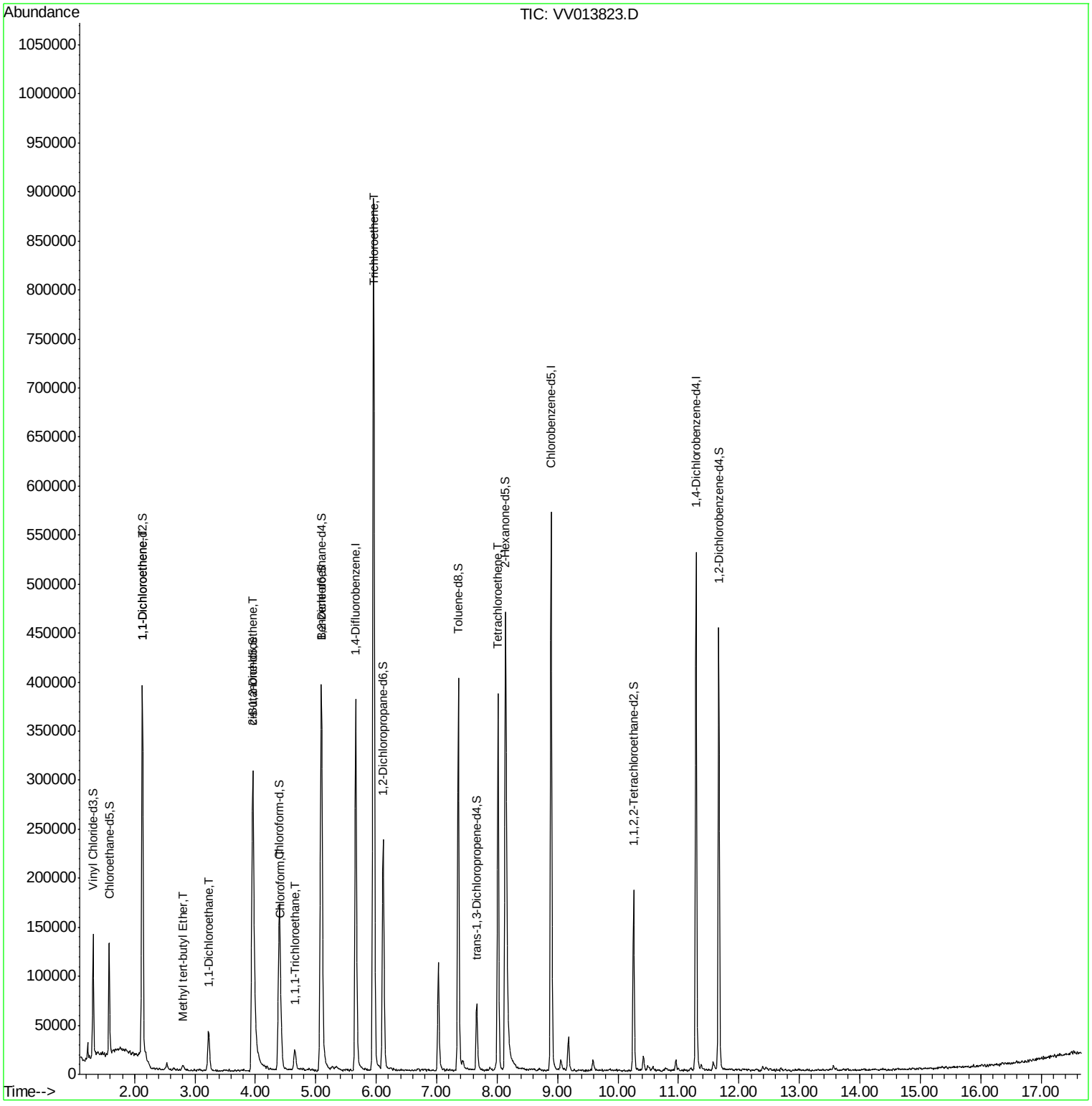
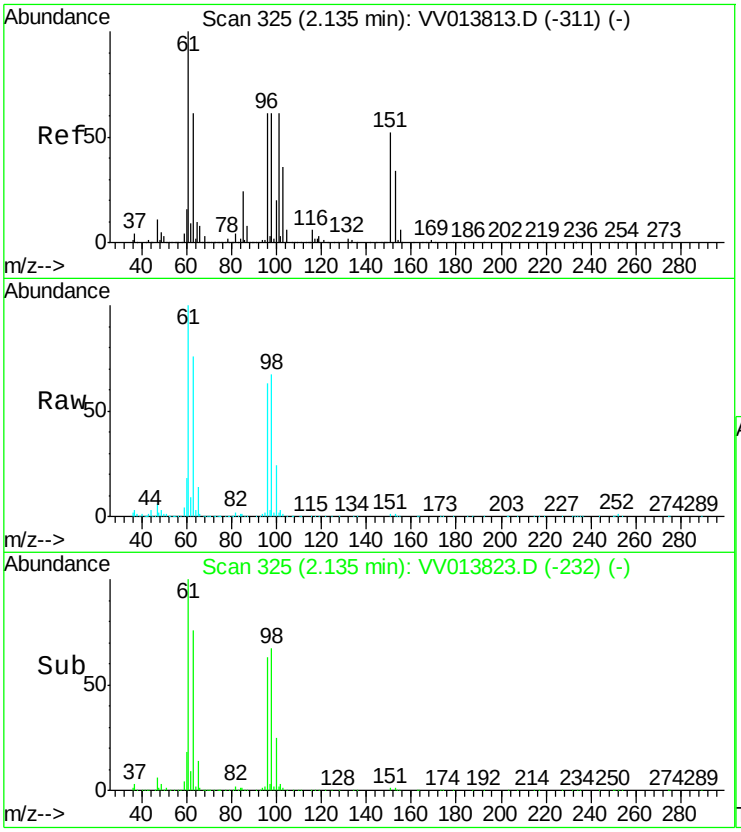


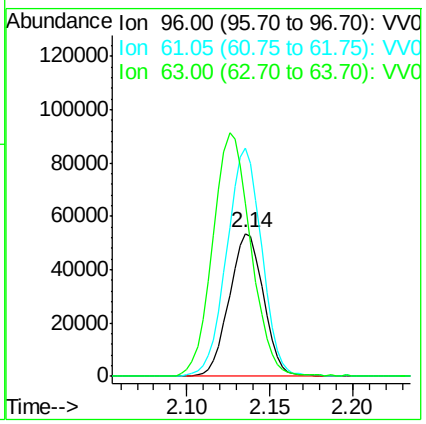


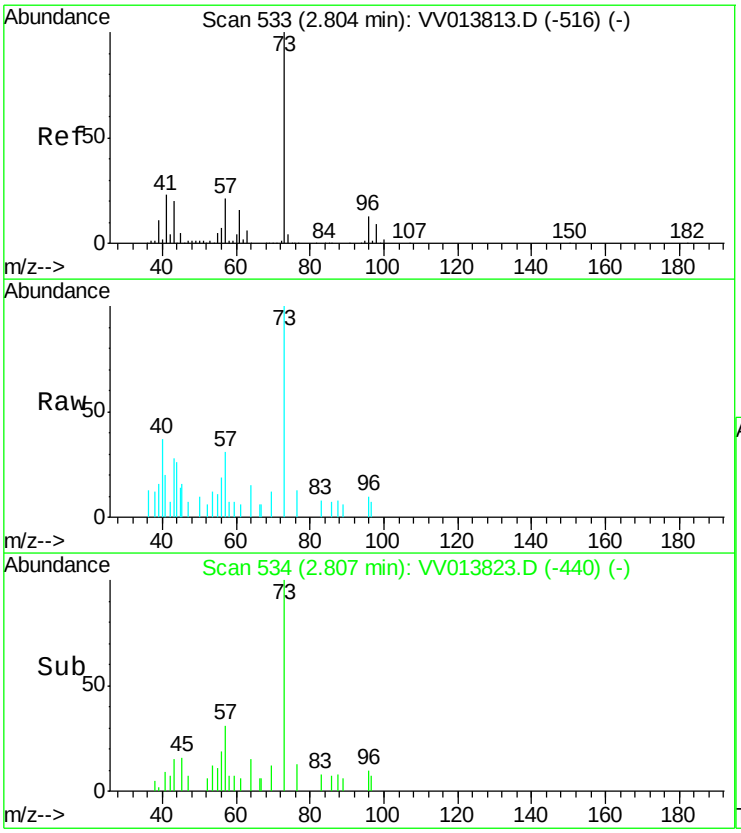
#12
1,1-Dichloroethene
Concen: 4.871 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV013823.D
Acq: 27 Nov 2019 14:50

Instrument : MSVOA_V
ClientSampleId : BFE11DL

Tgt Ion: 96 Resp: 77077

Ion	Ratio	Lower	Upper
96	100		
61	159.2	116.3	215.9
63	120.7	96.7	179.7

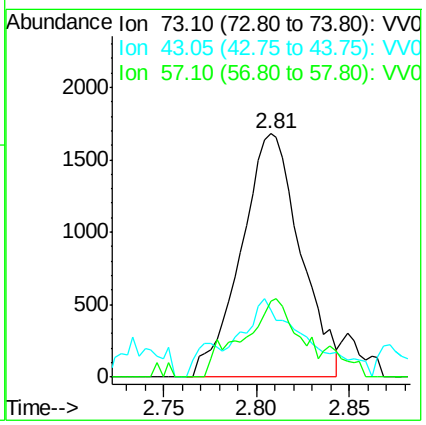


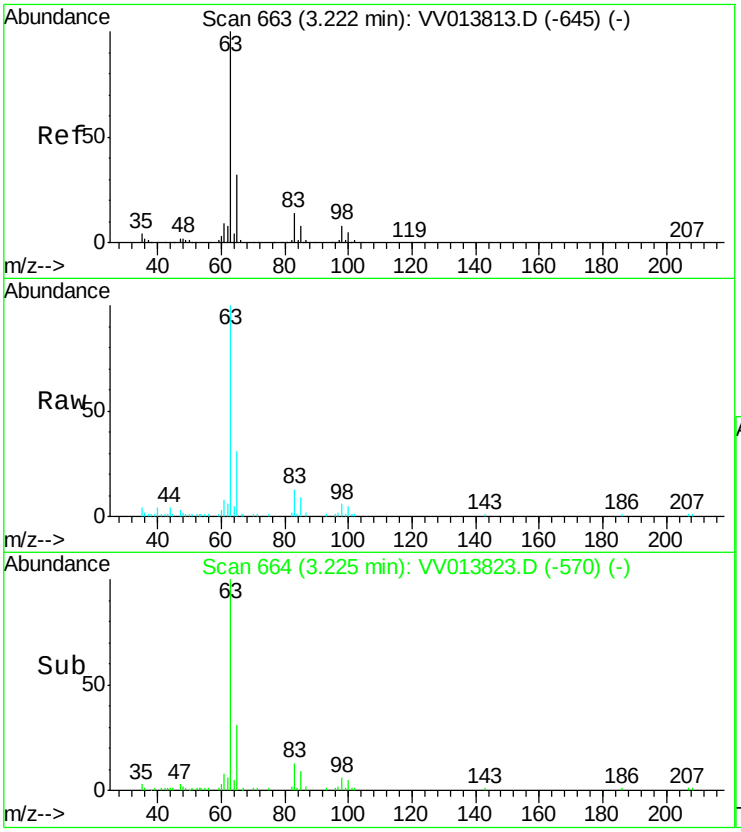


#17
Methyl tert-butyl Ether
Concen: 0.086 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV013823.D
Acq: 27 Nov 2019 14:50

Tgt Ion: 73 Resp: 3725

Ion	Ratio	Lower	Upper
73	100		
43	34.0	15.5	23.3#
57	30.0	17.5	26.3#



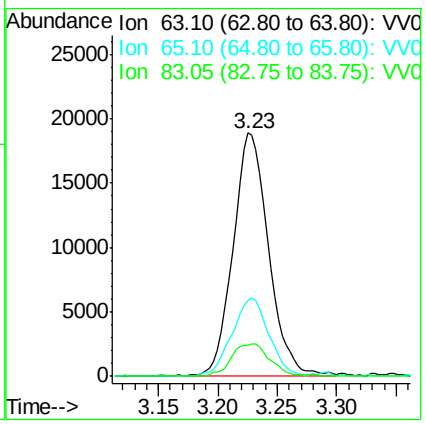


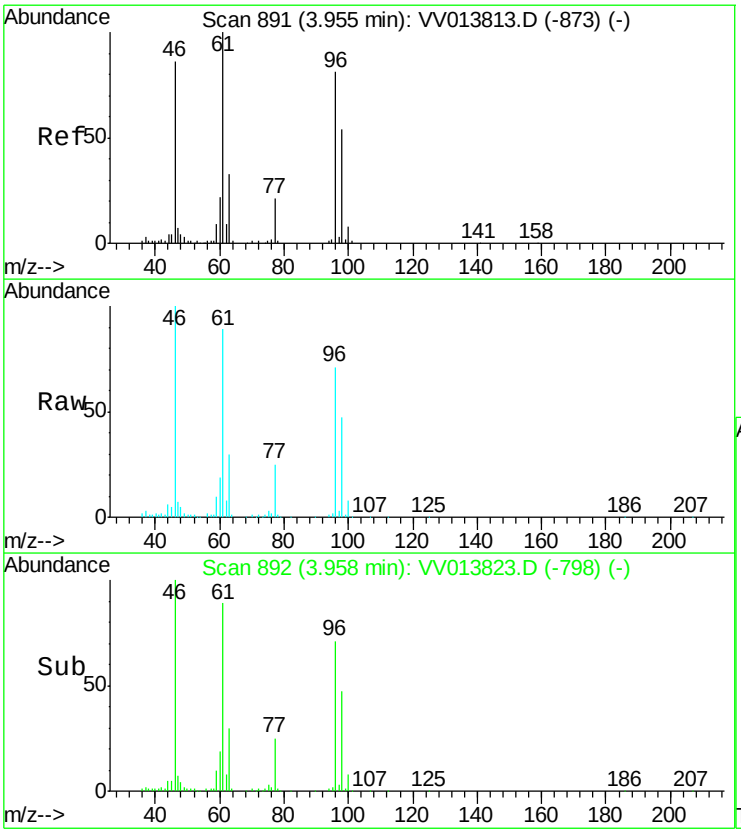
#19
1,1-Dichloroethane
Concen: 1.099 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV013823.D
Acq: 27 Nov 2019 14:50

Instrument :
MSVOA_V
ClientSampleId :
BFE11DL

Tgt Ion: 63 Resp: 39220

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.7	42.1
83	12.9	9.2	17.2

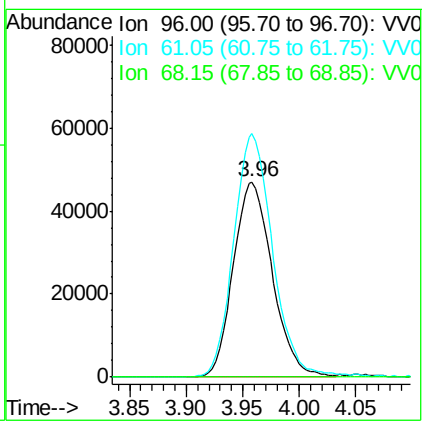


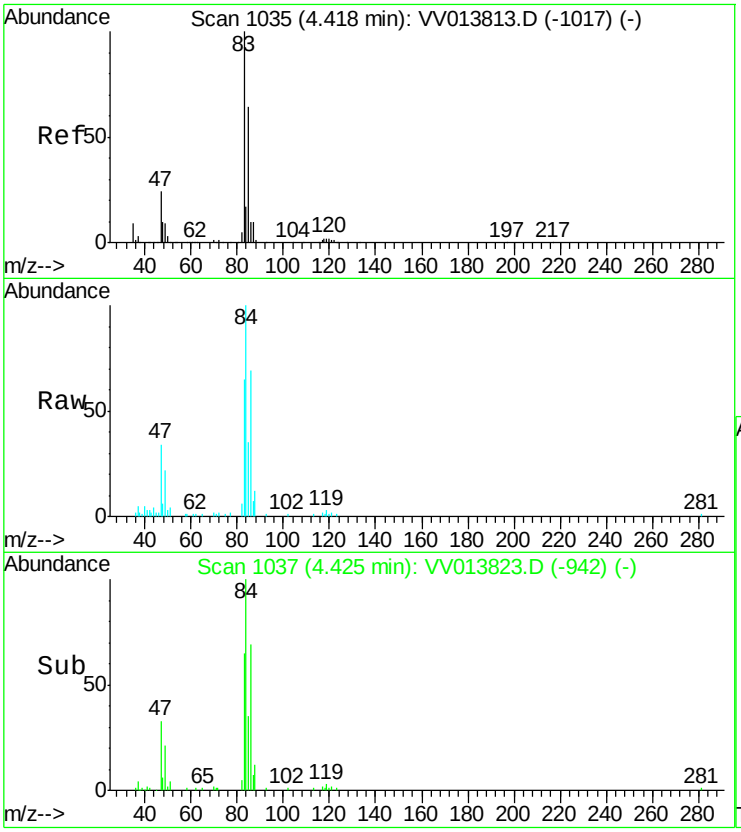


#22
cis-1,2-Dichloroethene
Concen: 5.401 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013823.D
Acq: 27 Nov 2019 14:50

Tgt Ion: 96 Resp: 113169

Ion	Ratio	Lower	Upper
96	100		
61	124.6	86.1	159.9
68	0.2	0.0	0.0#



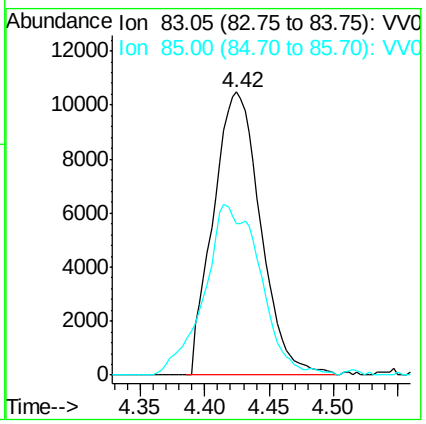


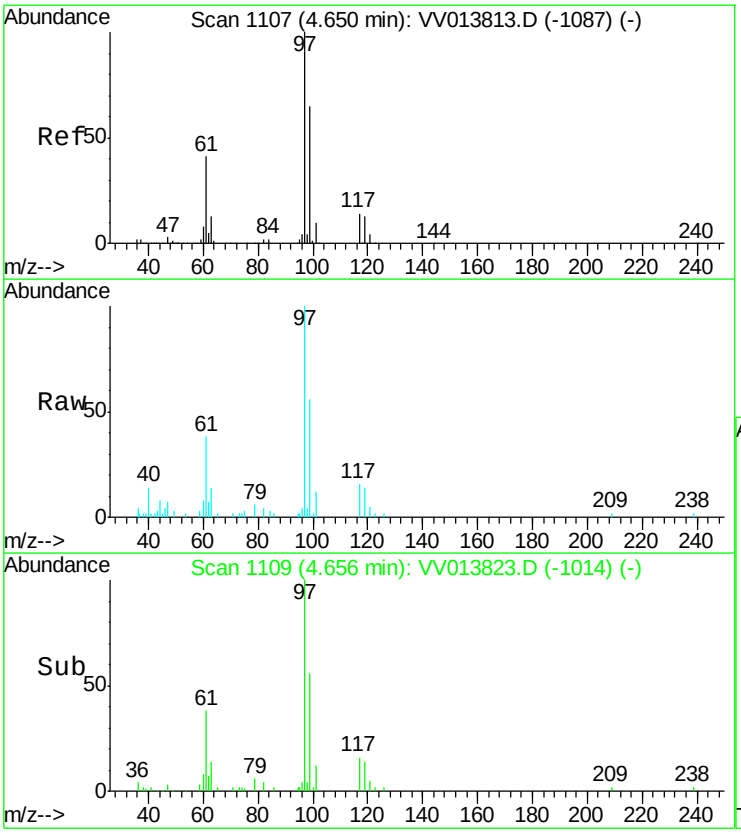
#25
Chloroform
Concen: 0.709 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013823.D
Acq: 27 Nov 2019 14:50

Instrument : MSVOA_V
ClientSampleId : BFE11DL

Tgt Ion: 83 Resp: 26803

Ion	Ratio	Lower	Upper
83	100		
85	53.6	45.1	83.7

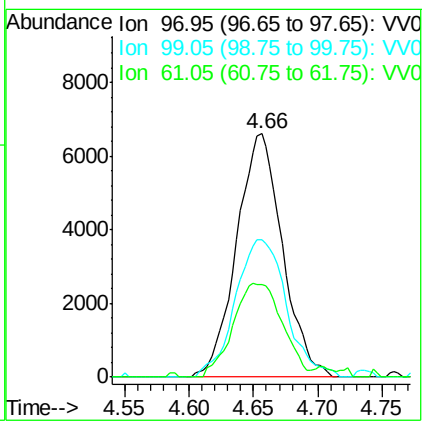


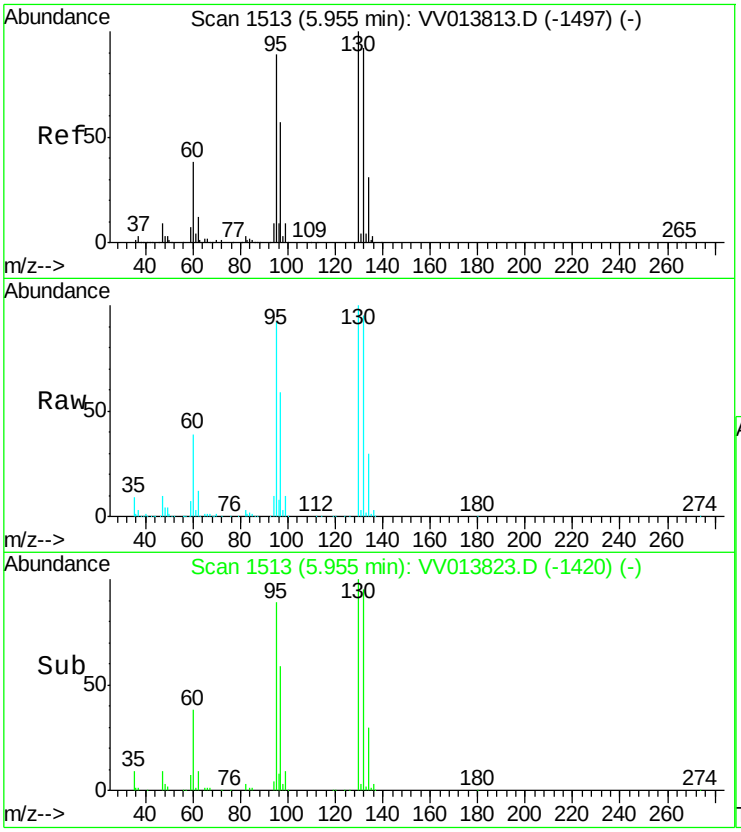


#29
1,1,1-Trichloroethane
Concen: 0.505 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VV013823.D
Acq: 27 Nov 2019 14:50

Tgt Ion: 97 Resp: 16340

Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.7	77.5
61	41.5	35.0	52.6



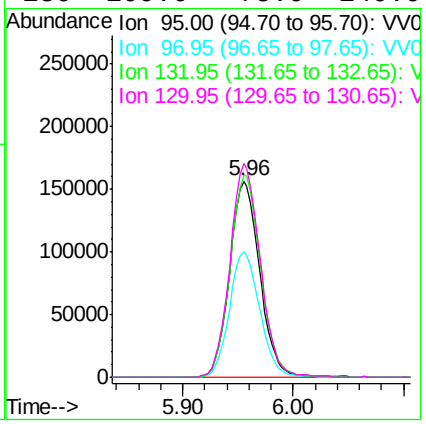


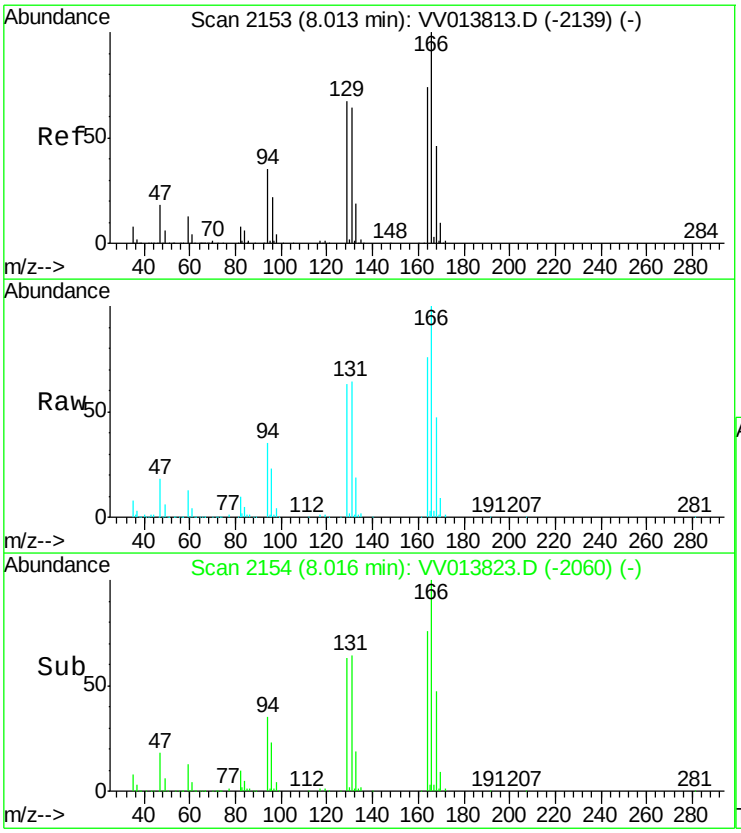
#34
Trichloroethene
Concen: 13.835 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013823.D
Acq: 27 Nov 2019 14:50

Instrument :
MSVOA_V
ClientSampleId :
BFE11DL

Tgt Ion: 95 Resp: 295900

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.6	84.8
132	103.1	70.5	130.9
130	109.0	75.9	140.9





#47
Tetrachloroethene
Concen: 4.830 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013823.D
Acq: 27 Nov 2019 14:50

Tgt Ion:164 Resp: 89706

Ion	Ratio	Lower	Upper
164	100		
129	82.8	60.3	112.1
131	84.3	59.9	111.3
166	131.5	89.1	165.5