Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051220\
Data File : VV016012.D
Acq On : 12 May 2020 14:19
Operator : SY/MD
Sample : L2541-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4252

Quant Time: May 13 07:42:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	106625	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	106348	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	45930	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24405	4.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.40%			
7) Chloroethane-d5	1.58	69	27291	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.60%			
11) 1,1-Dichloroethene-d2	2.12	63	38419	3.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.80%			
20) 2-Butanone-d5	3.93	46	107169	64.95	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.90%			
24) Chloroform-d	4.38	84	67179	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	5.06	65	43494	6.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.00%			
32) Benzene-d6	5.08	84	128045	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.10	67	44136	5.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.40%			
41) Toluene-d8	7.34	98	102235	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
45) trans-1,3-Dichloropropene-	7.65	79	10209	3.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 67.40%			
48) 2-Hexanone-d5	8.12	63	65516	49.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.40%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33509	6.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 123.40%#			
65) 1,2-Dichlorobenzene-d4	11.65	152	41620	5.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	2288	0.280	ug/L	98
13) Acetone	2.21	43	5519	5.070	ug/L	71
16) Methylene chloride	2.53	84	878	0.125	ug/L	92
17) Methyl tert-butyl Ether	2.79	73	2271	0.149	ug/L #	75
25) Chloroform	4.41	83	9007	0.655	ug/L	97
34) Trichloroethene	5.94	95	5898	0.772	ug/L	95
49) Tetrachloroethene	8.00	164	43249	8.116	ug/L	98

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

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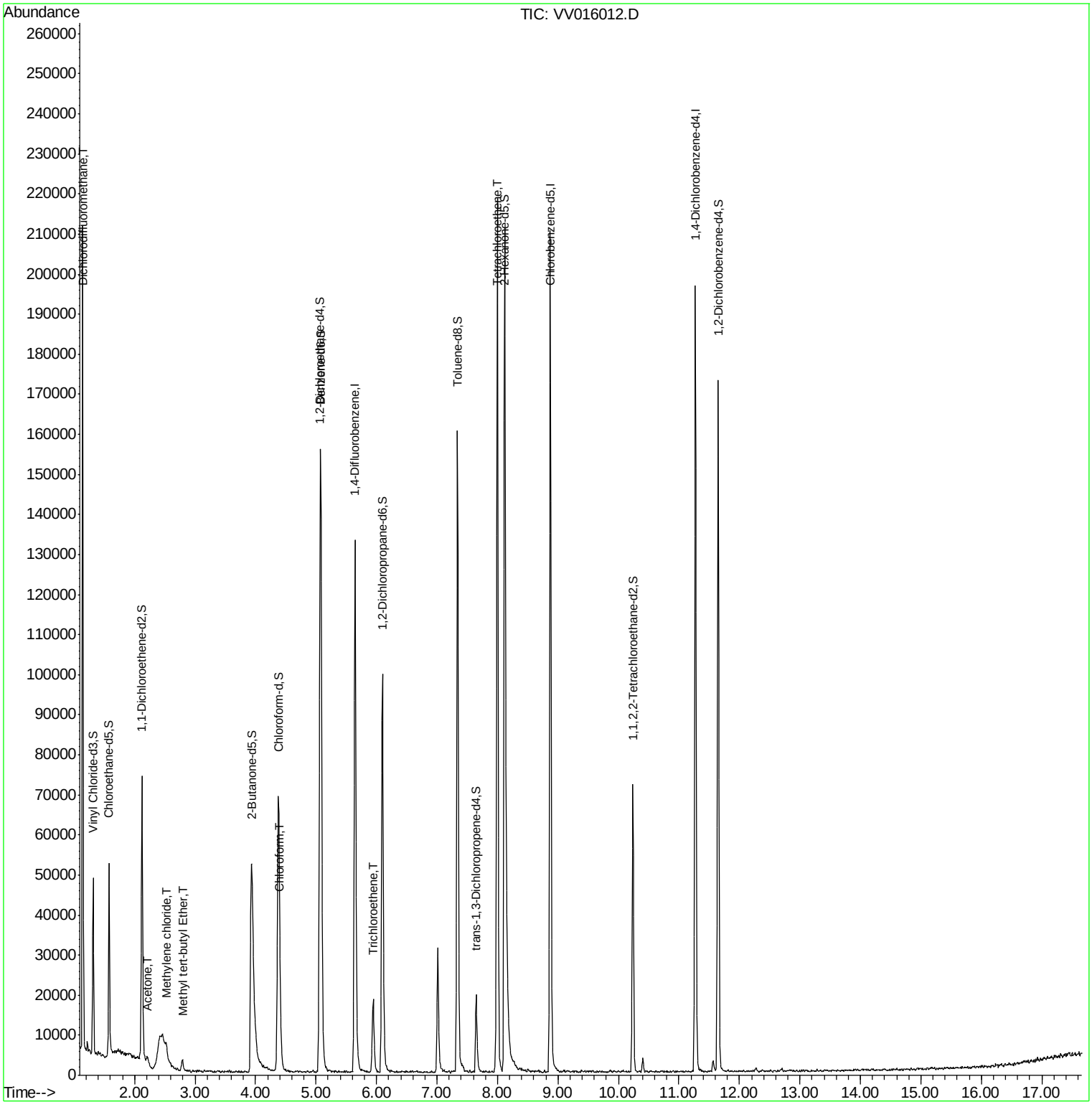
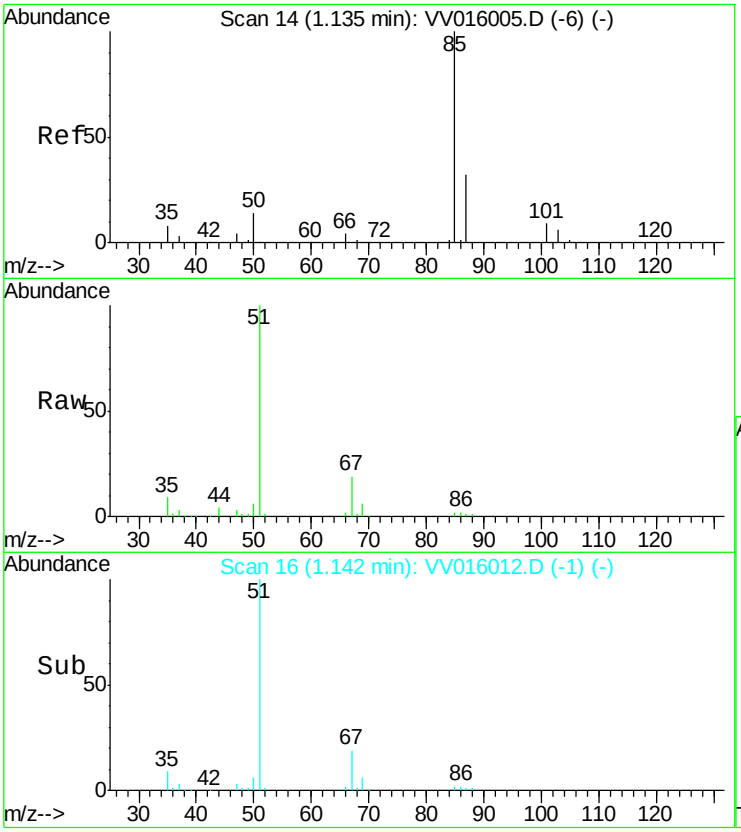


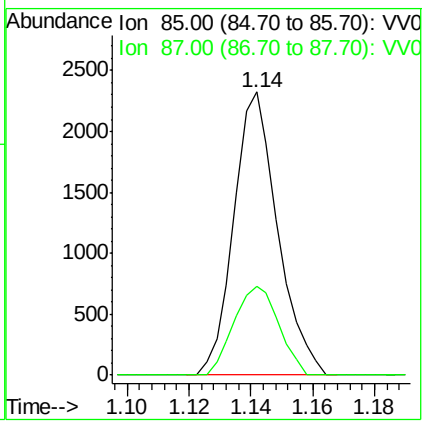


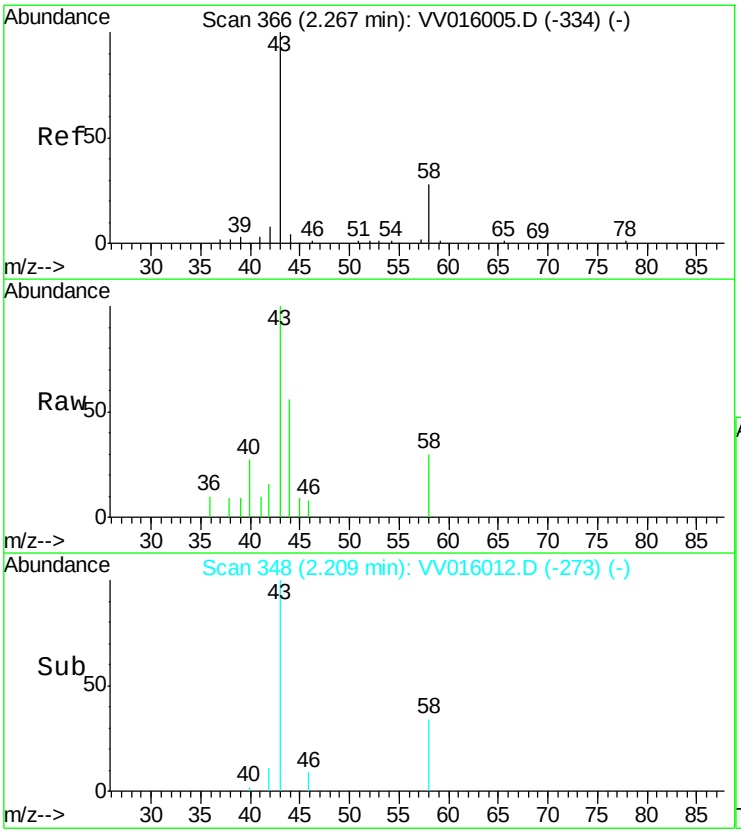
#2
Dichlorodifluoromethane
Concen: 0.280 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.01 min
Lab File: VV016012.D
Acq: 12 May 2020 14:19

Instrument :
MSVOA_V
ClientSampleId :
H4252

Tgt Ion: 85 Resp: 2288

Ion	Ratio	Lower	Upper
85	100		
87	32.1	26.4	39.6

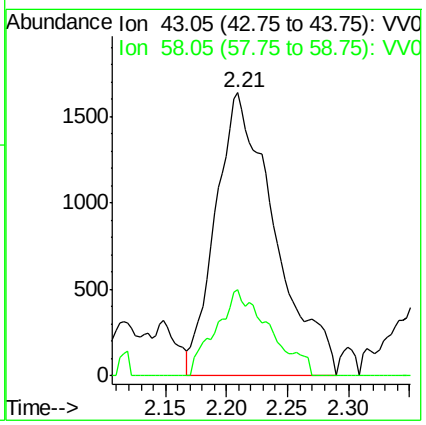


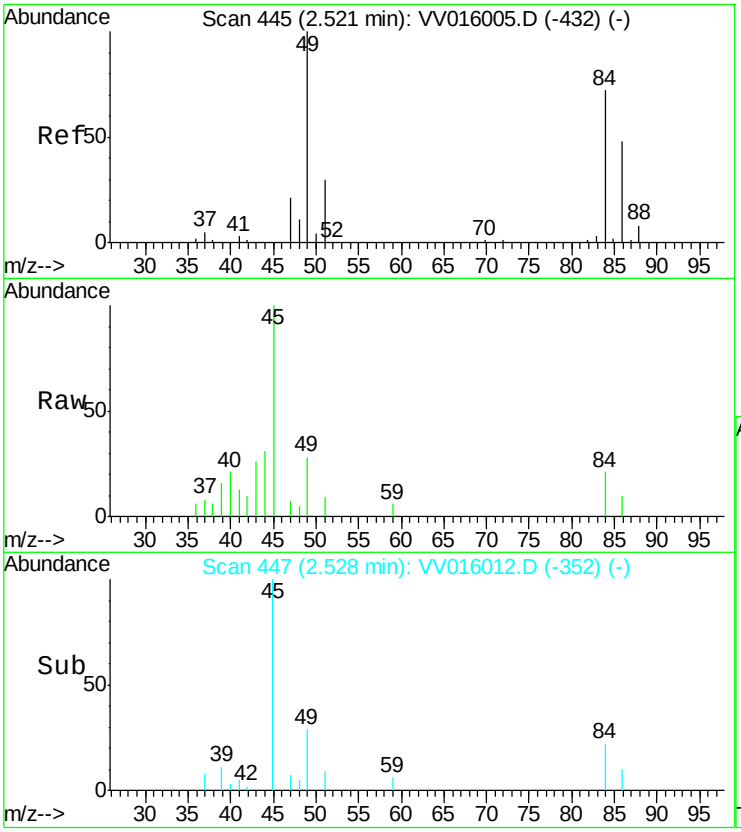


#13
Acetone
Concen: 5.070 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.06 min
Lab File: VV016012.D
Acq: 12 May 2020 14:19

Tgt Ion: 43 Resp: 5519

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	30.8



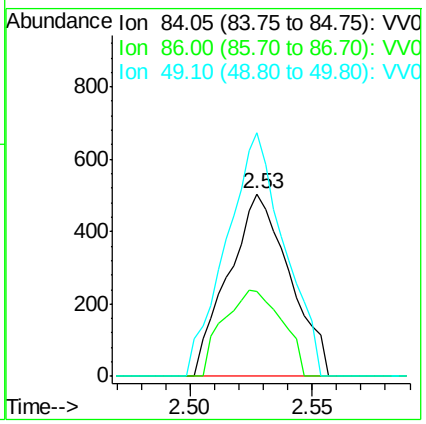


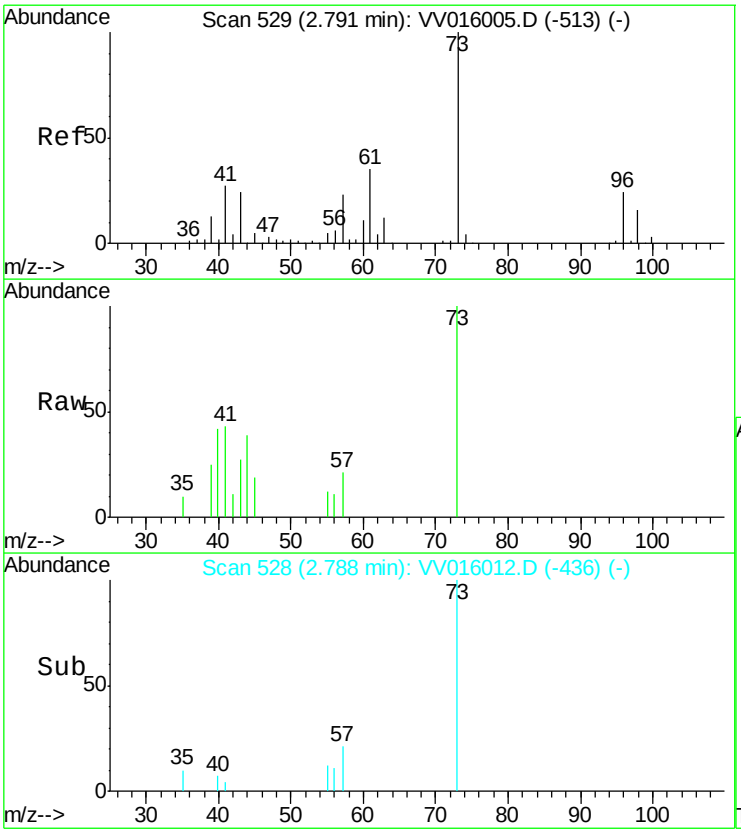
#16
Methylene chloride
Concen: 0.125 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV016012.D
Acq: 12 May 2020 14:19

Instrument : MSVOA_V
ClientSampleId : H4252

Tgt Ion: 84 Resp: 878

Ion	Ratio	Lower	Upper
84	100		
86	46.4	45.6	84.8
49	133.5	93.6	173.8

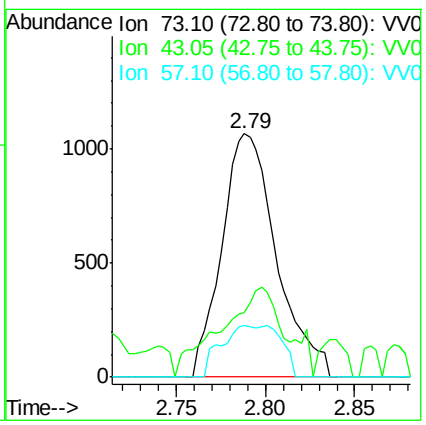


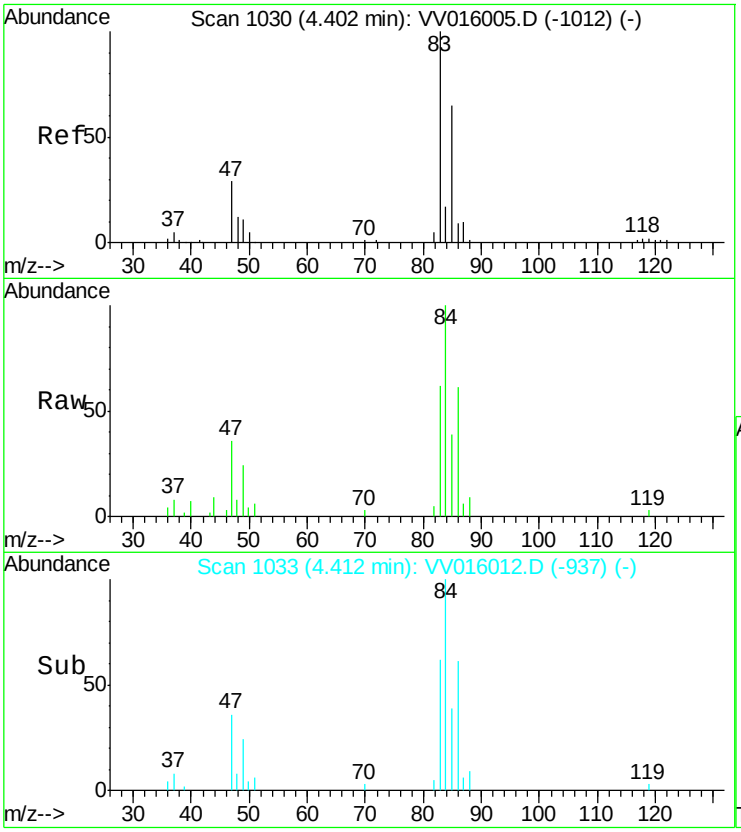


#17
Methyl tert-butyl Ether
Concen: 0.149 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV016012.D
Acq: 12 May 2020 14:19

Tgt Ion: 73 Resp: 2271

Ion	Ratio	Lower	Upper
73	100		
43	39.2	18.8	28.2#
57	13.8	17.8	26.6#



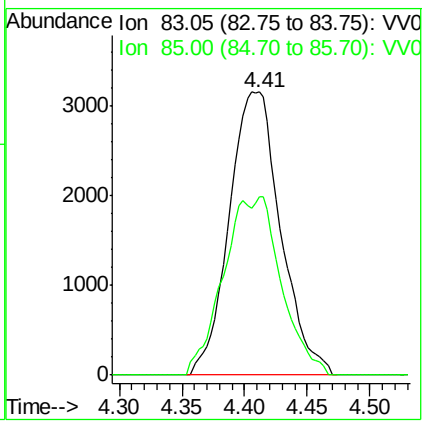


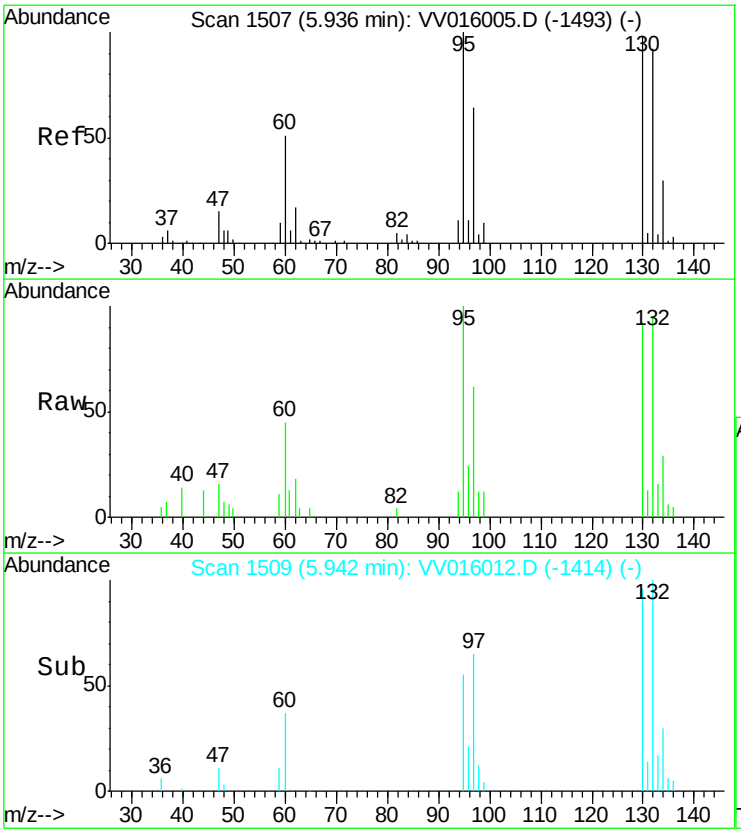
#25
Chloroform
Concen: 0.655 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV016012.D
Acq: 12 May 2020 14:19

Instrument : MSVOA_V
ClientSampleId : H4252

Tgt Ion: 83 Resp: 9007

Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.7	84.9

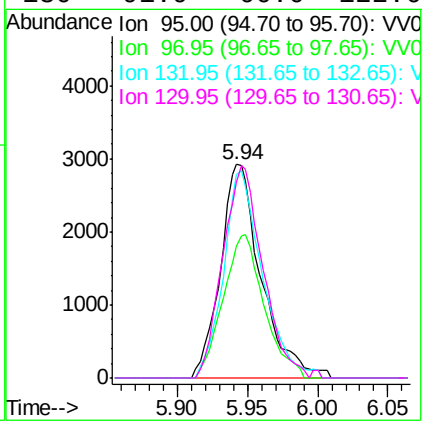


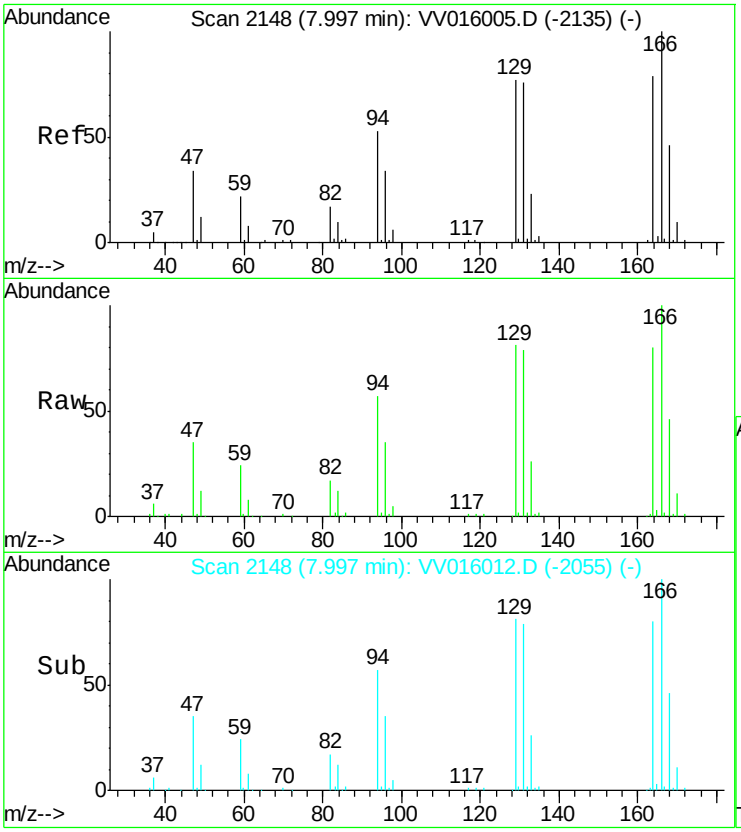


#34
Trichloroethene
Concen: 0.772 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016012.D
Acq: 12 May 2020 14:19

Tgt Ion: 95 Resp: 5898

Ion	Ratio	Lower	Upper
95	100		
97	61.7	43.3	80.5
132	95.4	60.3	112.1
130	91.9	66.0	122.6





#49
Tetrachloroethene
Concen: 8.116 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016012.D
Acq: 12 May 2020 14:19

Instrument :
MSVOA_V
ClientSampleId :
H4252

Tgt Ion:164 Resp: 43249

Ion	Ratio	Lower	Upper
164	100		
129	101.1	69.7	129.4
131	98.7	66.8	124.2
166	125.3	89.1	165.5