Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071020\
Data File : VV017454.D
Acq On : 10 Jul 2020 20:45
Operator : SY/MD
Sample : L3270-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A16

Quant Time: Jul 11 00:27:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 11 00:23:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	261190	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	247759	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119540	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	52801	38.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.66%			
7) Chloroethane-d5	1.58	69	40796	42.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.42%			
11) 1,1-Dichloroethene-d2	2.12	63	94563	30.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.42%			
21) 2-Butanone-d5	3.91	46	88493	95.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.28%			
24) Chloroform-d	4.38	84	140159	44.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.12%			
26) 1,2-Dichloroethane-d4	5.06	65	106077	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.28%			
32) Benzene-d6	5.08	84	245883	45.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.88%			
36) 1,2-Dichloropropane-d6	6.09	67	72592	47.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.20%			
41) Toluene-d8	7.34	98	227413	44.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	7.64	79	39727	44.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.58%			
47) 2-Hexanone-d5	8.11	63	56364	89.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.11%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	94181	43.52	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.04%			
64) 1,2-Dichlorobenzene-d4	11.65	152	99698	49.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.76%			
Target Compounds						Qvalue
13) Acetone	2.19	43	9313	7.366	ug/L	72
20) cis-1,2-Dichloroethene	3.95	96	3518	1.925	ug/L	84
29) Cyclohexane	4.70	56	2822	1.092	ug/L #	83
34) Trichloroethene	5.95	95	2262	1.163	ug/L #	84
35) Methylcyclohexane	6.09	83	21443	7.531	ug/L #	19
46) Tetrachloroethene	8.00	164	11209	6.865	ug/L	97
48) 2-Hexanone	8.17	43	5631	3.140	ug/L #	72

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

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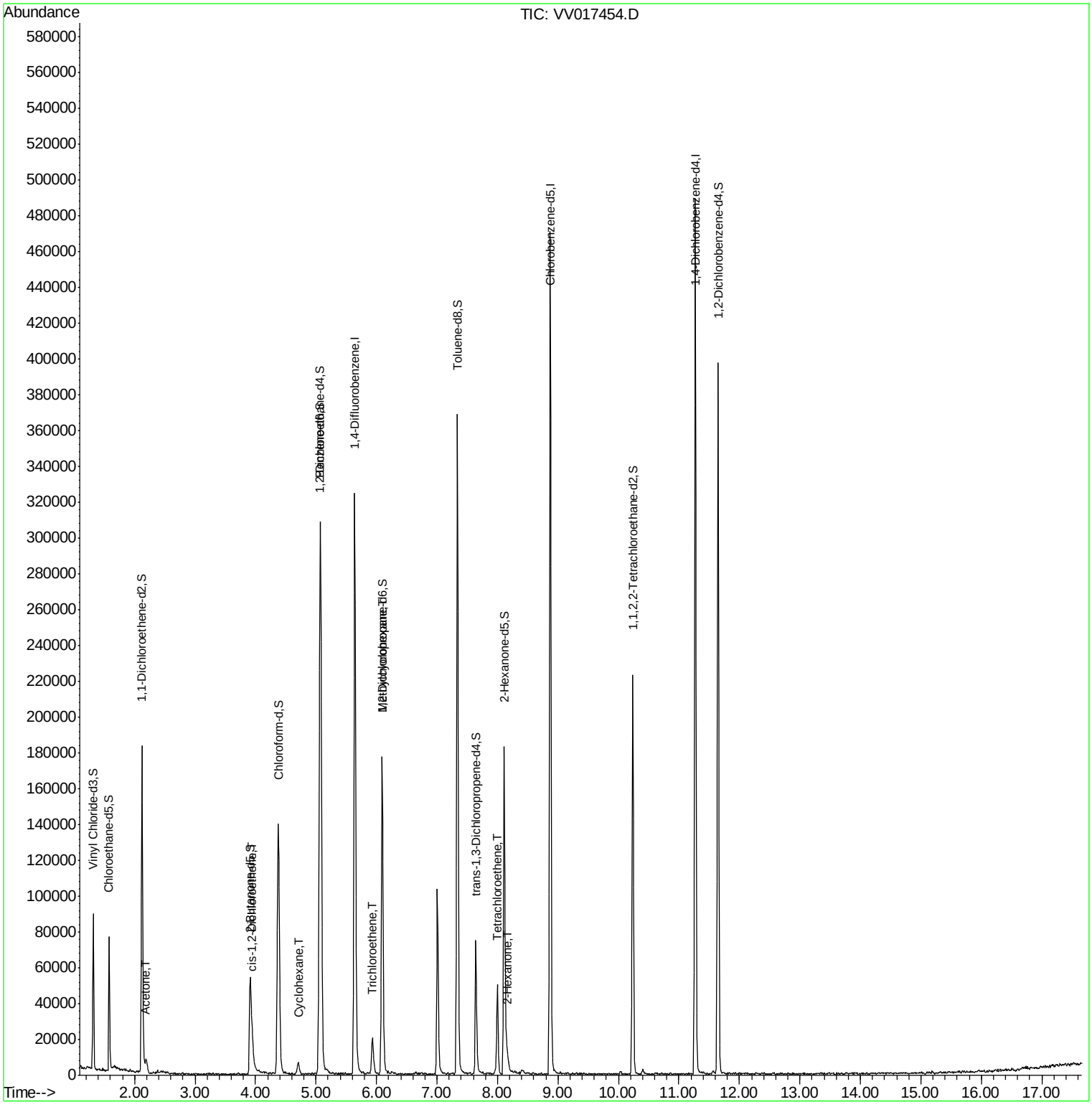
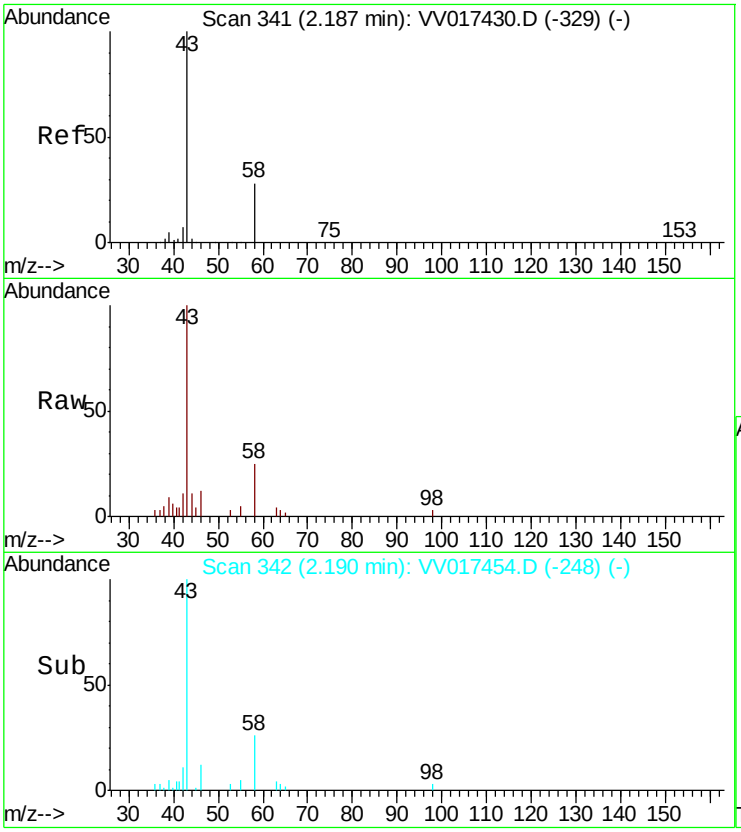


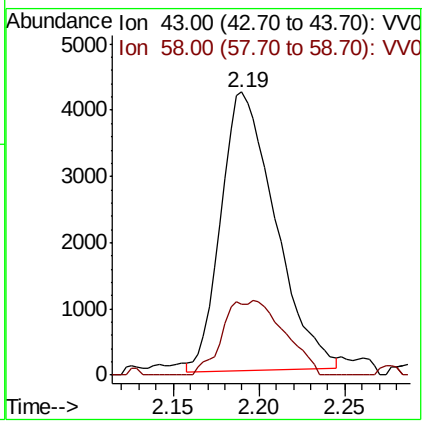


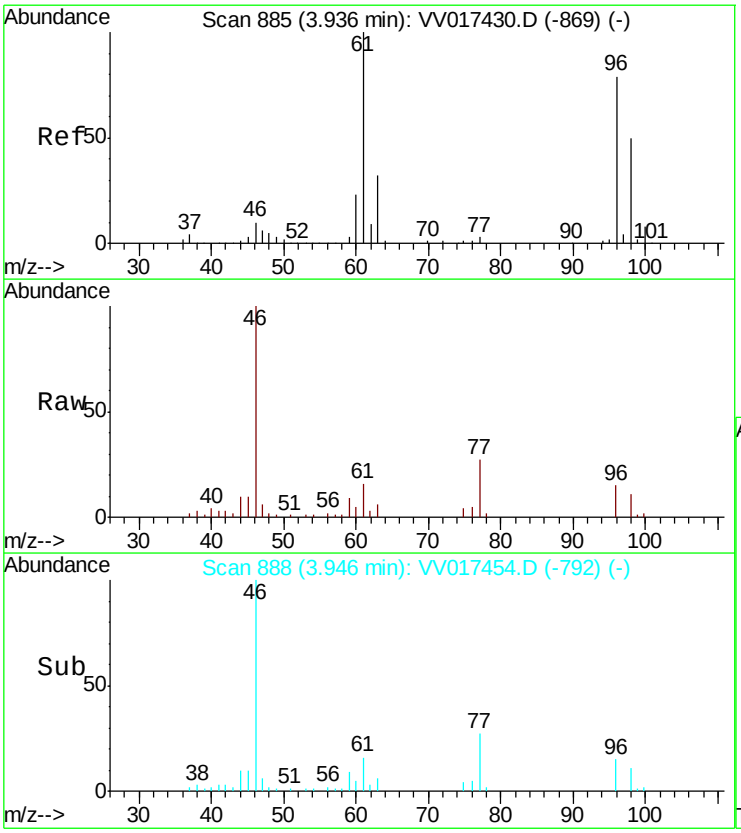
#13
Acetone
Concen: 7.366 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

Instrument : MSVOA_V
ClientSampleId : F4A16

Tgt Ion: 43 Resp: 9313

Ion	Ratio	Lower	Upper
43	100		
58	13.3	0.0	56.0

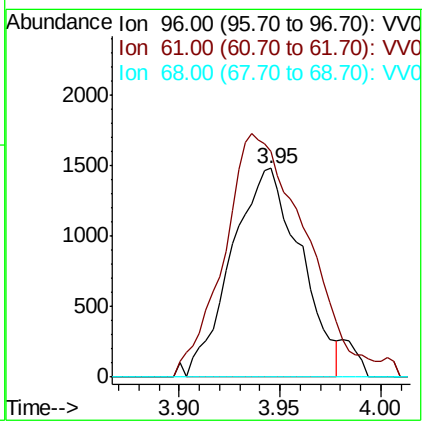


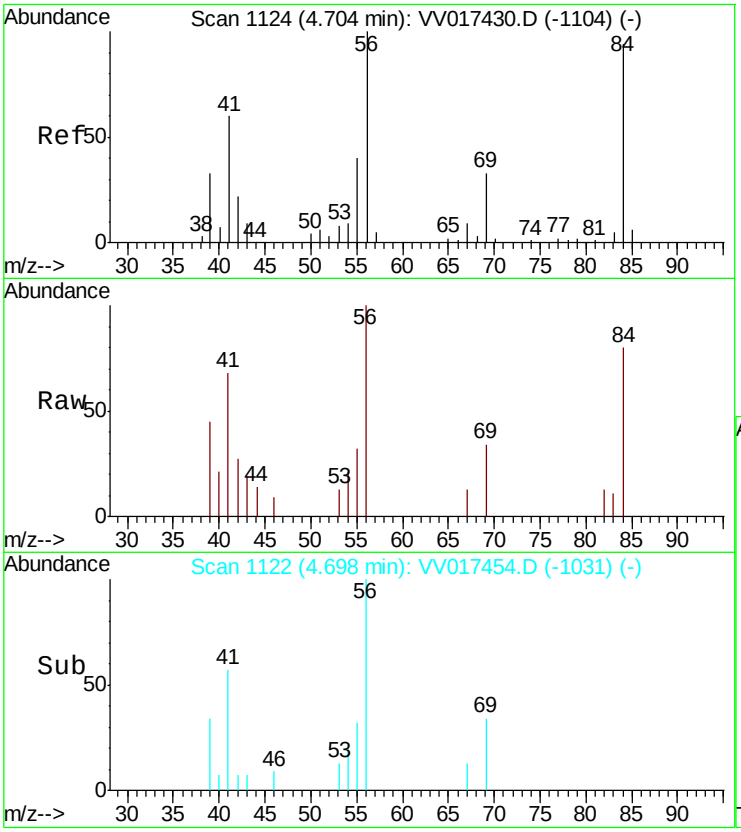


#20
cis-1,2-Dichloroethene
Concen: 1.925 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

Tgt Ion: 96 Resp: 3518

Ion	Ratio	Lower	Upper
96	100		
61	108.1	88.9	165.1
68	0.0	0.0	0.0



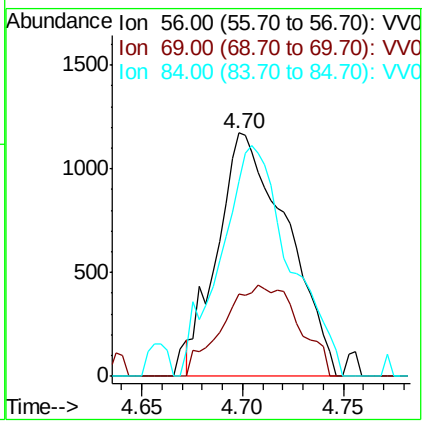


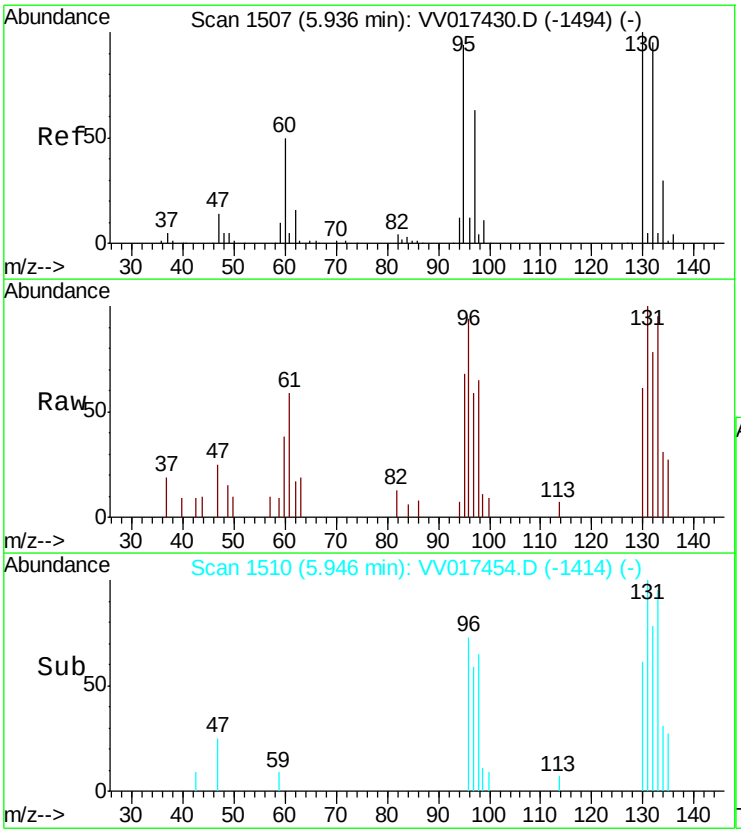
#29
Cyclohexane
Concen: 1.092 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

Instrument : MSVOA_V
ClientSampleId : F4A16

Tgt Ion: 56 Resp: 2822

Ion	Ratio	Lower	Upper
56	100		
69	8.2	27.0	40.4#
84	89.2	77.4	116.0

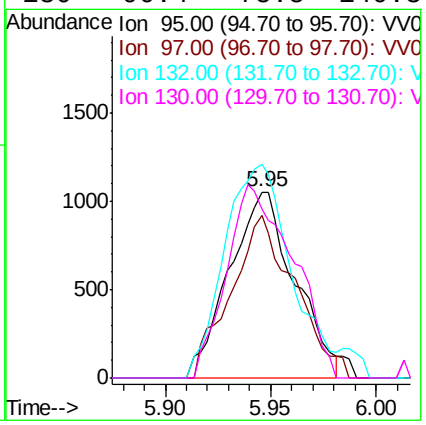


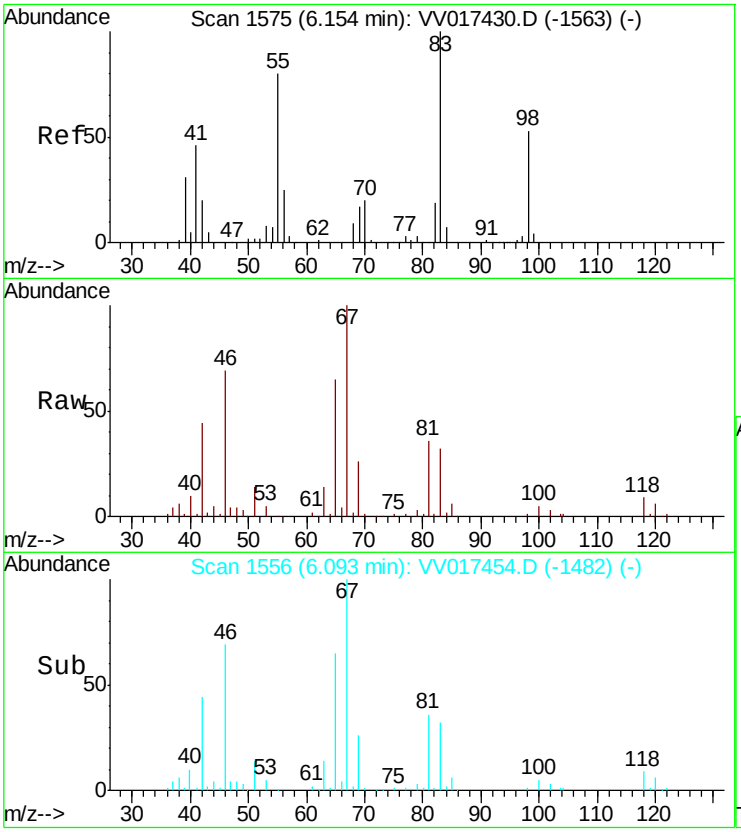


#34
Trichloroethene
Concen: 1.163 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

Tgt Ion: 95 Resp: 2262

Ion	Ratio	Lower	Upper
95	100		
97	87.6	45.6	84.6#
132	114.7	74.1	137.5
130	90.4	75.5	140.3



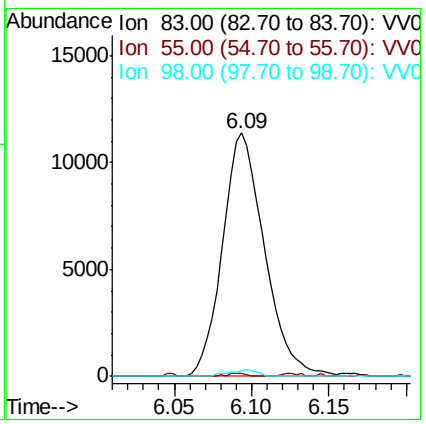


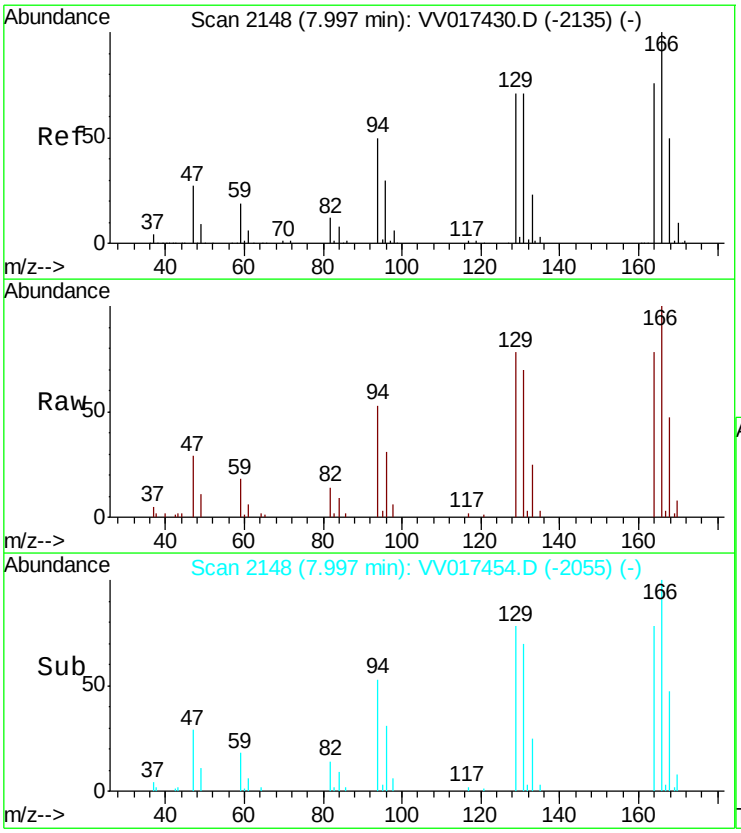
#35
Methylcyclohexane
Concen: 7.531 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

Instrument :
MSVOA_V
ClientSampleId :
F4A16

Tgt Ion: 83 Resp: 21443

Ion	Ratio	Lower	Upper
83	100		
55	0.5	61.0	91.6#
98	1.9	41.3	61.9#

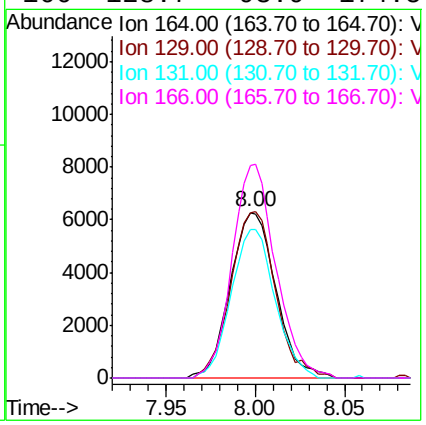


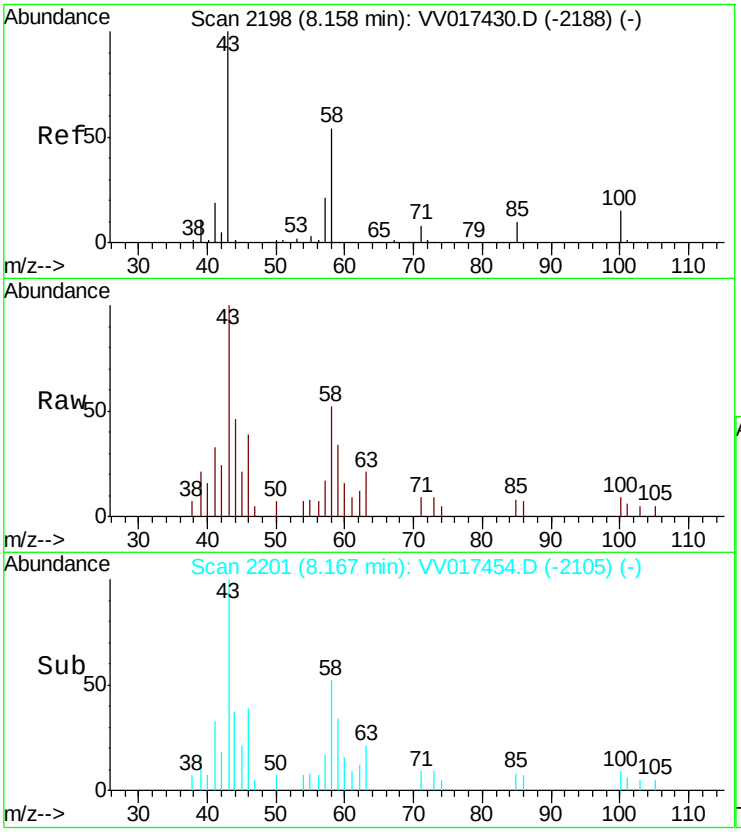


#46
Tetrachloroethene
Concen: 6.865 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

Tgt Ion:164 Resp: 11209

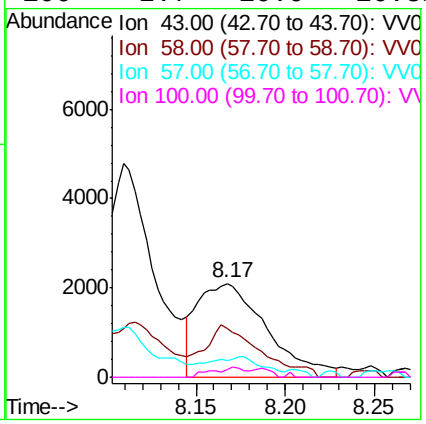
Ion	Ratio	Lower	Upper
164	100		
129	99.9	66.6	123.8
131	93.9	65.5	121.7
166	128.7	93.9	174.5





#48
2-Hexanone
Concen: 3.140 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

Instrument :
MSVOA_V
ClientSampleId :
F4A16

Tgt Ion: 43 Resp: 5631

Ion	Ratio	Lower	Upper
43	100		
58	32.2	42.6	64.0#
57	8.4	16.2	24.4#
100	2.7	10.9	16.3#