Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\

Quantitation Report (Not Reviewed)

Data File : VV010755.D
Acq On : 09 May 2019 07:11
Operator : SY/MD
Sample : K2693-05
Misc : 5.72G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHD2

Quant Time: May 09 08:13:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	95458	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	91734	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32909	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	28532	19.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.96%			
7) Chloroethane-d5	1.56	69	28212	23.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.48%			
10) 1,1-Dichloroethene-d2	2.12	63	35393	11.00	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 44.00%#			
20) 2-Butanone-d5	3.92	46	15477	34.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.56%			
24) Chloroform-d	4.39	84	57788	22.20	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.80%			
26) 1,2-Dichloroethane-d4	5.07	65	38100	23.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.76%			
29) Benzene-d6	5.09	84	120241	24.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.60%			
33) 1,2-Dichloropropane-d6	6.11	67	38664	25.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.52%			
37) Toluene-d8	7.36	98	108308	23.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.68%			
38) trans-1,3-Dichloropropene-	7.66	79	13619	19.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.68%			
39) 2-Hexanone-d5	8.13	63	11063	34.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.72%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27773	19.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 76.84%			
61) 1,2-Dichlorobenzene-d4	11.67	152	32089	25.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.72%			

Target Compounds						Qvalue
13) Acetone	2.19	43	1019	1.479	ug/L	66
16) Methylene chloride	2.53	84	4252	2.881	ug/L	95
25) Chloroform	4.42	83	4419	1.530	ug/L	85
35) Trichloroethene	5.66	95	2596	1.721	ug/L #	7
36) Methylcyclohexane	6.11	83	9141	3.781	ug/L #	19
40) 1,2-Dichloropropane	6.12	63	4739	3.308	ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	4824	4.009	ug/L #	88

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

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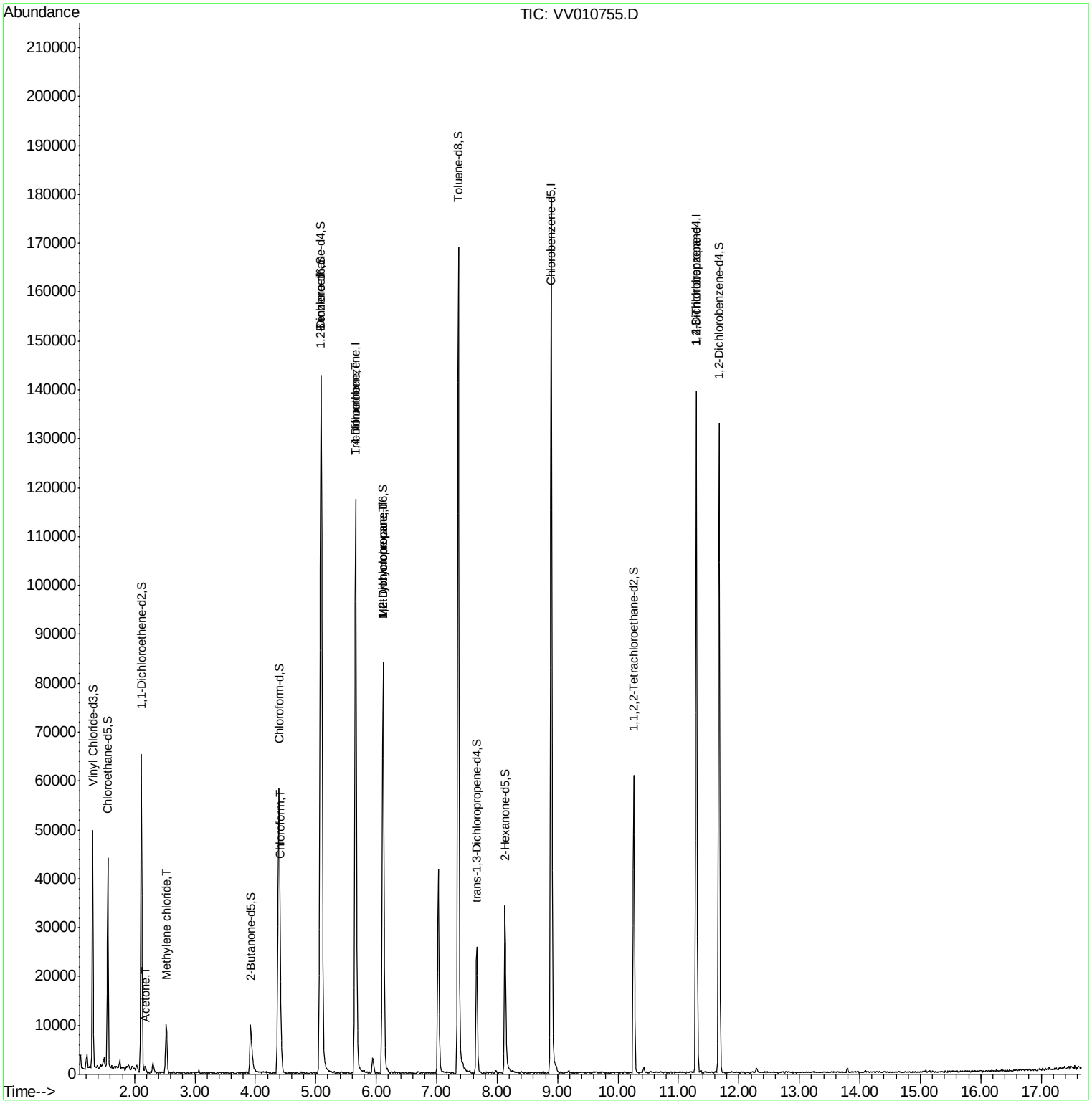
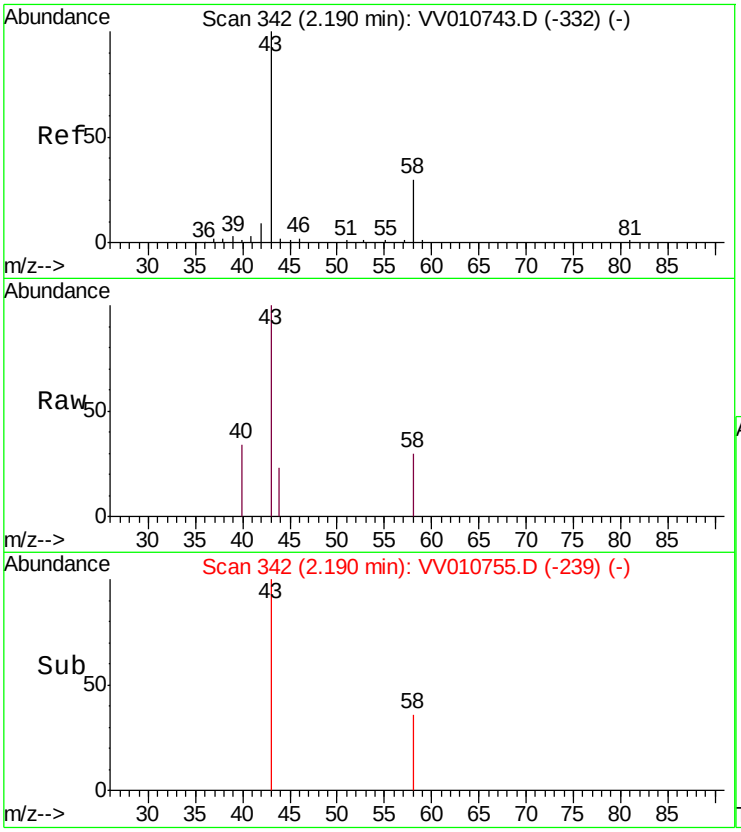
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration



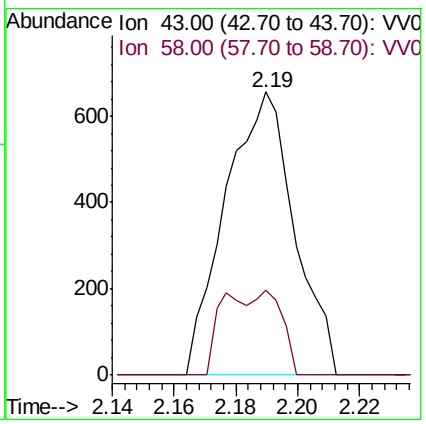


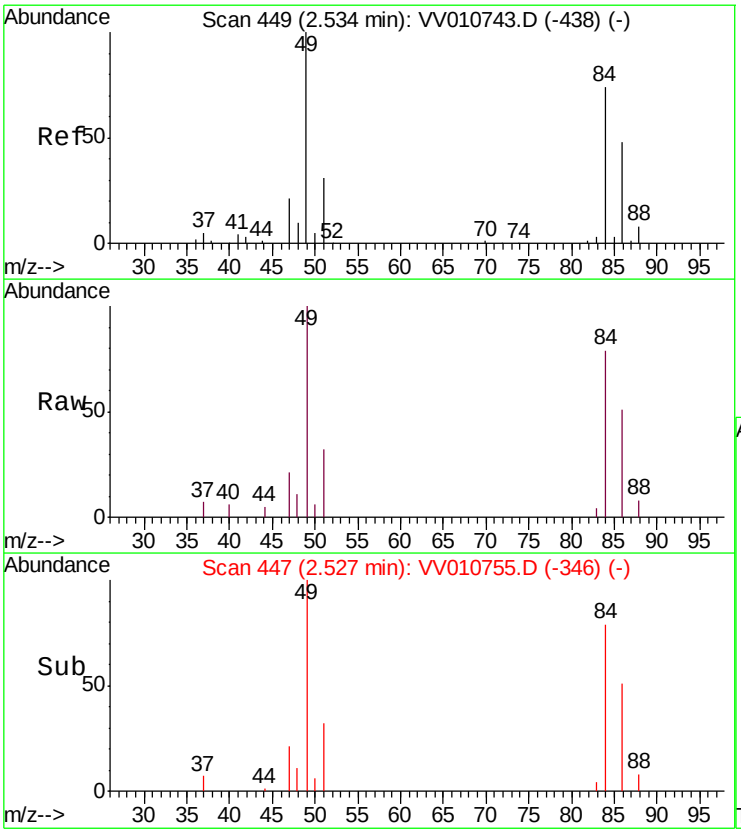
#13
Acetone
Concen: 1.479 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV010755.D
Acq: 09 May 2019 07:11

Instrument :
MSVOA_V
ClientSampleId :
BFHD2

Tgt Ion: 43 Resp: 1019

Ion	Ratio	Lower	Upper
43	100		
58	12.6	0.0	63.4

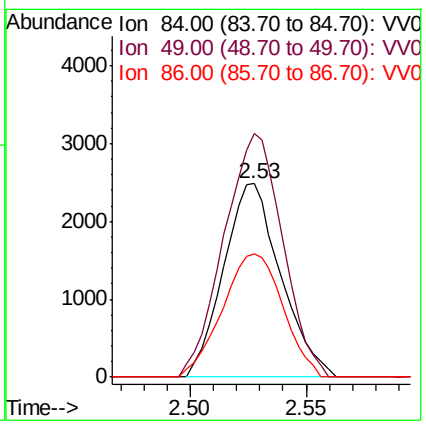


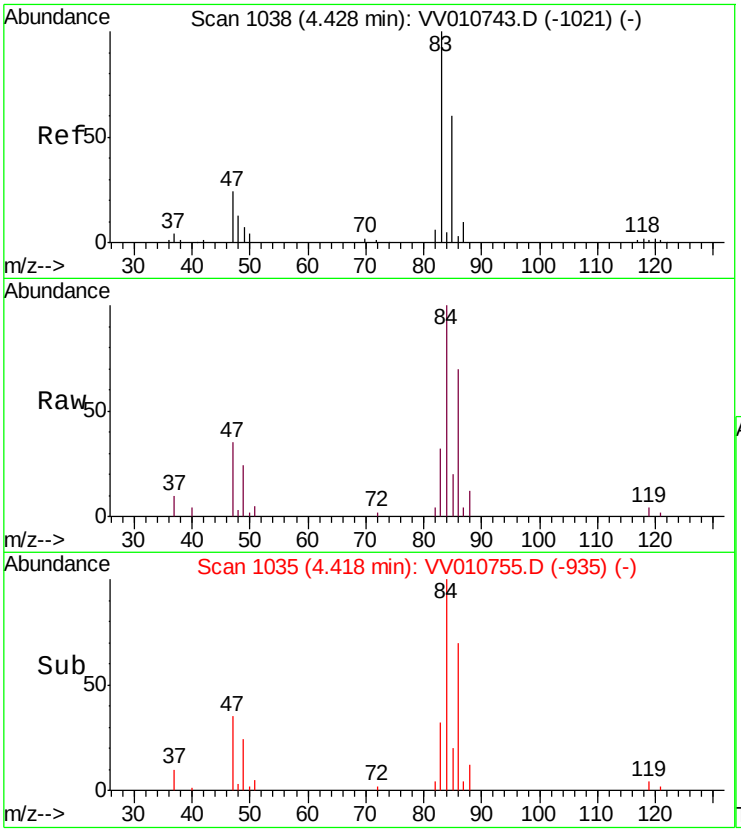


#16
Methylene chloride
Concen: 2.881 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010755.D
Acq: 09 May 2019 07:11

Tgt Ion: 84 Resp: 4252

Ion	Ratio	Lower	Upper
84	100		
49	125.8	92.9	172.5
86	63.6	46.5	86.5



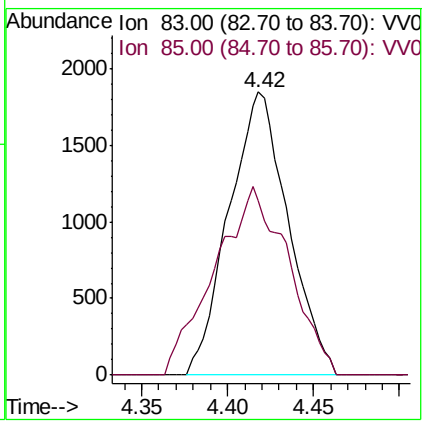


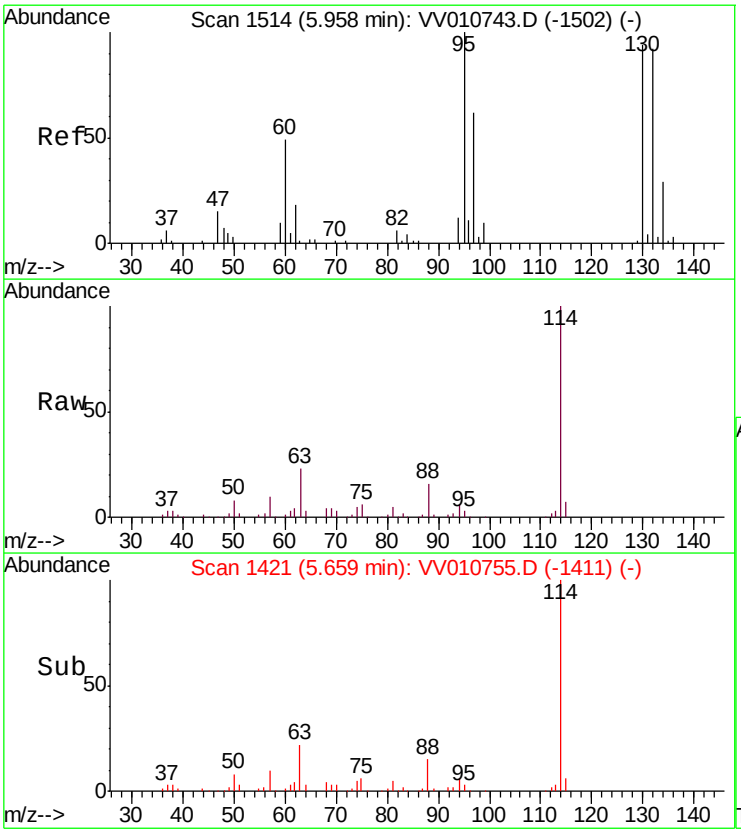
#25
Chloroform
Concen: 1.530 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010755.D
Acq: 09 May 2019 07:11

Instrument :
MSVOA_V
ClientSampleId :
BFHD2

Tgt Ion: 83 Resp: 4419

Ion	Ratio	Lower	Upper
83	100		
85	52.1	44.6	82.8

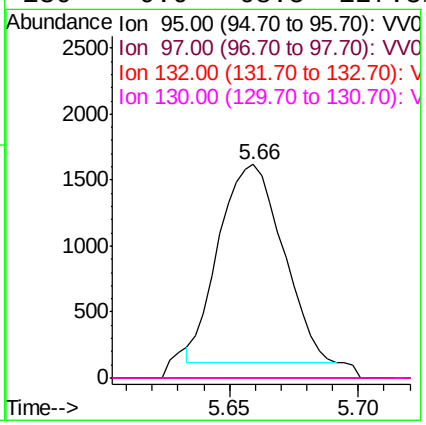


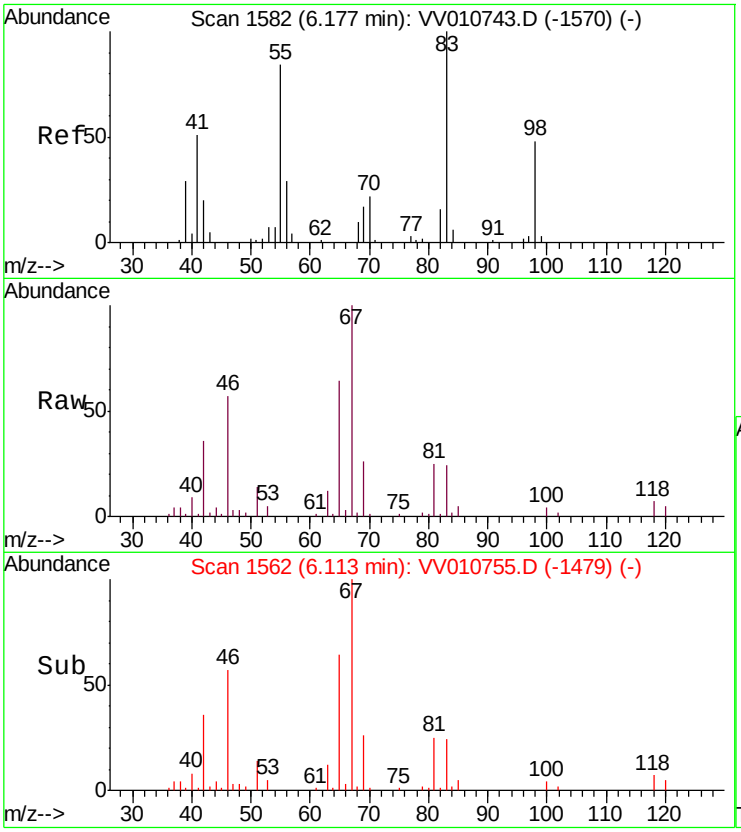


#35
Trichloroethene
Concen: 1.721 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010755.D
Acq: 09 May 2019 07:11

Tgt Ion: 95 Resp: 2596

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	62.4	115.8#
130	0.0	68.5	127.3#



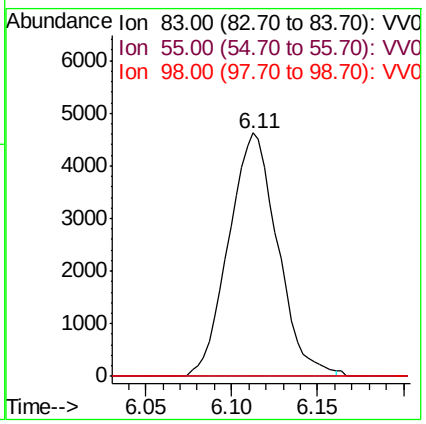


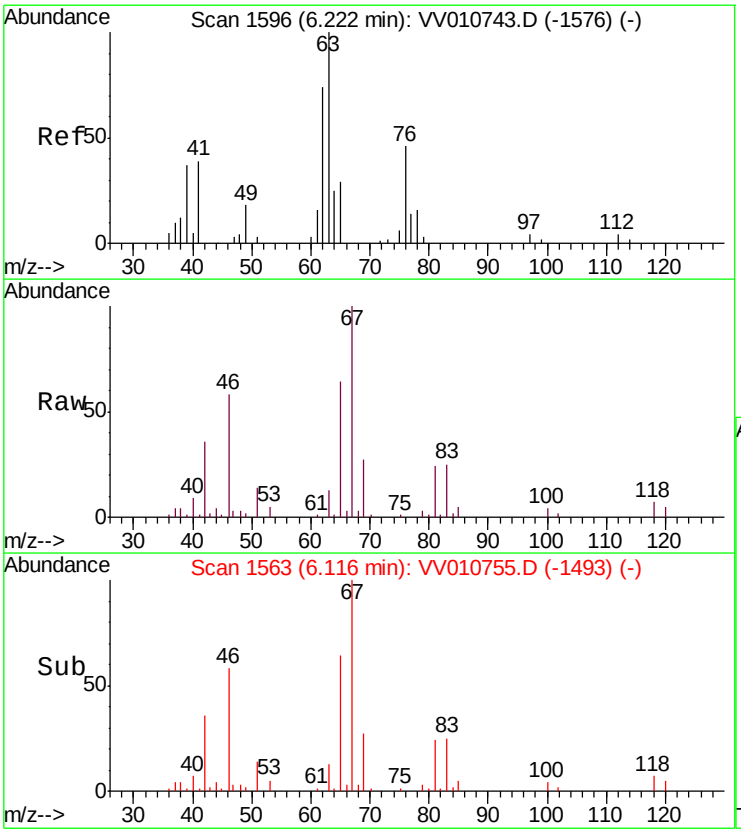
#36
Methylcyclohexane
Concen: 3.781 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010755.D
Acq: 09 May 2019 07:11

Instrument : MSVOA_V
ClientSampleId : BFHD2

Tgt Ion: 83 Resp: 9141

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	96.8#
98	4.1	37.7	56.5#

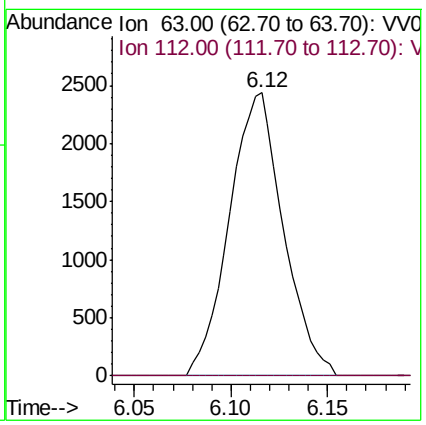


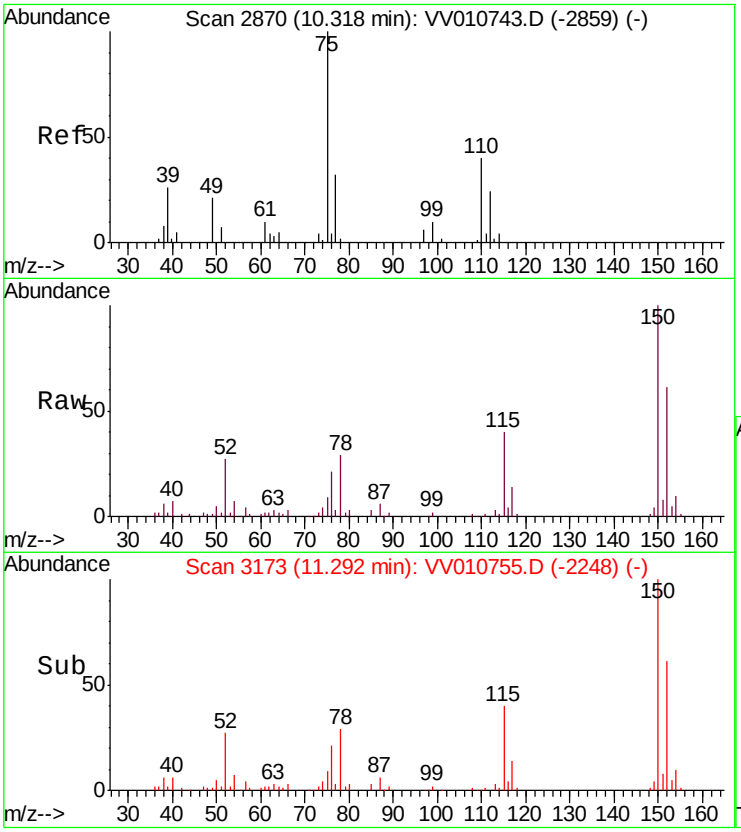


#40
1,2-Dichloropropane
Concen: 3.308 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010755.D
Acq: 09 May 2019 07:11

Tgt Ion: 63 Resp: 4739

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#59
1,2,3-Trichloropropane
Concen: 4.009 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010755.D
Acq: 09 May 2019 07:11

Instrument :
MSVOA_V
ClientSampleId :
BFHD2

Tgt Ion: 75 Resp: 4824

Ion	Ratio	Lower	Upper
75	100		
77	38.1	25.0	37.6#