Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\

Quantitation Report (Not Reviewed)

Data File : VV010772.D
Acq On : 09 May 2019 17:35
Operator : SY/MD
Sample : K2693-12
Misc : 4.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH62

Quant Time: May 10 05:46:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	86163	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76159	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23471	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26781	20.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.04%			
7) Chloroethane-d5	1.58	69	25328	22.99	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.96%			
10) 1,1-Dichloroethene-d2	2.13	63	43511	14.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.96%			
20) 2-Butanone-d5	3.93	46	13142	32.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.44%			
24) Chloroform-d	4.40	84	50745	21.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.40%			
26) 1,2-Dichloroethane-d4	5.08	65	31623	21.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.24%			
29) Benzene-d6	5.10	84	97393	24.30	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.20%			
33) 1,2-Dichloropropane-d6	6.11	67	32892	25.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.00%			
37) Toluene-d8	7.36	98	81417	21.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.84%			
38) trans-1,3-Dichloropropene-	7.66	79	10670	18.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.28%			
39) 2-Hexanone-d5	8.13	63	9737	36.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.86%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	21744	18.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 72.44%			
61) 1,2-Dichlorobenzene-d4	11.67	152	18956	20.85	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.40%			

Target Compounds						Qvalue
13) Acetone	2.18	43	3235	5.202	ug/L	93
16) Methylene chloride	2.53	84	2150	1.614	ug/L	89
35) Trichloroethene	5.66	95	2824	2.255	ug/L #	7
36) Methylcyclohexane	6.12	83	7783	3.878	ug/L #	18
40) 1,2-Dichloropropane	6.11	63	3780	3.178	ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	3240	3.243	ug/L #	81

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

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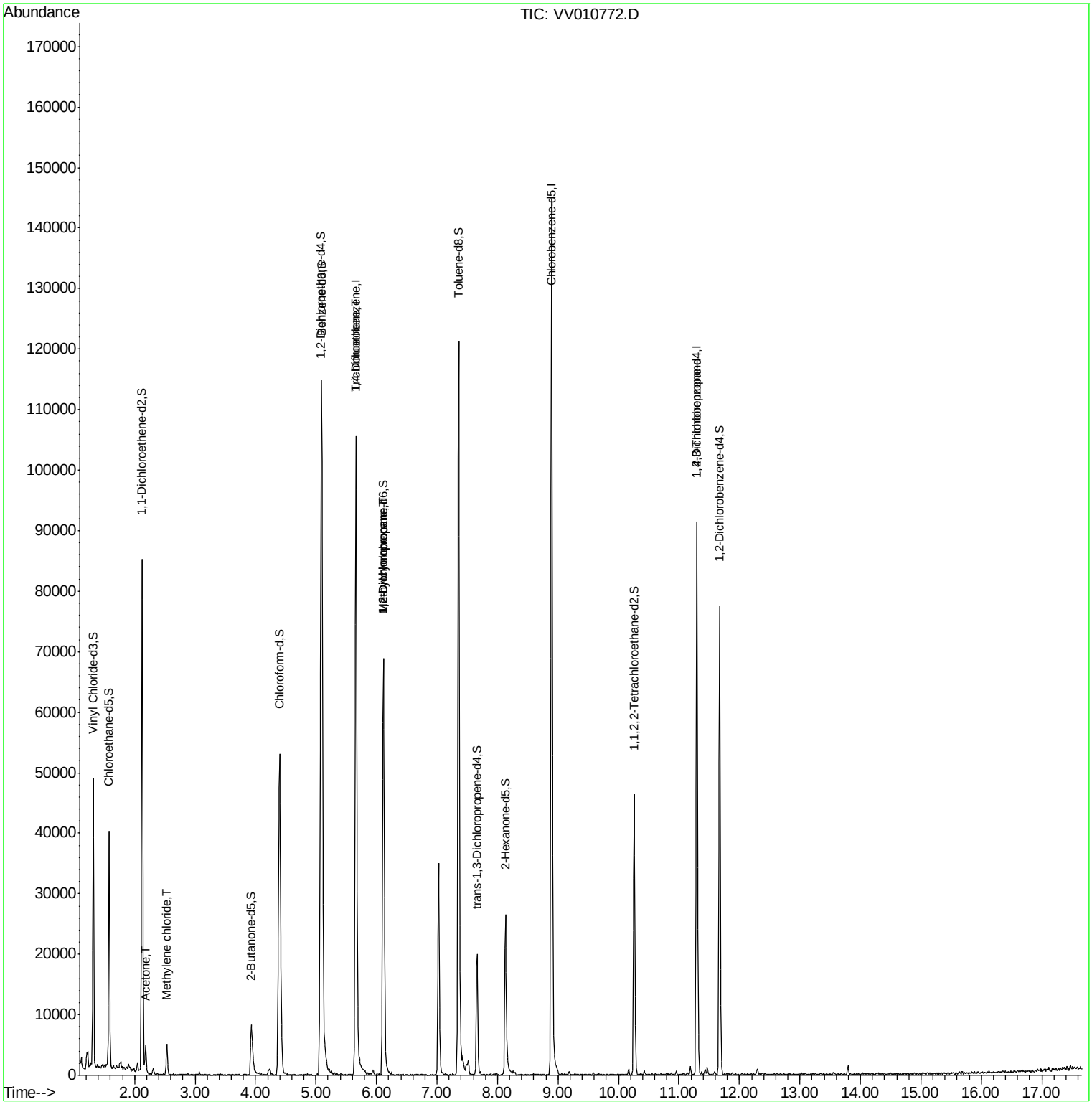
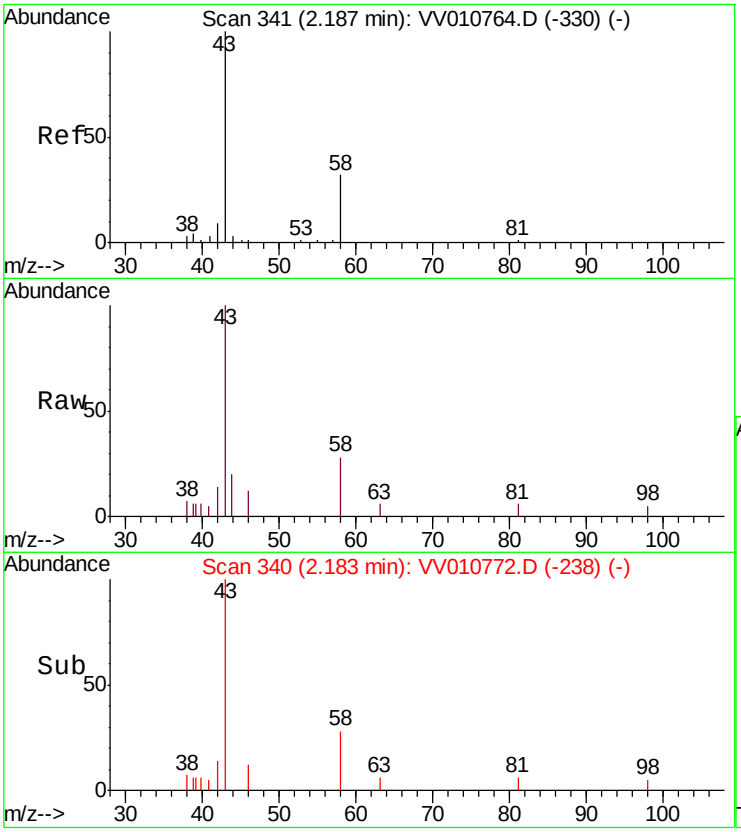
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration



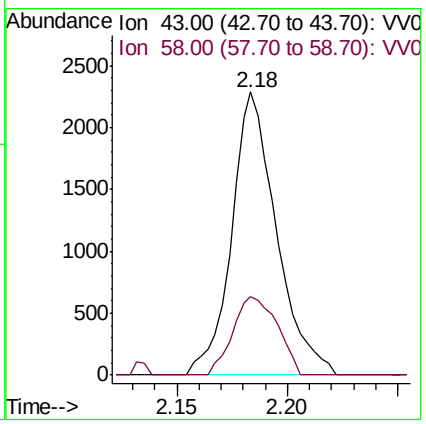


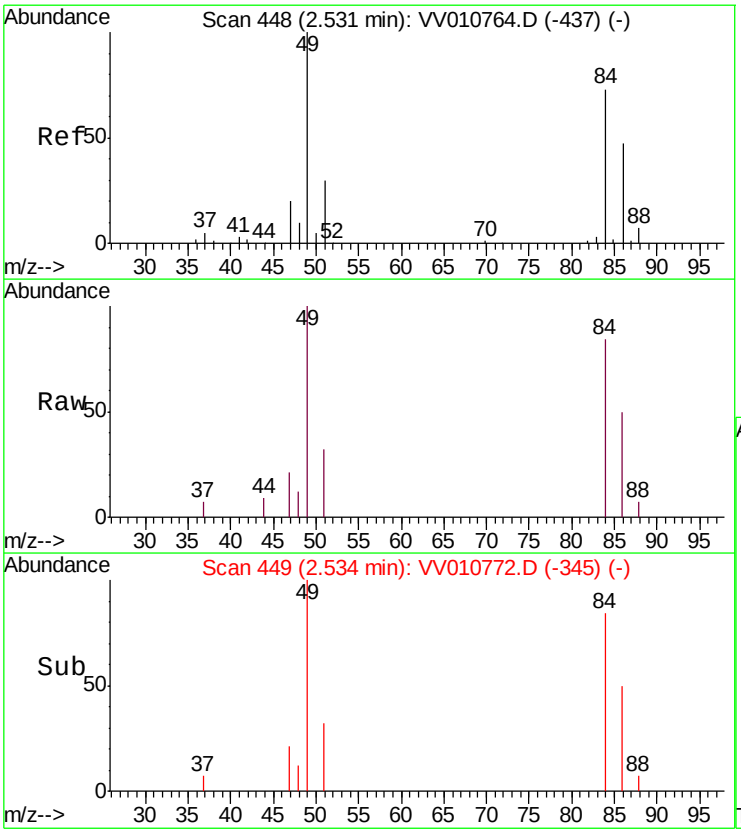
#13
Acetone
Concen: 5.202 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010772.D
Acq: 09 May 2019 17:35

Instrument :
MSVOA_V
ClientSampleId :
BFH62

Tgt Ion: 43 Resp: 3235

Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	63.4

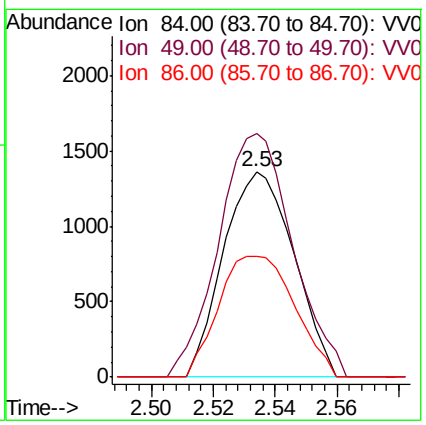


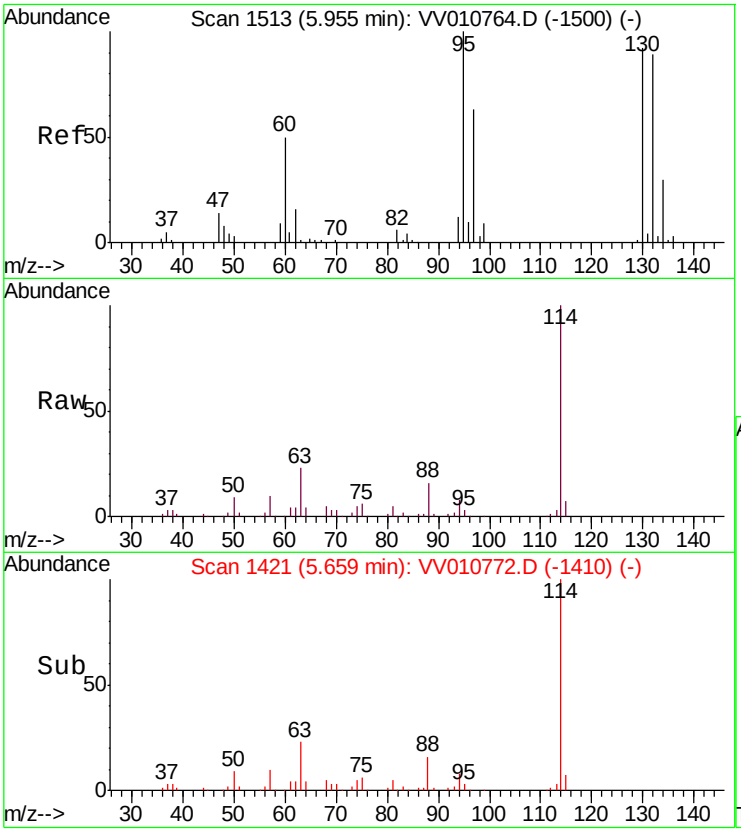


#16
Methylene chloride
Concen: 1.614 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010772.D
Acq: 09 May 2019 17:35

Tgt Ion: 84 Resp: 2150

Ion	Ratio	Lower	Upper
84	100		
49	118.5	92.9	172.5
86	58.8	46.5	86.5



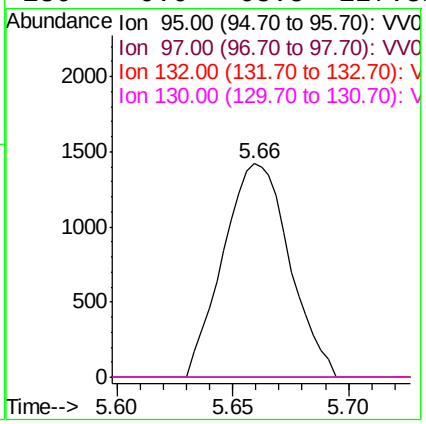


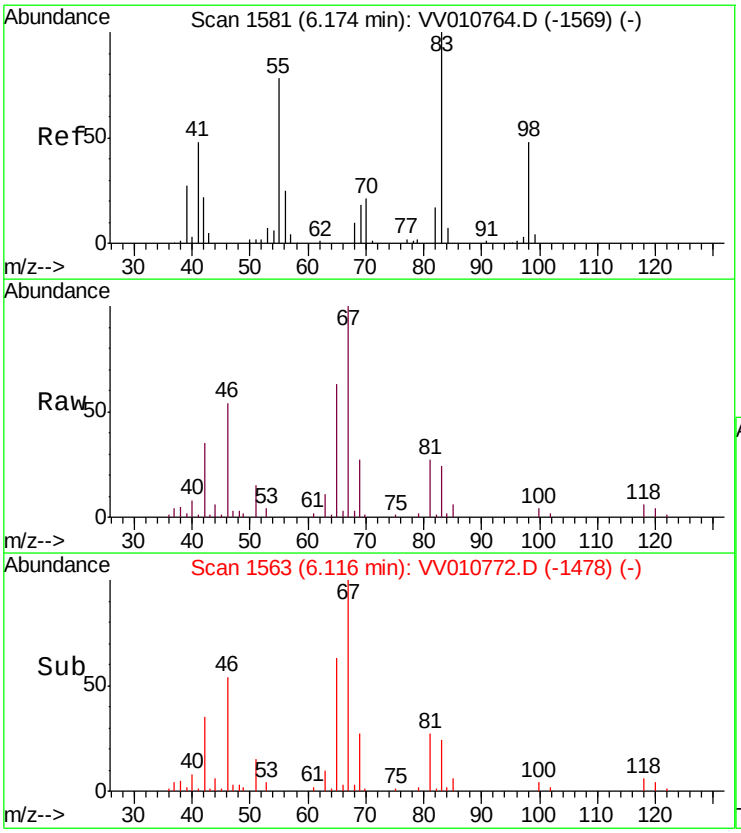
#35
Trichloroethene
Concen: 2.255 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010772.D
Acq: 09 May 2019 17:35

Instrument : MSVOA_V
ClientSampleId : BFH62

Tgt Ion: 95 Resp: 2824

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#

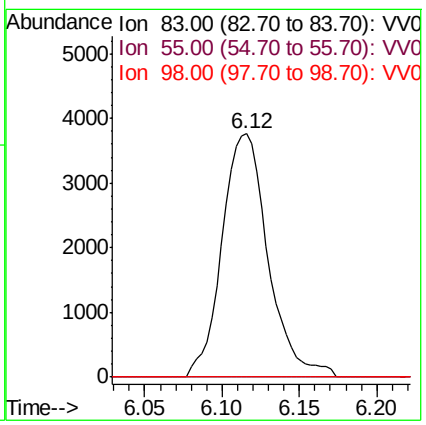


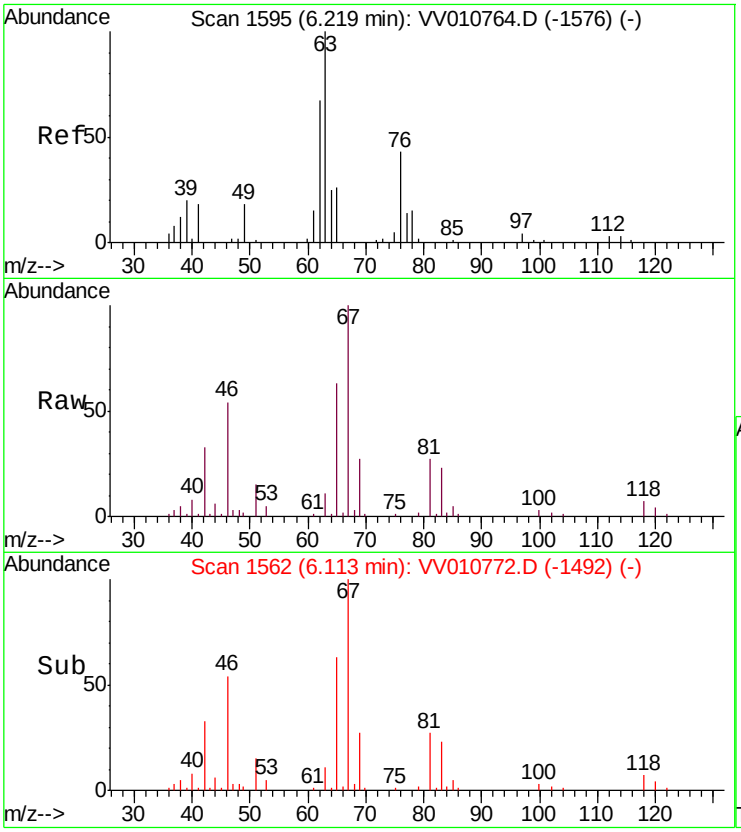


#36
Methylcyclohexane
Concen: 3.878 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010772.D
Acq: 09 May 2019 17:35

Tgt Ion: 83 Resp: 7783

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	96.8#
98	1.8	37.7	56.5#



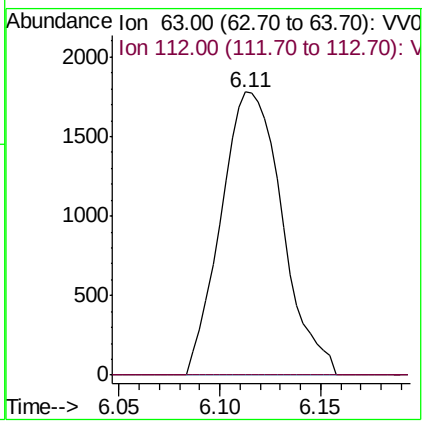


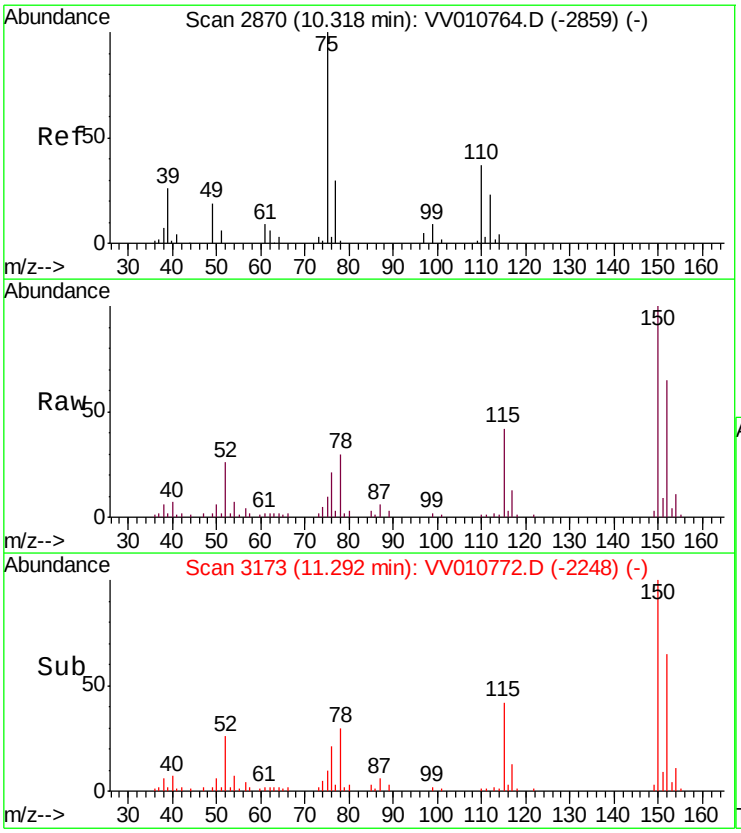
#40
1,2-Dichloropropane
Concen: 3.178 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010772.D
Acq: 09 May 2019 17:35

Instrument : MSVOA_V
ClientSampleId : BFH62

Tgt Ion: 63 Resp: 3780

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#59
1,2,3-Trichloropropane
Concen: 3.243 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010772.D
Acq: 09 May 2019 17:35

Tgt Ion: 75 Resp: 3240

Ion	Ratio	Lower	Upper
75	100		
77	21.0	25.0	37.6#