Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052219\

Quantitation Report (Not Reviewed)

Data File : VV011022.D
Acq On : 22 May 2019 17:03
Operator : SY/MD
Sample : K3006-08
Misc : 3.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHD0

Quant Time: May 23 08:05:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114495	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	109253	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40801	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20784	15.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.68%			
7) Chloroethane-d5	1.57	69	16929	19.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.64%			
10) 1,1-Dichloroethene-d2	2.12	63	31446	12.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.12%			
20) 2-Butanone-d5	3.94	46	20843	46.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.56%			
24) Chloroform-d	4.40	84	61486	20.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.92%			
26) 1,2-Dichloroethane-d4	5.08	65	36092	20.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.60%			
29) Benzene-d6	5.09	84	124210	20.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.32%			
33) 1,2-Dichloropropane-d6	6.12	67	42391	22.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.48%			
37) Toluene-d8	7.36	98	103935	18.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 74.96%			
38) trans-1,3-Dichloropropene-	7.66	79	13754	17.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.72%			
39) 2-Hexanone-d5	8.13	63	16230	45.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.84%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41037	21.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	38233	23.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.32%			

Target Compounds						Qvalue
13) Acetone	2.19	43	2082	4.794	ug/L	92
16) Methylene chloride	2.53	84	2752	1.401	ug/L	94
35) Trichloroethene	5.66	95	3165	1.819	ug/L #	5
36) Methylcyclohexane	6.12	83	10296	4.002	ug/L #	21
40) 1,2-Dichloropropane	6.11	63	4530	2.737	ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	4885	3.581	ug/L #	84

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

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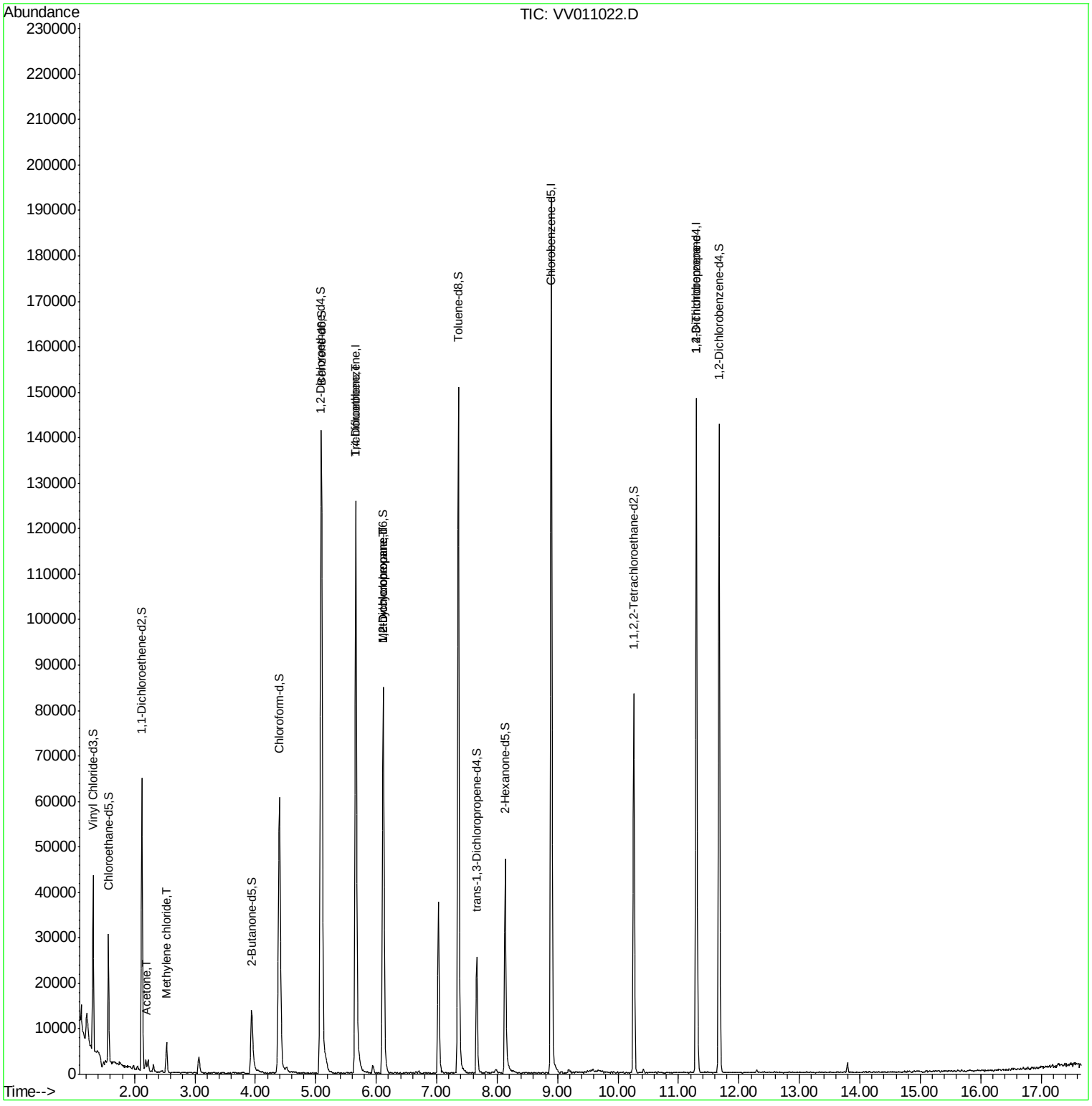
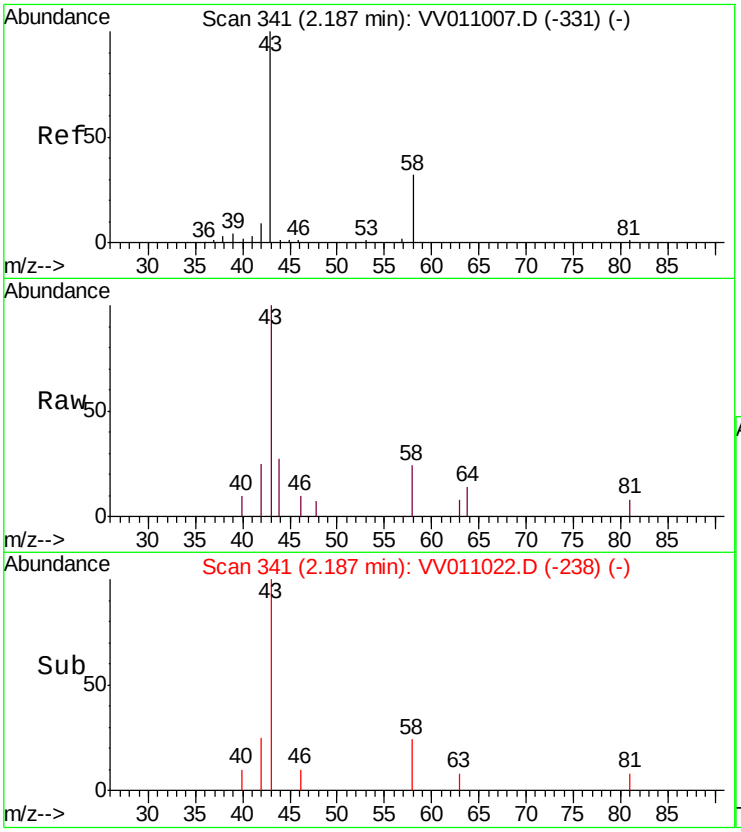
Quant Title : VOC Analysis
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration



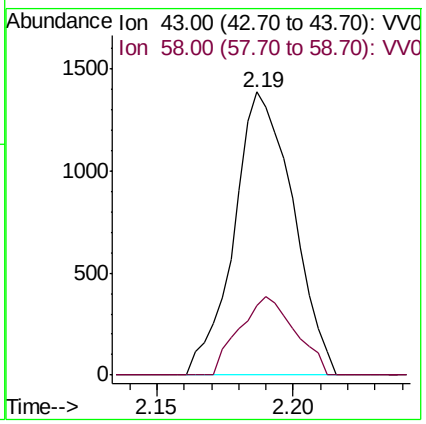


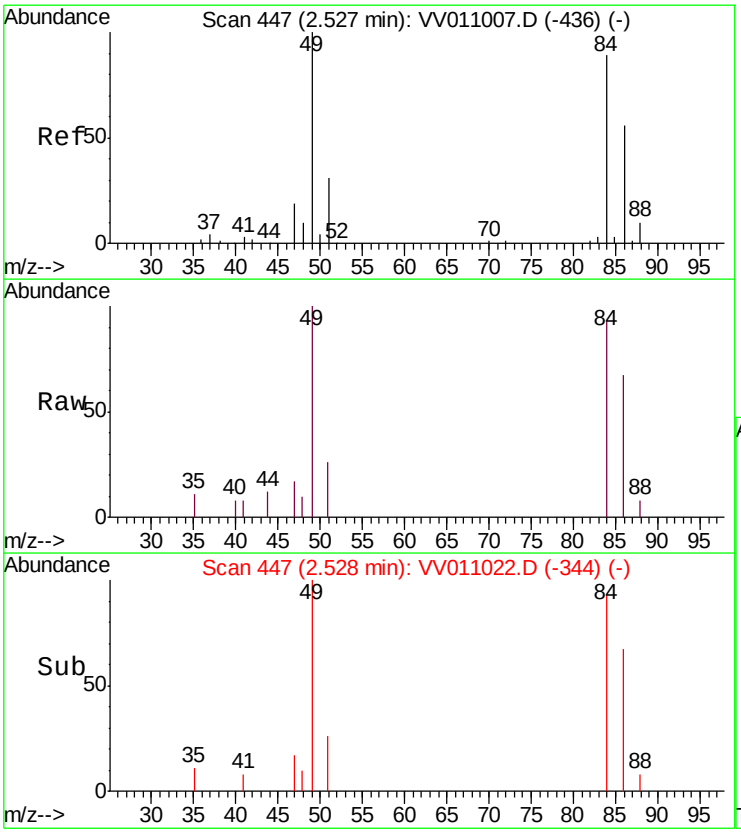
#13
Acetone
Concen: 4.794 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV011022.D
Acq: 22 May 2019 17:03

Instrument :
MSVOA_V
ClientSampleId :
BFHD0

Tgt Ion: 43 Resp: 2082

Ion	Ratio	Lower	Upper
43	100		
58	26.1	0.0	60.8

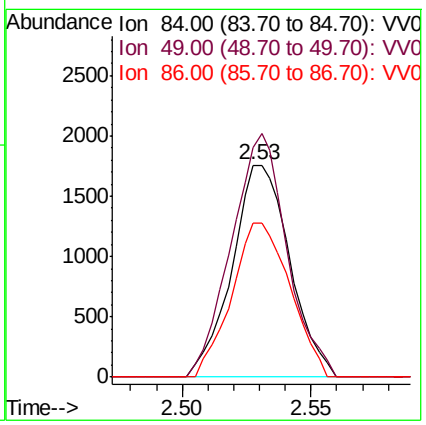


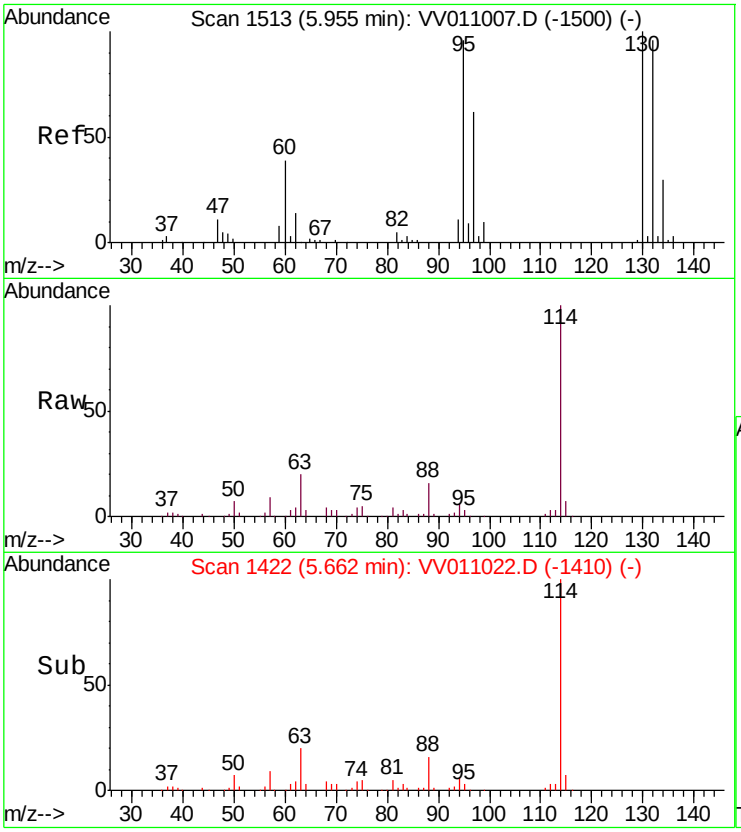


#16
Methylene chloride
Concen: 1.401 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV011022.D
Acq: 22 May 2019 17:03

Tgt Ion: 84 Resp: 2752

Ion	Ratio	Lower	Upper
84	100		
49	108.1	77.4	143.8
86	72.9	44.0	81.6



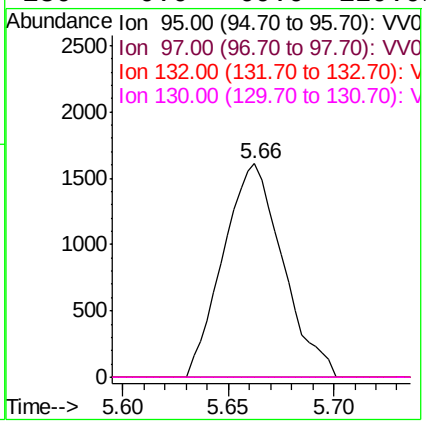


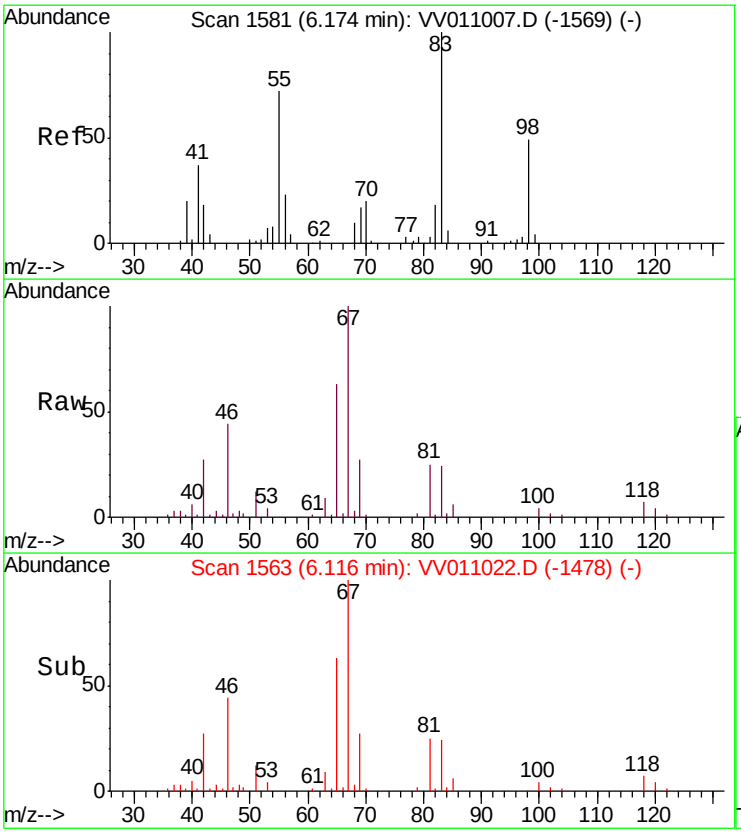
#35
Trichloroethene
Concen: 1.819 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV011022.D
Acq: 22 May 2019 17:03

Instrument :
MSVOA_V
ClientSampleId :
BFHD0

Tgt Ion: 95 Resp: 3165

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.4	80.6#
132	0.0	68.8	127.8#
130	0.0	69.9	129.9#

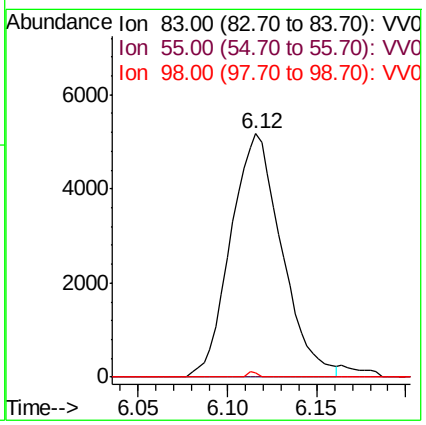


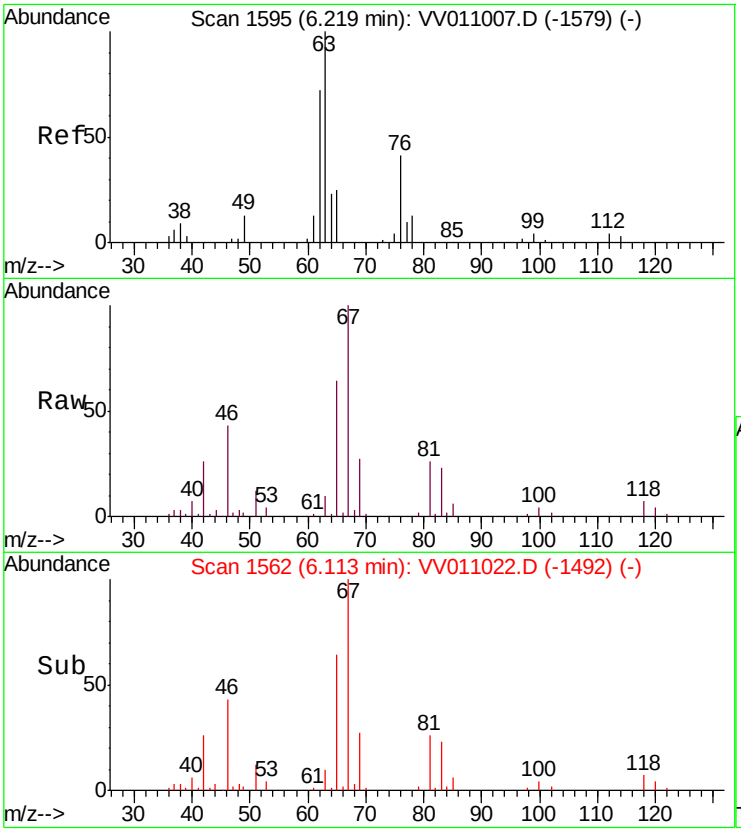


#36
Methylcyclohexane
Concen: 4.002 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011022.D
Acq: 22 May 2019 17:03

Tgt Ion: 83 Resp: 10296

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.0	85.4#
98	0.4	36.2	54.4#



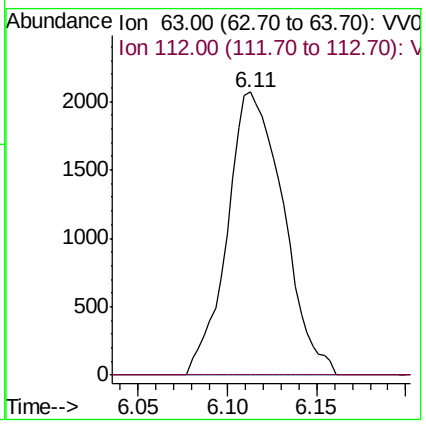


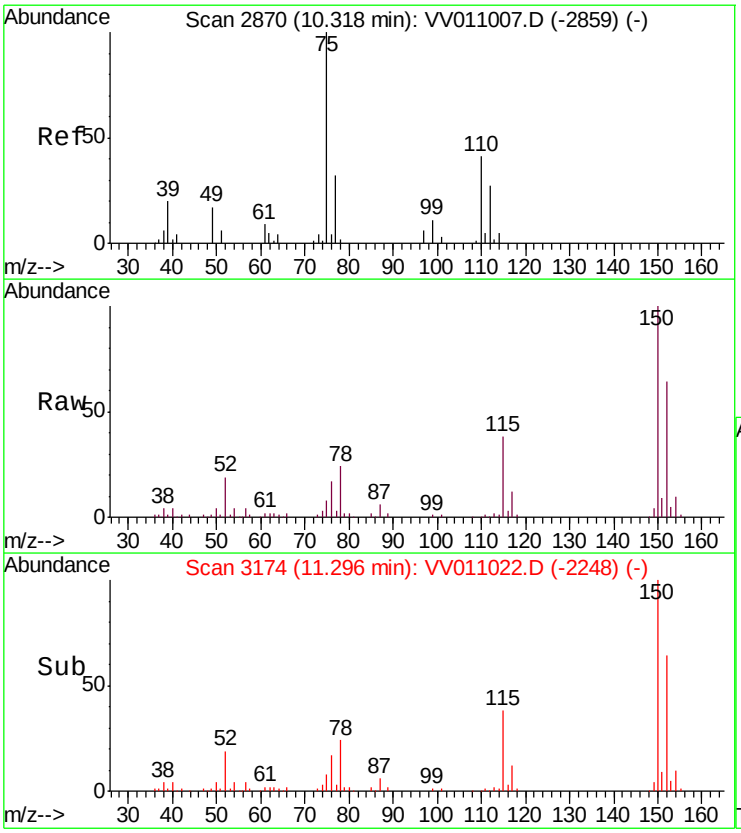
#40
1,2-Dichloropropane
Concen: 2.737 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011022.D
Acq: 22 May 2019 17:03

Instrument : MSVOA_V
ClientSampleId : BFHD0

Tgt Ion: 63 Resp: 4530

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 3.581 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV011022.D
Acq: 22 May 2019 17:03

Tgt Ion: 75 Resp: 4885

Ion	Ratio	Lower	Upper
75	100		
77	40.5	25.4	38.2#