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

Quantitation Report (Not Reviewed)

Data File : VV011018.D
Acq On : 22 May 2019 15:12
Operator : SY/MD
Sample : K3006-02
Misc : 5.55G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH88

Quant Time: May 23 08:04:55 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	5.67	114	31306	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	29395	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	10274	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	6257	17.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.12%			
7) Chloroethane-d5	1.58	69	5035	20.84	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.36%			
10) 1,1-Dichloroethene-d2	2.13	63	9796	14.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.08%			
20) 2-Butanone-d5	3.95	46	4951	40.20	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.40%			
24) Chloroform-d	4.41	84	16226	20.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.04%			
26) 1,2-Dichloroethane-d4	5.08	65	9229	19.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 77.24%			
29) Benzene-d6	5.10	84	33533	20.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.60%			
33) 1,2-Dichloropropane-d6	6.12	67	11125	21.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.28%			
37) Toluene-d8	7.36	98	27397	18.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.44%			
38) trans-1,3-Dichloropropene-	7.67	79	3430	16.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 65.52%			
39) 2-Hexanone-d5	8.14	63	3002	31.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.14%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	10947	21.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.00%			
61) 1,2-Dichlorobenzene-d4	11.68	152	8923	21.39	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.56%			

Target Compounds						Qvalue
13) Acetone	2.19	43	503	4.235	ug/L	80
16) Methylene chloride	2.53	84	772	1.437	ug/L	91
25) Chloroform	4.43	83	2718	2.895	ug/L	85
35) Trichloroethene	5.66	95	830	1.773	ug/L #	5
36) Methylcyclohexane	6.12	83	2664	3.849	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	1134	2.546	ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	1295	3.528	ug/L #	80

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

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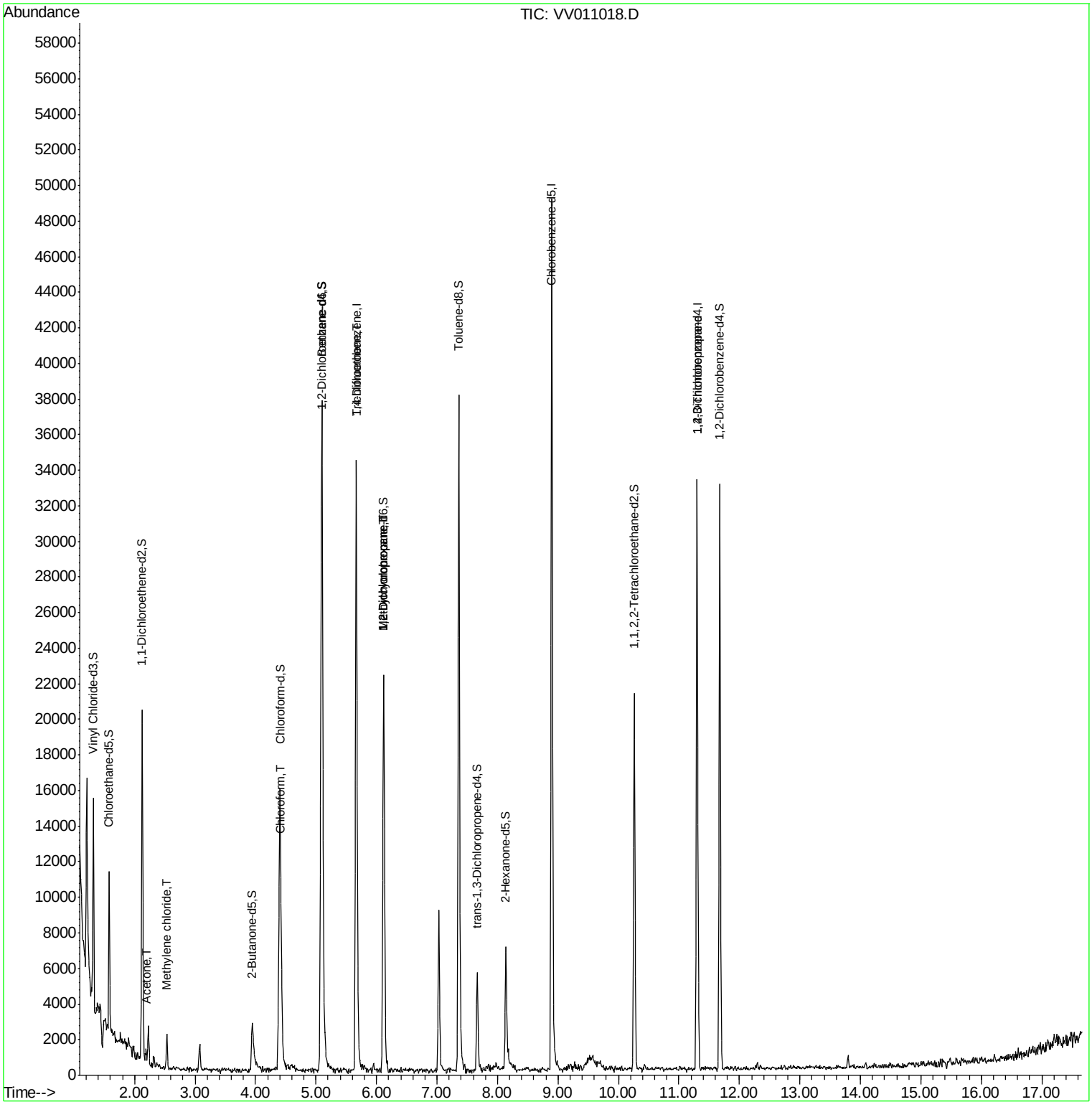
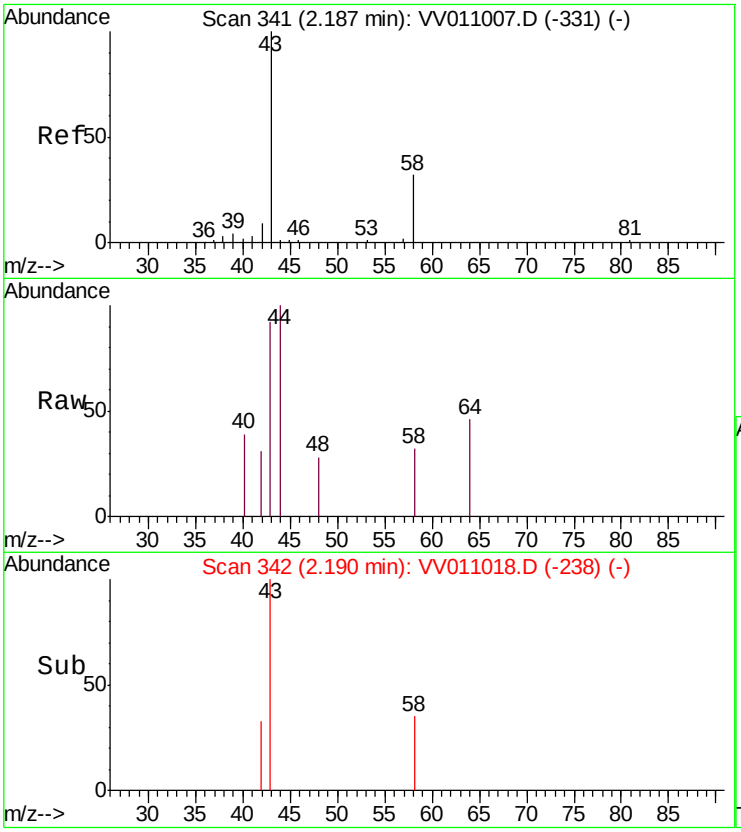
Quant Title : VOC Analysis
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration



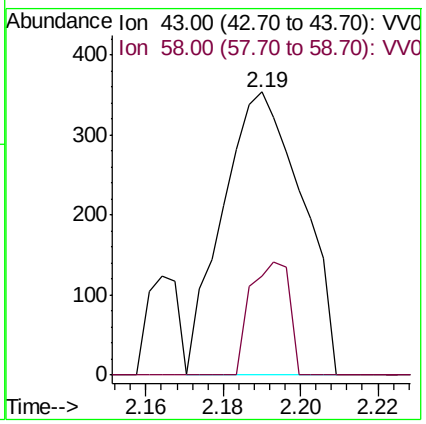


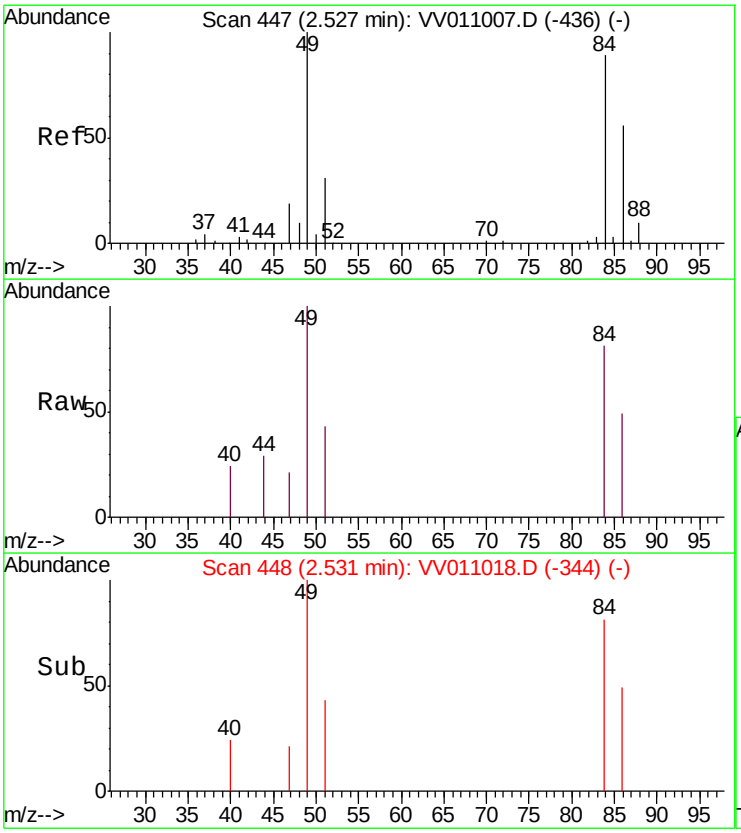
#13
Acetone
Concen: 4.235 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV011018.D
Acq: 22 May 2019 15:12

Instrument :
MSVOA_V
ClientSampleId :
BFH88

Tgt Ion: 43 Resp: 503

Ion	Ratio	Lower	Upper
43	100		
58	19.7	0.0	60.8

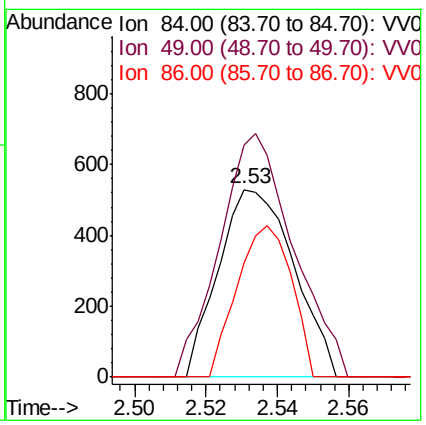


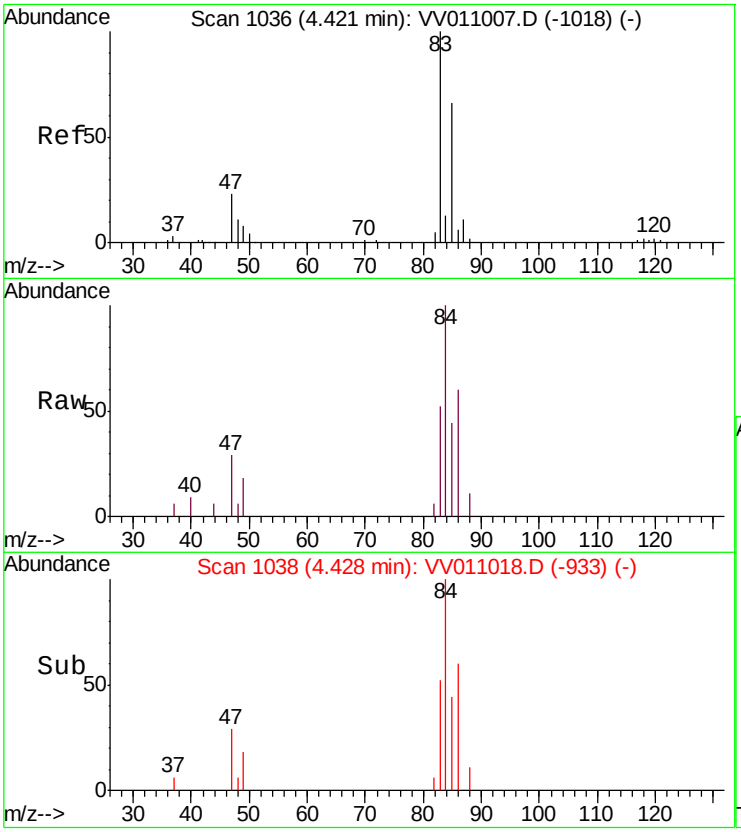


#16
Methylene chloride
Concen: 1.437 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011018.D
Acq: 22 May 2019 15:12

Tgt Ion: 84 Resp: 772

Ion	Ratio	Lower	Upper
84	100		
49	123.6	77.4	143.8
86	60.8	44.0	81.6



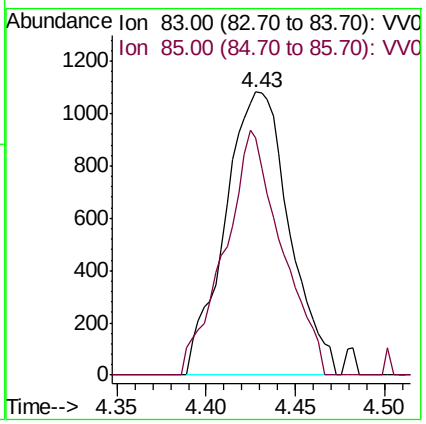


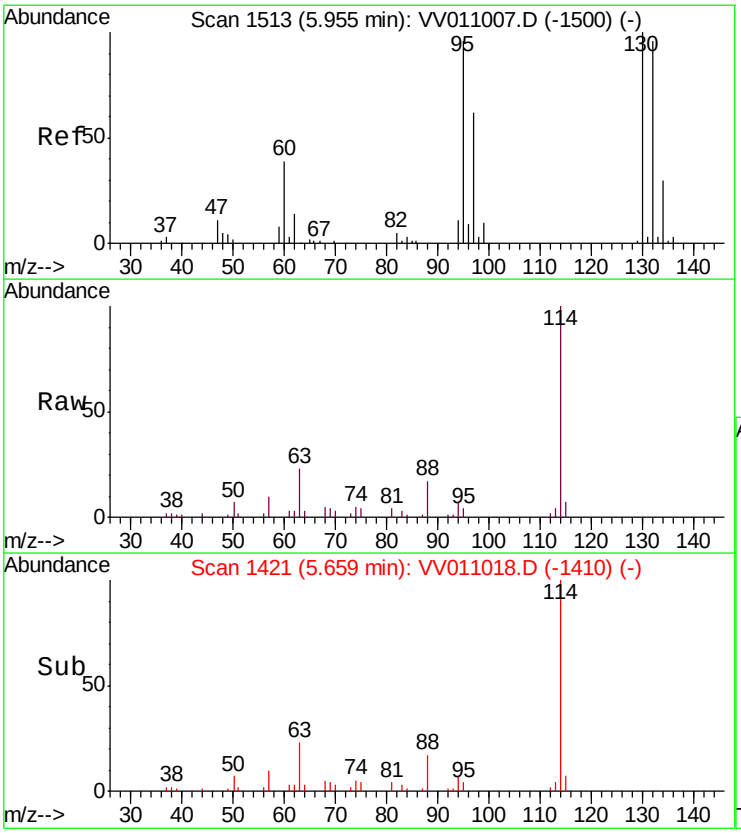
#25
Chloroform
Concen: 2.895 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV011018.D
Acq: 22 May 2019 15:12

Instrument :
MSVOA_V
ClientSampleId :
BFH88

Tgt Ion: 83 Resp: 2718

Ion	Ratio	Lower	Upper
83	100		
85	76.7	45.6	84.8

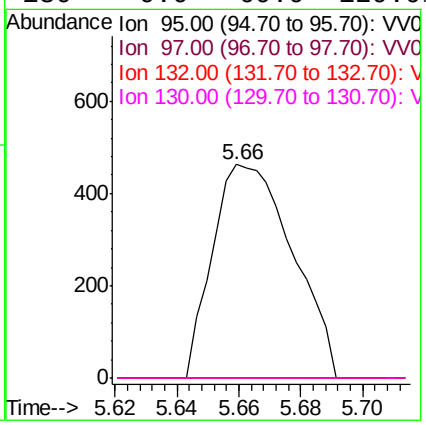


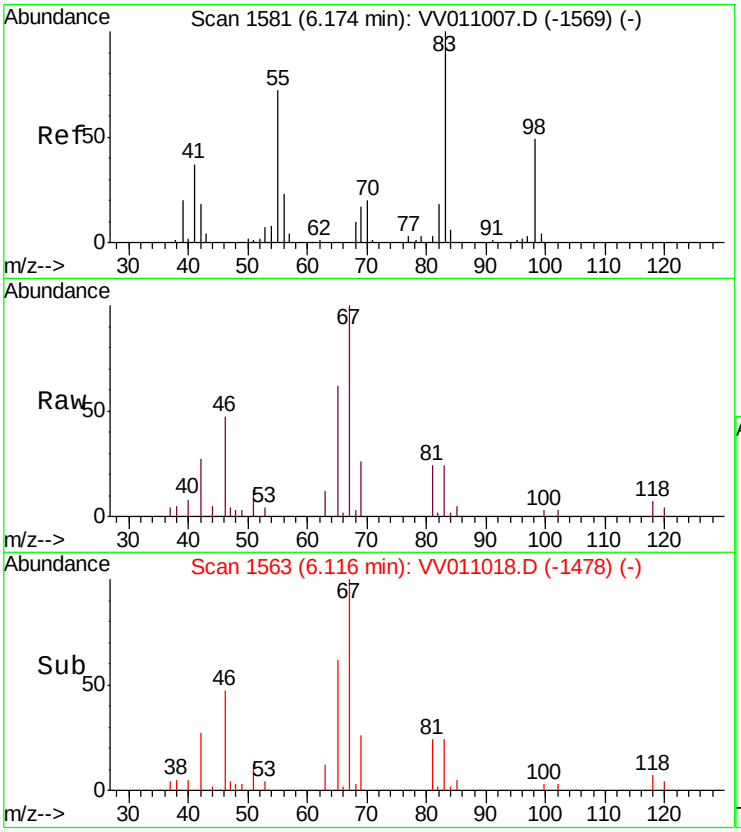


#35
Trichloroethene
Concen: 1.773 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV011018.D
Acq: 22 May 2019 15:12

Tgt Ion: 95 Resp: 830

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#



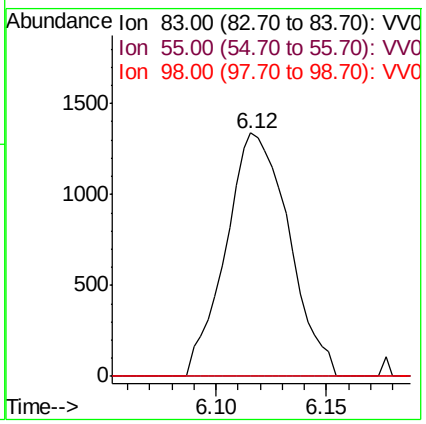


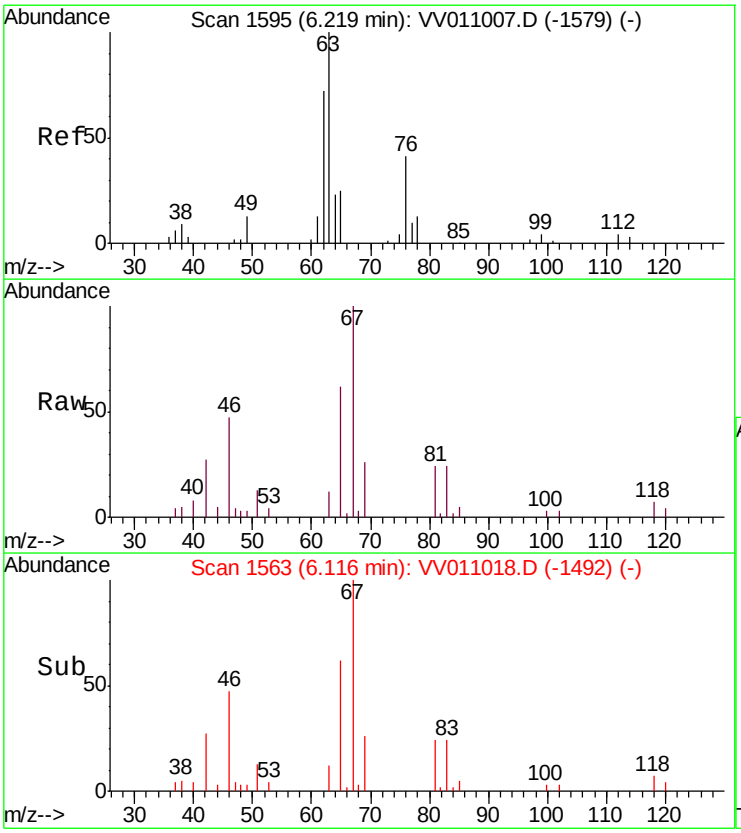
#36
Methylcyclohexane
Concen: 3.849 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011018.D
Acq: 22 May 2019 15:12

Instrument : MSVOA_V
ClientSampleId : BFH88

Tgt Ion: 83 Resp: 2664

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

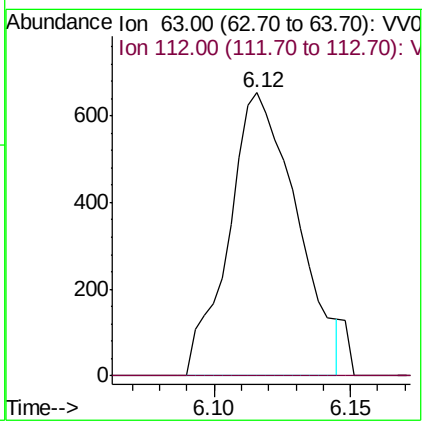


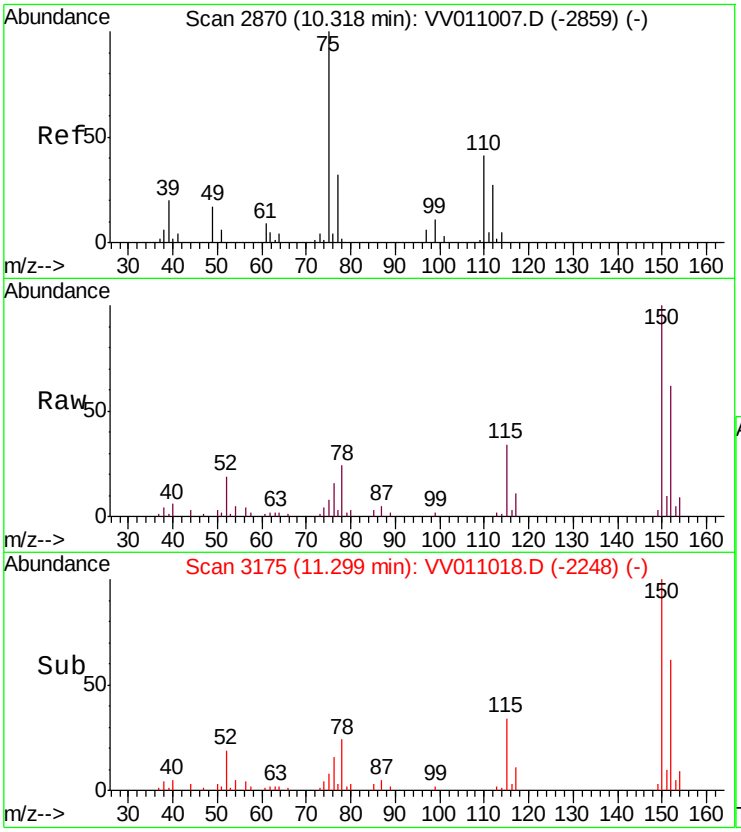


#40
1,2-Dichloropropane
Concen: 2.546 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011018.D
Acq: 22 May 2019 15:12

Tgt Ion: 63 Resp: 1134

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 3.528 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV011018.D
Acq: 22 May 2019 15:12

Instrument :
MSVOA_V
ClientSampleId :
BFH88

Tgt Ion: 75 Resp: 1295

Ion	Ratio	Lower	Upper
75	100		
77	20.6	25.4	38.2#