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

Quantitation Report (Not Reviewed)

Data File : VV011010.D
Acq On : 22 May 2019 11:29
Operator : SY/MD
Sample : K2948-15
Misc : 4.95G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH94

Quant Time: May 23 08:03:48 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	146518	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52336	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27167	16.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.04%			
7) Chloroethane-d5	1.57	69	22527	19.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.68%			
10) 1,1-Dichloroethene-d2	2.12	63	41049	12.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 51.12%			
20) 2-Butanone-d5	3.94	46	21418	37.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.32%			
24) Chloroform-d	4.40	84	74743	19.69	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.76%			
26) 1,2-Dichloroethane-d4	5.08	65	41788	18.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 74.72%			
29) Benzene-d6	5.09	84	153868	20.07	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.28%			
33) 1,2-Dichloropropane-d6	6.11	67	50677	20.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.20%			
37) Toluene-d8	7.36	98	136379	19.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.52%			
38) trans-1,3-Dichloropropene-	7.66	79	16265	16.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 65.04%			
39) 2-Hexanone-d5	8.13	63	16632	36.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.22%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43489	17.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 71.52%			
61) 1,2-Dichlorobenzene-d4	11.67	152	43184	20.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.28%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3603	6.482	ug/L	91
14) Carbon disulfide	2.31	76	4627	1.069	ug/L #	89
25) Chloroform	4.42	83	5406	1.230	ug/L	86
35) Trichloroethene	5.66	95	3728	1.667	ug/L #	5
36) Methylcyclohexane	6.11	83	11876	3.591	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	5399	2.538	ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	6412	3.657	ug/L	93

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

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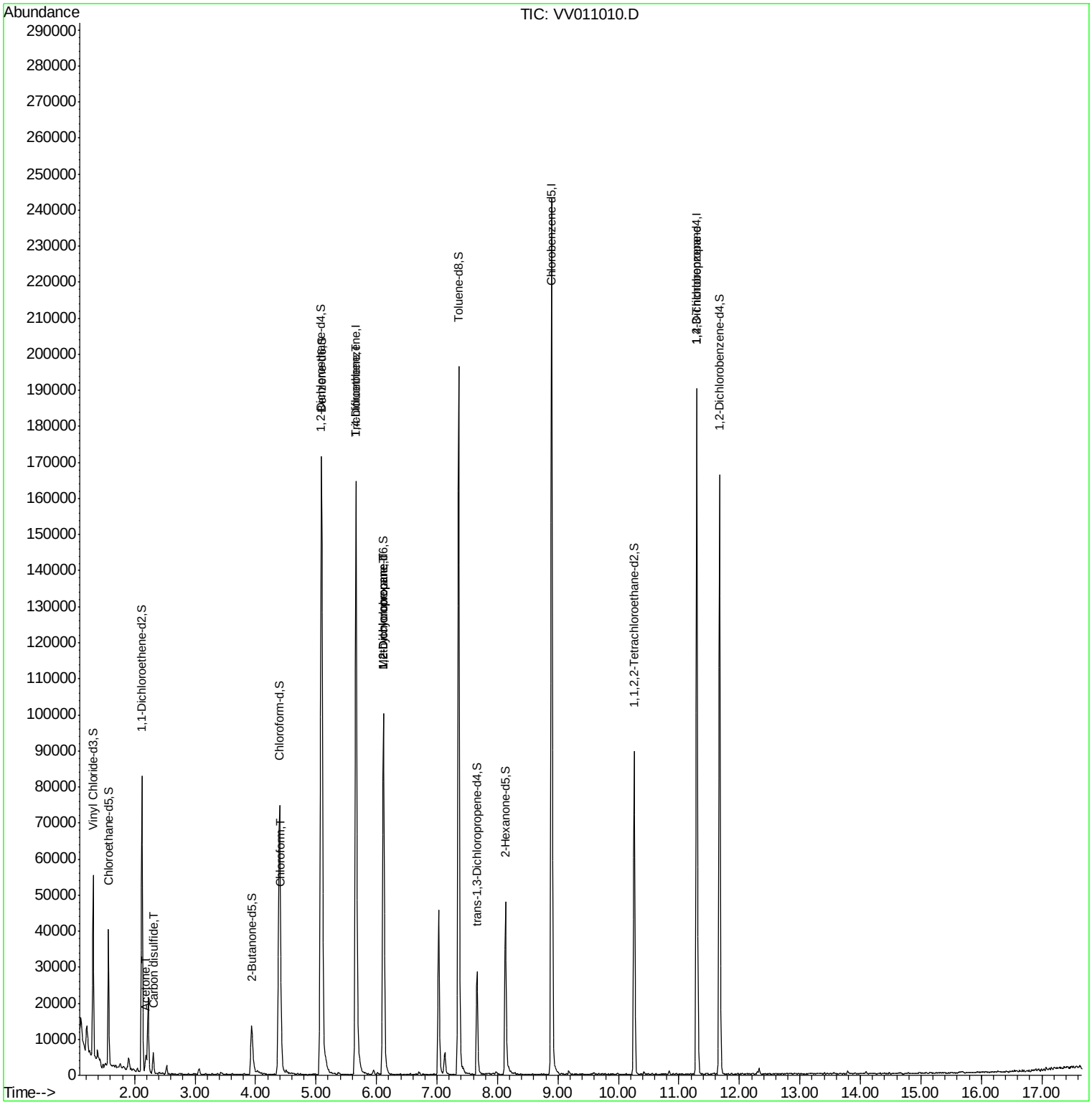
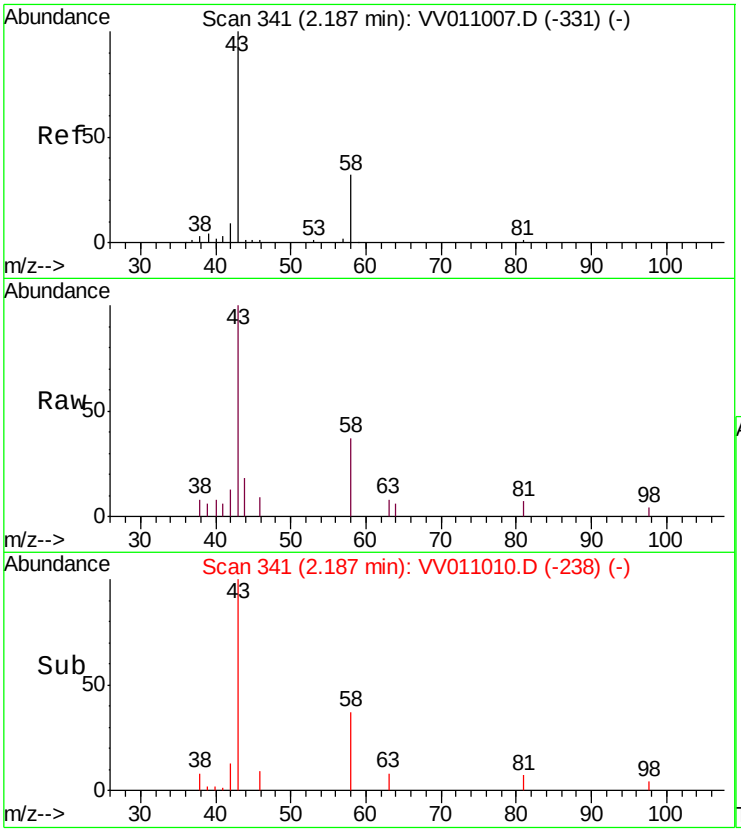
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration



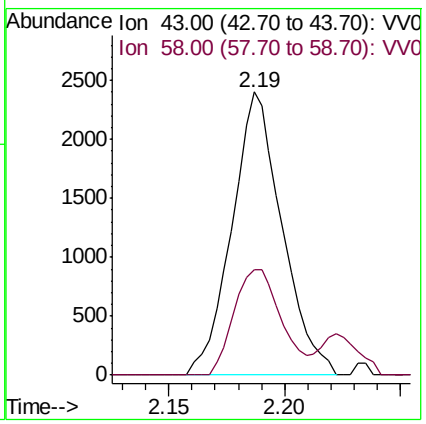


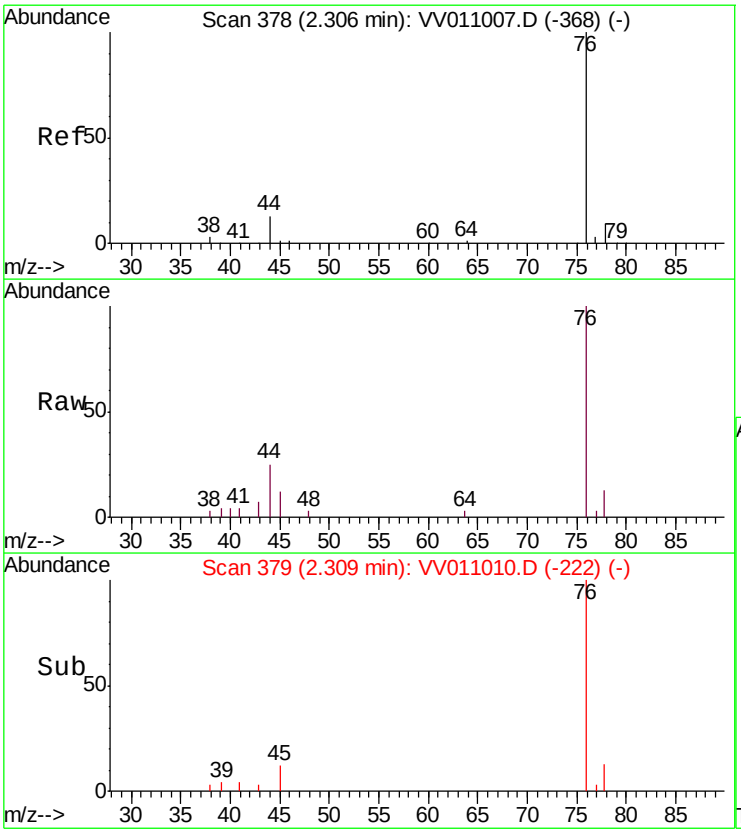
#13
Acetone
Concen: 6.482 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV011010.D
Acq: 22 May 2019 11:29

Instrument :
MSVOA_V
ClientSampleId :
BFH94

Tgt Ion: 43 Resp: 3603

Ion	Ratio	Lower	Upper
43	100		
58	35.2	0.0	60.8

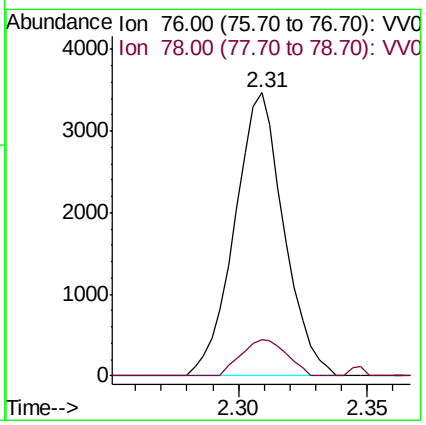


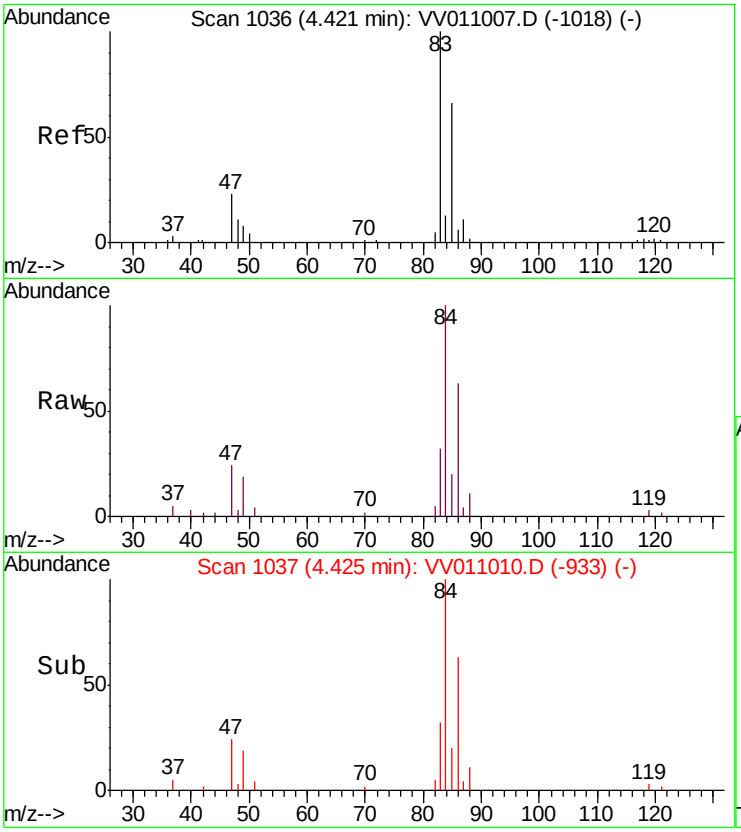


#14
Carbon disulfide
Concen: 1.069 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV011010.D
Acq: 22 May 2019 11:29

Tgt Ion: 76 Resp: 4627

Ion	Ratio	Lower	Upper
76	100		
78	12.9	7.2	10.8#



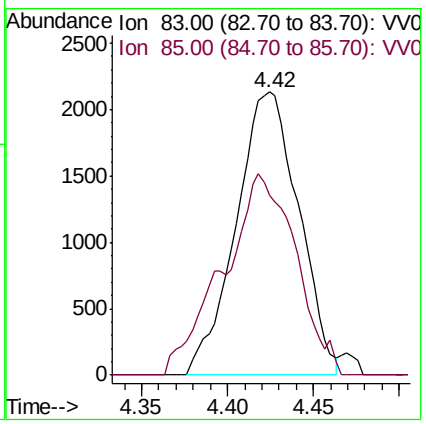


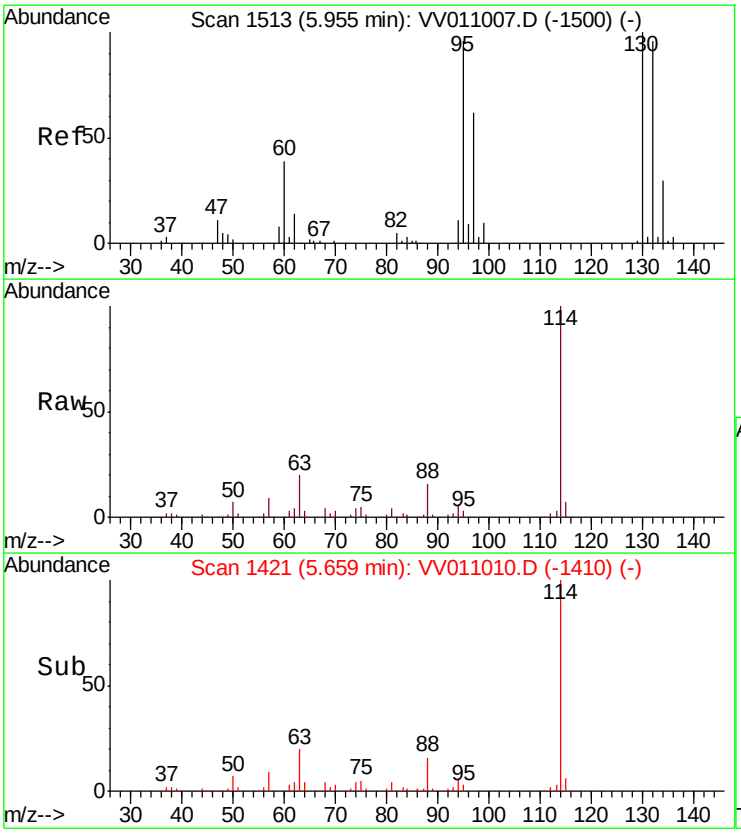
#25
Chloroform
Concen: 1.230 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011010.D
Acq: 22 May 2019 11:29

Instrument :
MSVOA_V
ClientSampleId :
BFH94

Tgt Ion: 83 Resp: 5406

Ion	Ratio	Lower	Upper
83	100		
85	54.1	45.6	84.8

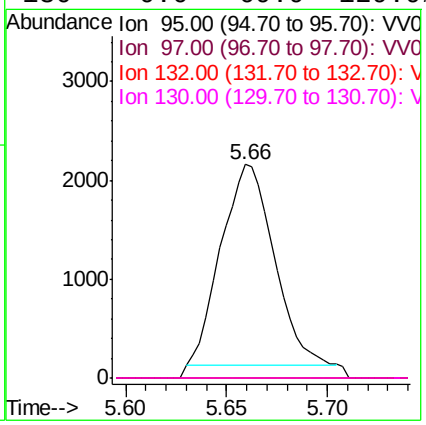


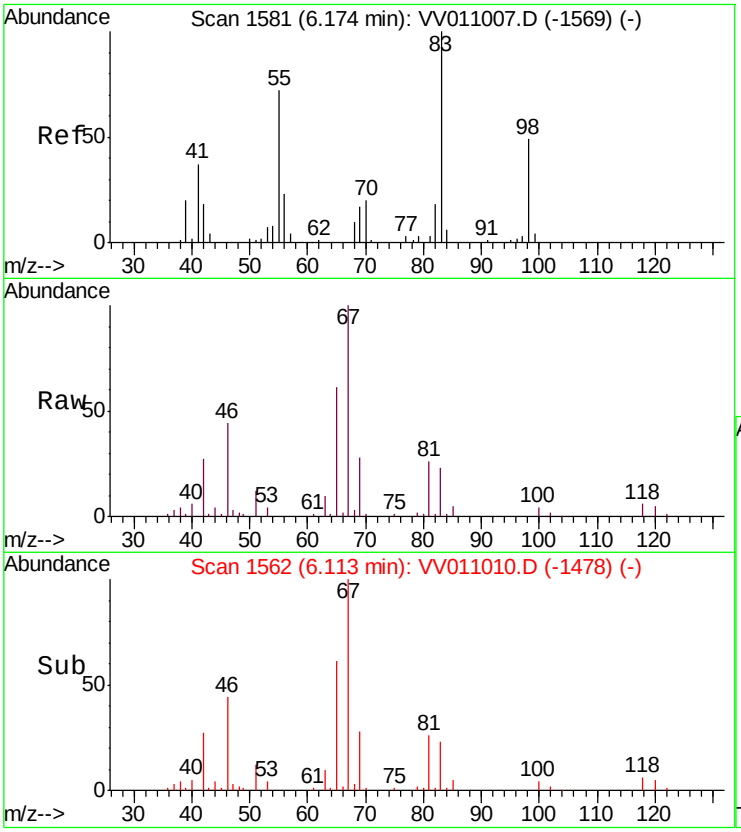


#35
Trichloroethene
Concen: 1.667 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV011010.D
Acq: 22 May 2019 11:29

Tgt Ion: 95 Resp: 3728

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#



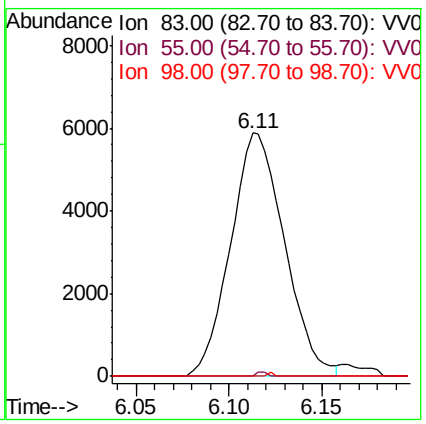


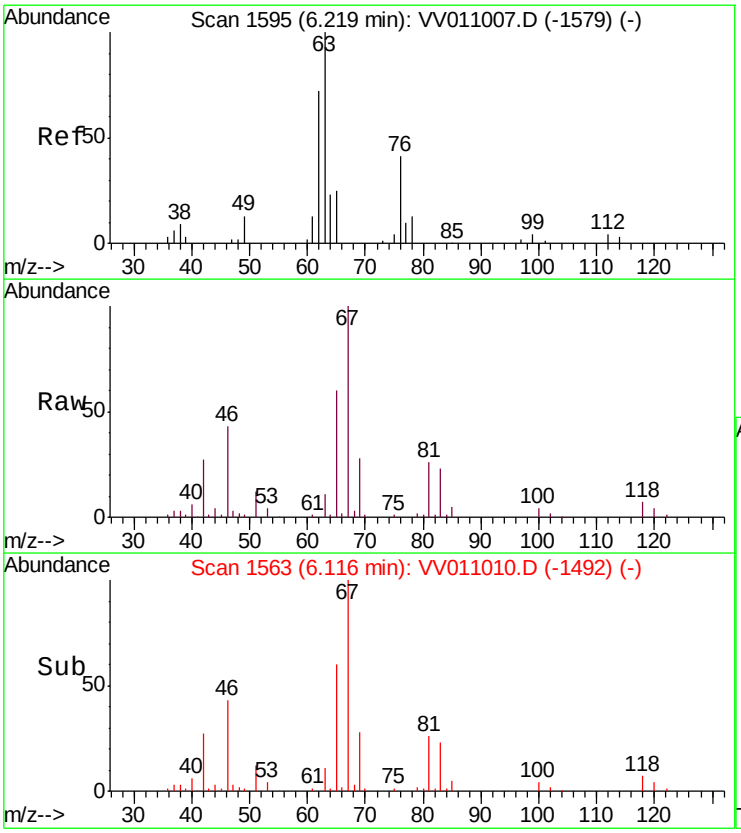
#36
Methylcyclohexane
Concen: 3.591 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011010.D
Acq: 22 May 2019 11:29

Instrument :
MSVOA_V
ClientSampleId :
BFH94

Tgt Ion: 83 Resp: 11876

Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.0	85.4#
98	0.7	36.2	54.4#

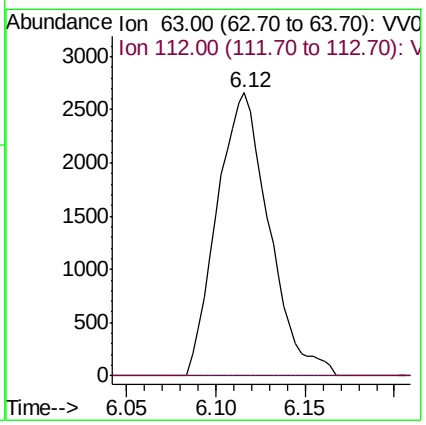


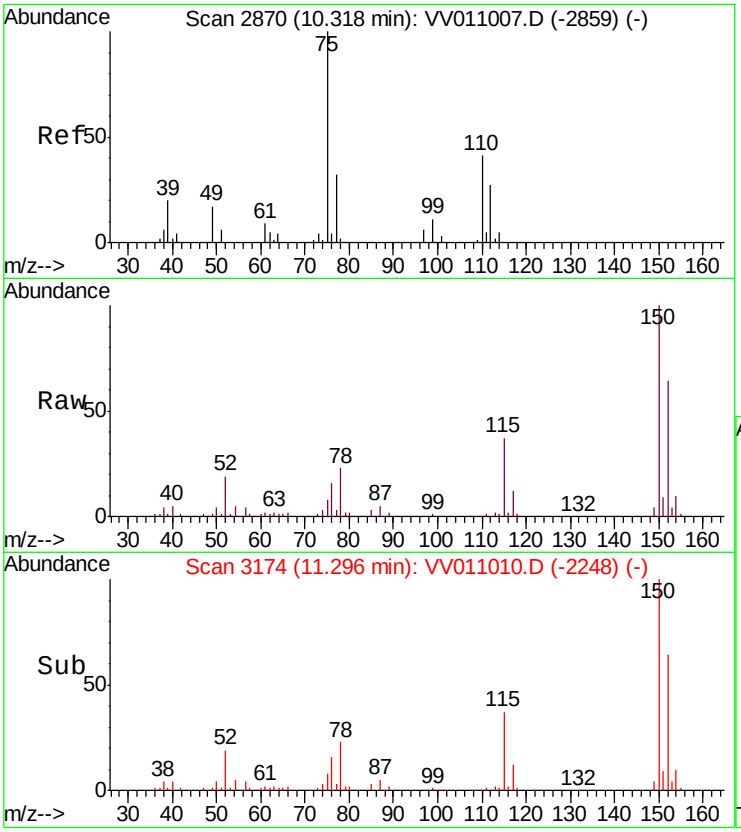


#40
1,2-Dichloropropane
Concen: 2.538 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011010.D
Acq: 22 May 2019 11:29

Tgt Ion: 63 Resp: 5399

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 3.657 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV011010.D
Acq: 22 May 2019 11:29

Instrument :
MSVOA_V
ClientSampleId :
BFH94

Tgt Ion: 75 Resp: 6412

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.4	38.2