Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010923.D
Acq On : 16 May 2019 05:40
Operator : SY/MD
Sample : VV0514SBL05
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK93

Quant Time: May 16 09:27:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 09:24:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	141242	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135788	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52232	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	43580	24.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.88%			
7) Chloroethane-d5	1.55	69	32028	27.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.24%			
10) 1,1-Dichloroethene-d2	2.11	63	63621	18.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.72%			
20) 2-Butanone-d5	3.93	46	36649	64.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.48%			
24) Chloroform-d	4.39	84	96521	23.67	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.68%			
26) 1,2-Dichloroethane-d4	5.07	65	61123	26.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.44%			
29) Benzene-d6	5.09	84	207307	27.58	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.32%			
33) 1,2-Dichloropropane-d6	6.11	67	67716	28.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.96%			
37) Toluene-d8	7.36	98	183748	25.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.76%			
38) trans-1,3-Dichloropropene-	7.66	79	25302	24.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.76%			
39) 2-Hexanone-d5	8.13	63	23004	50.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.26%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58921	26.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.96%			
61) 1,2-Dichlorobenzene-d4	11.67	152	57717	26.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
6) Bromomethane	1.50	94	443	0.945	ug/L	100
13) Acetone	2.18	43	885	1.535	ug/L	82
25) Chloroform	4.42	83	5839	1.434	ug/L	100
36) Methylcyclohexane	6.11	83	15121	5.297	ug/L #	19
40) 1,2-Dichloropropane	6.11	63	7318	3.395	ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	6788	4.086	ug/L	99

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

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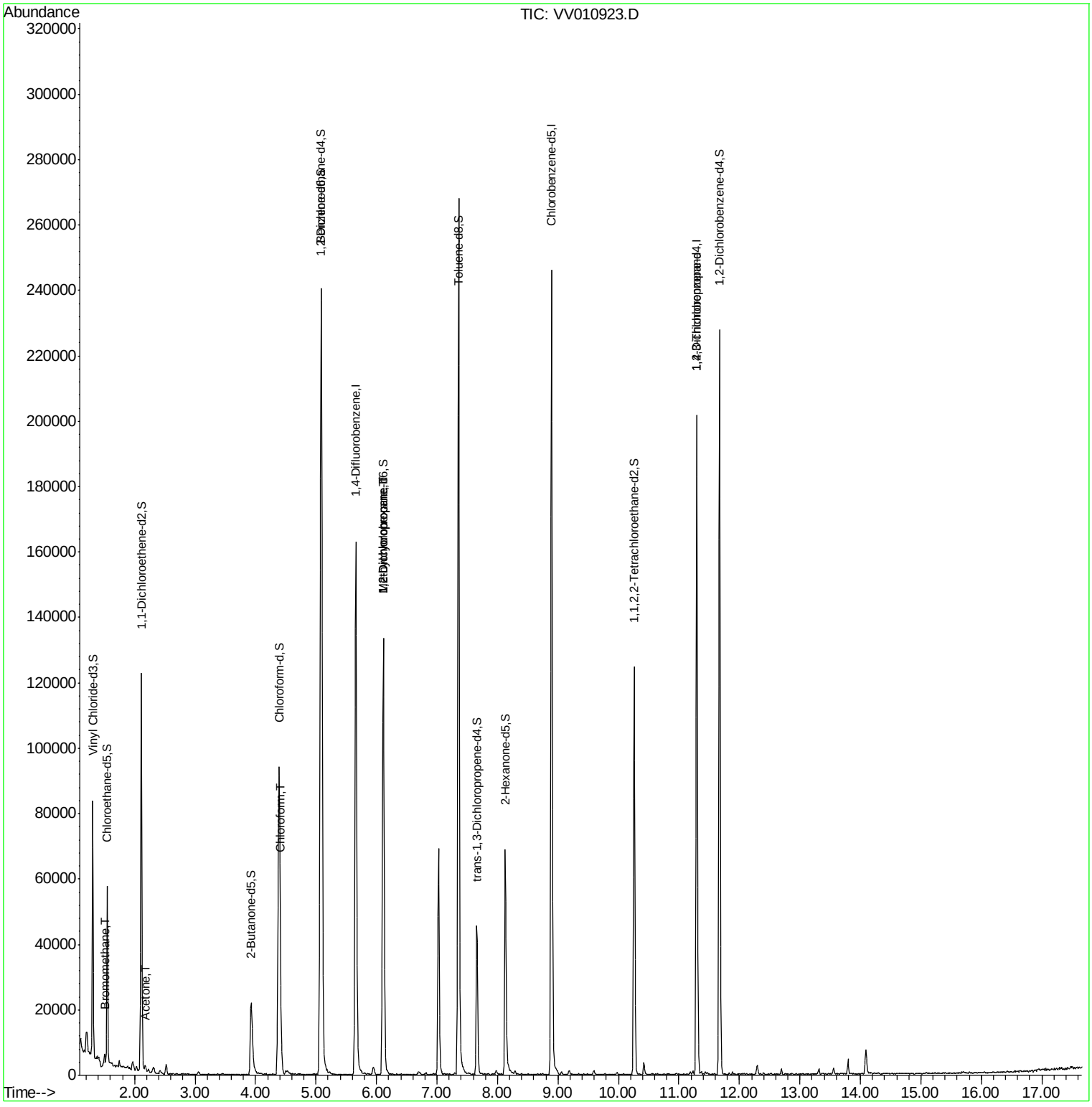
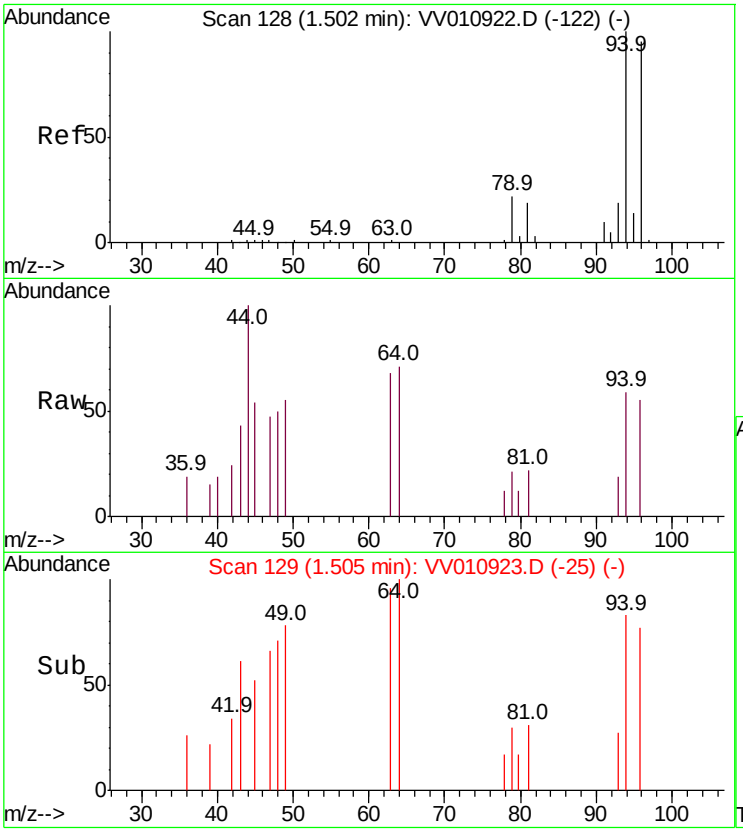
Data File : VV010923.D
Acq On : 16 May 2019 05:40
Operator : SY/MD
Sample : VV0514SBL05
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK93

Quant Time: May 16 09:27:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 09:24:42 2019
Response via : Initial Calibration



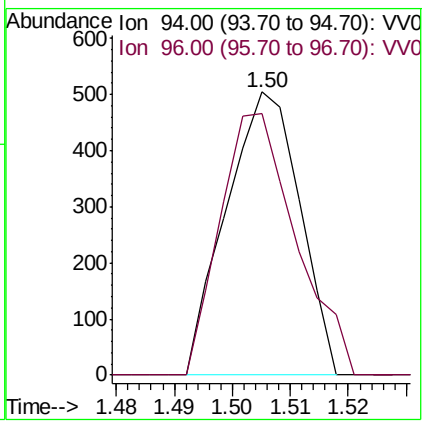


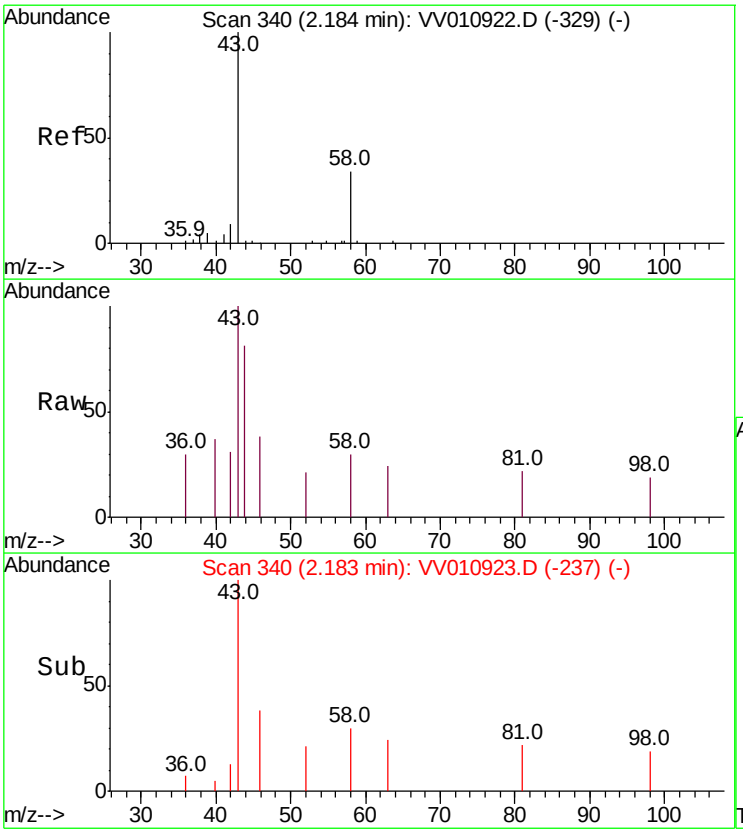
#6
Bromomethane
Concen: 0.945 ug/L
RT: 1.50 min Scan# 129
Delta R.T. 0.00 min
Lab File: VV010923.D
Acq: 16 May 2019 05:40

Instrument :
MSVOA_V
ClientSampleId :
VBLK93

Tgt Ion: 94 Resp: 443

Ion	Ratio	Lower	Upper
94	100		
96	95.7	9.6	181.6

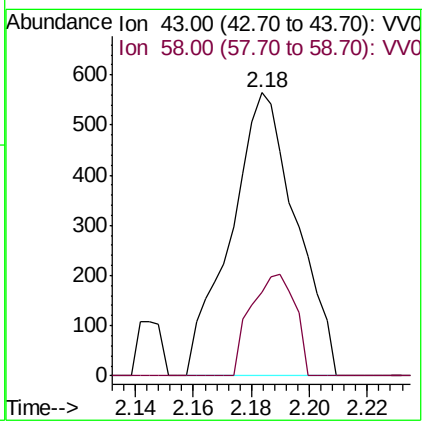


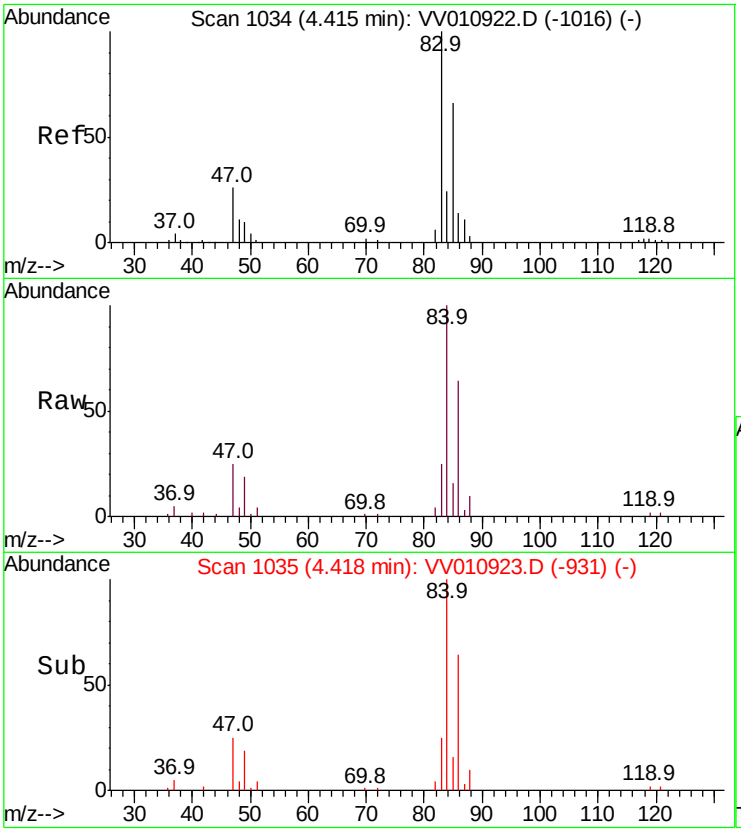


#13
Acetone
Concen: 1.535 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010923.D
Acq: 16 May 2019 05:40

Tgt Ion: 43 Resp: 885

Ion	Ratio	Lower	Upper
43	100		
58	24.4	0.0	69.2



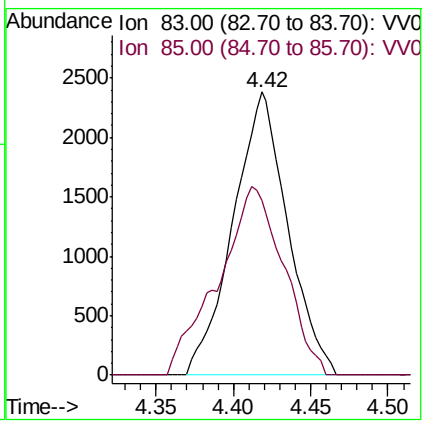


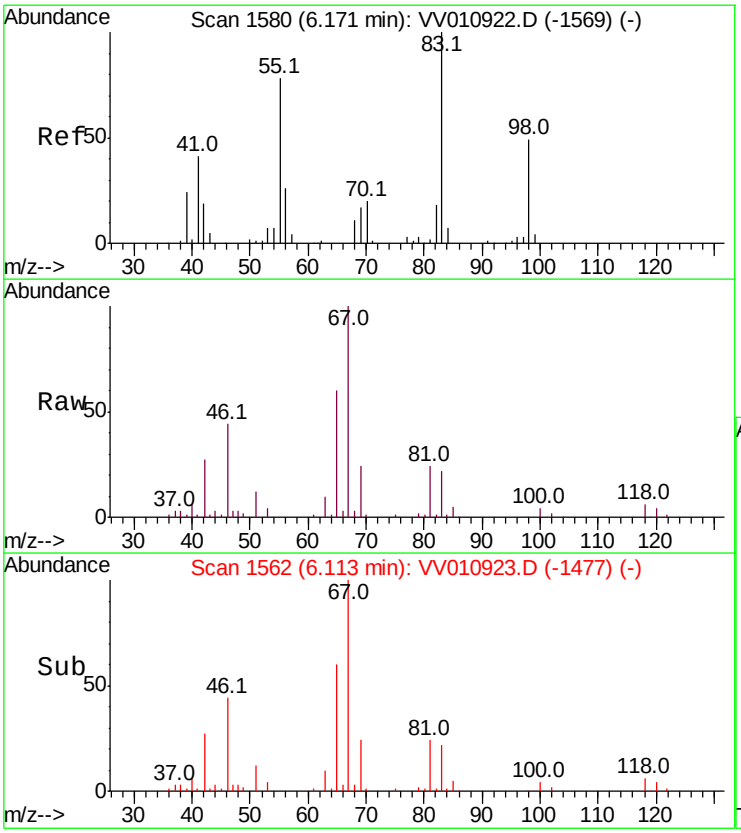
#25
Chloroform
Concen: 1.434 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VV010923.D
Acq: 16 May 2019 05:40

Instrument : MSVOA_V
ClientSampleId : VBLK93

Tgt Ion: 83 Resp: 5839

Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.3	84.1

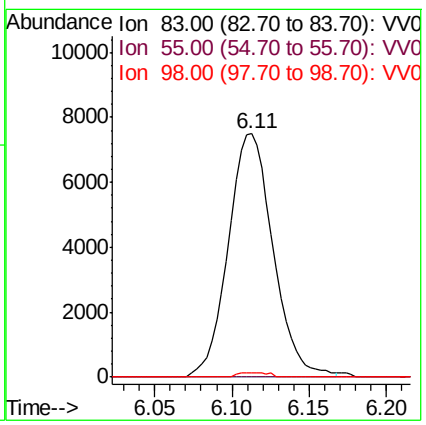


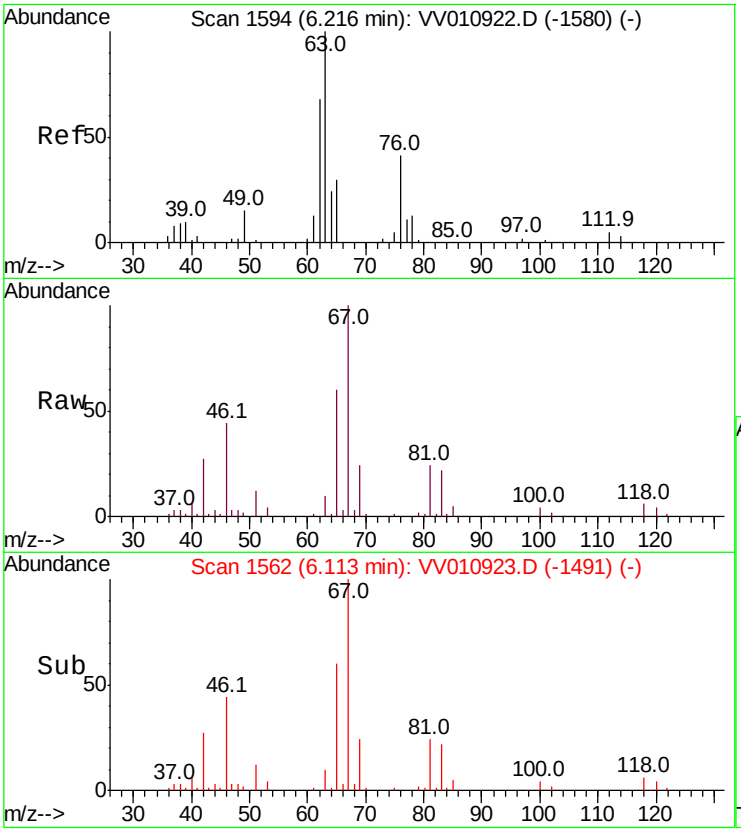


#36
Methylcyclohexane
Concen: 5.297 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010923.D
Acq: 16 May 2019 05:40

Tgt Ion: 83 Resp: 15121

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	1.1	37.2	55.8#



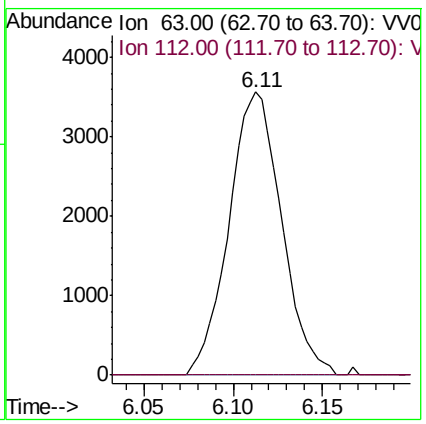


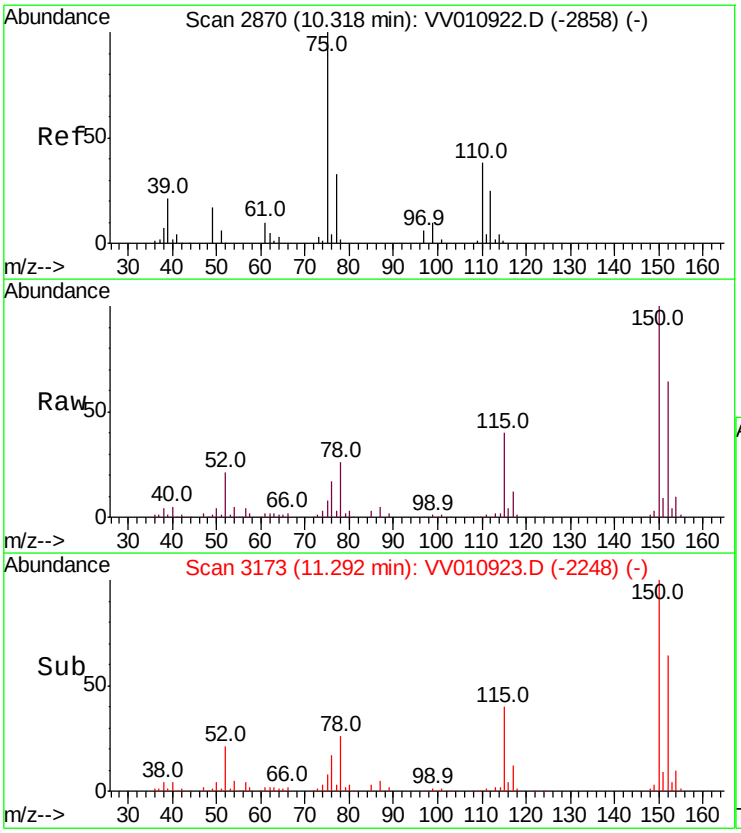
#40
1,2-Dichloropropane
Concen: 3.395 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV010923.D
Acq: 16 May 2019 05:40

Instrument :
MSVOA_V
ClientSampleId :
VBLK93

Tgt Ion: 63 Resp: 7318

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#59
1,2,3-Trichloropropane
Concen: 4.086 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010923.D
Acq: 16 May 2019 05:40

Tgt Ion: 75 Resp: 6788

Ion	Ratio	Lower	Upper
75	100		
77	33.8	26.4	39.6