Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009165.D
Acq On : 04 Jan 2019 18:46
Operator : SY/MD
Sample : K1050-01
Misc : 6.32 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE9T8

Quant Time: Jan 05 05:03:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	181791	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86716	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24304	19.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.20%			
7) Chloroethane-d5	1.58	69	25932	21.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.00%			
10) 1,1-Dichloroethene-d2	2.13	63	61600	14.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.28%			
20) 2-Butanone-d5	3.96	46	26499	30.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.58%			
24) Chloroform-d	4.40	84	81826	21.38	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.52%			
26) 1,2-Dichloroethane-d4	5.08	65	46002	22.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.84%			
29) Benzene-d6	5.10	84	166141	22.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.64%			
33) 1,2-Dichloropropane-d6	6.12	67	49673	23.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.44%			
37) Toluene-d8	7.36	98	146262	20.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.76%			
38) trans-1,3-Dichloropropene-	7.66	79	21146	20.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.96%			
39) 2-Hexanone-d5	8.15	63	17195	33.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.80%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48980	20.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.96%			
61) 1,2-Dichlorobenzene-d4	11.67	152	65273	22.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.08%			

Target Compounds						Qvalue
6) Bromomethane	1.54	94	535	0.358	ug/L	93
13) Acetone	2.22	43	24108	19.446	ug/L	99
15) Methyl Acetate	2.47	43	3056	1.992	ug/L	98
16) Methylene chloride	2.54	84	3236	1.192	ug/L	97
34) Benzene	5.15	78	3069	0.339	ug/L	100
40) 1,2-Dichloropropane	6.12	63	5270	2.418	ug/L #	85
44) Toluene	7.43	91	23786	2.439	ug/L	100

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

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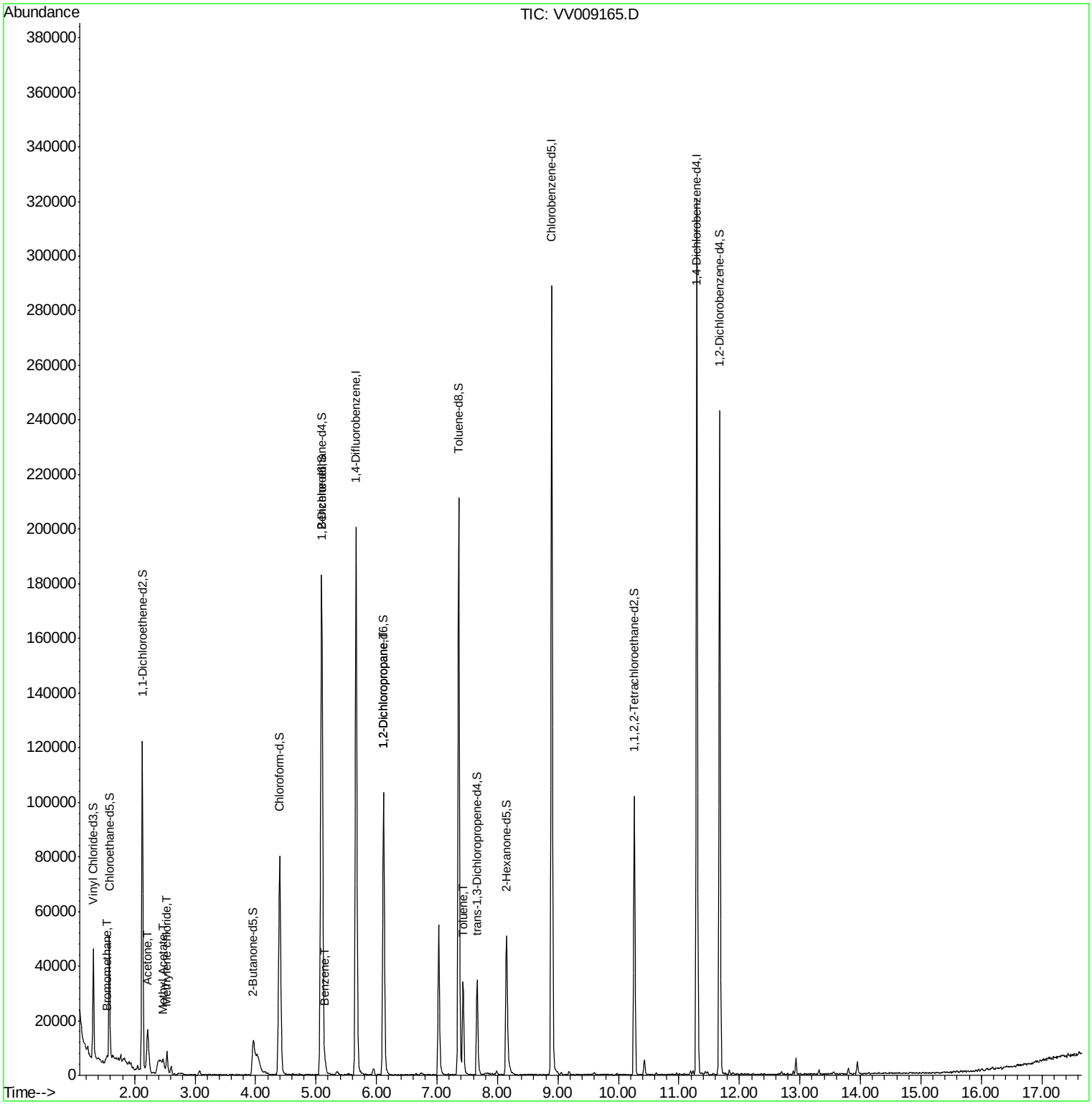
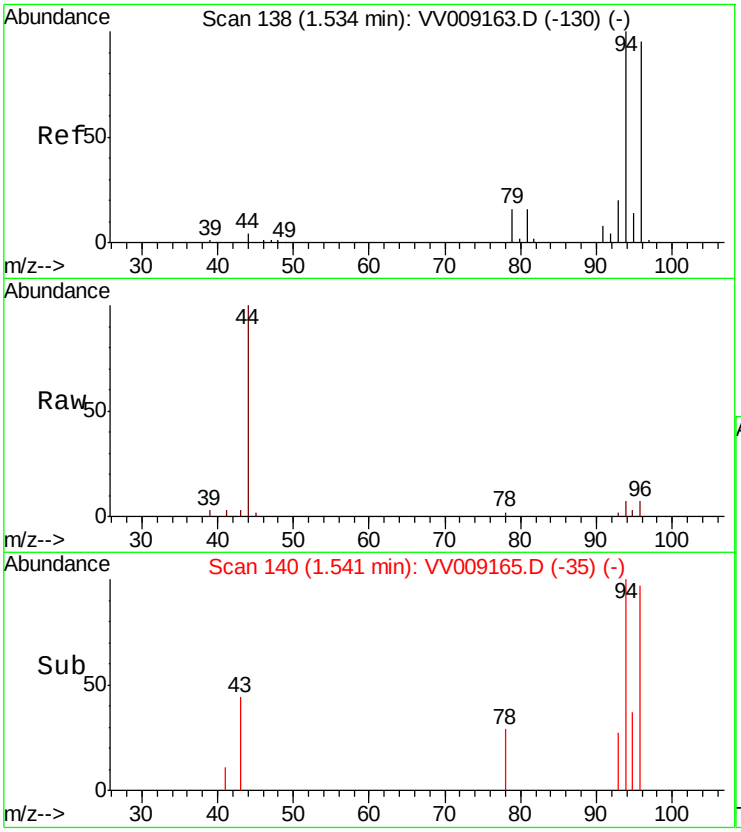


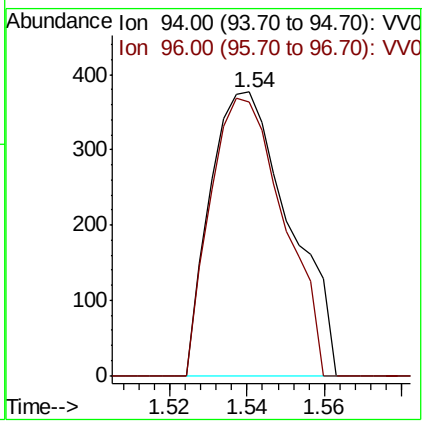


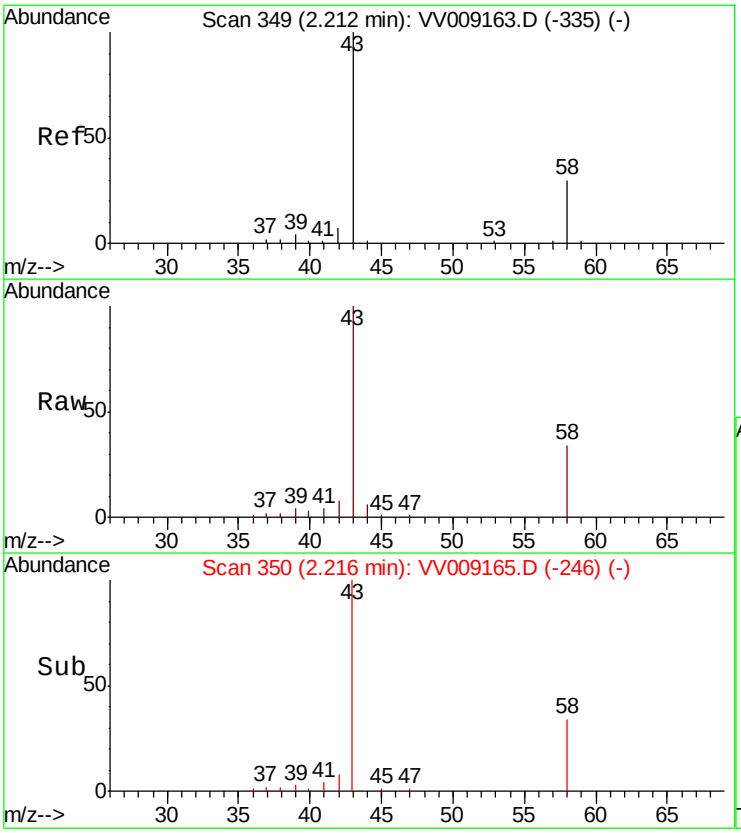
#6
Bromomethane
Concen: 0.358 ug/L
RT: 1.54 min Scan# 140
Delta R.T. 0.01 min
Lab File: VV009165.D
Acq: 04 Jan 2019 18:46

Instrument :
MSVOA_V
ClientSampleId :
BE9T8

Tgt Ion: 94 Resp: 535

Ion	Ratio	Lower	Upper
94	100		
96	90.5	9.7	185.1

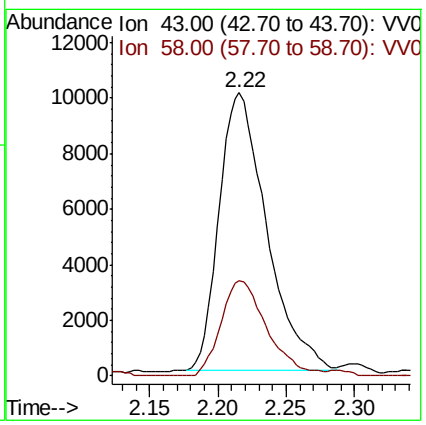


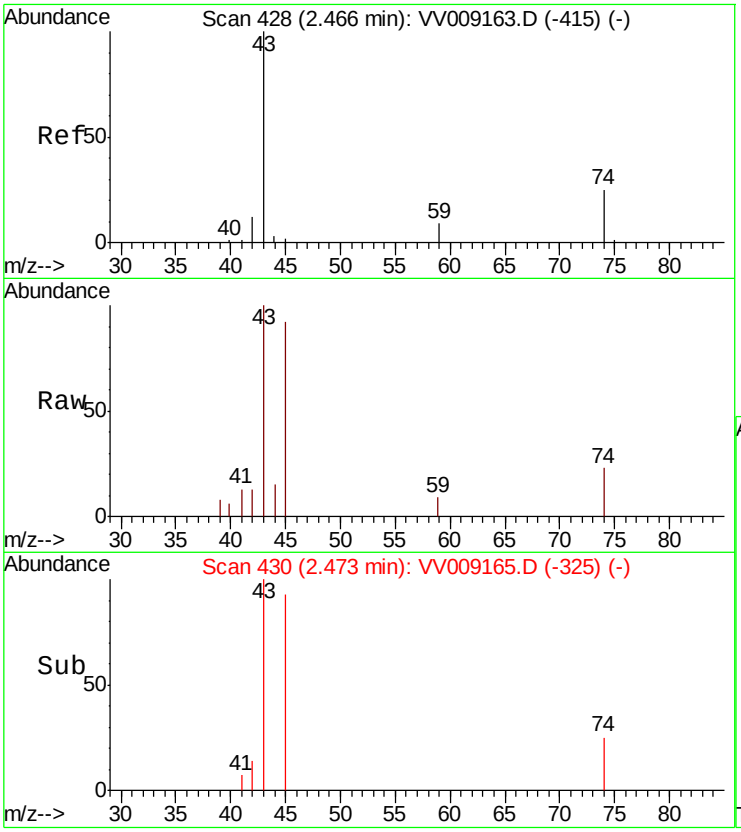


#13
Acetone
Concen: 19.446 ug/L
RT: 2.22 min Scan# 350
Delta R.T. 0.00 min
Lab File: VV009165.D
Acq: 04 Jan 2019 18:46

Tgt Ion: 43 Resp: 24108

Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	67.0



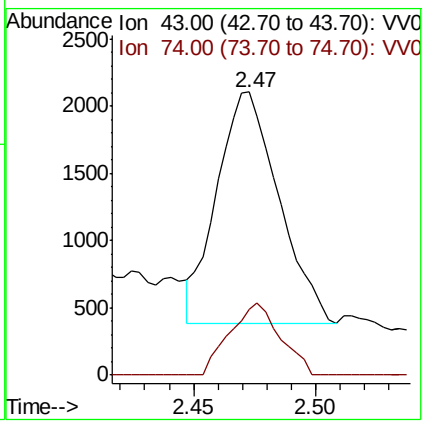


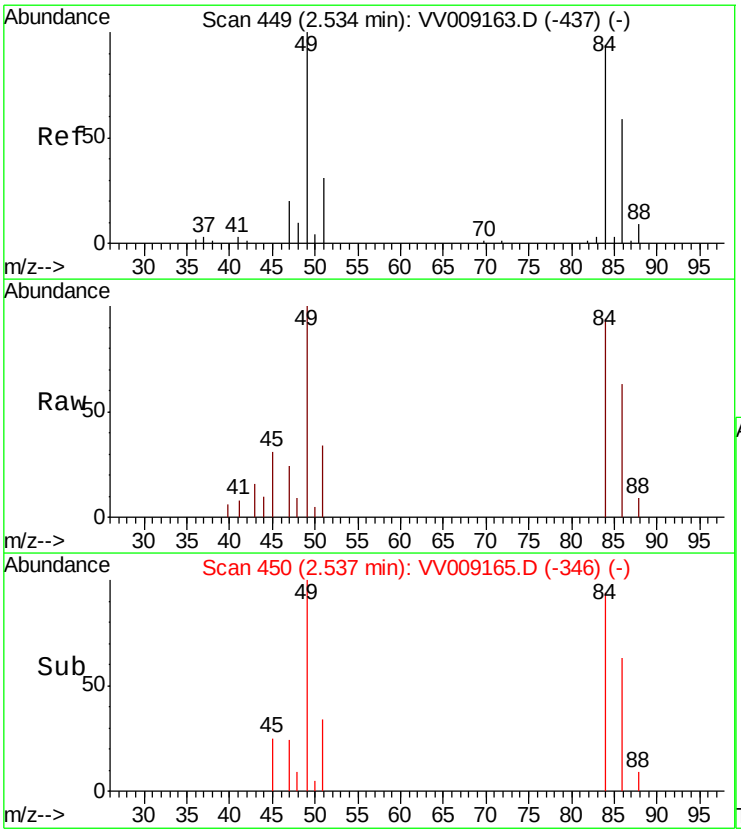
#15
Methyl Acetate
Concen: 1.992 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.01 min
Lab File: VV009165.D
Acq: 04 Jan 2019 18:46

Instrument :
MSVOA_V
ClientSampleId :
BE9T8

Tgt Ion: 43 Resp: 3056

Ion	Ratio	Lower	Upper
43	100		
74	25.2	19.4	29.0

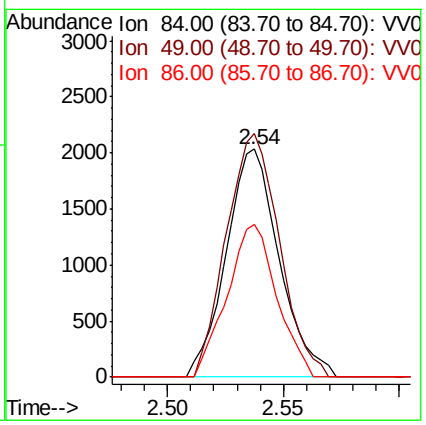


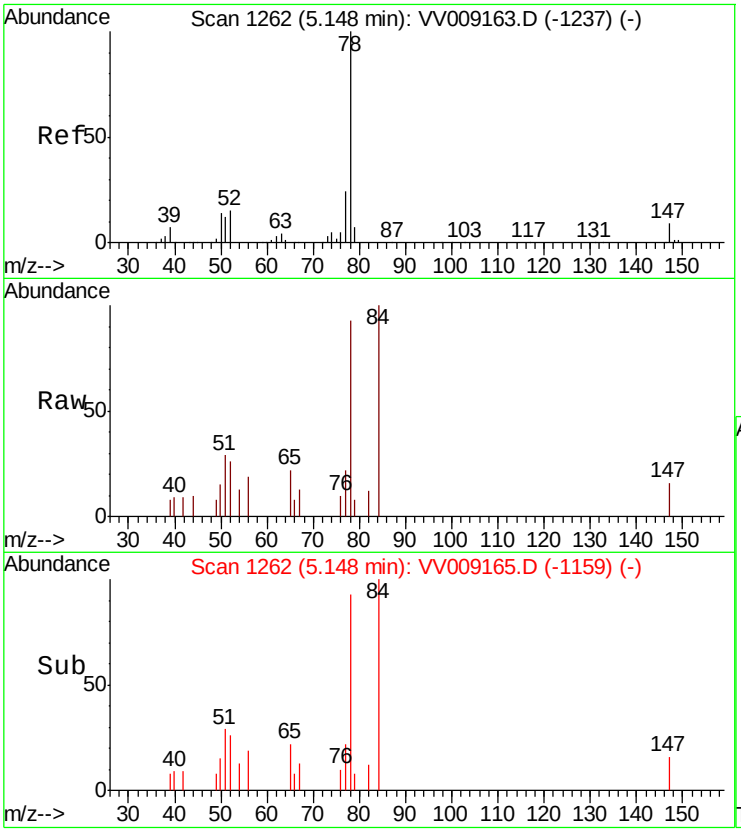


#16
Methylene chloride
Concen: 1.192 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009165.D
Acq: 04 Jan 2019 18:46

Tgt Ion: 84 Resp: 3236

Ion	Ratio	Lower	Upper
84	100		
49	106.8	77.6	144.2
86	66.8	47.4	88.0

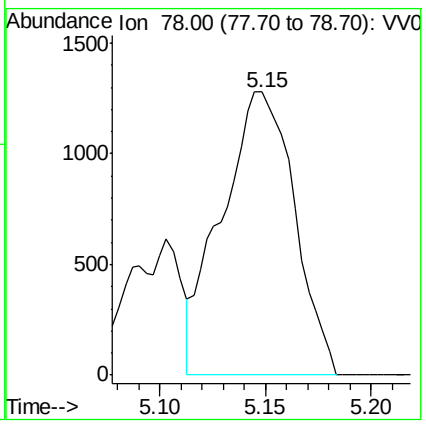


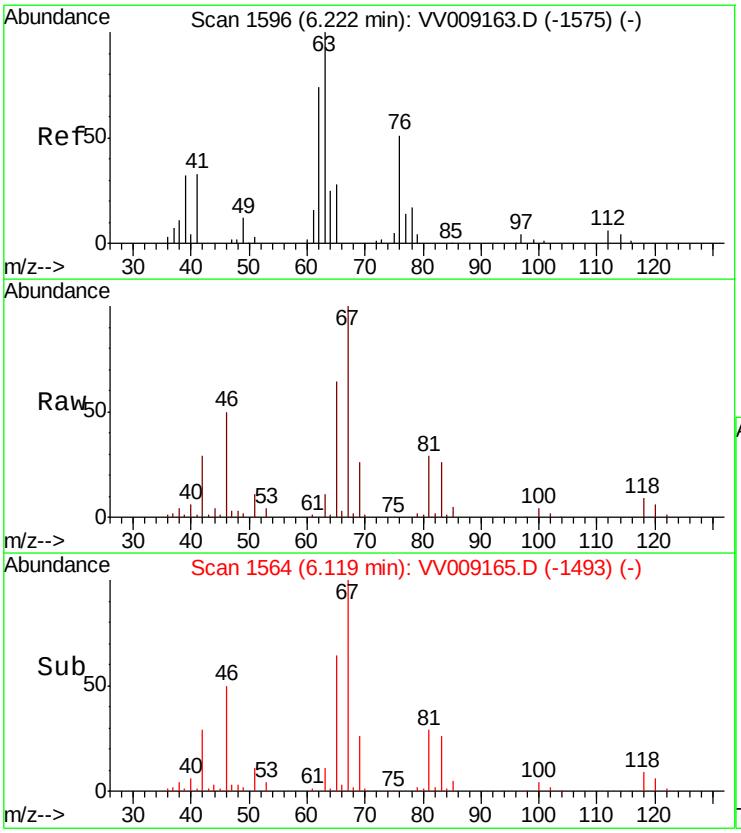


#34
Benzene
Concen: 0.339 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV009165.D
Acq: 04 Jan 2019 18:46

Instrument :
MSVOA_V
ClientSampleId :
BE9T8

Tgt Ion: 78 Resp: 3069

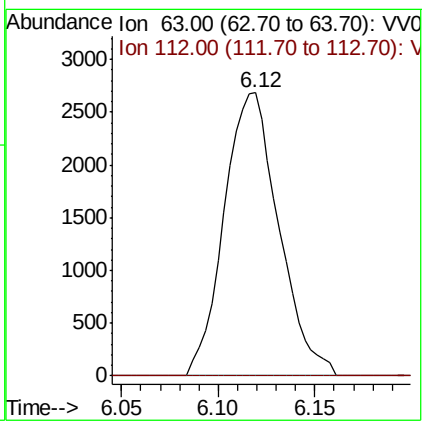


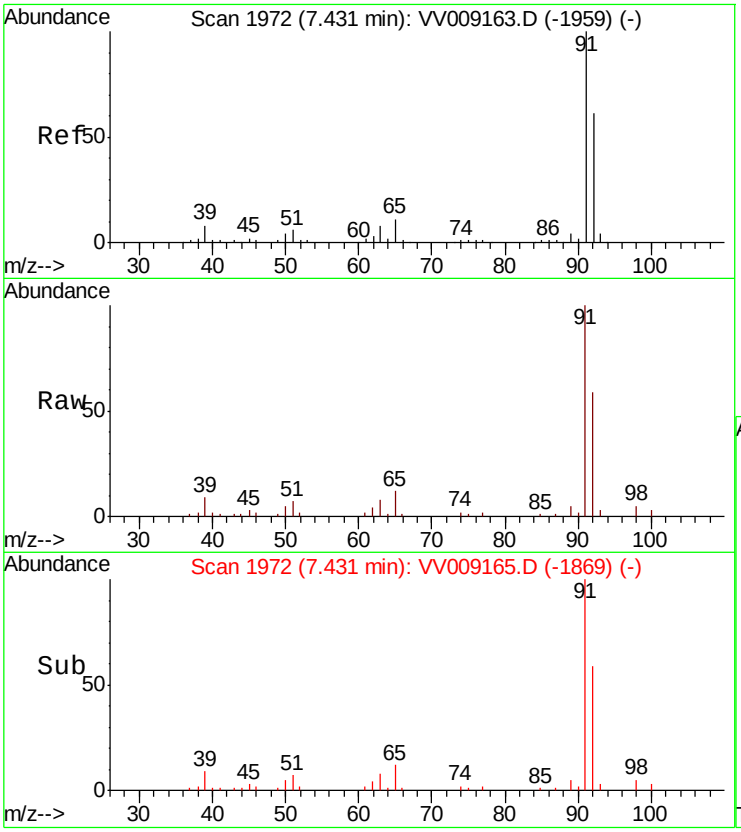


#40
1,2-Dichloropropane
Concen: 2.418 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009165.D
Acq: 04 Jan 2019 18:46

Tgt Ion: 63 Resp: 5270

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#





#44
Toluene
Concen: 2.439 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV009165.D
Acq: 04 Jan 2019 18:46

Instrument :
MSVOA_V
ClientSampleId :
BE9T8

Tgt Ion: 91 Resp: 23786

Ion	Ratio	Lower	Upper
91	100		
92	59.4	41.7	77.5