Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010819\
Data File : VV009201.D
Acq On : 08 Jan 2019 18:48
Operator : SY/MD
Sample : K1051-10
Misc : 4.92 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE9X8

Quant Time: Jan 09 00:43:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 09 00:40:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	247439	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113595	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	64046	28.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.04%			
7) Chloroethane-d5	1.58	69	55787	28.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.48%			
10) 1,1-Dichloroethene-d2	2.13	63	129051	20.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.40%			
20) 2-Butanone-d5	3.96	46	37696	38.39	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.78%			
24) Chloroform-d	4.40	84	150260	26.10	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.40%			
26) 1,2-Dichloroethane-d4	5.08	65	83879	26.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.12%			
29) Benzene-d6	5.10	84	317256	27.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.20%			
33) 1,2-Dichloropropane-d6	6.12	67	89961	27.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.16%			
37) Toluene-d8	7.36	98	296437	27.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.84%			
38) trans-1,3-Dichloropropene-	7.67	79	41396	25.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.20%			
39) 2-Hexanone-d5	8.14	63	24597	40.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.70%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	76634	23.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.60%			
61) 1,2-Dichlorobenzene-d4	11.68	152	113562	26.60	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.40%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	1221	0.429	ug/L #	1
13) Acetone	2.22	43	7685	5.245	ug/L	88
16) Methylene chloride	2.54	84	27766	7.763	ug/L	85
36) Methylcyclohexane	6.12	83	22589	3.877	ug/L #	20
40) 1,2-Dichloropropane	6.12	63	10389	3.529	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2979	0.644	ug/L #	66
44) Toluene	7.43	91	7633	0.588	ug/L	100
59) 1,2,3-Trichloropropane	11.30	75	11713	4.636	ug/L	89

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

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BE9X8

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Quant Title : VOC Analysis
QLast Update : Wed Jan 09 00:40:20 2019
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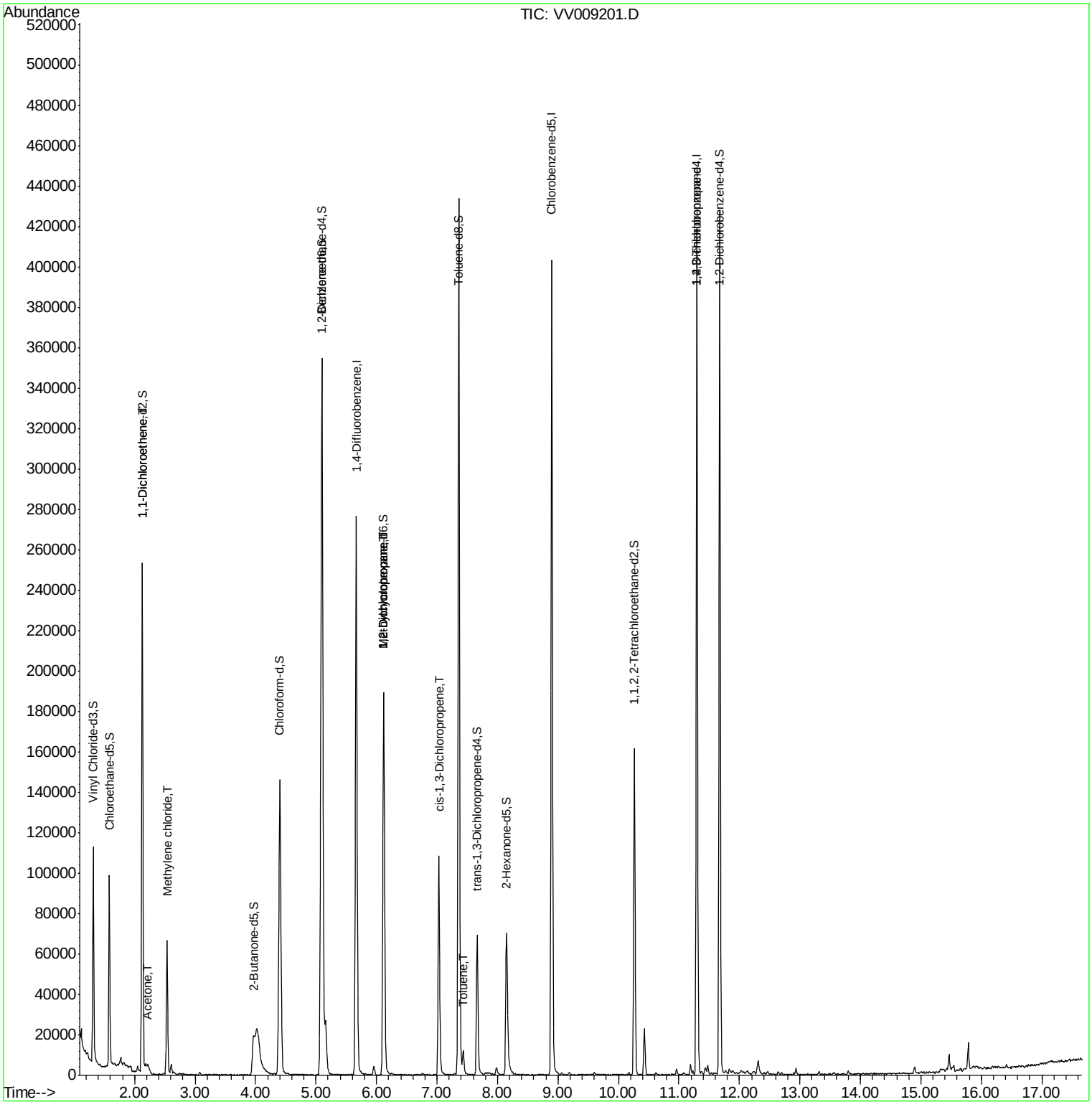
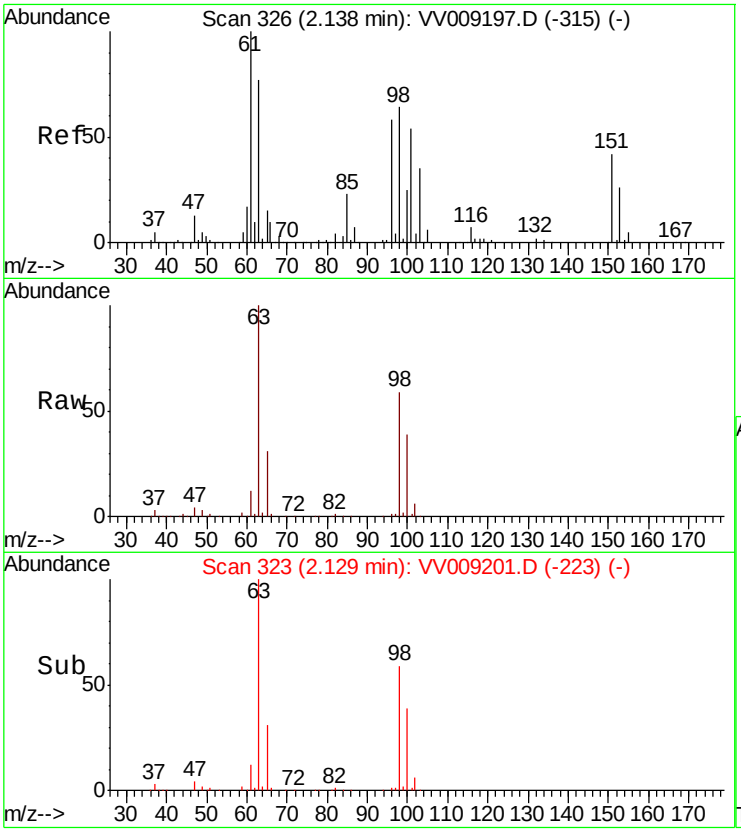


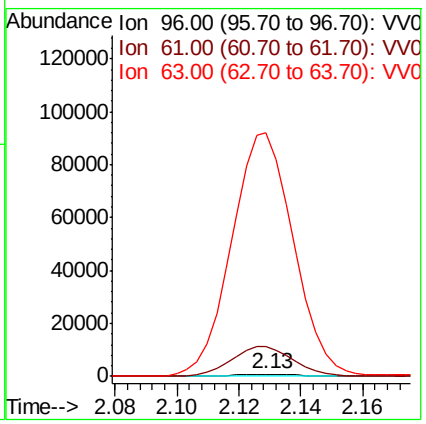


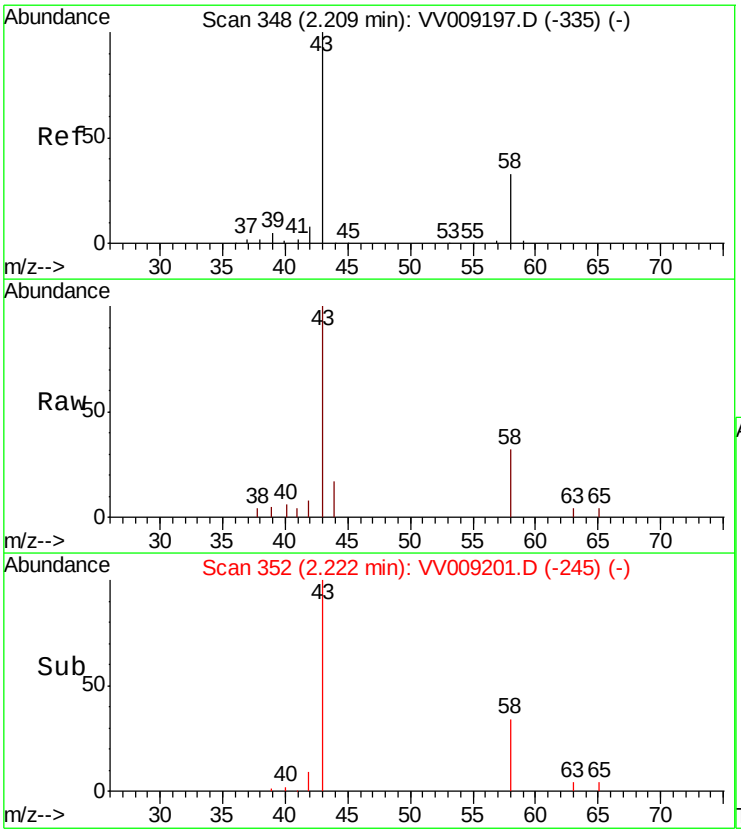
#12
1,1-Dichloroethene
Concen: 0.429 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV009201.D
Acq: 08 Jan 2019 18:48

Instrument :
MSVOA_V
ClientSampleId :
BE9X8

Tgt Ion: 96 Resp: 1221

Ion	Ratio	Lower	Upper
96	100		
61	1262.2	130.3	241.9#
63	10384.7	107.8	200.2#

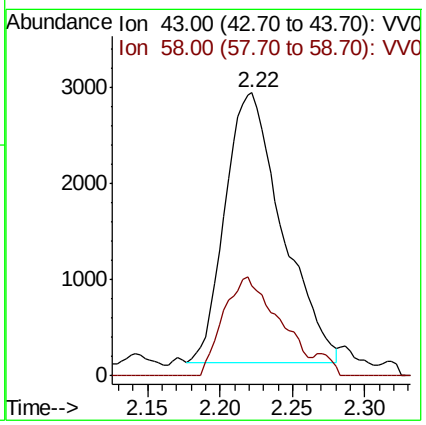


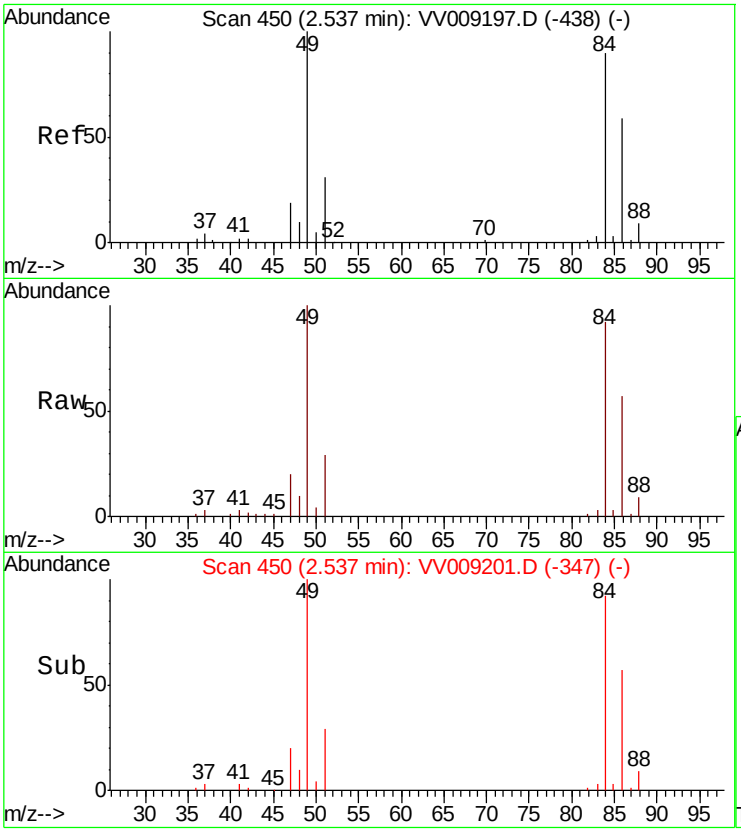


#13
Acetone
Concen: 5.245 ug/L
RT: 2.22 min Scan# 352
Delta R.T. 0.01 min
Lab File: VV009201.D
Acq: 08 Jan 2019 18:48

Tgt Ion: 43 Resp: 7685

Ion	Ratio	Lower	Upper
43	100		
58	35.4	0.0	57.8



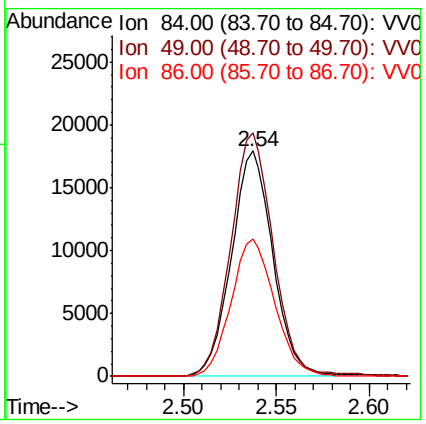


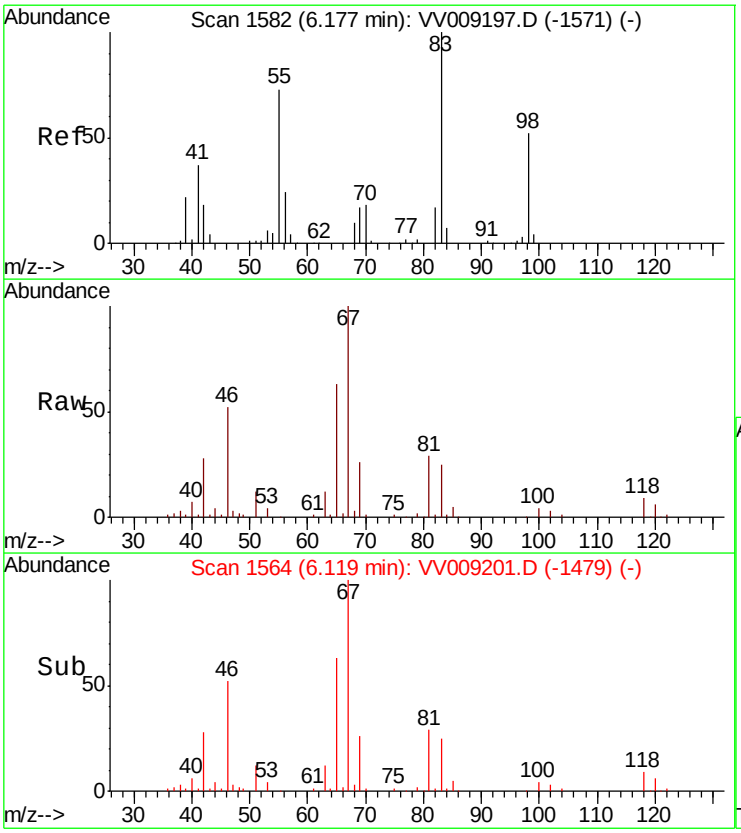
#16
Methylene chloride
Concen: 7.763 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009201.D
Acq: 08 Jan 2019 18:48

Instrument :
MSVOA_V
ClientSampleId :
BE9X8

Tgt Ion: 84 Resp: 27766

Ion	Ratio	Lower	Upper
84	100		
49	108.1	92.0	170.9
86	61.2	44.9	83.3

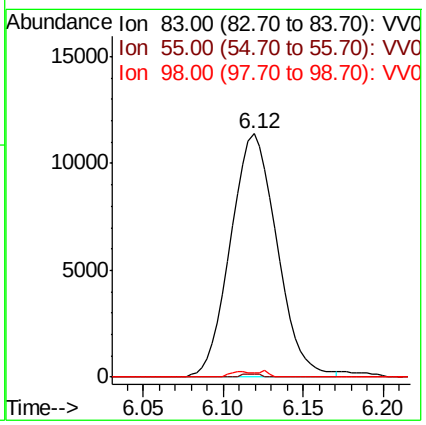


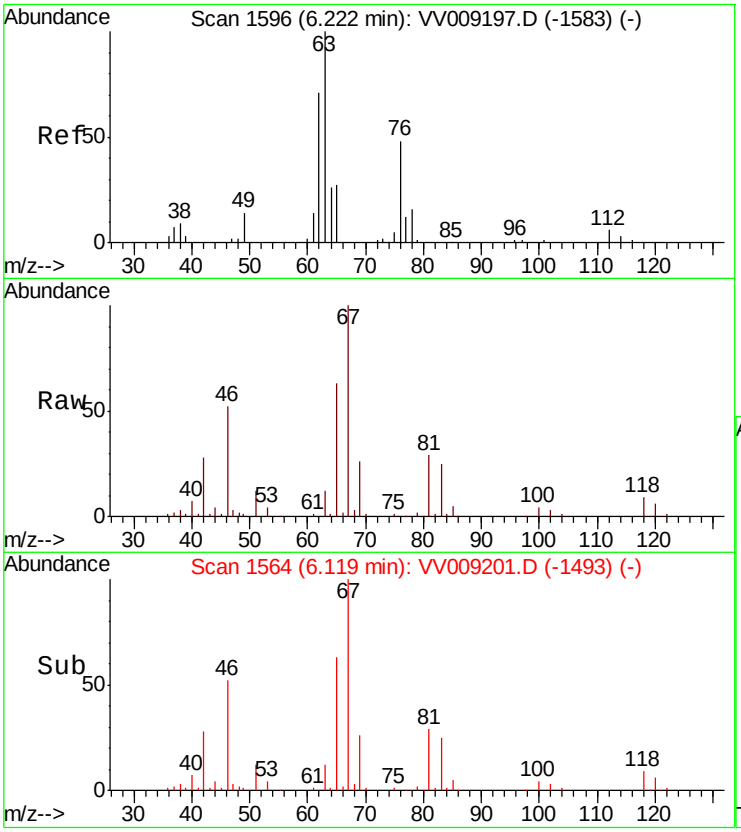


#36
Methylcyclohexane
Concen: 3.877 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009201.D
Acq: 08 Jan 2019 18:48

Tgt Ion: 83 Resp: 22589

Ion	Ratio	Lower	Upper
83	100		
55	0.4	57.6	86.4#
98	0.5	41.0	61.6#



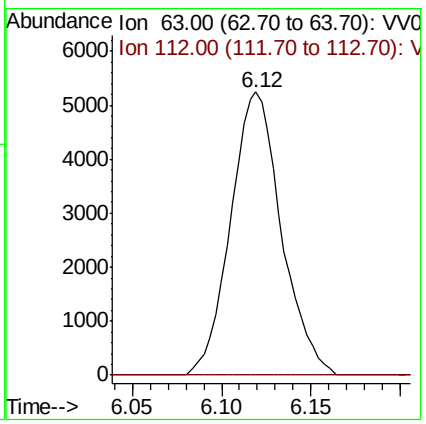


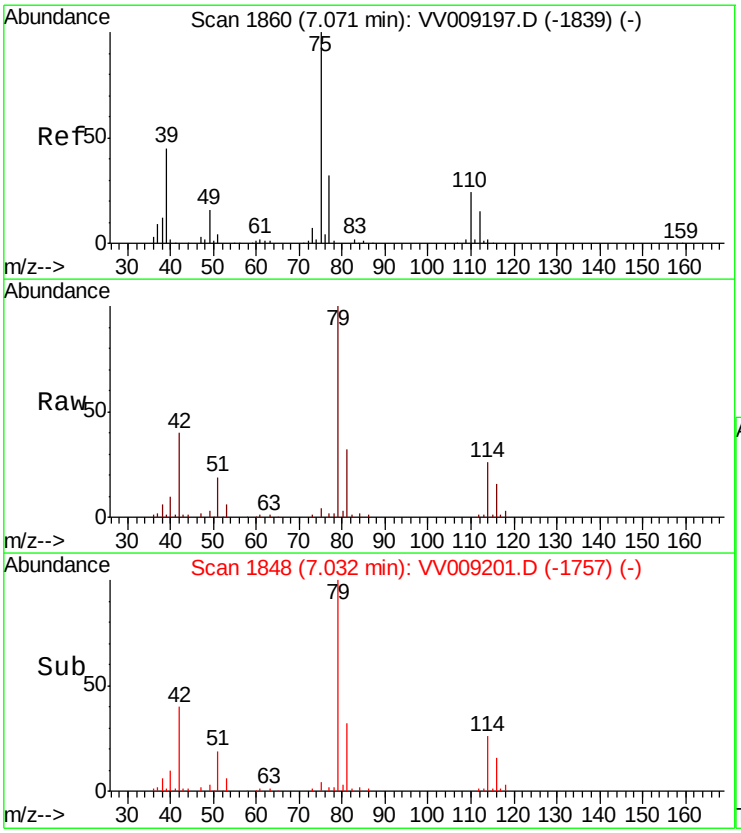
#40
1,2-Dichloropropane
Concen: 3.529 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009201.D
Acq: 08 Jan 2019 18:48

Instrument :
MSVOA_V
ClientSampleId :
BE9X8

Tgt Ion: 63 Resp: 10389

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#

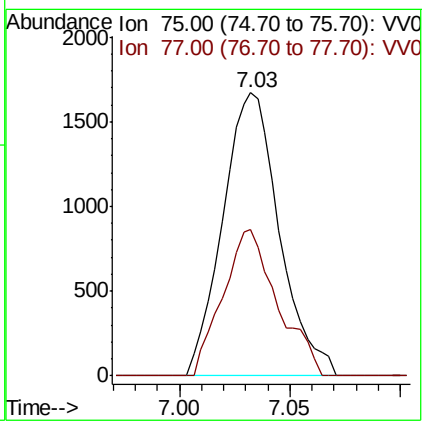


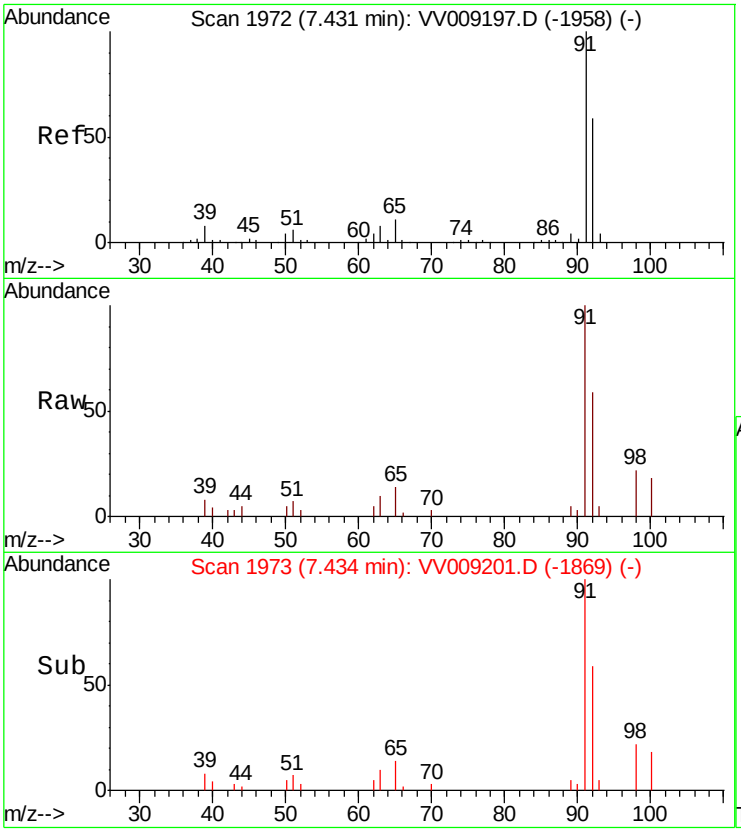


#42
cis-1,3-Dichloropropene
Concen: 0.644 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009201.D
Acq: 08 Jan 2019 18:48

Tgt Ion: 75 Resp: 2979

Ion	Ratio	Lower	Upper
75	100		
77	51.8	22.7	42.3#



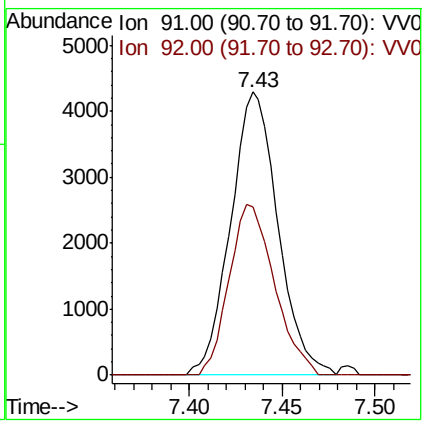


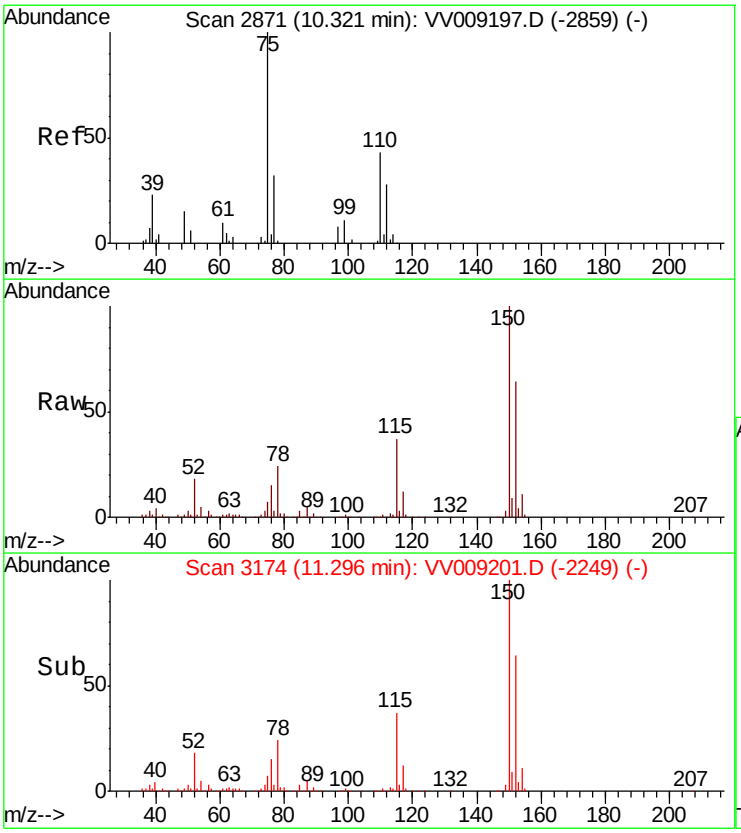
#44
Toluene
Concen: 0.588 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV009201.D
Acq: 08 Jan 2019 18:48

Instrument :
MSVOA_V
ClientSampleId :
BE9X8

Tgt Ion: 91 Resp: 7633

Ion	Ratio	Lower	Upper
91	100		
92	59.3	41.8	77.6





#59
1,2,3-Trichloropropane
Concen: 4.636 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009201.D
Acq: 08 Jan 2019 18:48

Tgt Ion: 75 Resp: 11713

Ion	Ratio	Lower	Upper
75	100		
77	39.2	26.3	39.5