Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022719\

Quantitation Report (Not Reviewed)

Data File : VV009395.D
Acq On : 27 Feb 2019 13:51
Operator : SY/MD
Sample : K1626-01
Misc : 5.87G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF663RE

Quant Time: Feb 28 04:35:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157685	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34533	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	39805	20.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.24%			
7) Chloroethane-d5	1.58	69	64805	25.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.48%			
10) 1,1-Dichloroethene-d2	2.13	63	82838	15.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.16%			
20) 2-Butanone-d5	3.95	46	27711	46.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.72%			
24) Chloroform-d	4.40	84	90798	23.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.96%			
26) 1,2-Dichloroethane-d4	5.08	65	51600	24.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.56%			
29) Benzene-d6	5.10	84	184627	29.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.36%			
33) 1,2-Dichloropropane-d6	6.12	67	55341	29.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.00%			
37) Toluene-d8	7.36	98	162063	26.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.48%			
38) trans-1,3-Dichloropropene-	7.66	79	22547	24.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.00%			
39) 2-Hexanone-d5	8.14	63	20520	52.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.24%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41310	22.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.96%			
61) 1,2-Dichlorobenzene-d4	11.68	152	29934	23.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.60%			

Target Compounds						Qvalue
13) Acetone	2.21	43	4848	7.095	ug/L	49
14) Carbon disulfide	2.31	76	6684	1.136	ug/L	95
16) Methylene chloride	2.53	84	5337	2.499	ug/L	96
27) 1,2-Dichloroethane	5.10	62	958	0.364	ug/L #	77
40) 1,2-Dichloropropane	6.12	63	6750	4.081	ug/L #	89
42) cis-1,3-Dichloropropene	7.04	75	1889	0.719	ug/L #	59
45) trans-1,3-Dichloropropene	7.67	75	1237	0.519	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	5178	3.913	ug/L #	87

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

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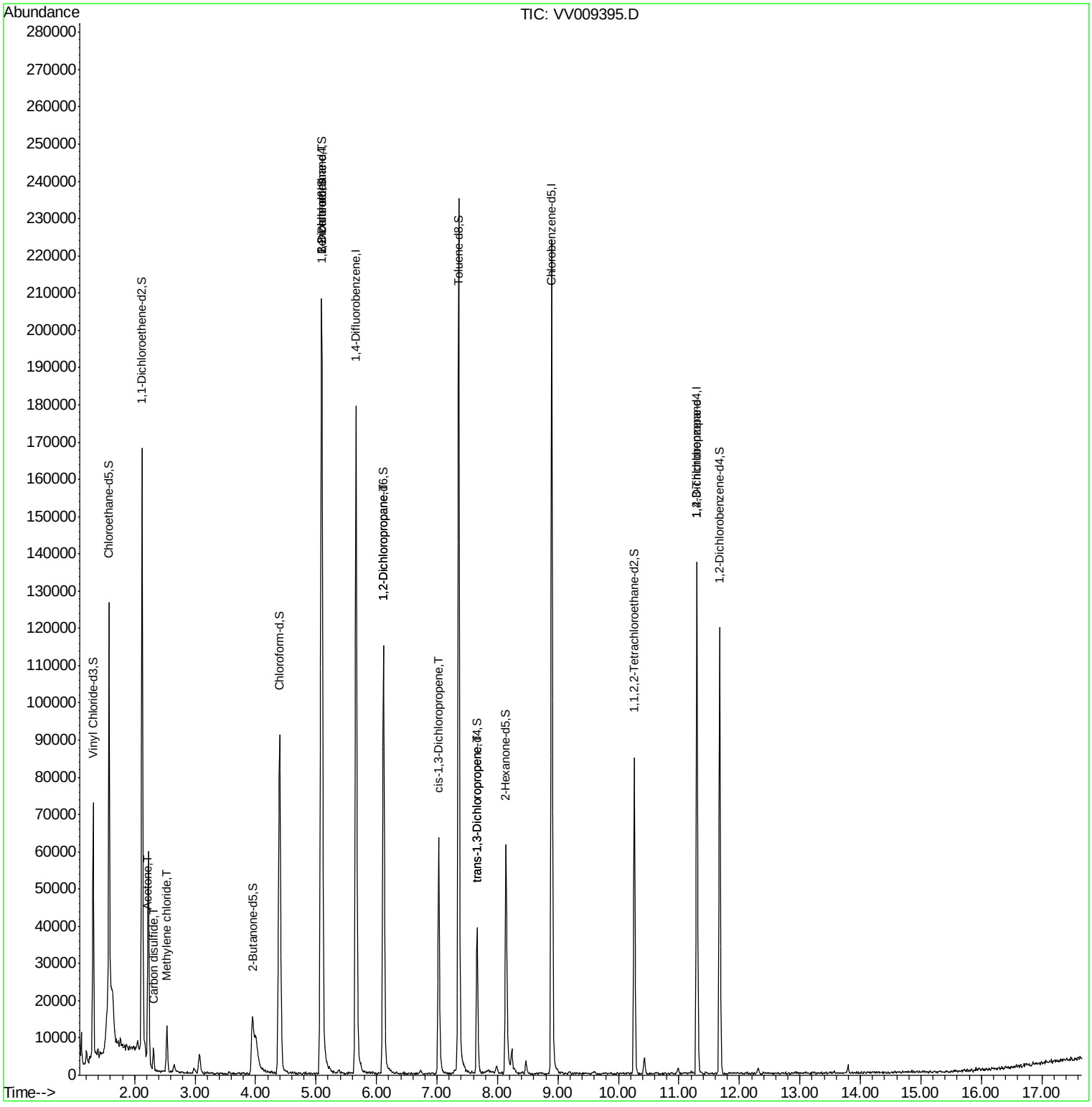
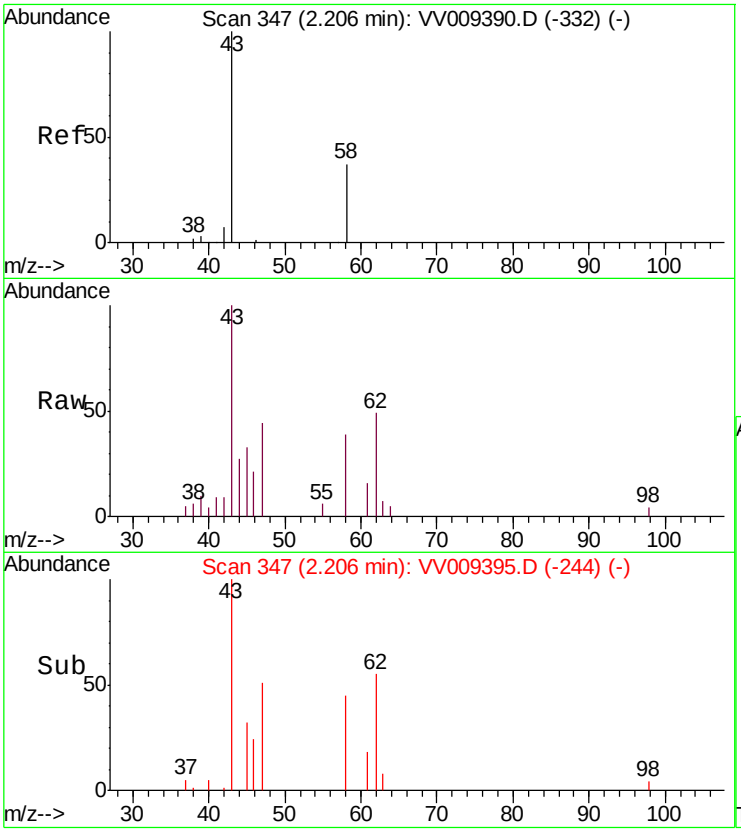
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration



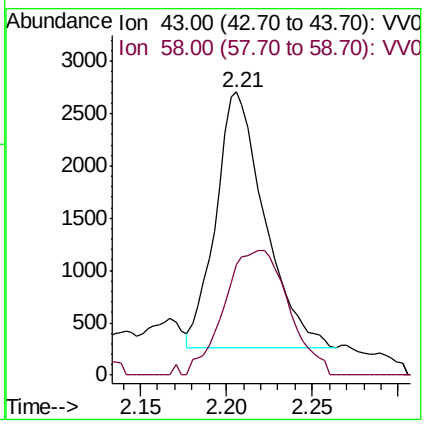


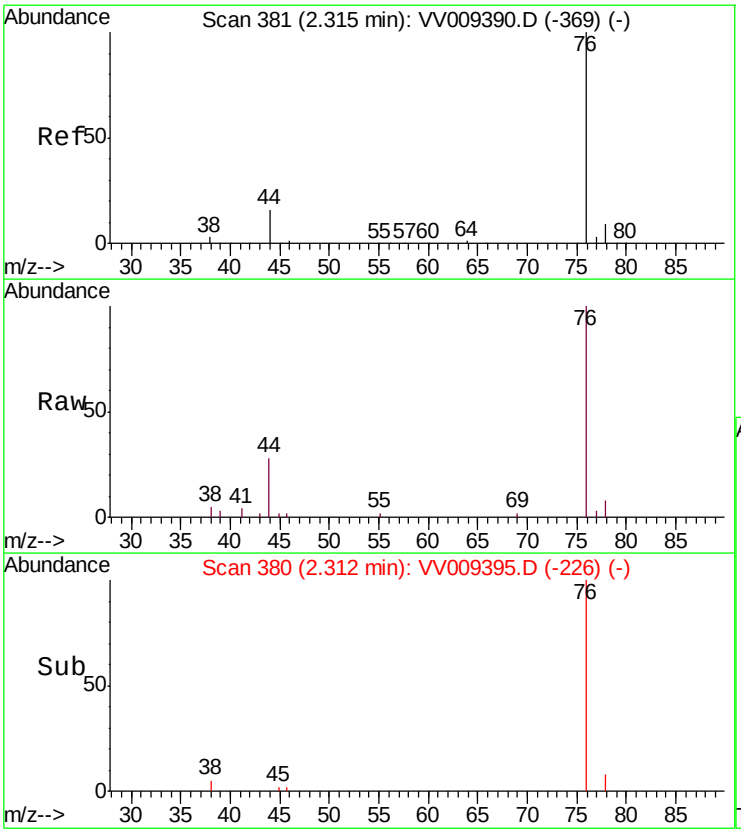
#13
Acetone
Concen: 7.095 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.00 min
Lab File: VV009395.D
Acq: 27 Feb 2019 13:51

Instrument :
MSVOA_V
ClientSampleId :
BF663RE

Tgt Ion: 43 Resp: 4848

Ion	Ratio	Lower	Upper
43	100		
58	63.9	0.0	68.8

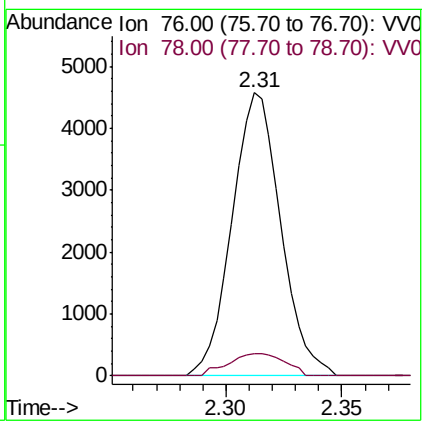


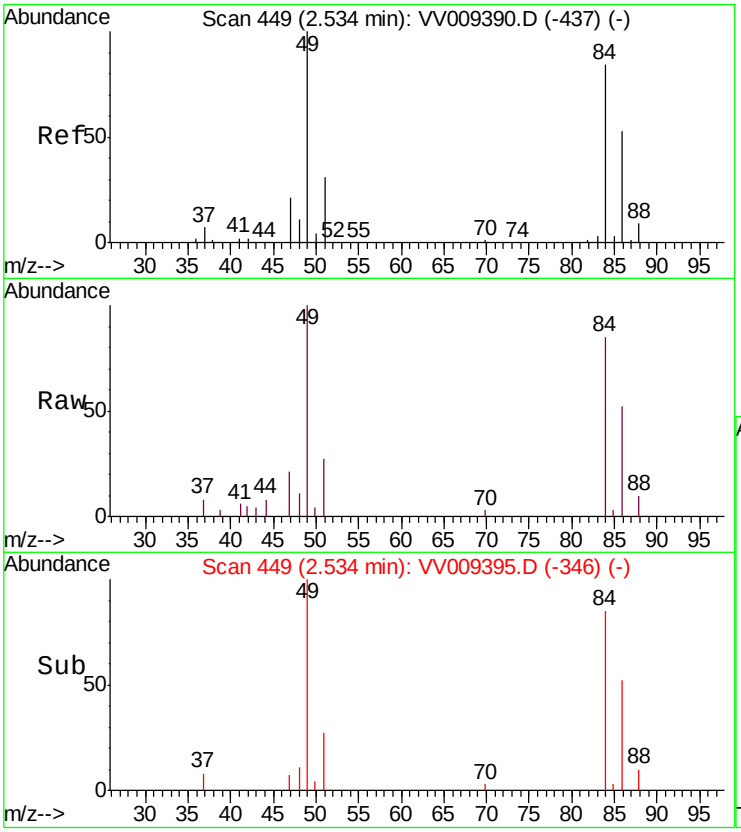


#14
Carbon disulfide
Concen: 1.136 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV009395.D
Acq: 27 Feb 2019 13:51

Tgt Ion: 76 Resp: 6684

Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.5	11.3



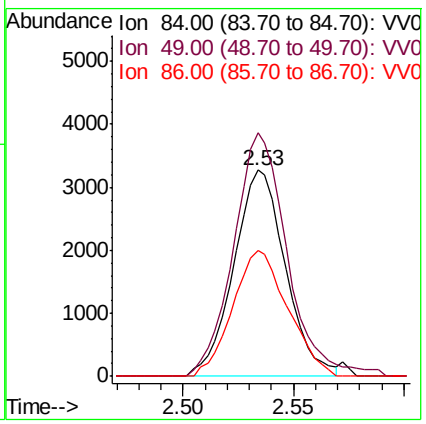


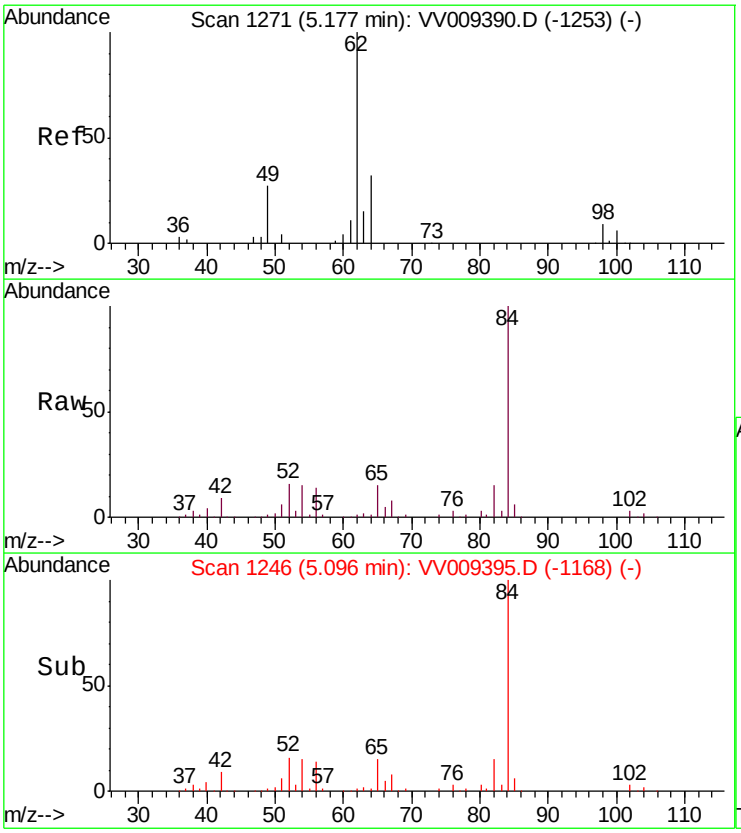
#16
Methylene chloride
Concen: 2.499 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009395.D
Acq: 27 Feb 2019 13:51

Instrument :
MSVOA_V
ClientSampleId :
BF663RE

Tgt Ion: 84 Resp: 5337

Ion	Ratio	Lower	Upper
84	100		
49	118.2	84.6	157.0
86	61.0	46.1	85.7

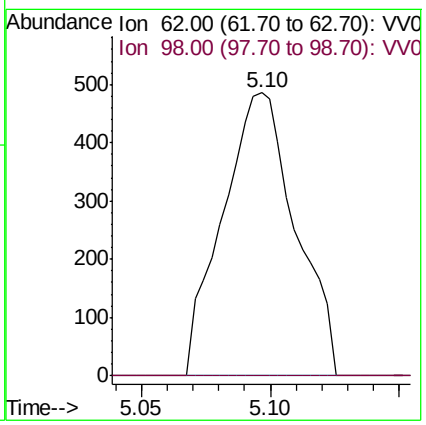


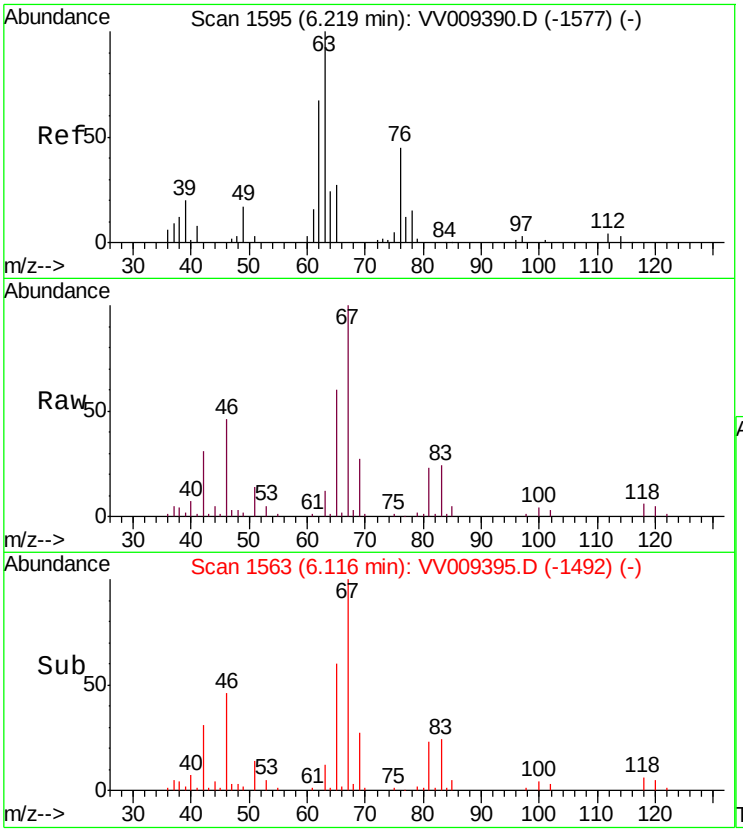


#27
1,2-Dichloroethane
Concen: 0.364 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009395.D
Acq: 27 Feb 2019 13:51

Tgt Ion: 62 Resp: 958

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



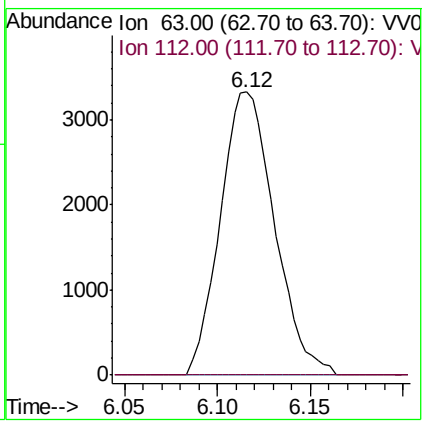


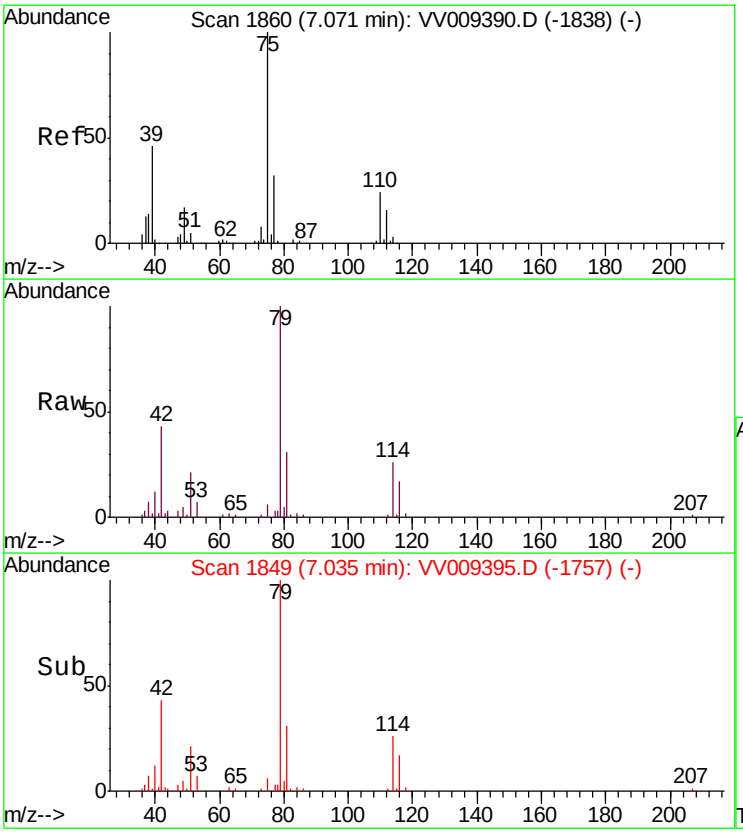
#40
1,2-Dichloropropane
Concen: 4.081 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009395.D
Acq: 27 Feb 2019 13:51

Instrument : MSVOA_V
ClientSampleId : BF663RE

Tgt Ion: 63 Resp: 6750

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

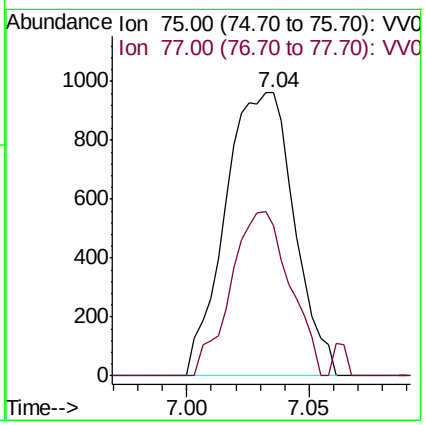


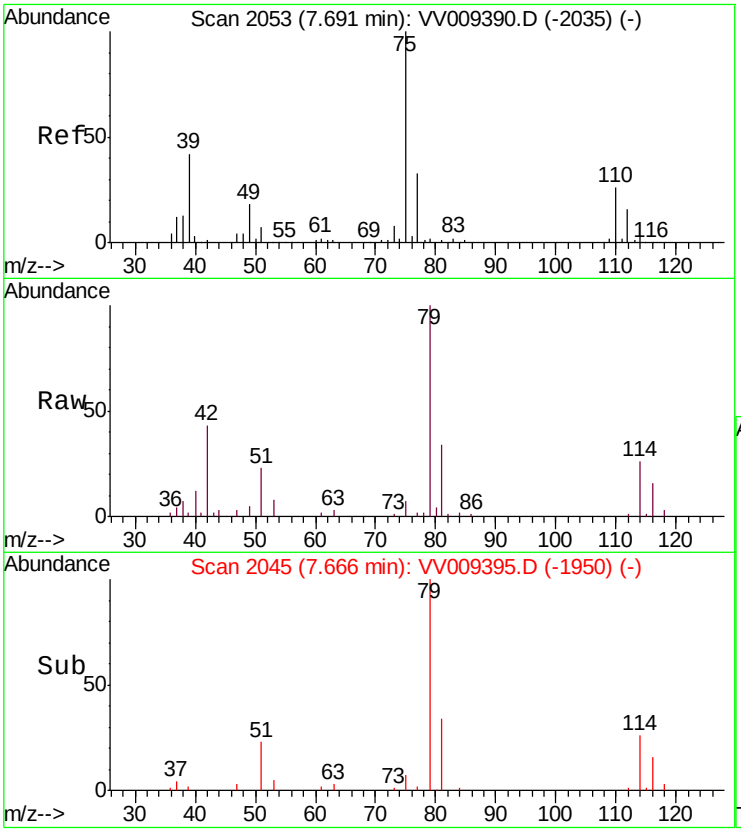


#42
cis-1,3-Dichloropropene
Concen: 0.719 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV009395.D
Acq: 27 Feb 2019 13:51

Tgt Ion: 75 Resp: 1889

Ion	Ratio	Lower	Upper
75	100		
77	53.0	21.4	39.8#



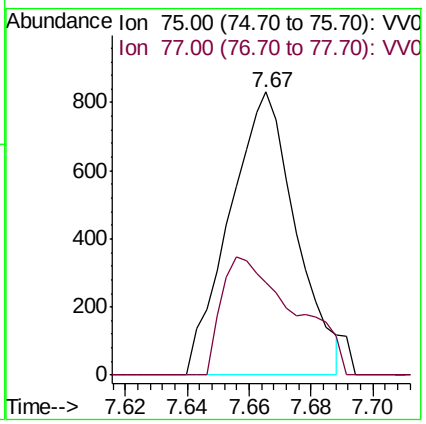


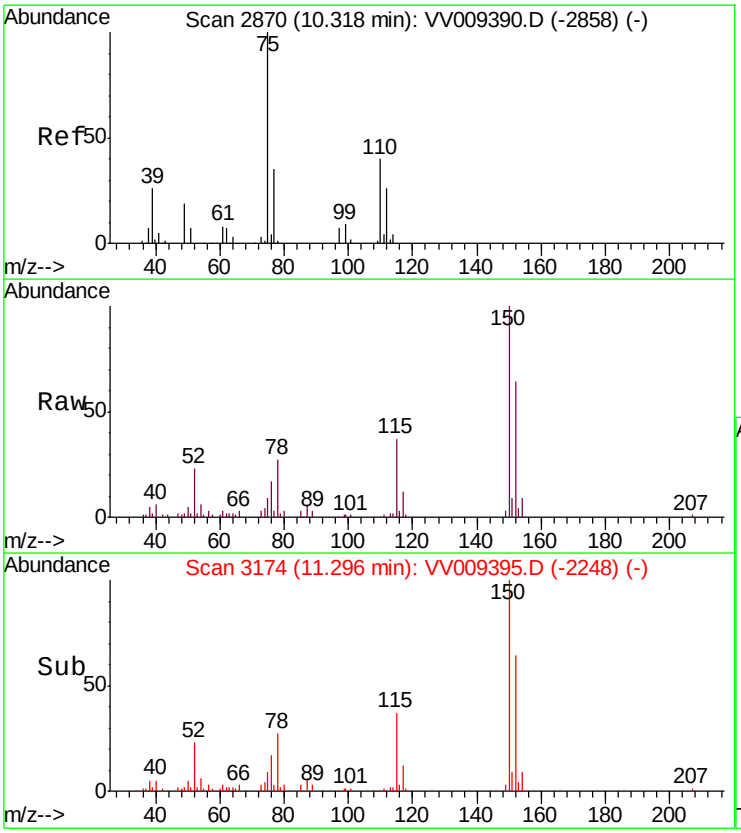
#45
trans-1,3-Dichloropropene
Concen: 0.519 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009395.D
Acq: 27 Feb 2019 13:51

Instrument :
MSVOA_V
ClientSampleId :
BF663RE

Tgt Ion: 75 Resp: 1237

Ion	Ratio	Lower	Upper
75	100		
77	32.7	22.5	41.7





#59
1,2,3-Trichloropropane
Concen: 3.913 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009395.D
Acq: 27 Feb 2019 13:51

Tgt Ion: 75 Resp: 5178

Ion	Ratio	Lower	Upper
75	100		
77	39.7	25.9	38.9#