Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102618\

Quantitation Report (Not Reviewed)

Data File : VV008441.D
Acq On : 26 Oct 2018 18:19
Operator : SY/MD
Sample : J5669-14MS
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBW4

Quant Time: Oct 27 04:48:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190194	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74211	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50770	48.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.42%			
7) Chloroethane-d5	1.63	69	180	0.24	ug/L	0.06
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.48%#			
11) 1,1-Dichloroethene-d2	2.13	63	84064	44.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.40%			
21) 2-Butanone-d5	3.93	46	111111	97.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.09%			
24) Chloroform-d	4.41	84	122800	47.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.56%			
26) 1,2-Dichloroethane-d4	5.09	65	87085	50.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.30%			
32) Benzene-d6	5.10	84	256468	51.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.10%			
36) 1,2-Dichloropropane-d6	6.12	67	86616	50.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.30%			
41) Toluene-d8	7.36	98	230708	51.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.14%			
43) trans-1,3-Dichloropropene-	7.67	79	40970	48.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.66%			
47) 2-Hexanone-d5	8.14	63	84352	93.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.54%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	114852	49.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	78031	51.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.80%			

Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	1521	1.128	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	578	0.638	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	22935	26.876	ug/L #	62
13) Acetone	2.19	43	5278	5.942	ug/L	95
20) cis-1,2-Dichloroethene	3.97	96	55524	37.466	ug/L	98
33) Benzene	5.15	78	155080	27.172	ug/L	100
34) Trichloroethene	5.96	95	150252	102.830	ug/L	98
35) Methylcyclohexane	6.12	83	19634	7.904	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8995	5.707	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2492	1.006	ug/L #	63
42) Toluene	7.43	91	157383	26.548	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	1632	0.704	ug/L #	73
51) Chlorobenzene	8.93	112	97142	26.612	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102618\

Quantitation Report (Not Reviewed)

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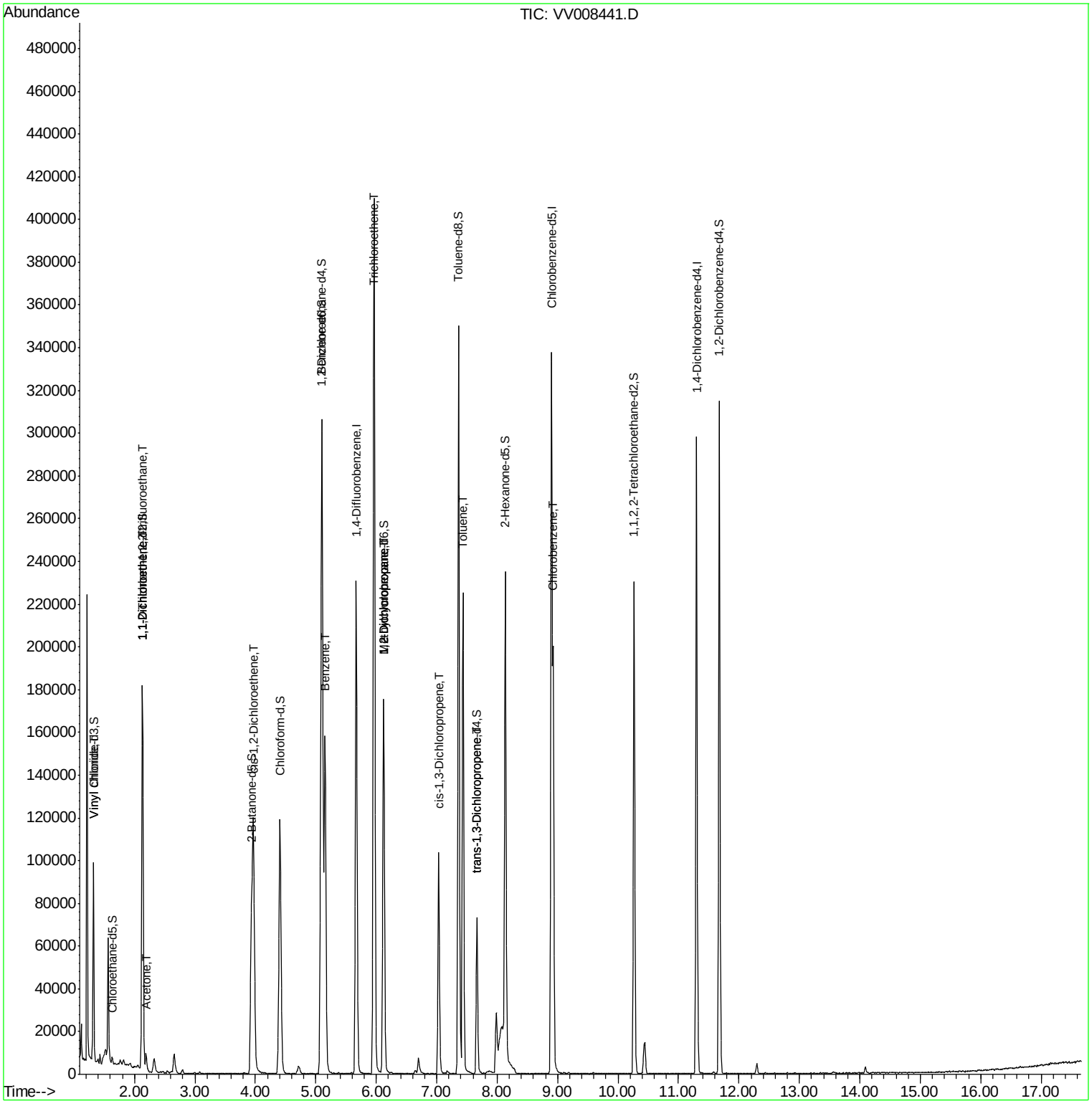
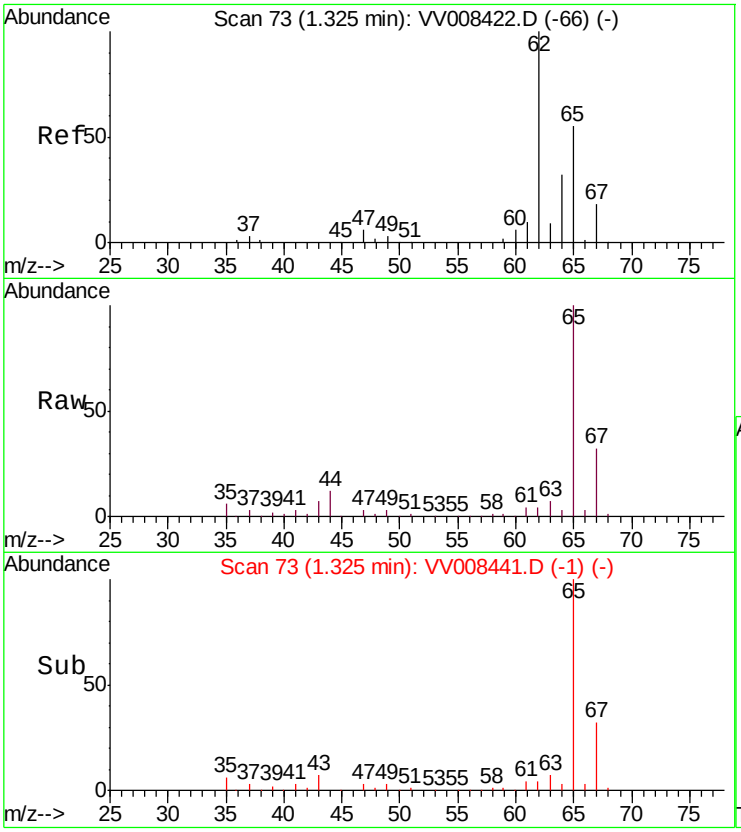
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration



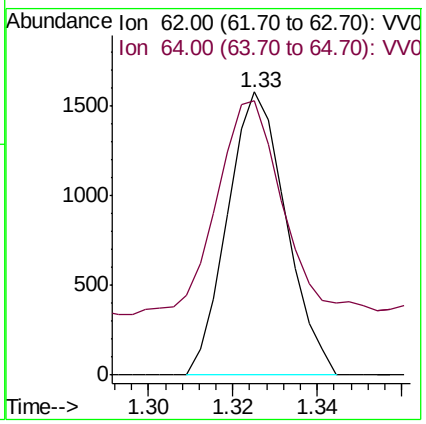


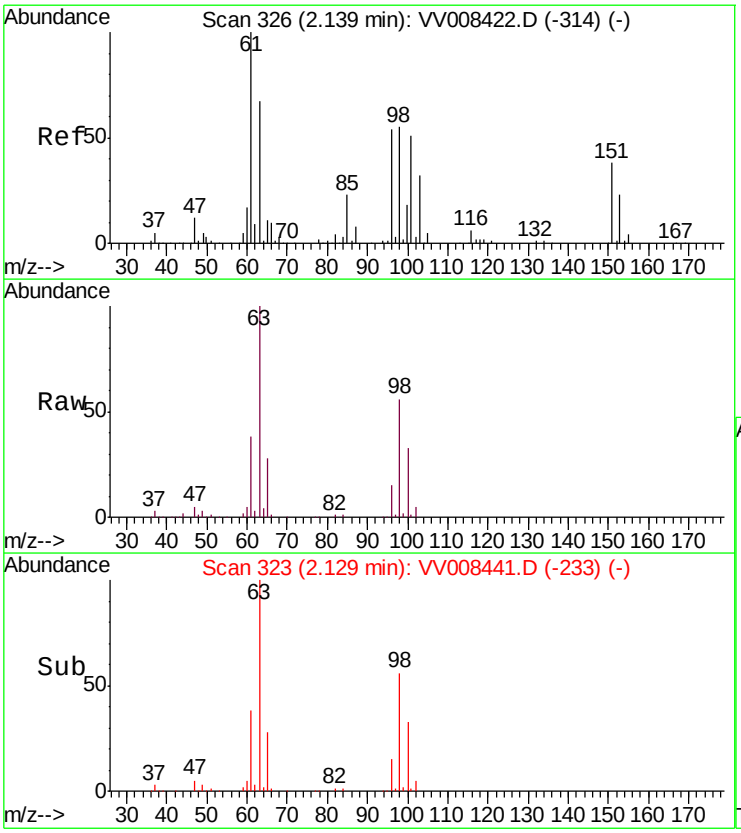
#5
Vinyl chloride
Concen: 1.128 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 62 Resp: 1521

Ion	Ratio	Lower	Upper
62	100		
64	96.9	24.4	45.4#

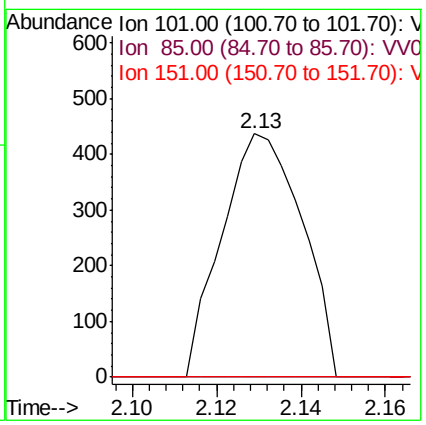


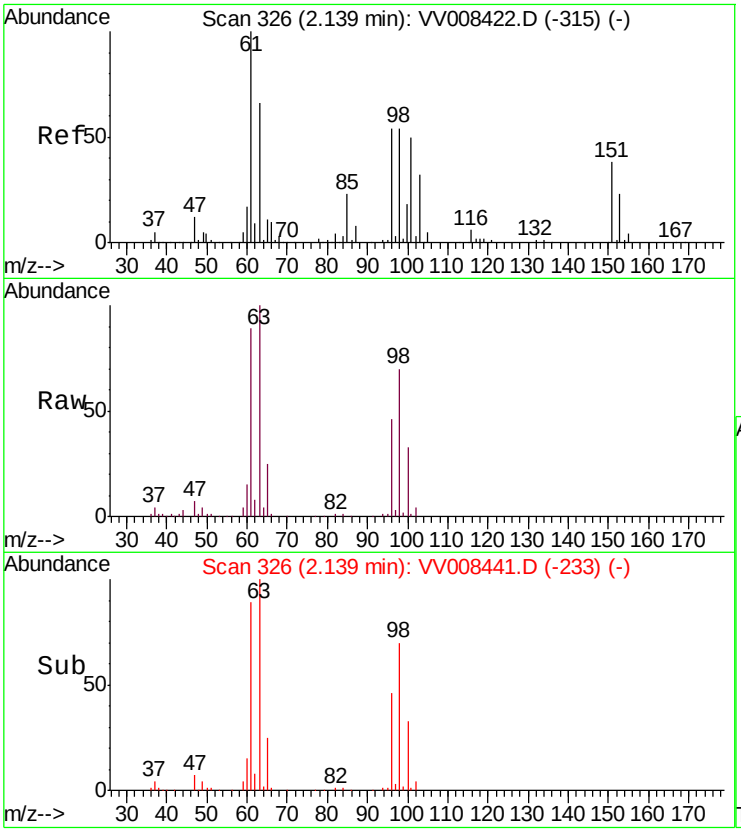


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.638 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Tgt Ion:101 Resp: 578

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	58.1	87.1#



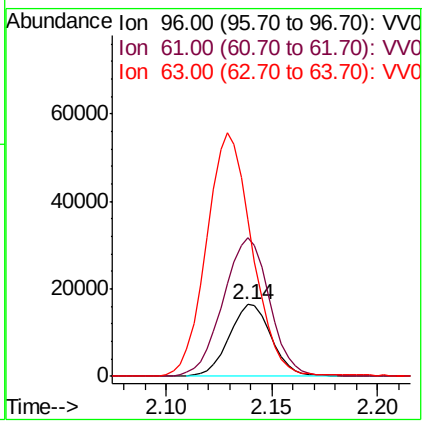


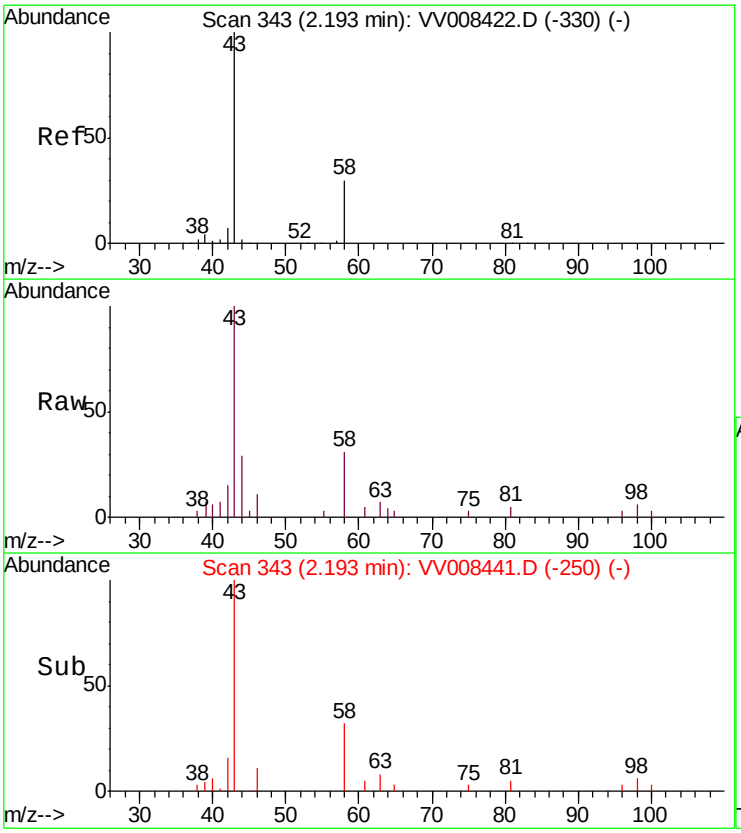
#12
1,1-Dichloroethene
Concen: 26.876 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 96 Resp: 22935

Ion	Ratio	Lower	Upper
96	100		
61	194.0	130.3	242.1
63	218.3	84.4	156.8#

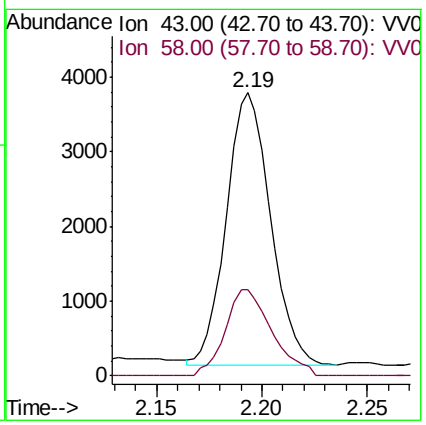


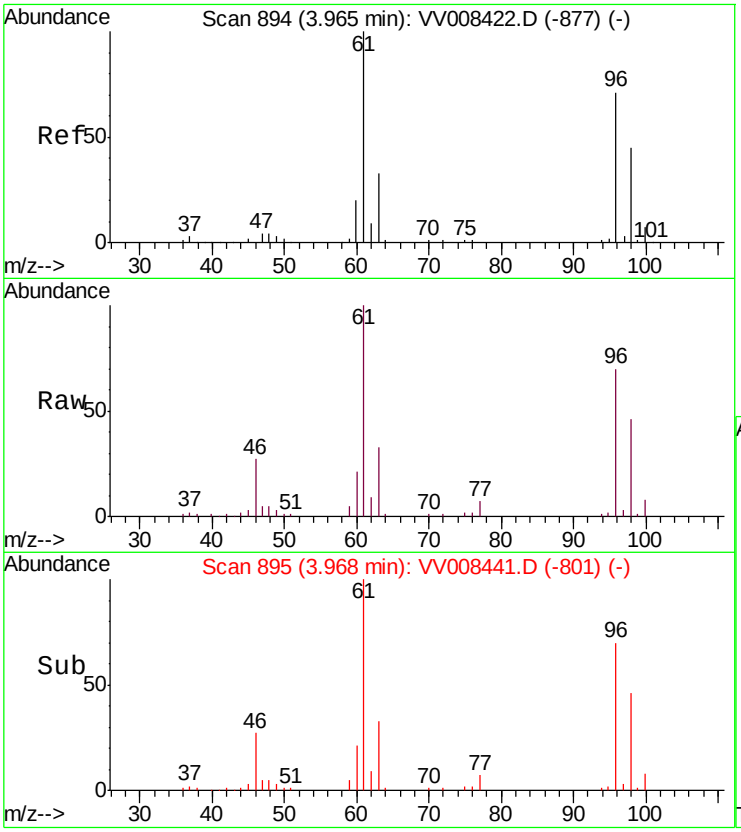


#13
Acetone
Concen: 5.942 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Tgt Ion: 43 Resp: 5278

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	61.4



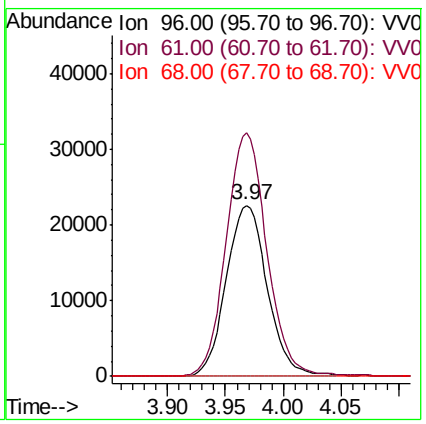


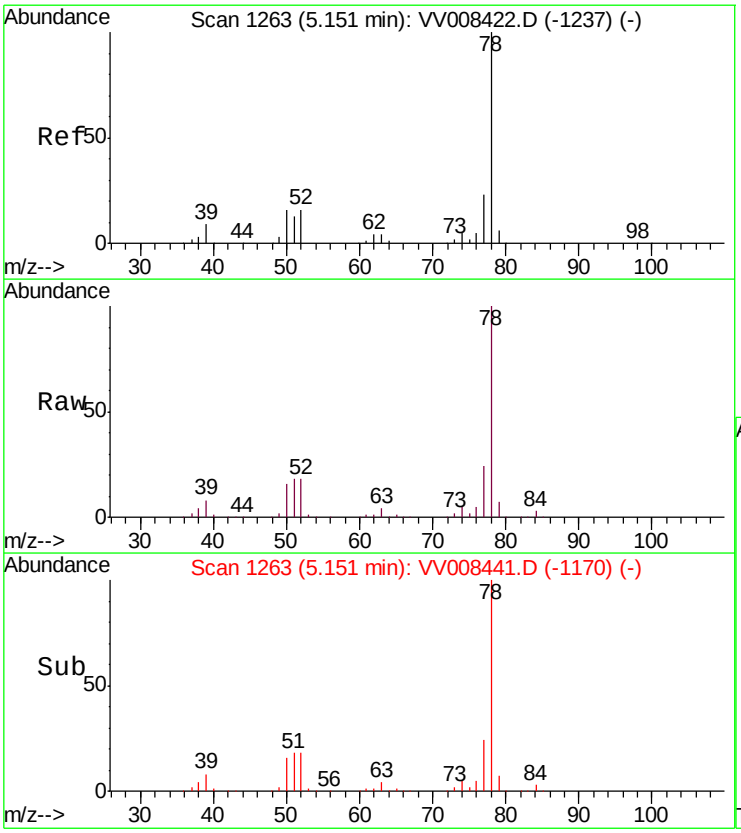
#20
cis-1,2-Dichloroethene
Concen: 37.466 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 96 Resp: 55524

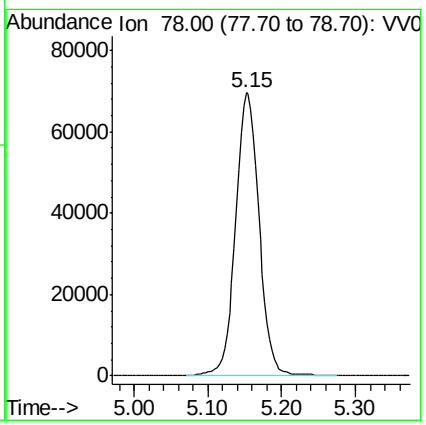
Ion	Ratio	Lower	Upper
96	100		
61	142.2	100.9	187.5
68	0.0	0.0	0.0

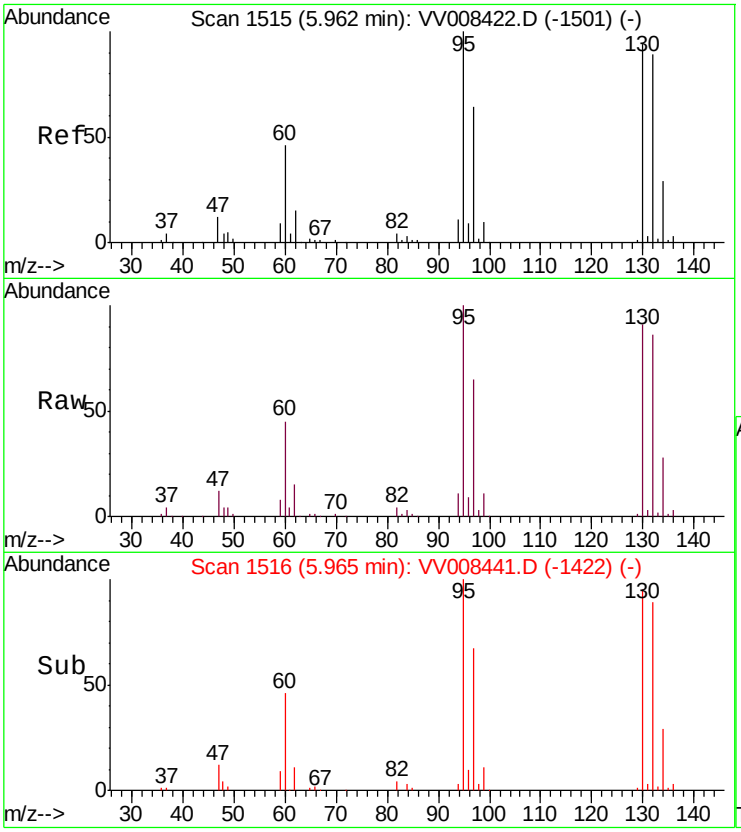




#33
Benzene
Concen: 27.172 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Tgt Ion: 78 Resp: 155080



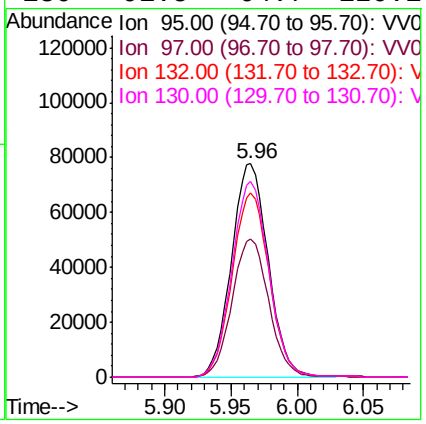


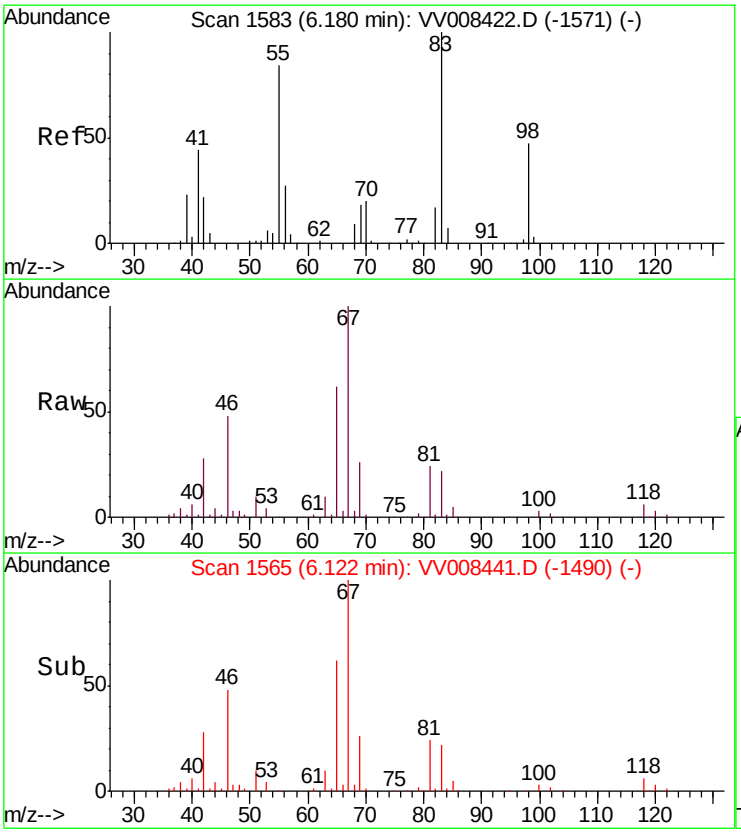
#34
Trichloroethene
Concen: 102.830 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 95 Resp: 150252

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.2	84.0
132	86.4	63.8	118.6
130	91.5	64.7	120.1

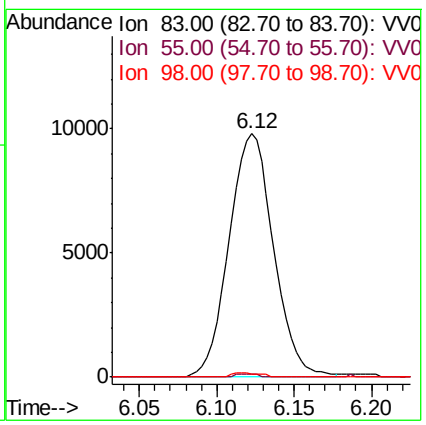


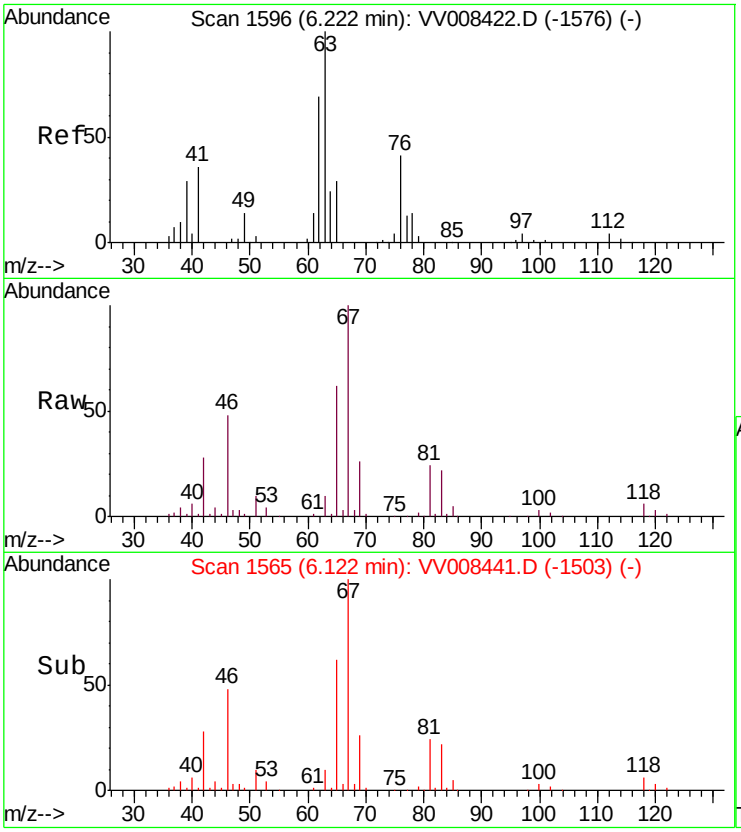


#35
Methylcyclohexane
Concen: 7.904 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Tgt Ion: 83 Resp: 19634

Ion	Ratio	Lower	Upper
83	100		
55	0.6	65.0	97.4#
98	0.7	36.0	54.0#



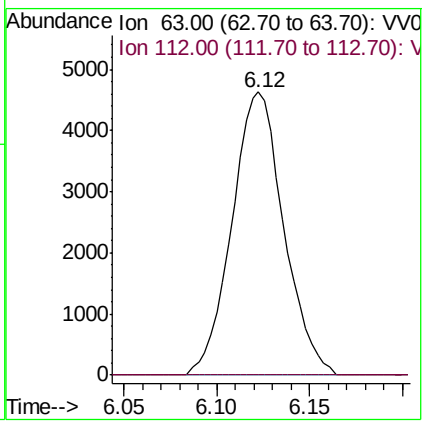


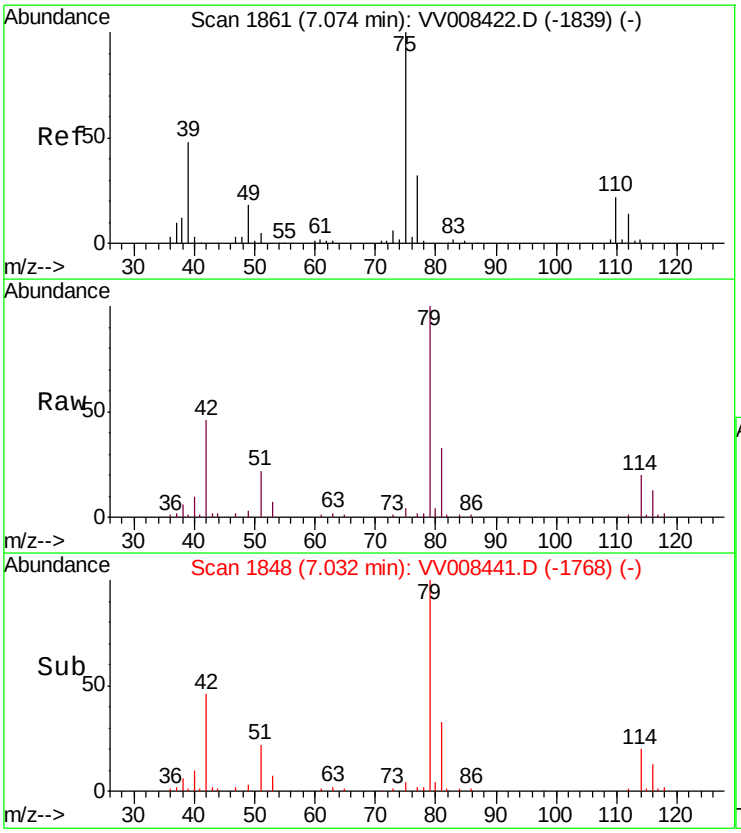
#37
1,2-Dichloropropane
Concen: 5.707 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 63 Resp: 8995

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

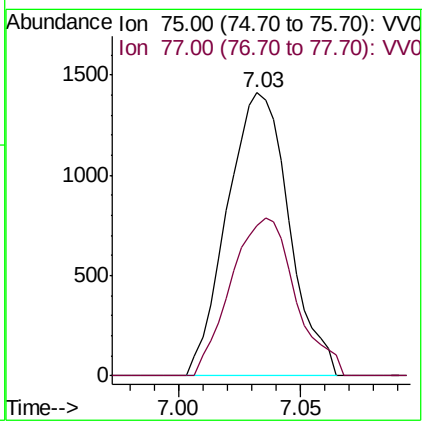


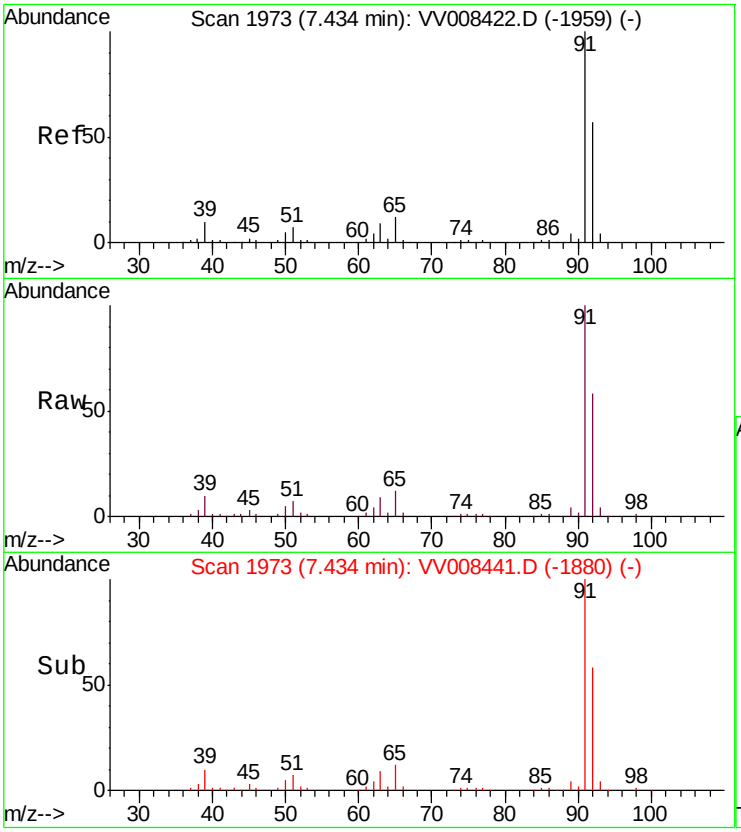


#39
cis-1,3-Dichloropropene
Concen: 1.006 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Tgt Ion: 75 Resp: 2492

Ion	Ratio	Lower	Upper
75	100		
77	53.0	22.6	42.0#



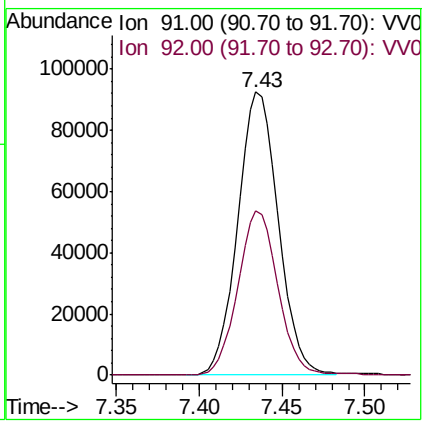


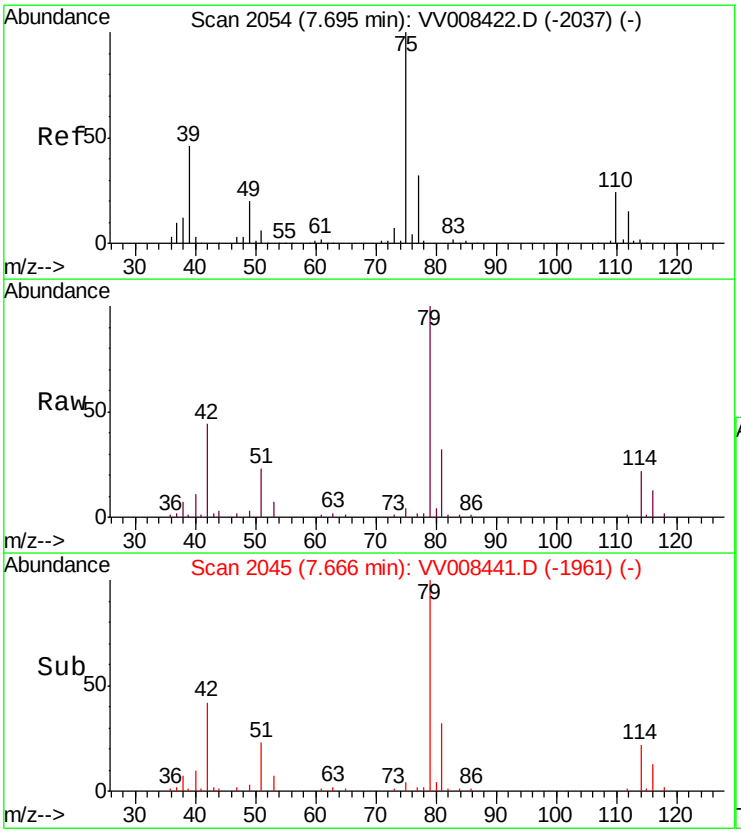
#42
Toluene
Concen: 26.548 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 91 Resp: 157383

Ion	Ratio	Lower	Upper
91	100		
92	57.9	39.5	73.4

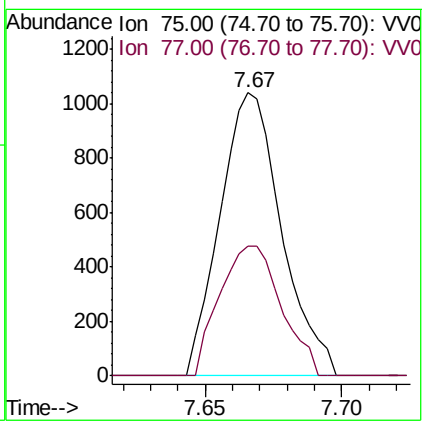


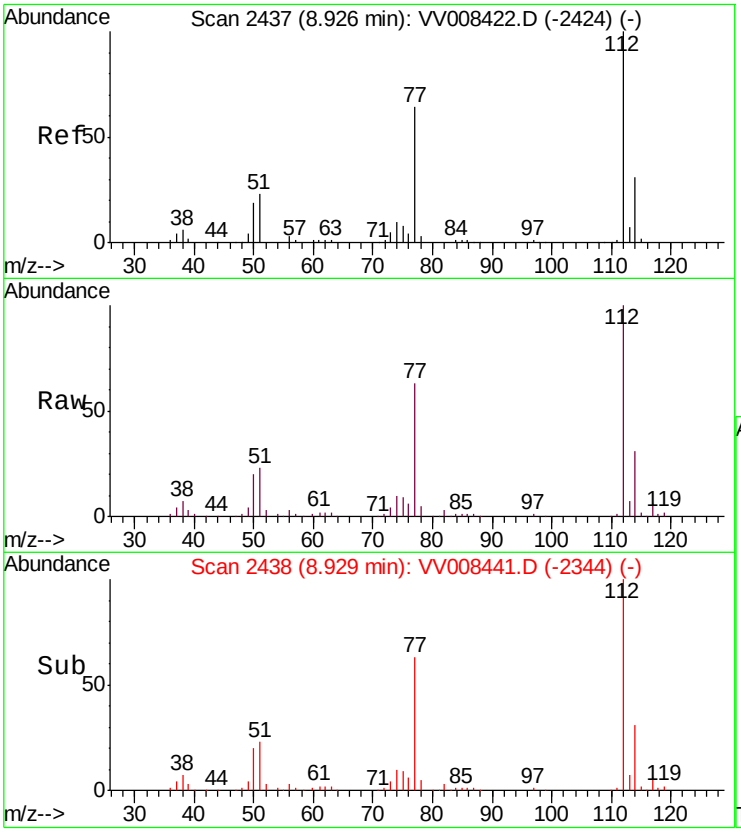


#44
trans-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Tgt Ion: 75 Resp: 1632

Ion	Ratio	Lower	Upper
75	100		
77	45.7	21.8	40.4#





#51
Chlorobenzene
Concen: 26.612 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008441.D
Acq: 26 Oct 2018 18:19

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion:112 Resp: 97142

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.5	41.7
77	62.5	52.0	78.0