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

Quantitation Report (Not Reviewed)

Data File : VV008442.D
Acq On : 26 Oct 2018 18:42
Operator : SY/MD
Sample : J5669-15MSD
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBW4

Quant Time: Oct 27 04:48:41 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	190864	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74514	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50697	47.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.94%			
7) Chloroethane-d5	1.56	69	38547	50.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.04%			
11) 1,1-Dichloroethene-d2	2.13	63	82222	43.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.16%			
21) 2-Butanone-d5	3.94	46	105977	92.27	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.27%			
24) Chloroform-d	4.41	84	120396	46.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.38%			
26) 1,2-Dichloroethane-d4	5.09	65	85599	49.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.24%			
32) Benzene-d6	5.10	84	248368	49.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.38%			
36) 1,2-Dichloropropane-d6	6.12	67	84589	48.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.54%			
41) Toluene-d8	7.36	98	226088	49.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.64%			
43) trans-1,3-Dichloropropene-	7.67	79	39710	46.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.28%			
47) 2-Hexanone-d5	8.14	63	82838	90.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.52%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113715	47.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.82%			
64) 1,2-Dichlorobenzene-d4	11.68	152	76504	50.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.38%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	1127	0.833	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	541	0.595	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	22863	26.698	ug/L #	66
13) Acetone	2.19	43	4667	5.236	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	365	0.280	ug/L	89
20) cis-1,2-Dichloroethene	3.97	96	52888	35.562	ug/L	95
27) 1,2-Dichloroethane	5.15	62	1517	0.691	ug/L #	77
33) Benzene	5.15	78	155309	26.817	ug/L	100
34) Trichloroethene	5.96	95	140650	94.859	ug/L	99
37) 1,2-Dichloropropane	6.12	63	9181	5.740	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	2379	0.946	ug/L #	72
42) Toluene	7.43	91	158474	26.343	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	1520	0.646	ug/L #	73
51) Chlorobenzene	8.93	112	96238	25.981	ug/L	100
59) 1,2,3-Trichloropropane	11.30	75	9690	4.834	ug/L	91

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

Quantitation Report (Not Reviewed)

Data File : VV008442.D
Acq On : 26 Oct 2018 18:42
Operator : SY/MD
Sample : J5669-15MSD
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBW4

Quant Time: Oct 27 04:48:41 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)

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

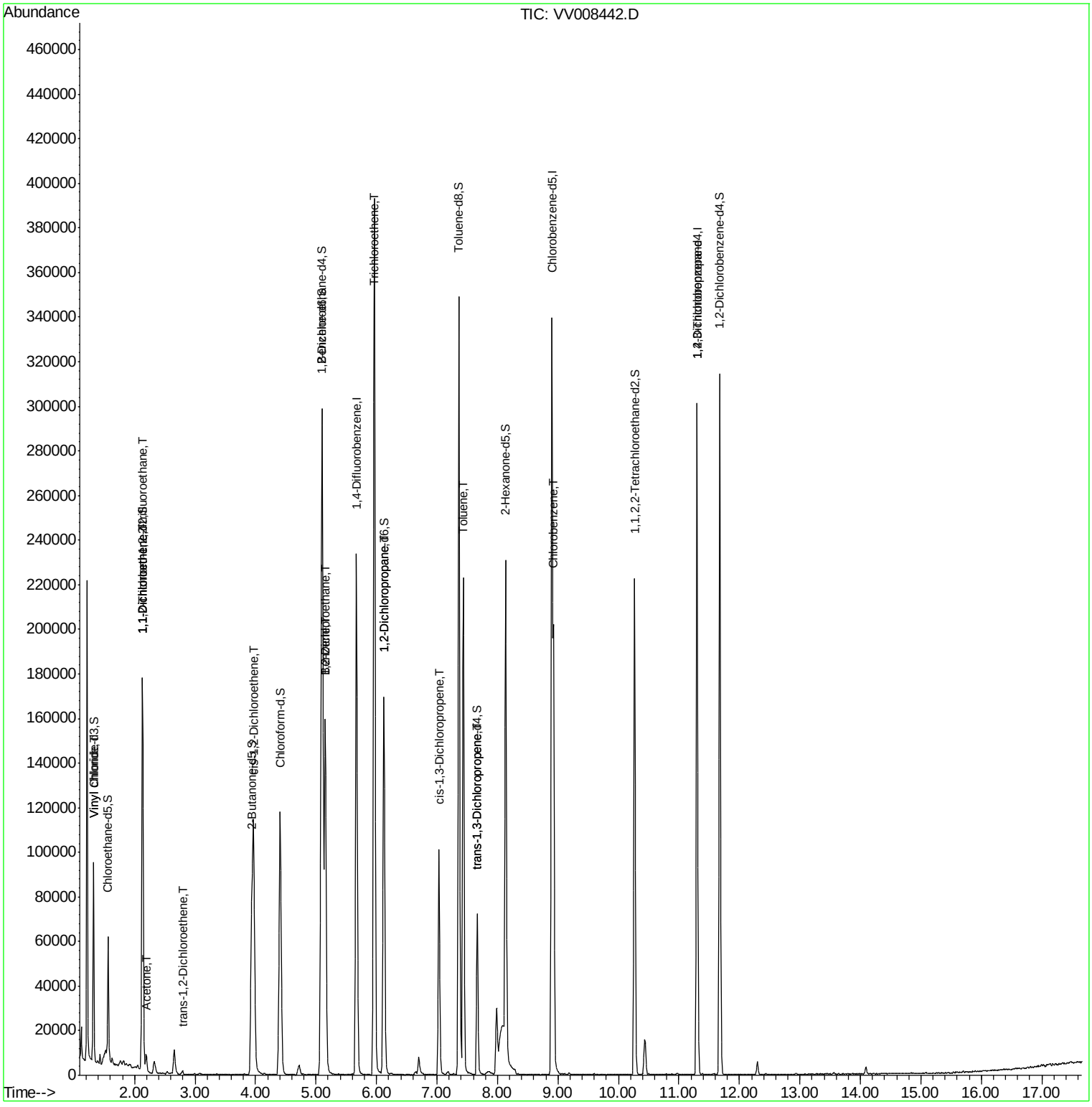
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102618\

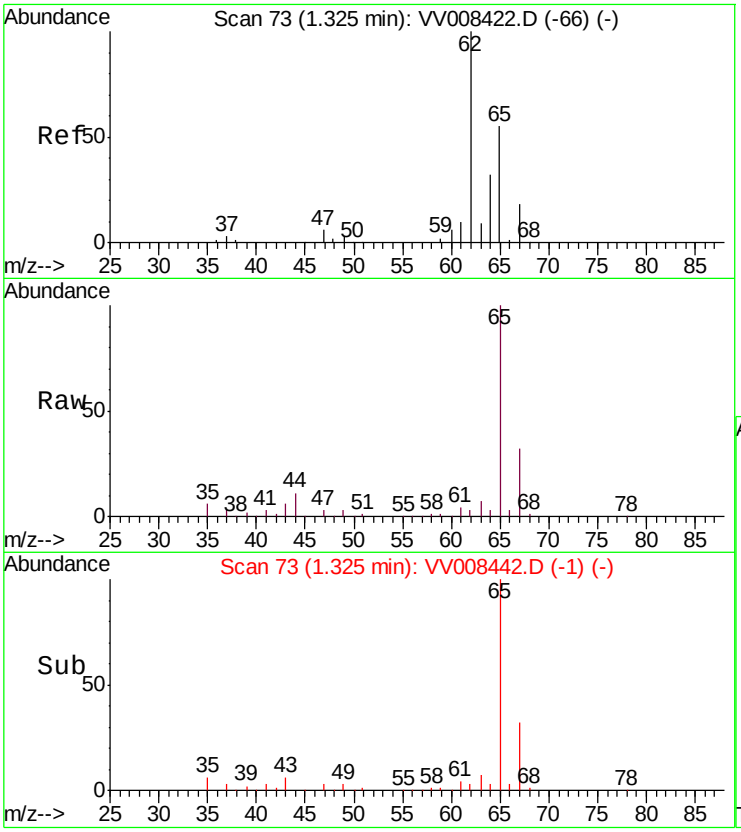
Quantitation Report (Not Reviewed)

Data File : VV008442.D
Acq On : 26 Oct 2018 18:42
Operator : SY/MD
Sample : J5669-15MSD
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Quant Time: Oct 27 04:48:41 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



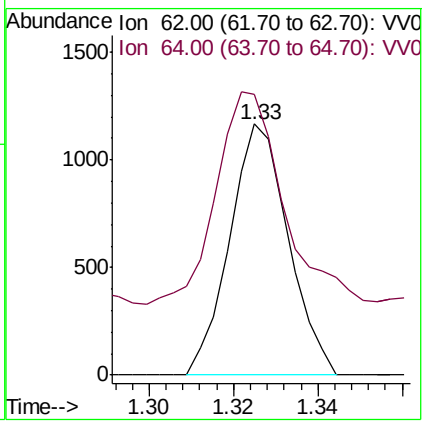


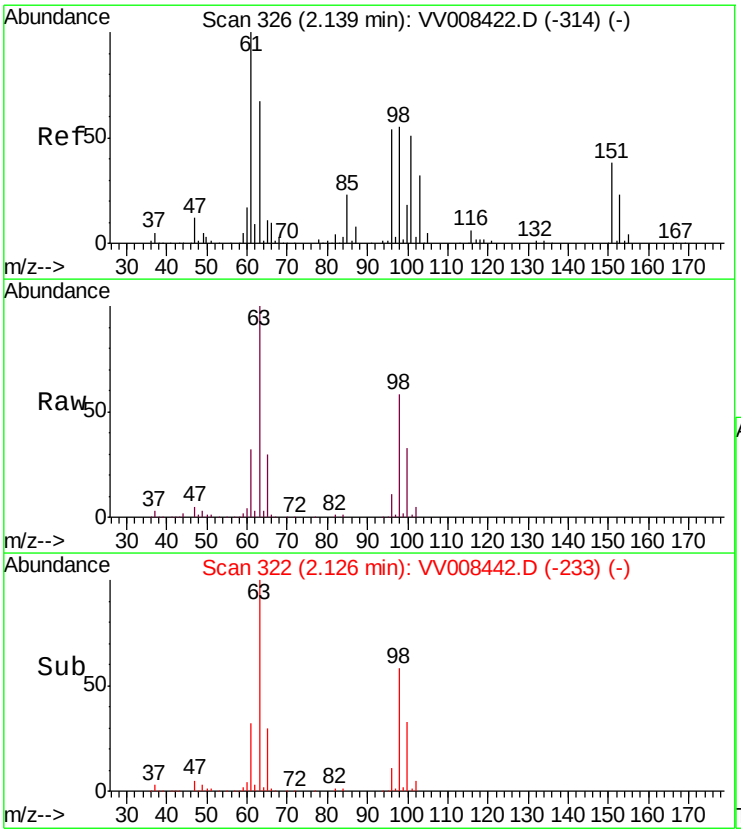
#5
Vinyl chloride
Concen: 0.833 ug/L
RT: 1.33 min Scan# 73
Delta R.T. -0.00 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 62 Resp: 1127

Ion	Ratio	Lower	Upper
62	100		
64	111.7	24.4	45.4#

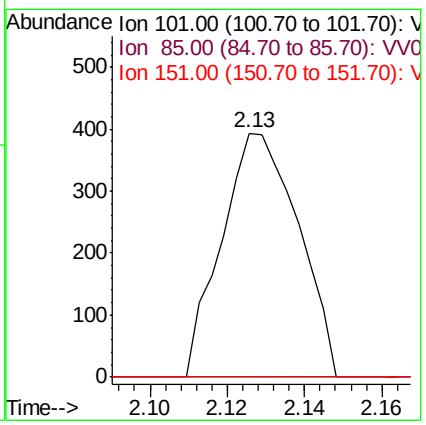


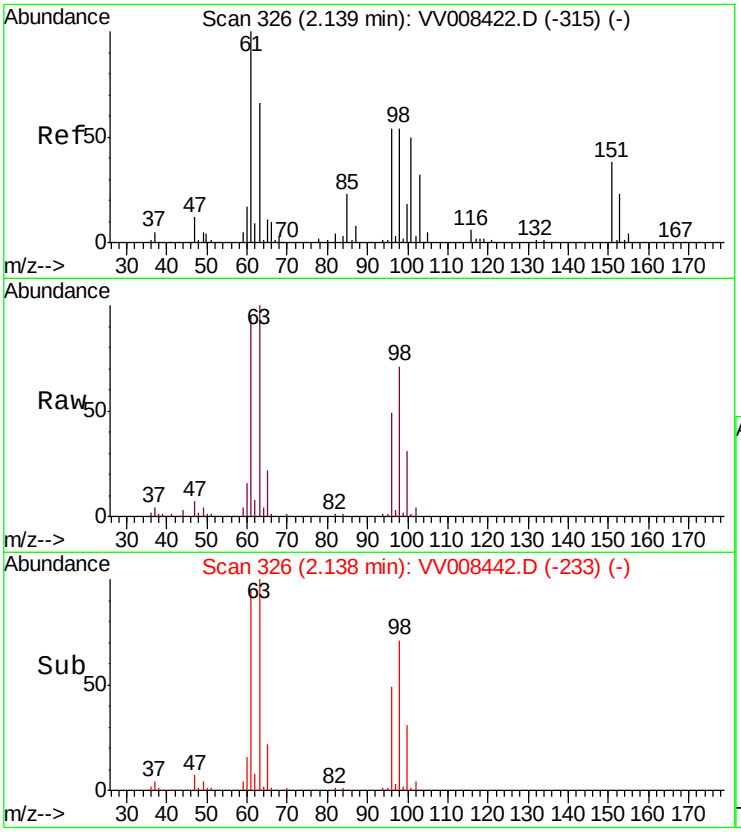


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.595 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Tgt Ion:101 Resp: 541

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



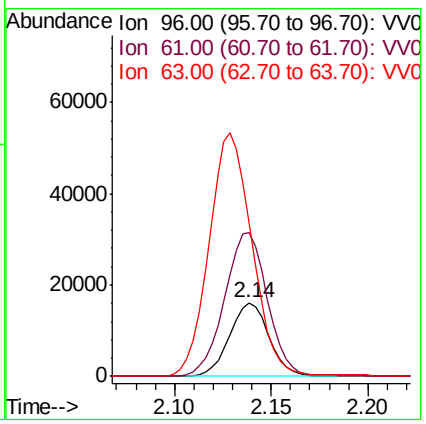


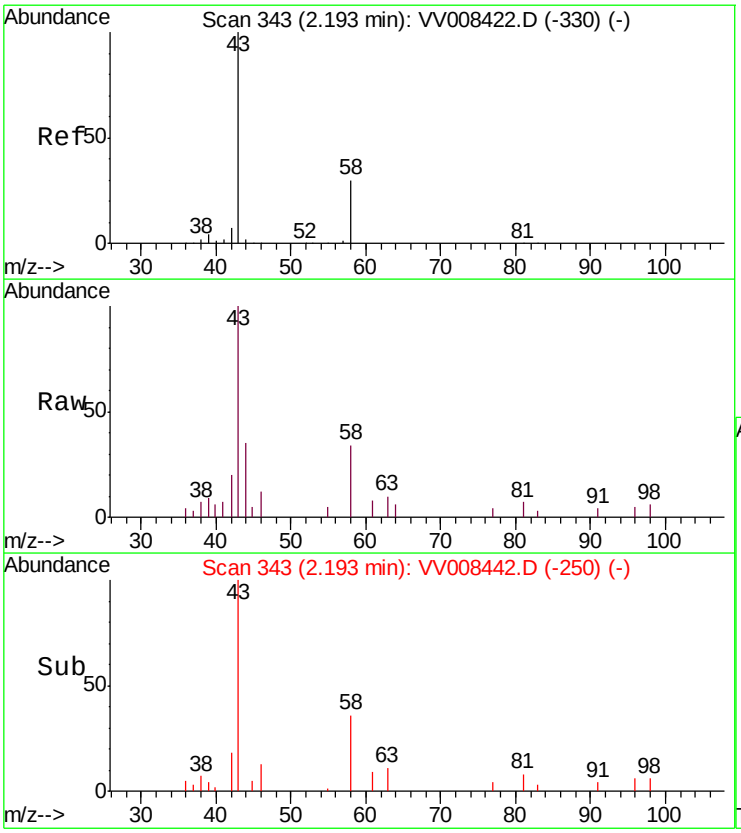
#12
1,1-Dichloroethene
Concen: 26.698 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Instrument : MSVOA_V
ClientSampleId : ETBW4

Tgt Ion: 96 Resp: 22863

Ion	Ratio	Lower	Upper
96	100		
61	195.4	130.3	242.1
63	205.8	84.4	156.8#

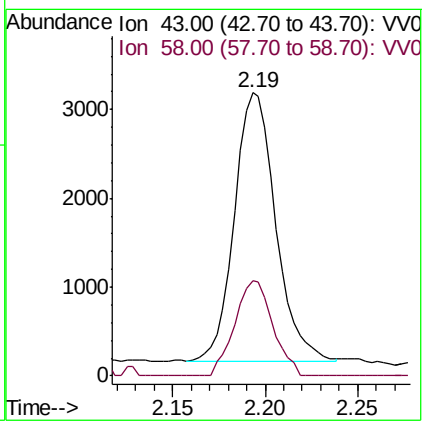


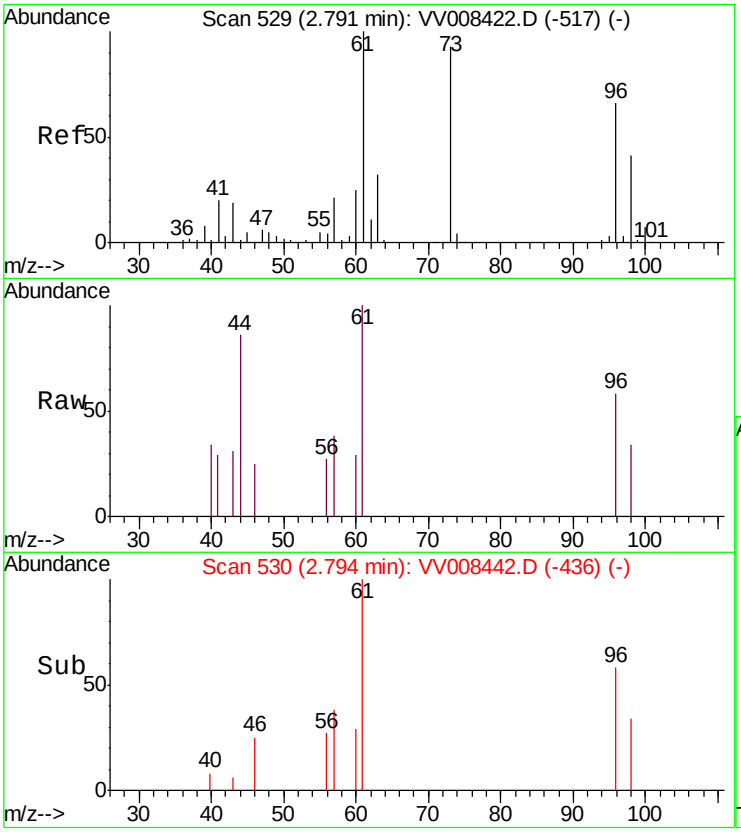


#13
Acetone
Concen: 5.236 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.00 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Tgt Ion: 43 Resp: 4667

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	61.4



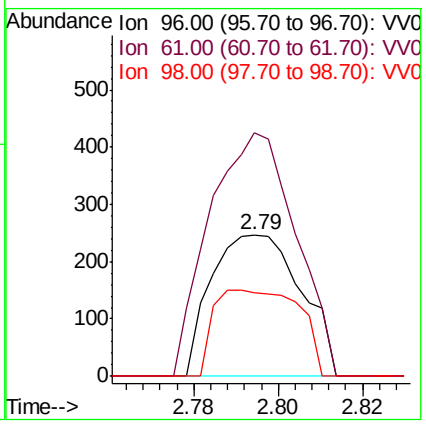


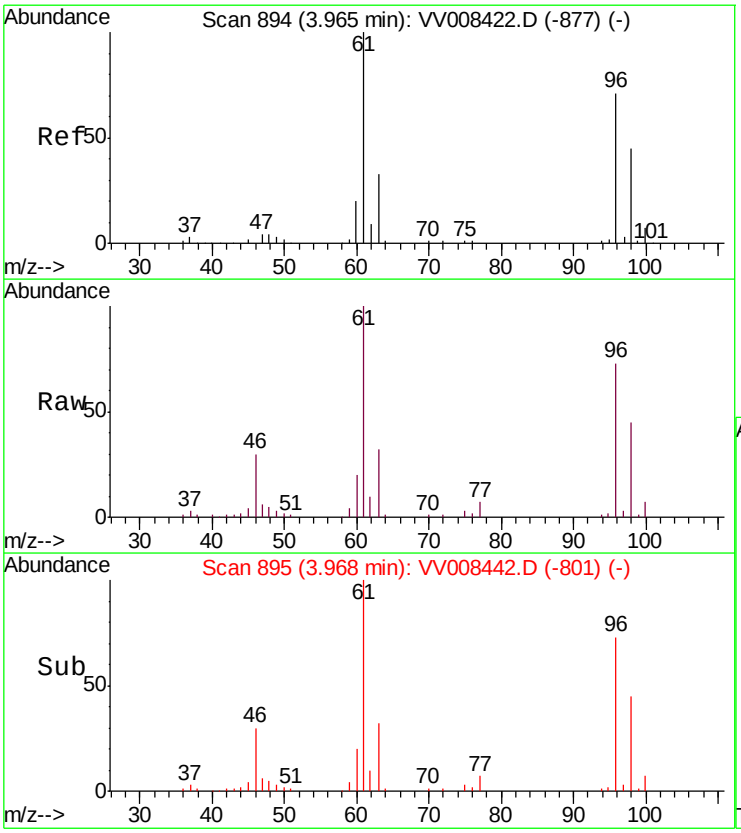
#17
trans-1,2-Dichloroethene
Concen: 0.280 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 96 Resp: 365

Ion	Ratio	Lower	Upper
96	100		
61	172.1	108.6	201.6
98	58.7	44.3	82.3

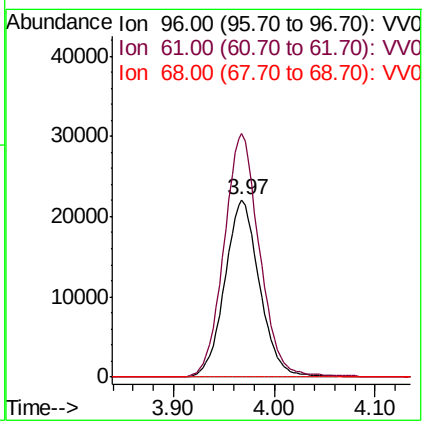


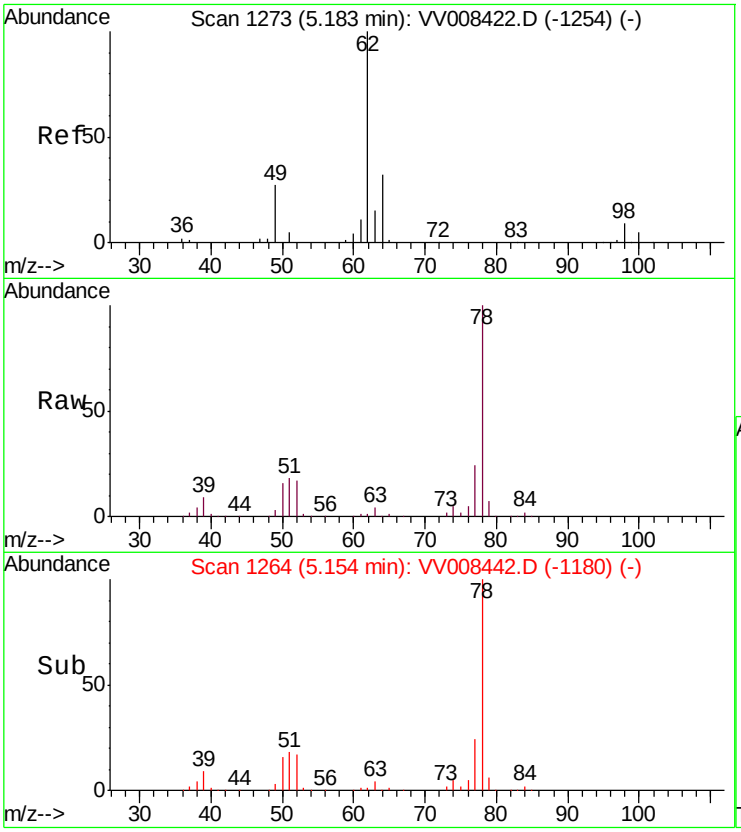


#20
cis-1,2-Dichloroethene
Concen: 35.562 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Tgt Ion: 96 Resp: 52888

Ion	Ratio	Lower	Upper
96	100		
61	137.5	100.9	187.5
68	0.0	0.0	0.0



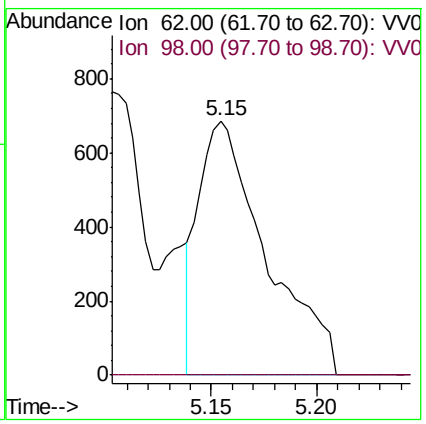


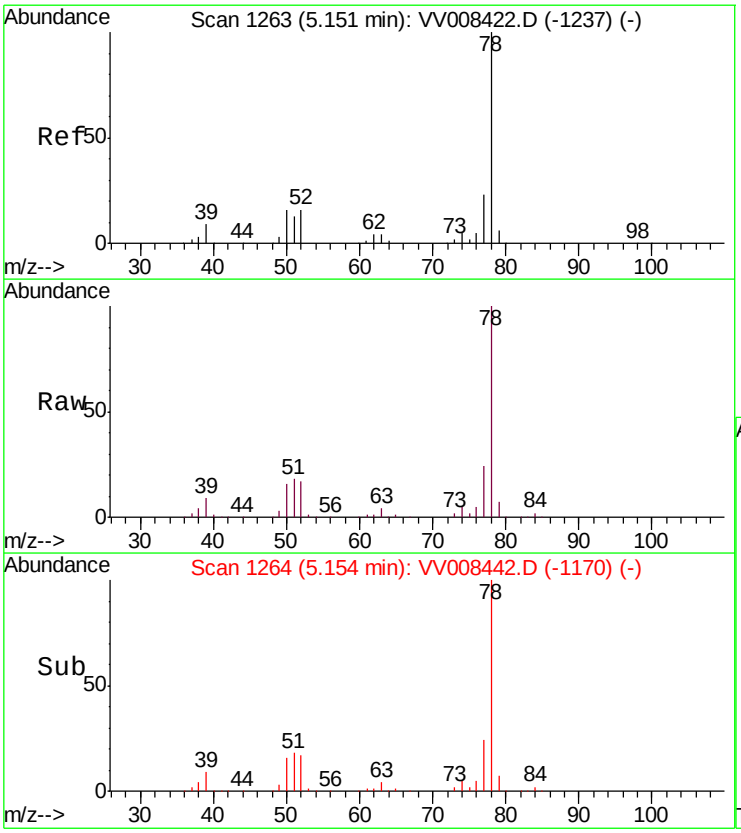
#27
1,2-Dichloroethane
Concen: 0.691 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. -0.03 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 62 Resp: 1517

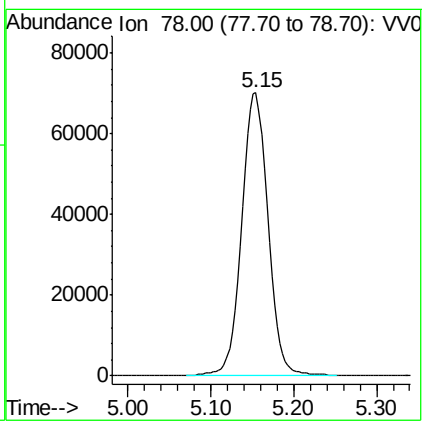
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	9.8#

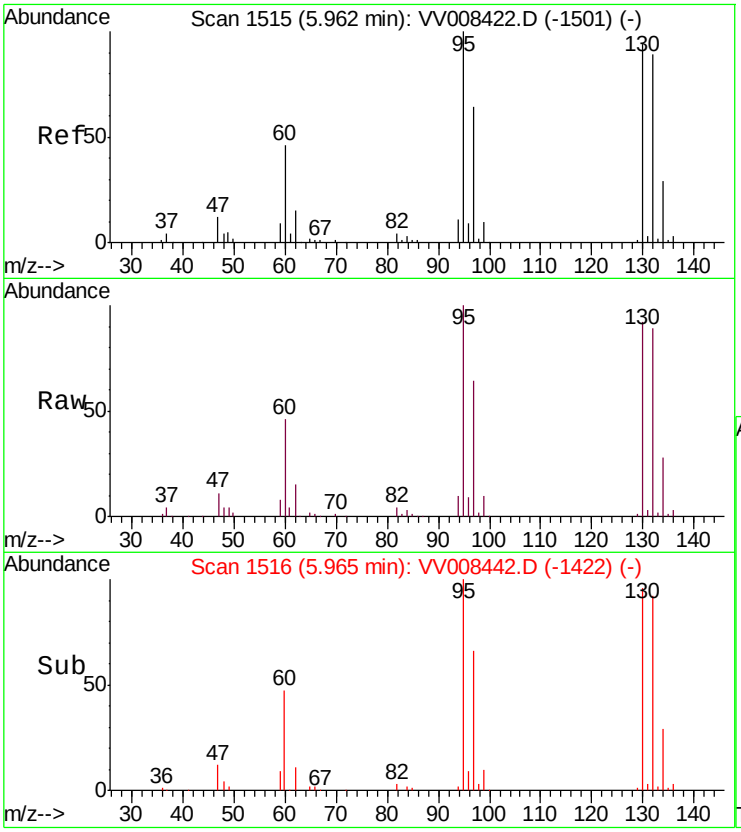




#33
Benzene
Concen: 26.817 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Tgt Ion: 78 Resp: 155309



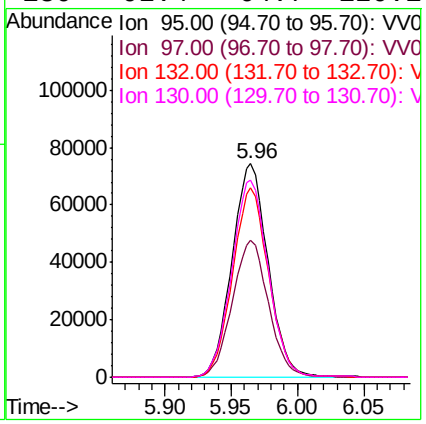


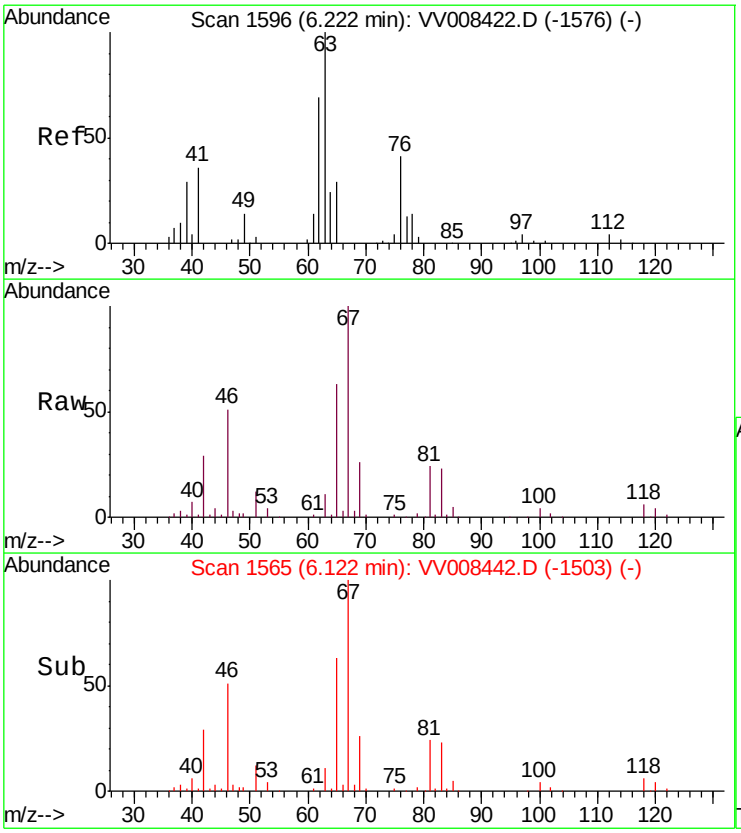
#34
Trichloroethene
Concen: 94.859 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 95 Resp: 140650

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.2	84.0
132	88.7	63.8	118.6
130	92.4	64.7	120.1

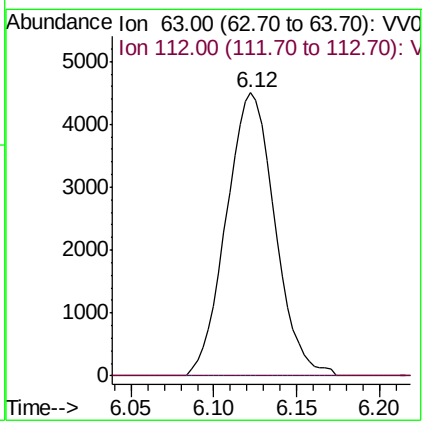


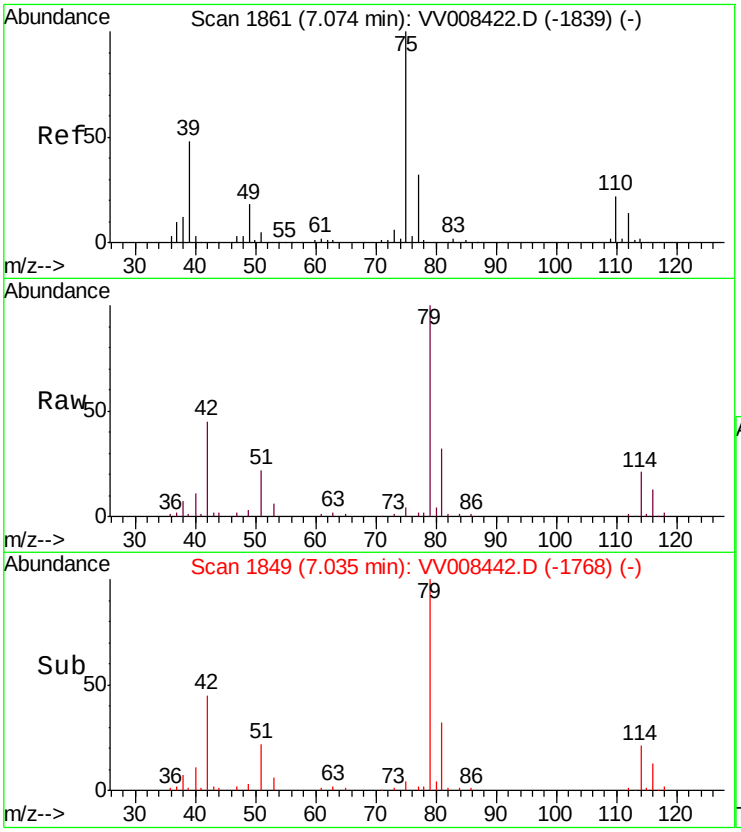


#37
1,2-Dichloropropane
Concen: 5.740 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Tgt Ion: 63 Resp: 9181

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



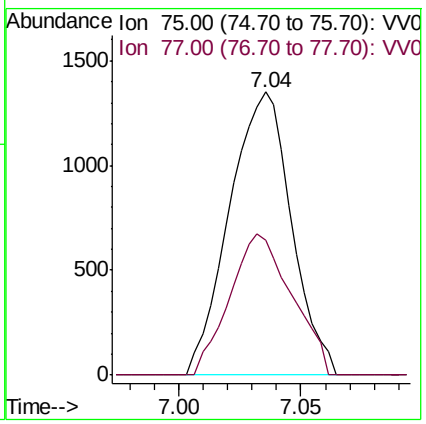


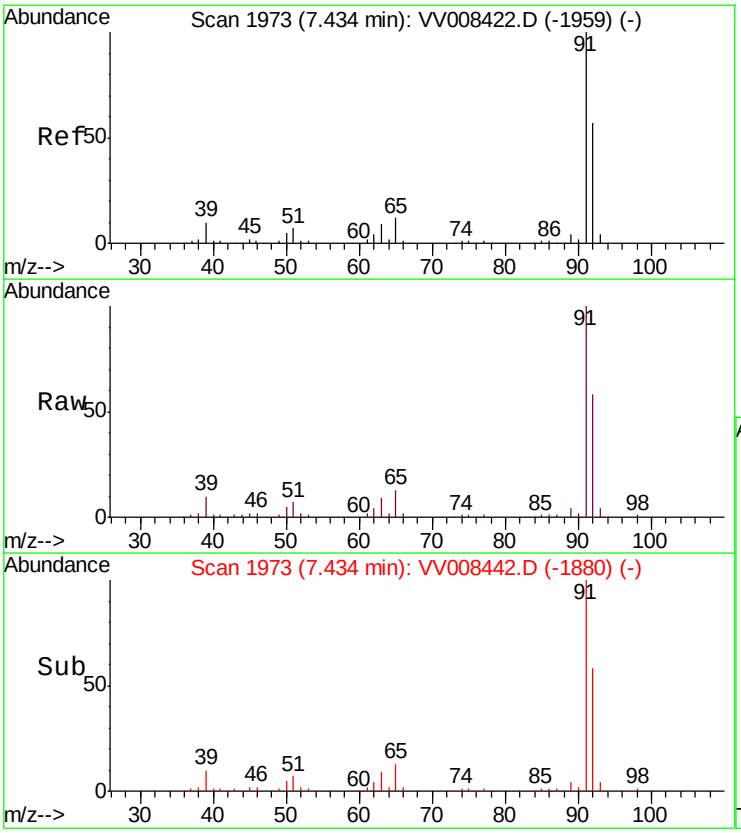
#39
cis-1,3-Dichloropropene
Concen: 0.946 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 75 Resp: 2379

Ion	Ratio	Lower	Upper
75	100		
77	47.8	22.6	42.0#

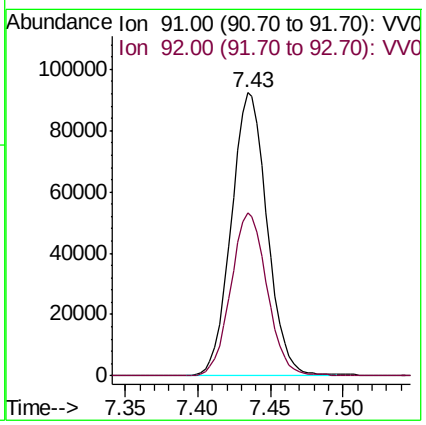


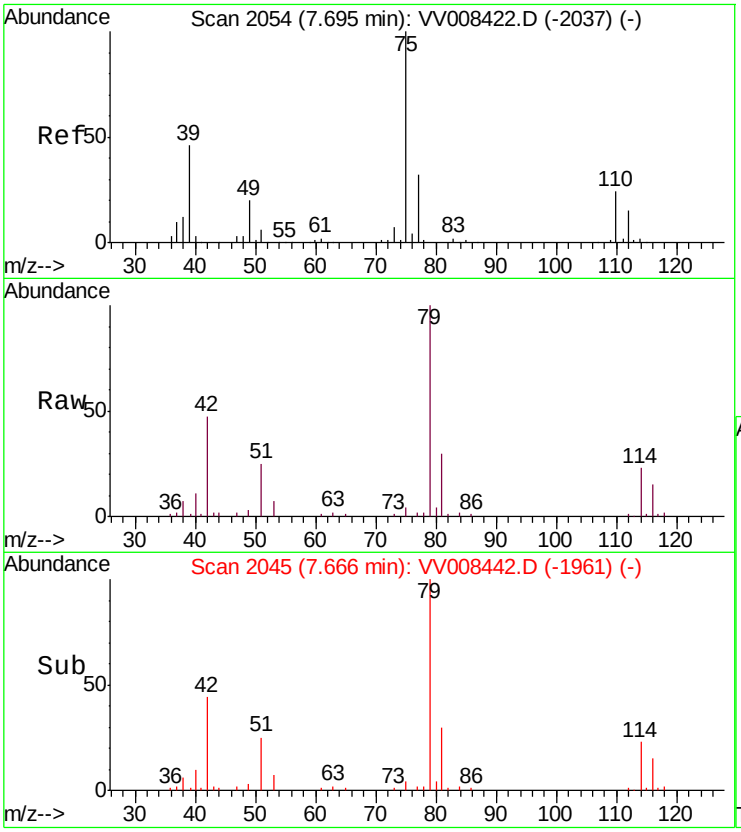


#42
Toluene
Concen: 26.343 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Tgt Ion: 91 Resp: 158474

Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.5	73.4



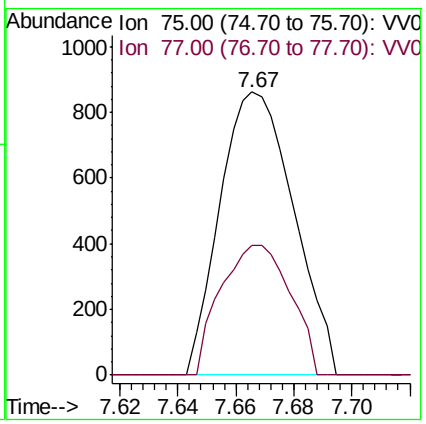


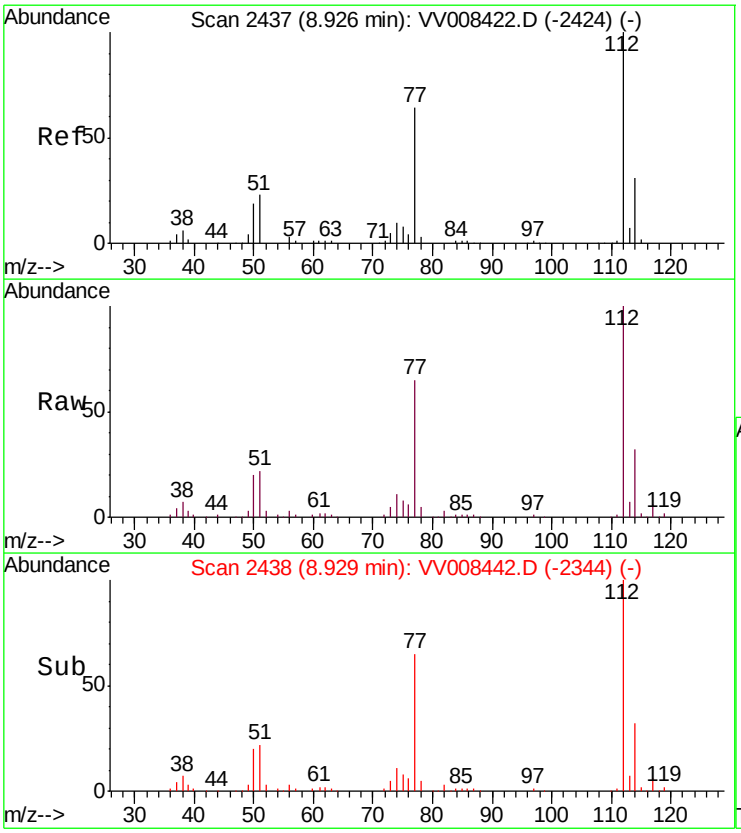
#44
trans-1,3-Dichloropropene
Concen: 0.646 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 75 Resp: 1520

Ion	Ratio	Lower	Upper
75	100		
77	45.9	21.8	40.4#

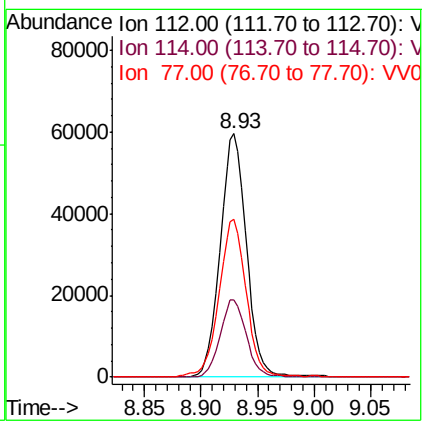


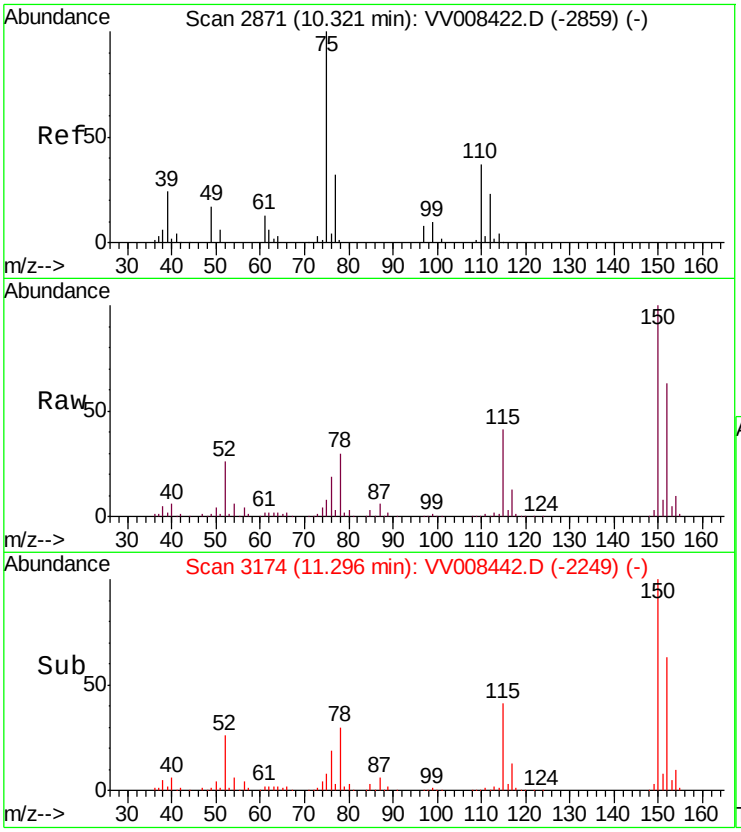


#51
Chlorobenzene
Concen: 25.981 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Tgt Ion:112 Resp: 96238

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	64.7	52.0	78.0





#59
1,2,3-Trichloropropane
Concen: 4.834 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008442.D
Acq: 26 Oct 2018 18:42

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 75 Resp: 9690

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.8	38.8