Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102918\

Quantitation Report (Not Reviewed)

Data File : VV008457.D
Acq On : 29 Oct 2018 16:38
Operator : SY/MD
Sample : J5669-20
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBR2

Quant Time: Oct 30 07:45:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	184375	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169240	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70130	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46565	45.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.24%			
7) Chloroethane-d5	1.56	69	37809	51.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.13	63	65335	35.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.86%			
21) 2-Butanone-d5	3.94	46	111067	100.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.11%			
24) Chloroform-d	4.41	84	119532	47.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.94%			
26) 1,2-Dichloroethane-d4	5.09	65	84124	49.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.94%			
32) Benzene-d6	5.10	84	244411	50.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.36%			
36) 1,2-Dichloropropane-d6	6.12	67	84237	50.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.64%			
41) Toluene-d8	7.36	98	219851	50.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.42%			
43) trans-1,3-Dichloropropene-	7.67	79	40243	49.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.96%			
47) 2-Hexanone-d5	8.14	63	87176	99.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.73%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	116453	51.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.72%			
64) 1,2-Dichlorobenzene-d4	11.68	152	75289	52.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.96%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	48913	37.430	ug/L	86
8) Chloroethane	1.55	64	1287	1.875	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	551	0.627	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	1733	2.095	ug/L #	1
13) Acetone	2.19	43	5784	6.717	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	1482	1.175	ug/L	92
19) 1,1-Dichloroethane	3.24	63	1411	0.543	ug/L #	96
20) cis-1,2-Dichloroethene	3.97	96	507870	353.512	ug/L	96
34) Trichloroethene	5.96	95	896	0.633	ug/L #	74
35) Methylcyclohexane	6.12	83	19242	7.991	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8774	5.743	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	2336	0.973	ug/L #	62
42) Toluene	7.44	91	3268	0.569	ug/L	96
44) trans-1,3-Dichloropropene	7.67	75	1702	0.757	ug/L #	77
59) 1,2,3-Trichloropropane	11.30	75	9234	4.823	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102918\

Quantitation Report (Not Reviewed)

Data File : VV008457.D
Acq On : 29 Oct 2018 16:38
Operator : SY/MD
Sample : J5669-20
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBR2

Quant Time: Oct 30 07:45:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

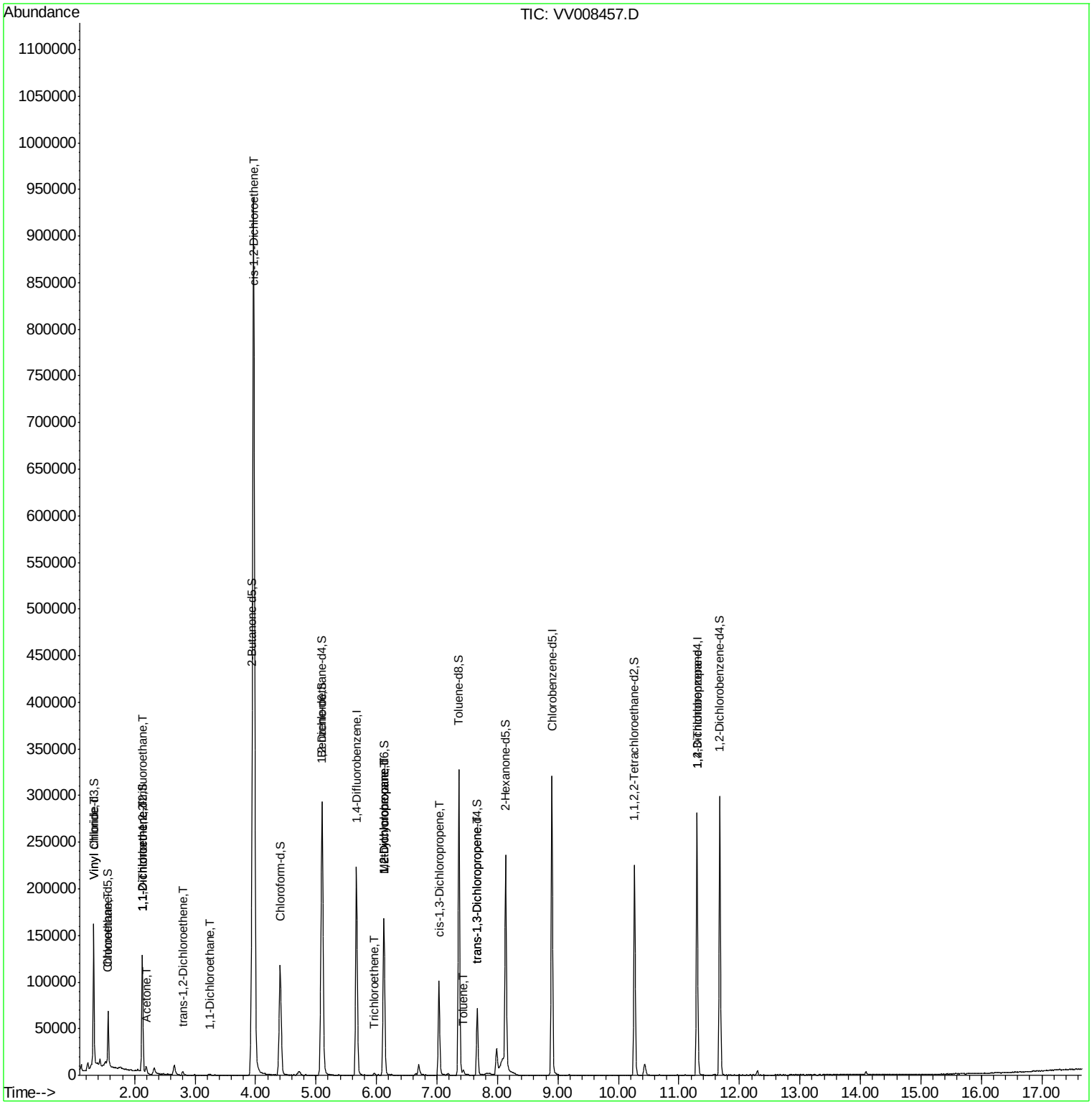
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102918\

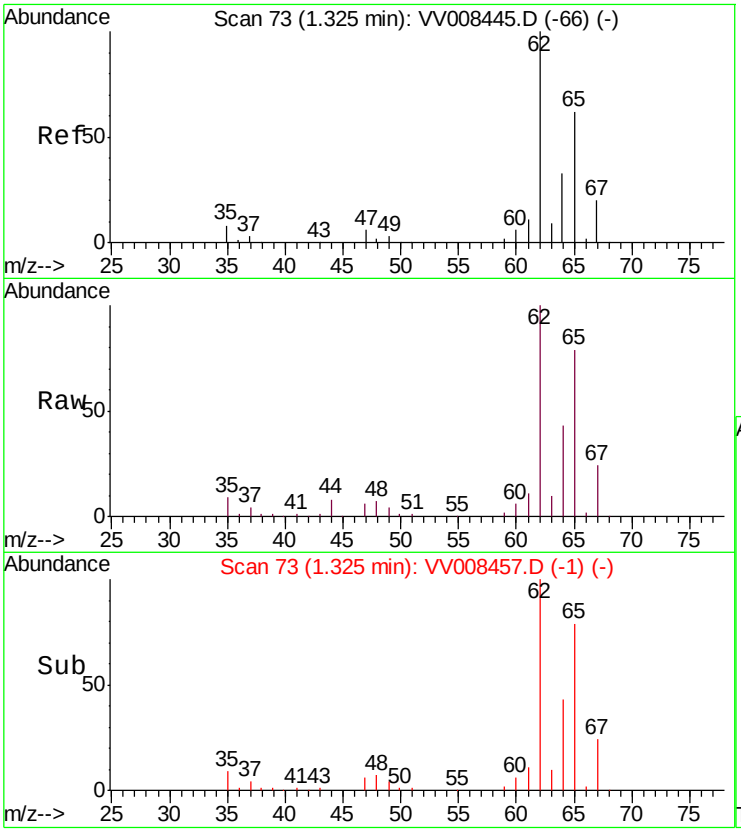
Quantitation Report (Not Reviewed)

Data File : VV008457.D
Acq On : 29 Oct 2018 16:38
Operator : SY/MD
Sample : J5669-20
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBR2

Quant Time: Oct 30 07:45:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration



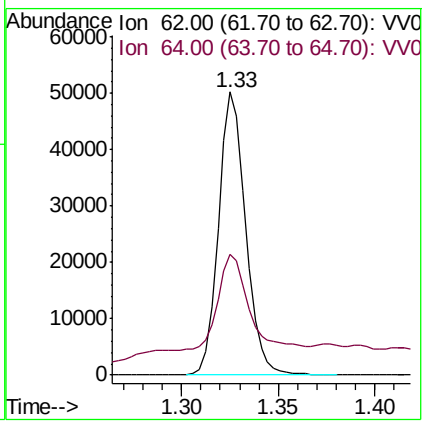


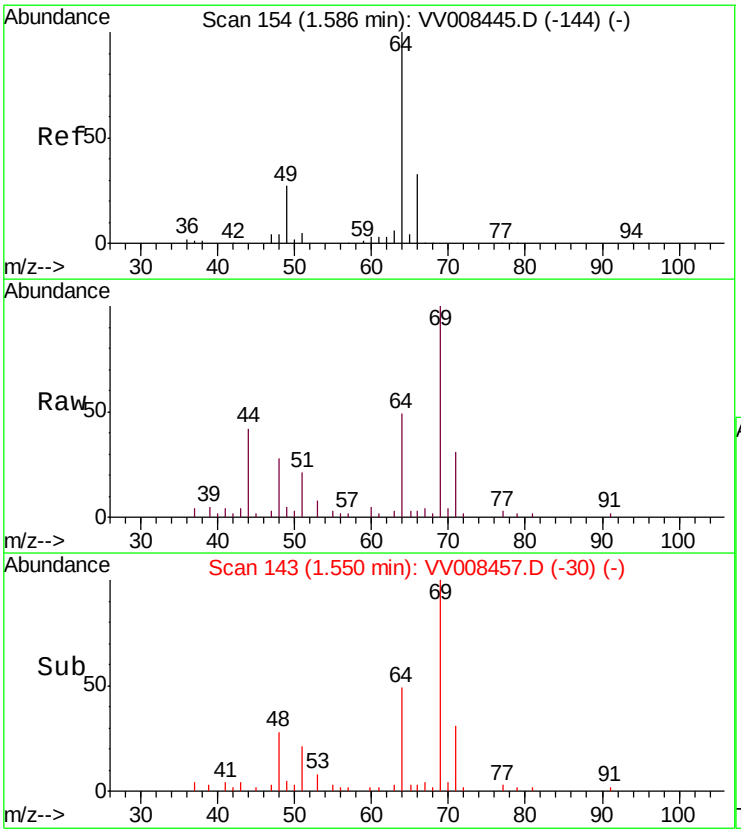
#5
Vinyl chloride
Concen: 37.430 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Instrument :
MSVOA_V
ClientSampleId :
ETBR2

Tgt Ion: 62 Resp: 48913

Ion	Ratio	Lower	Upper
62	100		
64	42.8	24.4	45.4

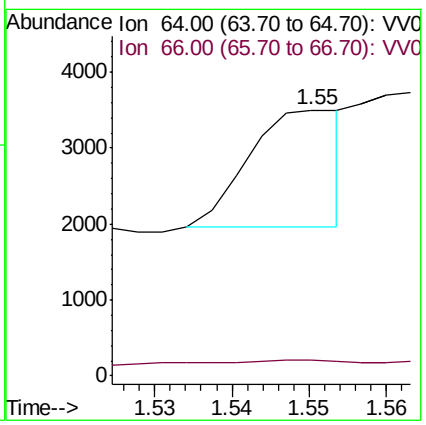


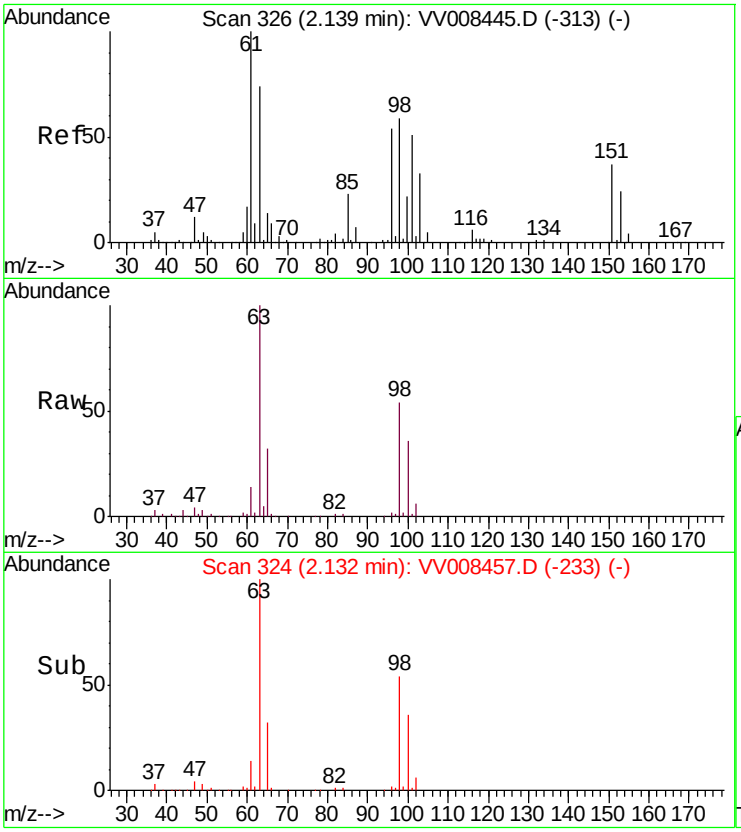


#8
Chloroethane
Concen: 1.875 ug/L
RT: 1.55 min Scan# 143
Delta R.T. -0.04 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Tgt Ion: 64 Resp: 1287

Ion	Ratio	Lower	Upper
64	100		
66	6.1	19.9	36.9#



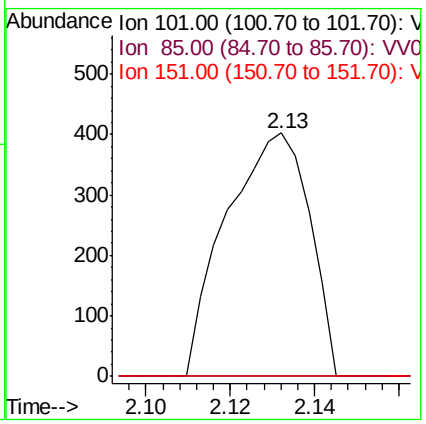


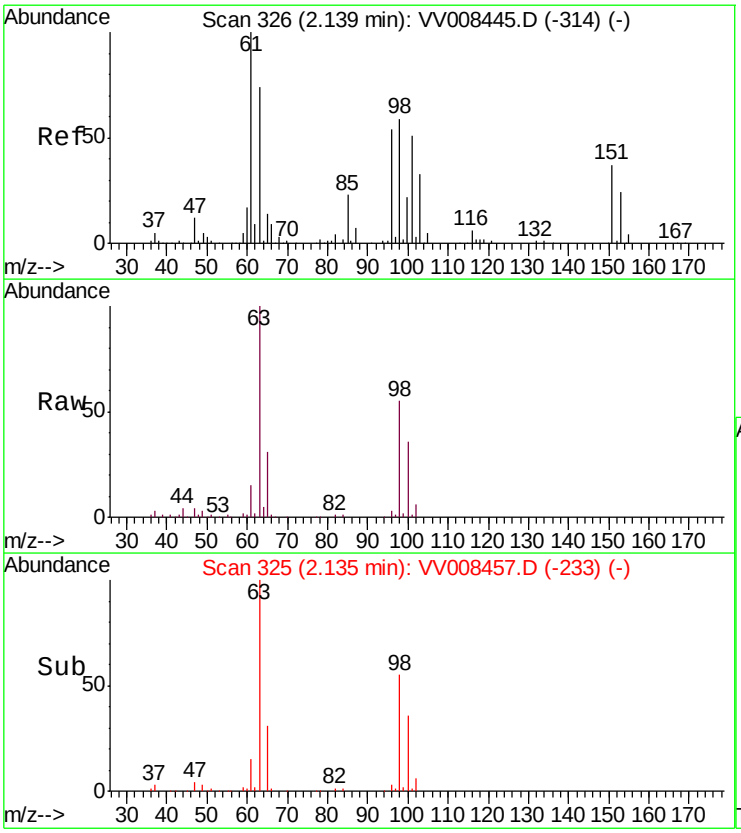
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.627 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Instrument : MSVOA_V
ClientSampleId : ETBR2

Tgt Ion:101 Resp: 551

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

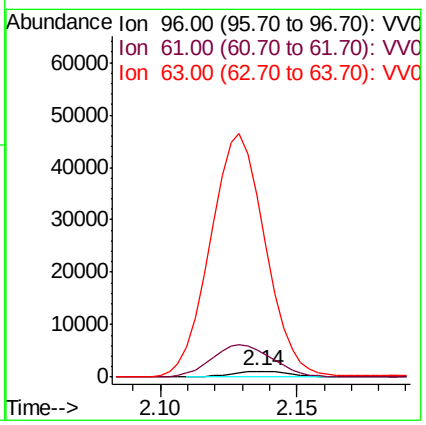


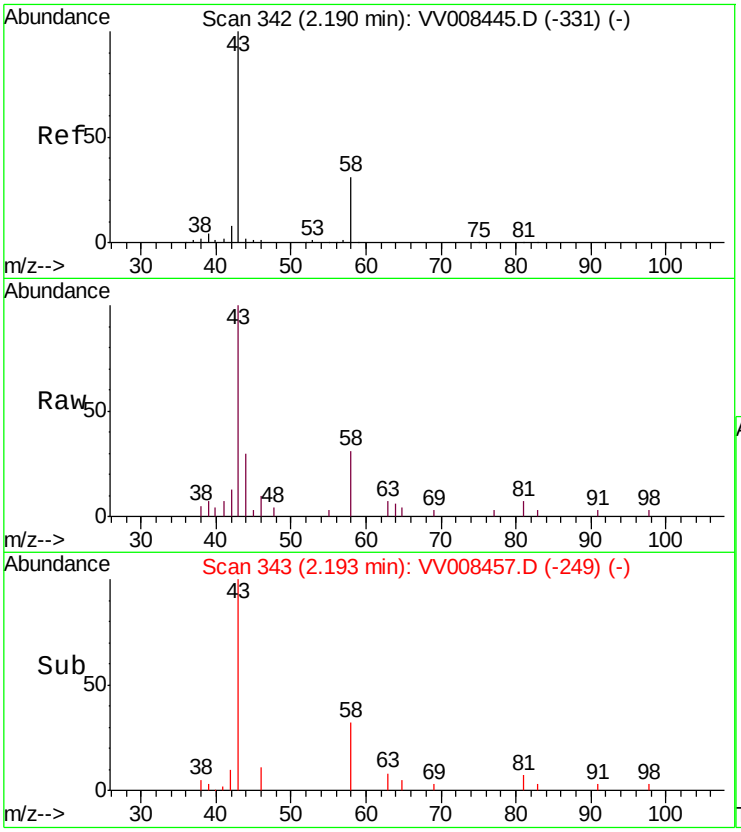


#12
1,1-Dichloroethene
Concen: 2.095 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Tgt Ion: 96 Resp: 1733

Ion	Ratio	Lower	Upper
96	100		
61	473.3	130.3	242.1#
63	3105.0	84.4	156.8#



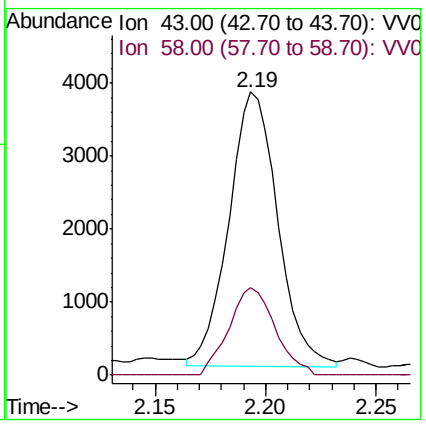


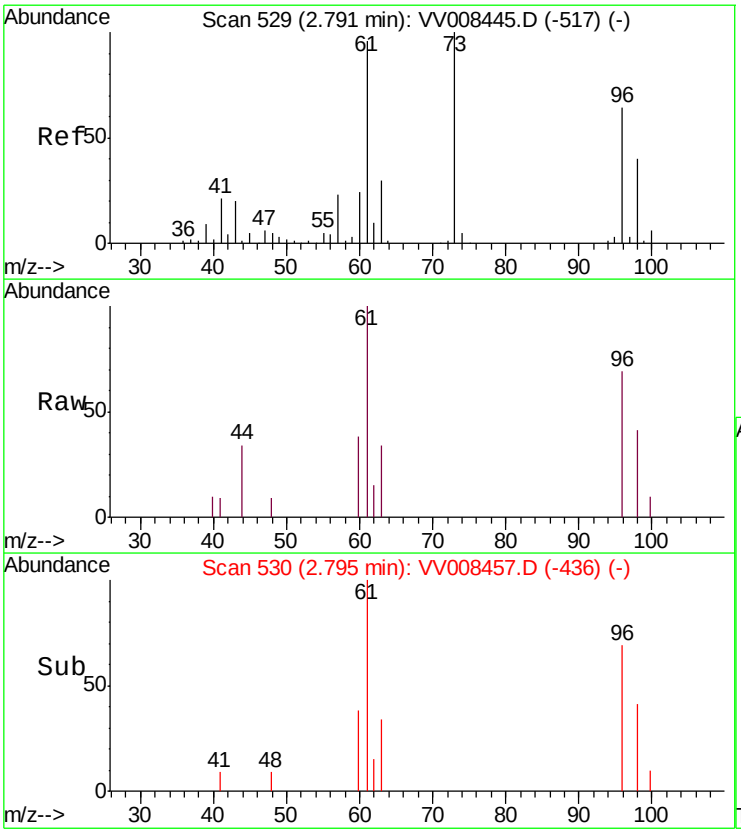
#13
Acetone
Concen: 6.717 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Instrument :
MSVOA_V
ClientSampleId :
ETBR2

Tgt Ion: 43 Resp: 5784

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	61.4

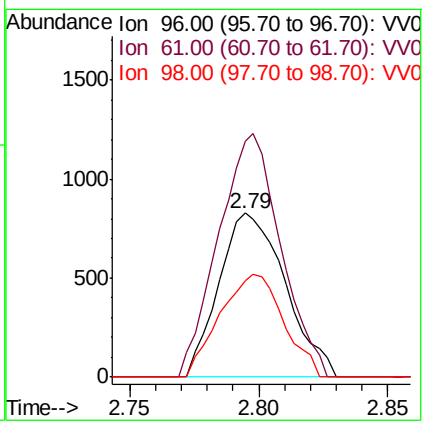


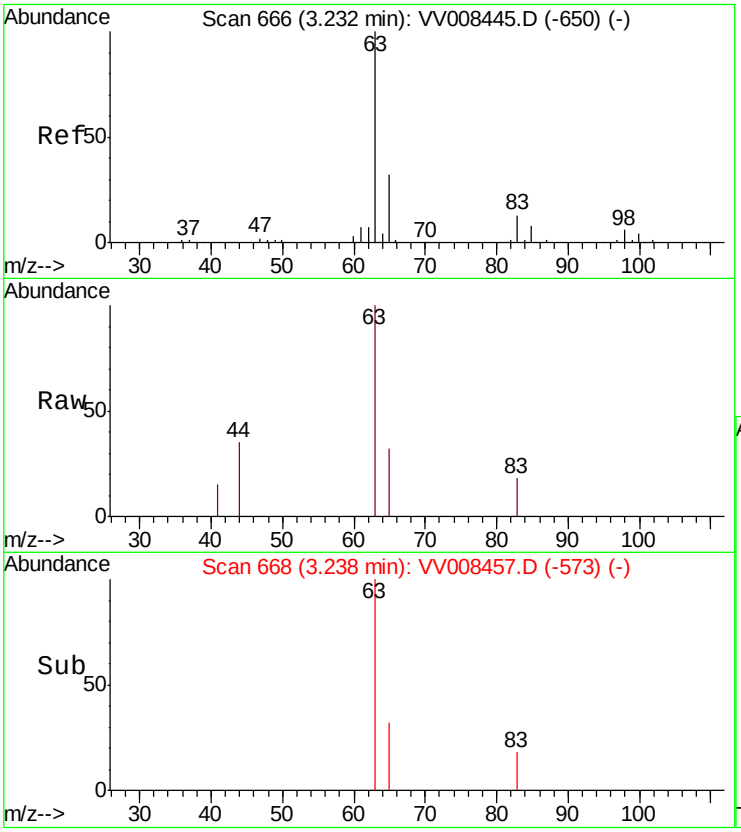


#17
trans-1,2-Dichloroethene
Concen: 1.175 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Tgt Ion: 96 Resp: 1482

Ion	Ratio	Lower	Upper
96	100		
61	144.0	108.6	201.6
98	58.5	44.3	82.3



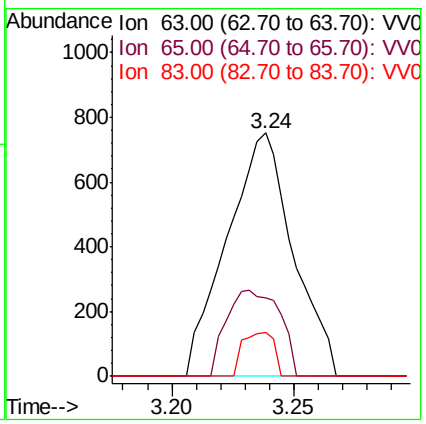


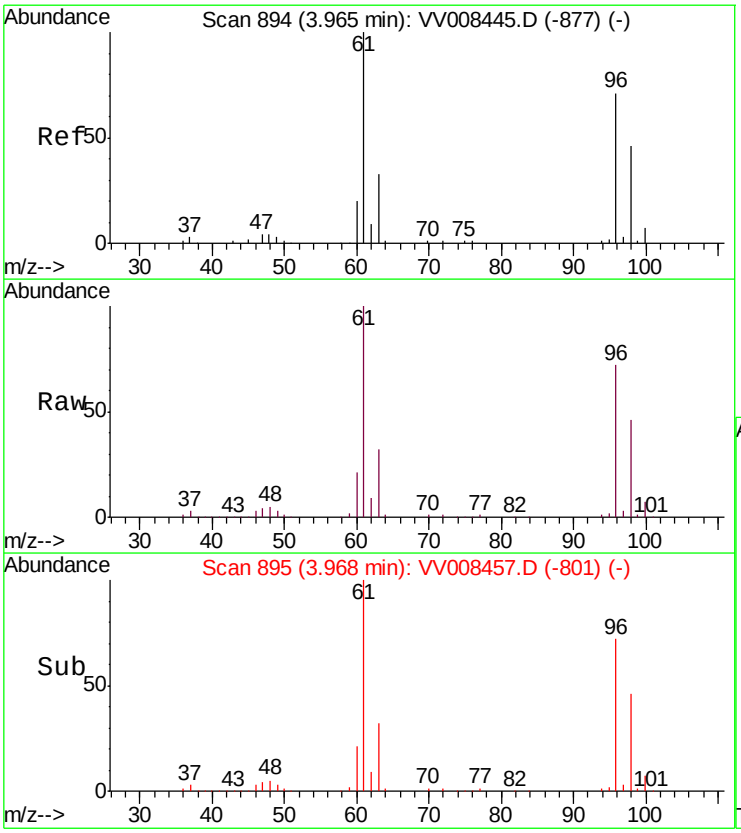
#19
1,1-Dichloroethane
Concen: 0.543 ug/L
RT: 3.24 min Scan# 668
Delta R.T. 0.01 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Instrument :
MSVOA_V
ClientSampleId :
ETBR2

Tgt Ion: 63 Resp: 1411

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.0	40.8
83	18.0	9.3	17.3#

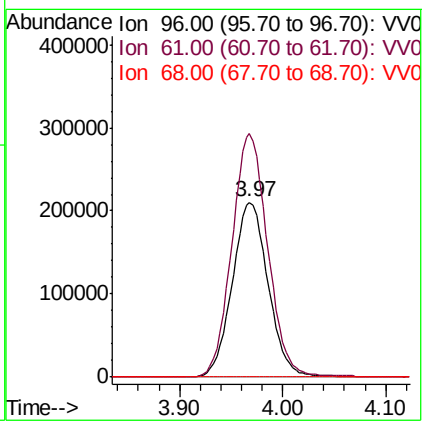


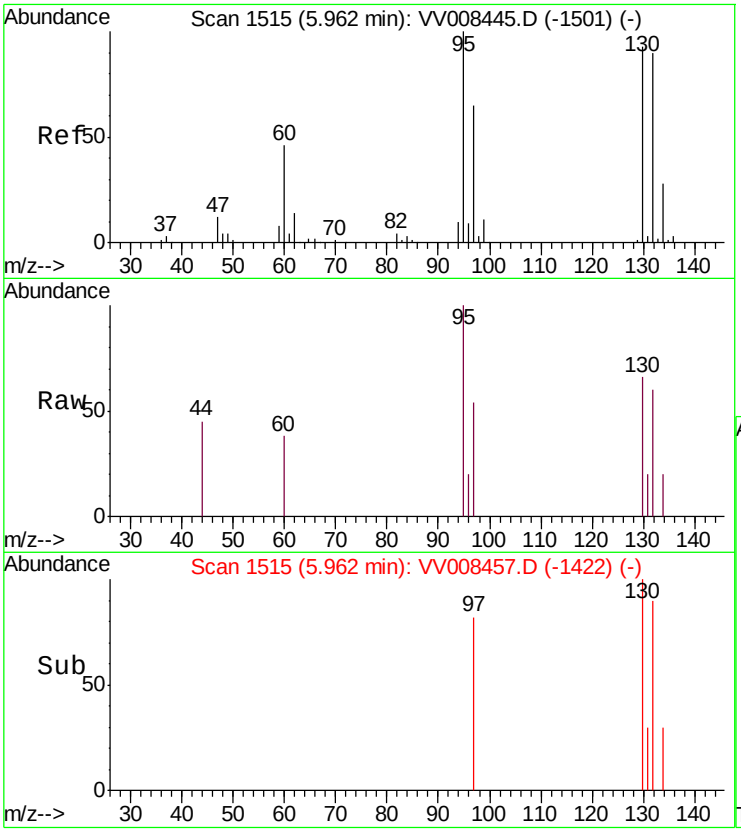


#20
cis-1,2-Dichloroethene
Concen: 353.512 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Tgt Ion: 96 Resp: 507870

Ion	Ratio	Lower	Upper
96	100		
61	139.3	100.9	187.5
68	0.0	0.0	0.0



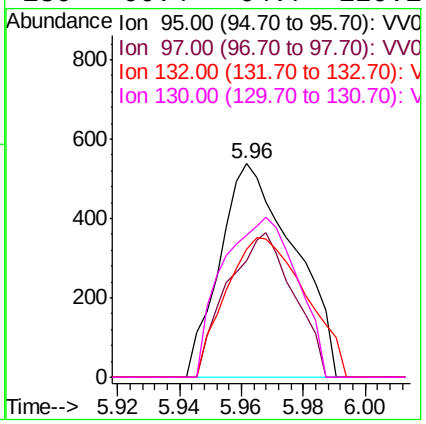


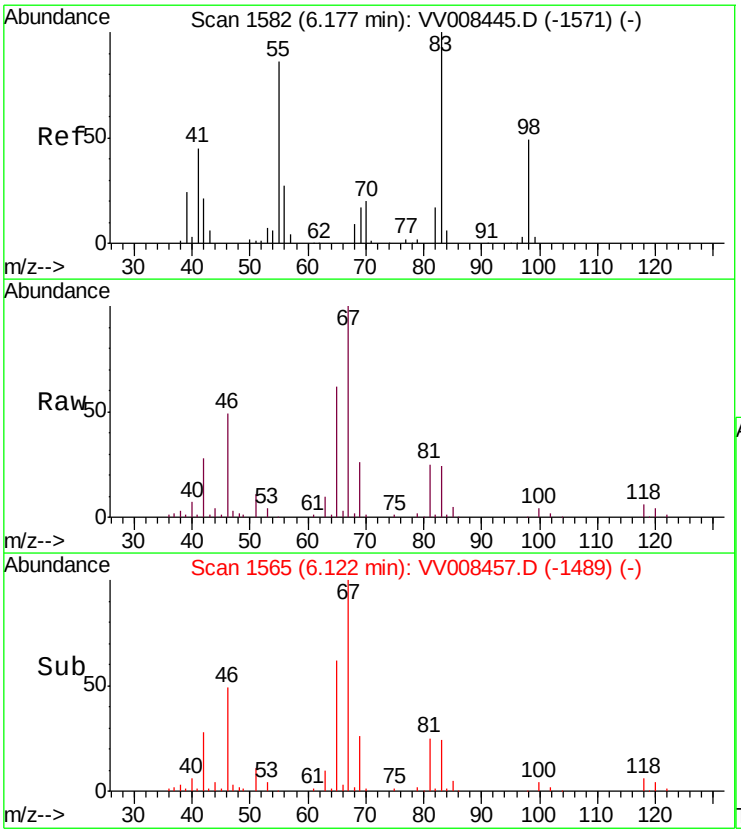
#34
Trichloroethene
Concen: 0.633 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Instrument :
MSVOA_V
ClientSampleId :
ETBR2

Tgt Ion: 95 Resp: 896

Ion	Ratio	Lower	Upper
95	100		
97	54.5	45.2	84.0
132	60.0	63.8	118.6#
130	66.4	64.7	120.1

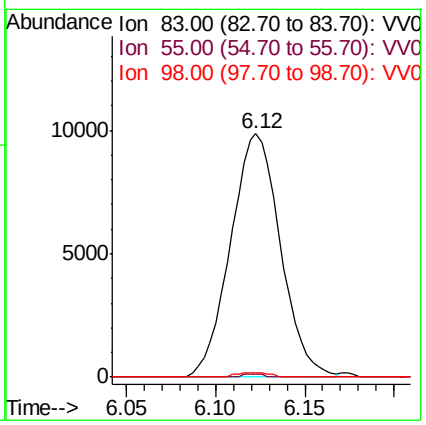


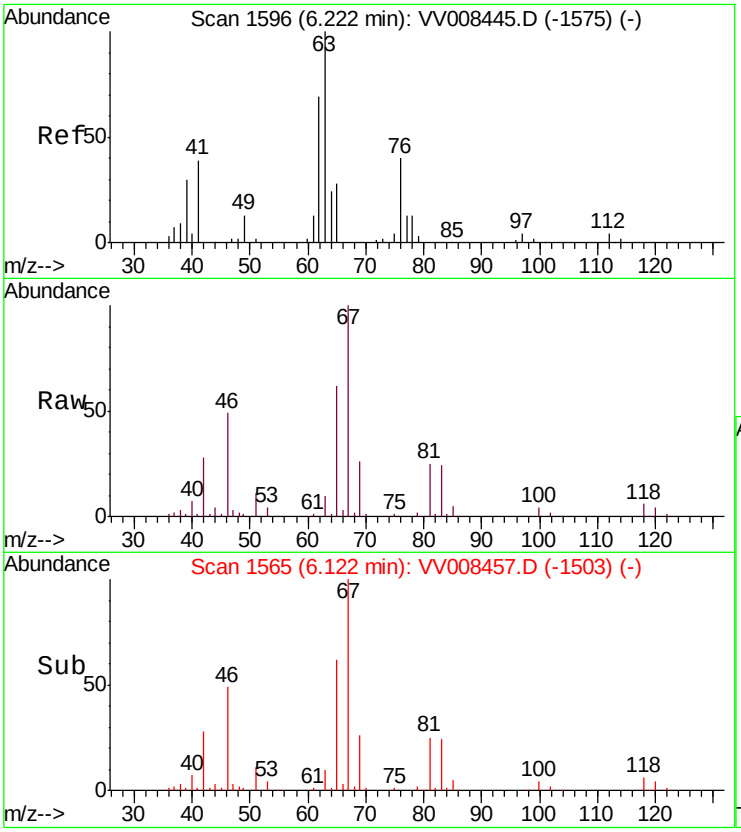


#35
Methylcyclohexane
Concen: 7.991 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Tgt Ion: 83 Resp: 19242

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.0	97.4#
98	1.1	36.0	54.0#



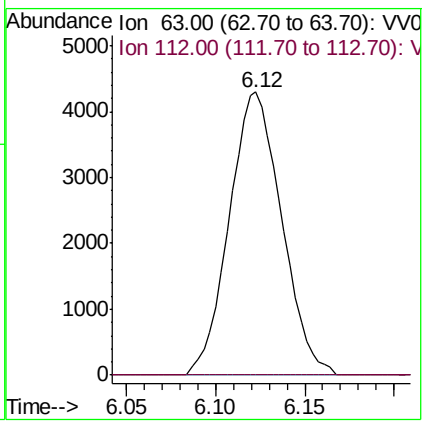


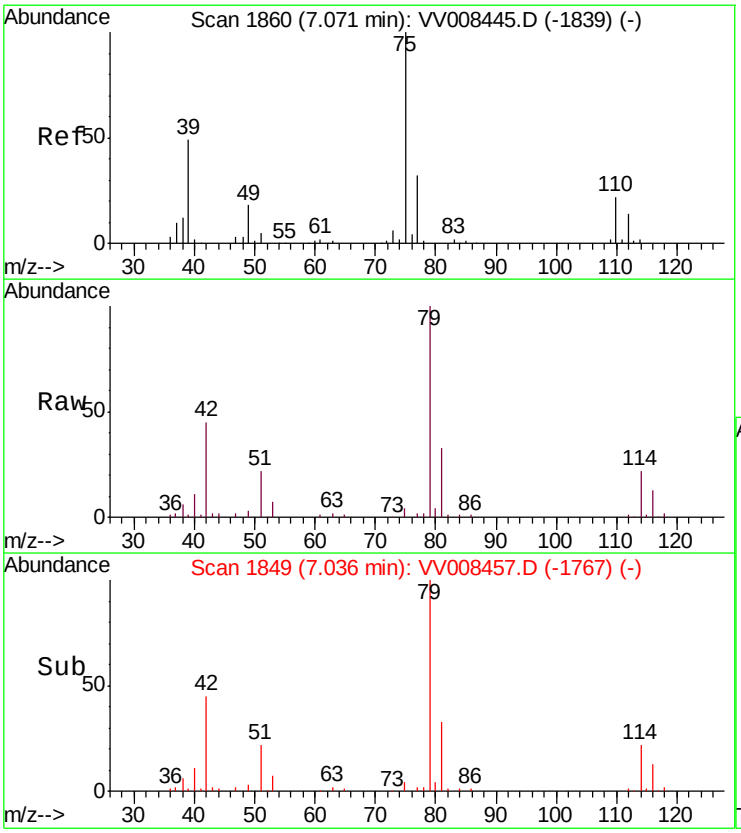
#37
1,2-Dichloropropane
Concen: 5.743 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Instrument :
MSVOA_V
ClientSampleId :
ETBR2

Tgt Ion: 63 Resp: 8774

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

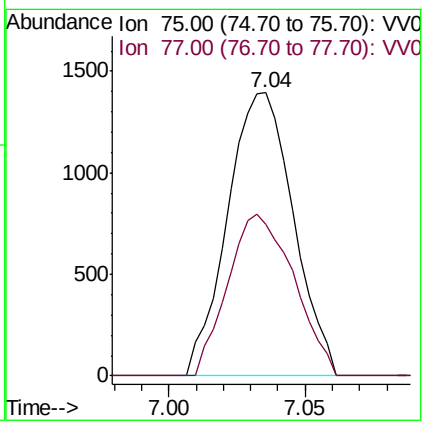


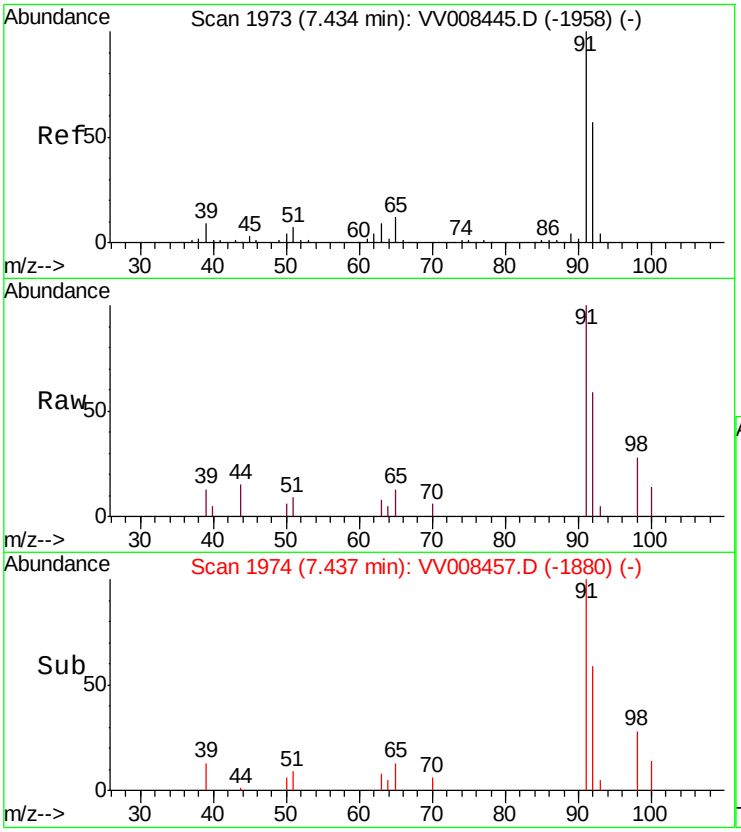


#39
cis-1,3-Dichloropropene
Concen: 0.973 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Tgt Ion: 75 Resp: 2336

Ion	Ratio	Lower	Upper
75	100		
77	53.7	22.6	42.0#



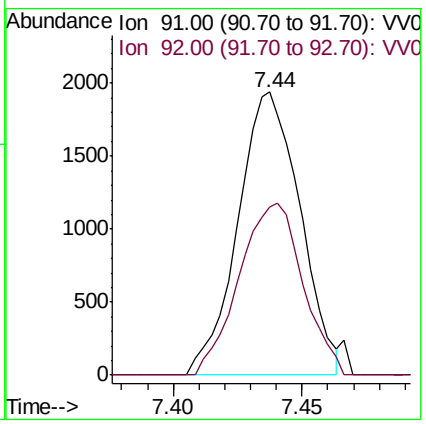


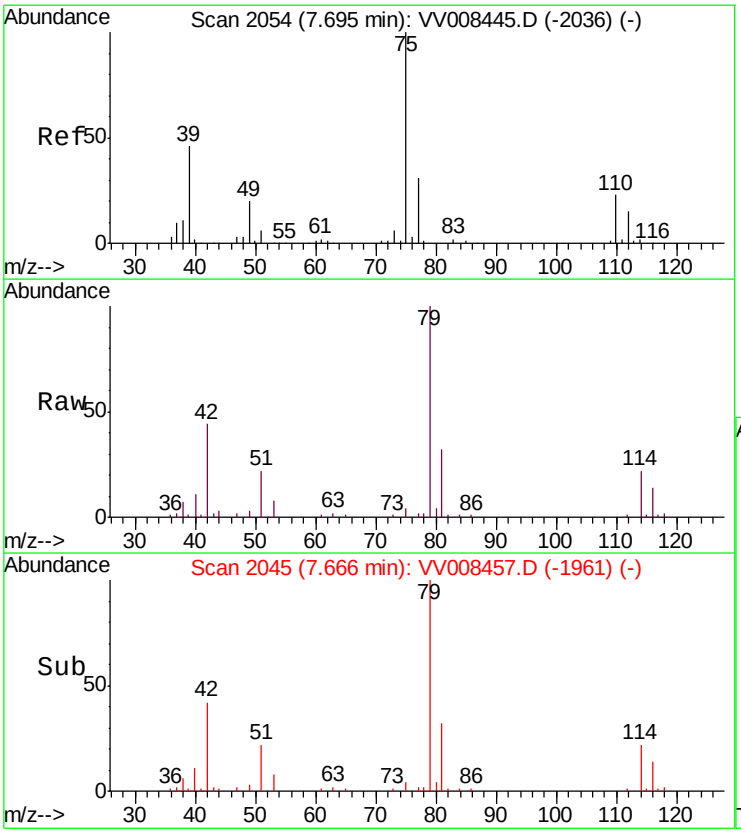
#42
Toluene
Concen: 0.569 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Instrument :
MSVOA_V
ClientSampleId :
ETBR2

Tgt Ion: 91 Resp: 3268

Ion	Ratio	Lower	Upper
91	100		
92	59.4	39.5	73.4

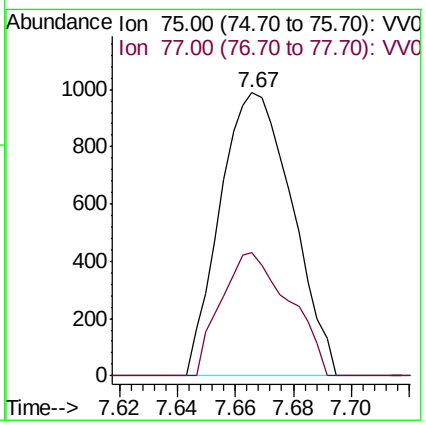


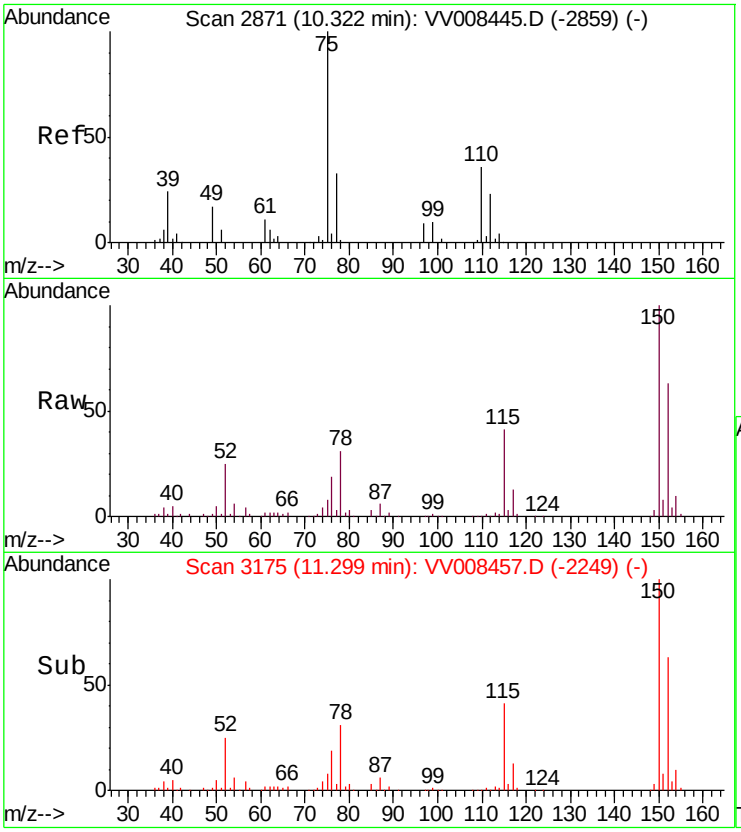


#44
trans-1,3-Dichloropropene
Concen: 0.757 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Tgt Ion: 75 Resp: 1702

Ion	Ratio	Lower	Upper
75	100		
77	43.6	21.8	40.4#





#59
1,2,3-Trichloropropane
Concen: 4.823 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV008457.D
Acq: 29 Oct 2018 16:38

Instrument :
MSVOA_V
ClientSampleId :
ETBR2

Tgt Ion: 75 Resp: 9234

Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.8	38.8