Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031819\

Quantitation Report (Not Reviewed)

Data File : VV009768.D
Acq On : 18 Mar 2019 19:01
Operator : SY/MD
Sample : K1967-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09C2

Quant Time: Mar 19 04:35:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	134676	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128220	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50714	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	41468	45.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.34%			
7) Chloroethane-d5	1.56	69	34613	51.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.34%			
11) 1,1-Dichloroethene-d2	2.12	63	70340	36.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.76%			
21) 2-Butanone-d5	3.93	46	55194	102.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.05%			
24) Chloroform-d	4.40	84	79494	47.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.30%			
26) 1,2-Dichloroethane-d4	5.08	65	51844	51.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.42%			
32) Benzene-d6	5.10	84	171934	51.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.64%			
36) 1,2-Dichloropropane-d6	6.12	67	51544	50.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.06%			
41) Toluene-d8	7.36	98	159659	49.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.04%			
43) trans-1,3-Dichloropropene-	7.66	79	22499	46.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.28%			
47) 2-Hexanone-d5	8.13	63	40831	98.35	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.35%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	74508	48.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.30%			
64) 1,2-Dichlorobenzene-d4	11.68	152	53866	52.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.98%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	590	0.637	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	483	0.602	ug/L #	1
13) Acetone	2.19	43	2035	3.972	ug/L	87
27) 1,2-Dichloroethane	5.10	62	948	0.766	ug/L #	74
33) Benzene	5.15	78	1626	0.465	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	1788	1.312	ug/L	88
44) trans-1,3-Dichloropropene	7.66	75	1060	0.821	ug/L	92
51) Chlorobenzene	8.93	112	7159	2.734	ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	7299	6.216	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	1105	0.664	ug/L #	82
63) 1,4-Dichlorobenzene	11.32	146	3240	1.930	ug/L	85
65) 1,2-Dichlorobenzene	11.69	146	2602	1.533	ug/L #	89
67) 1,3,5-Trichlorobenzene	13.31	180	1780	1.682	ug/L #	80
68) 1,2,4-trichlorobenzene	13.31	180	1780	2.400	ug/L #	79
70) 1,2,3-Trichlorobenzene	13.79	180	459	0.617	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031819\

Quantitation Report (Not Reviewed)

Data File : VV009768.D
Acq On : 18 Mar 2019 19:01
Operator : SY/MD
Sample : K1967-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09C2

Quant Time: Mar 19 04:35:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration

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

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

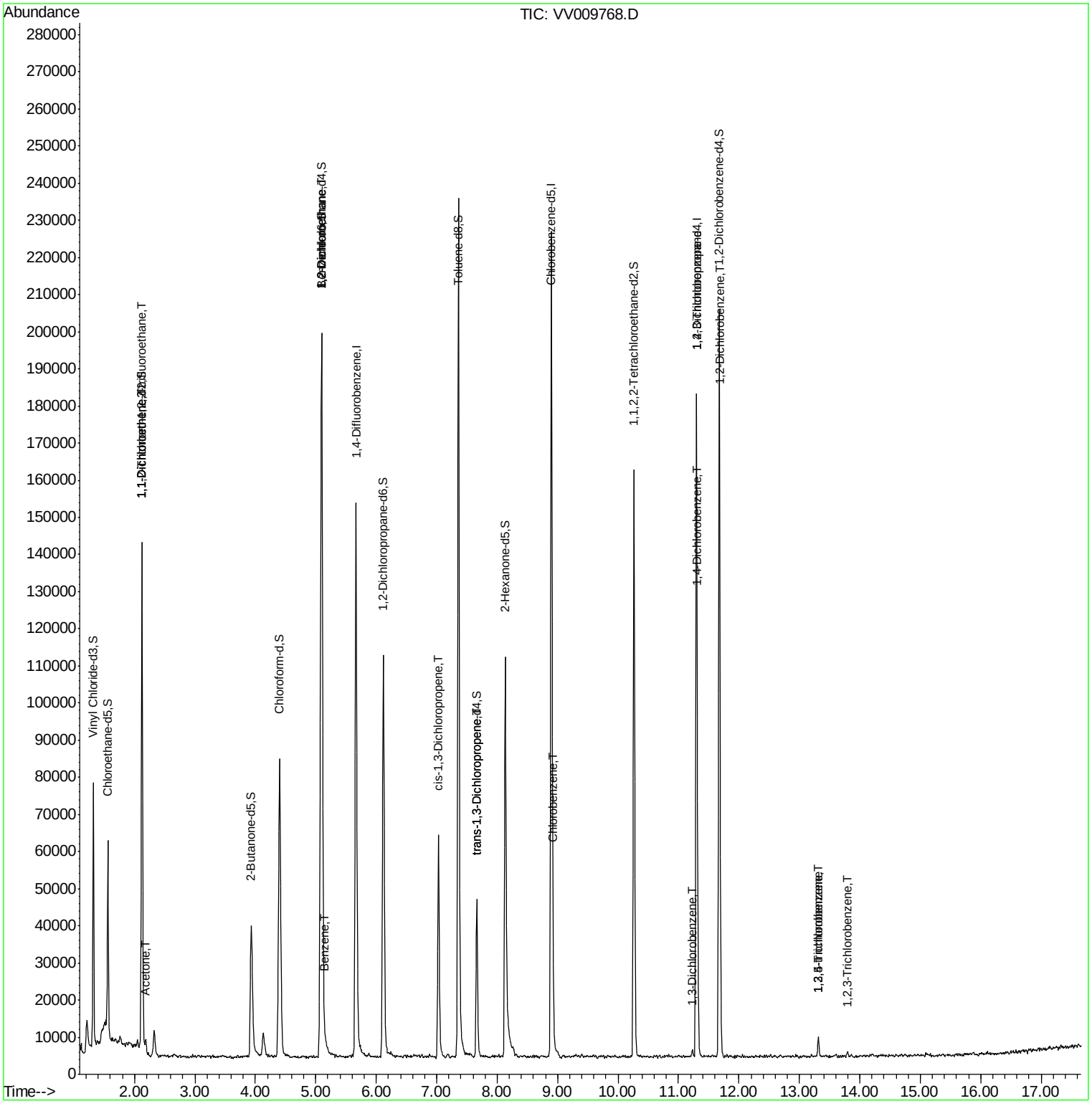
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031819\

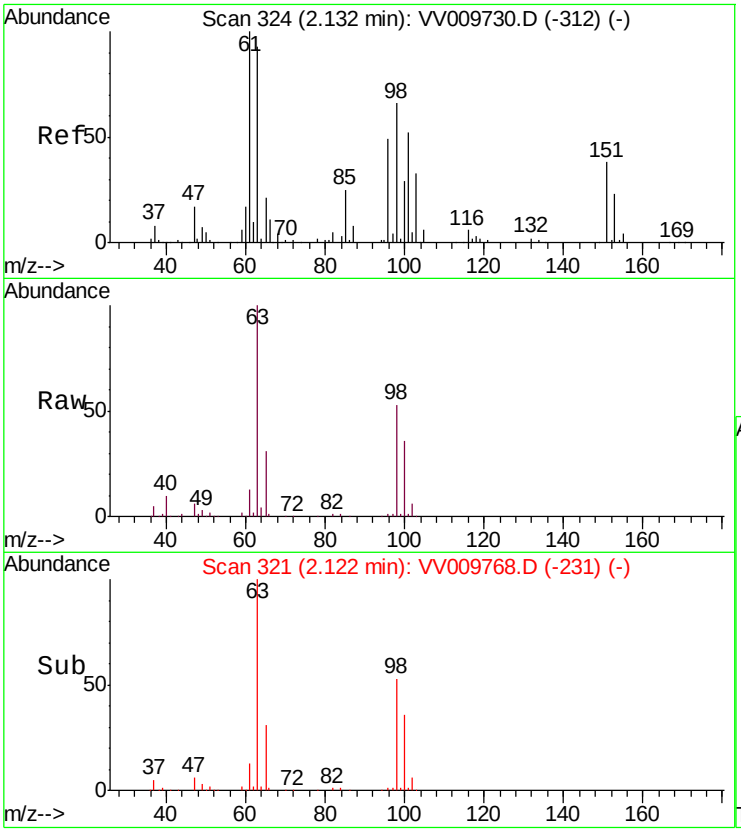
Quantitation Report (Not Reviewed)

Data File : VV009768.D
Acq On : 18 Mar 2019 19:01
Operator : SY/MD
Sample : K1967-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09C2

Quant Time: Mar 19 04:35:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration



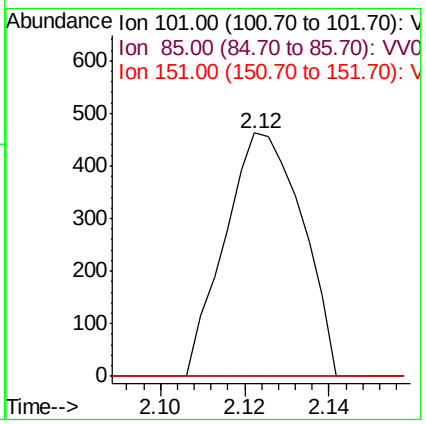


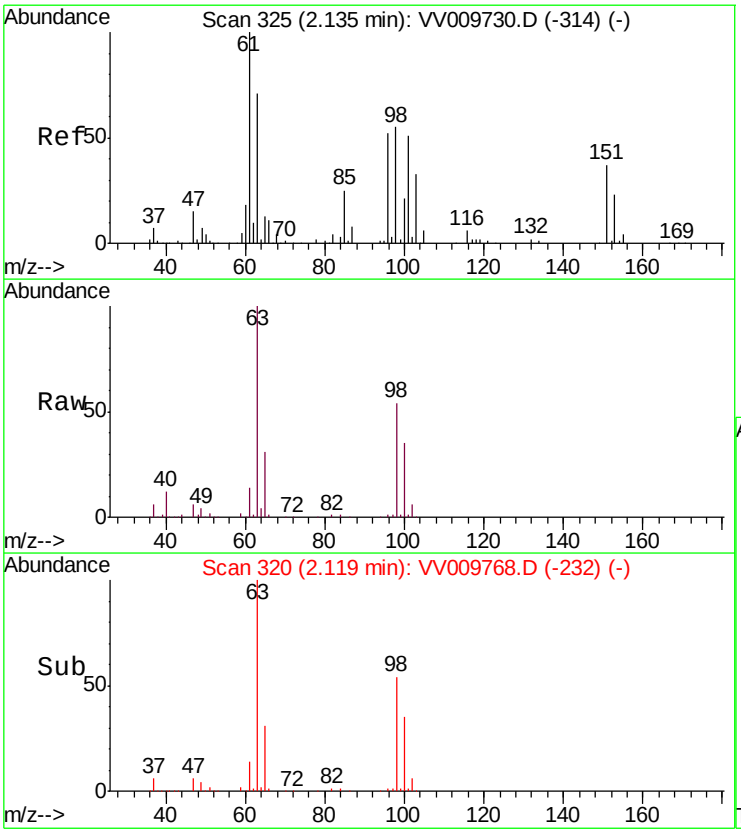
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.637 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
C09C2

Tgt Ion:101 Resp: 590

Ion	Ratio	Lower	Upper
101	100		
85	0.0	38.5	57.7#
151	0.0	58.9	88.3#

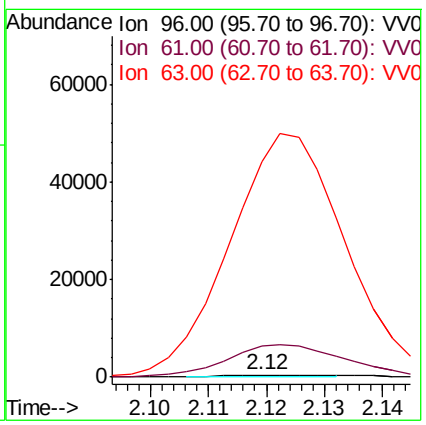


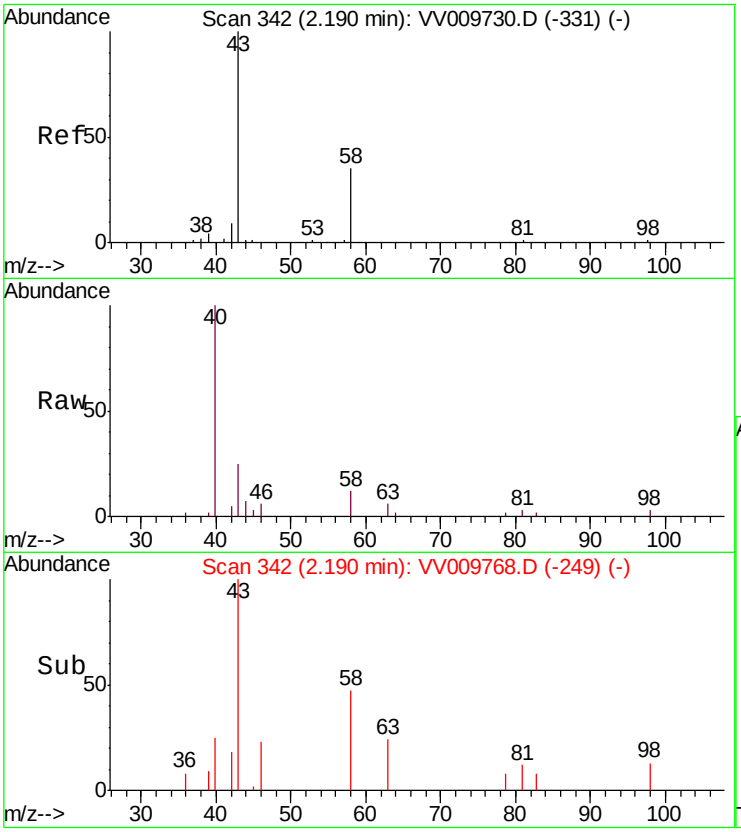


#12
1,1-Dichloroethene
Concen: 0.602 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.02 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Tgt Ion: 96 Resp: 483

Ion	Ratio	Lower	Upper
96	100		
61	1644.4	135.5	251.7#
63	11550.9	100.2	186.2#



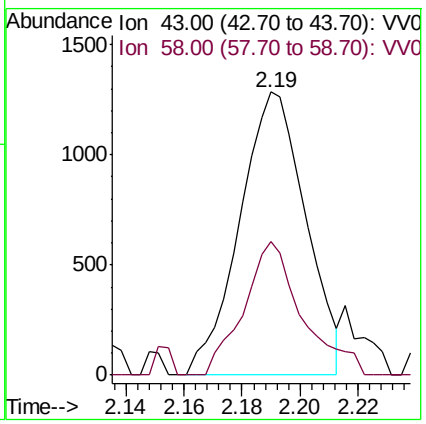


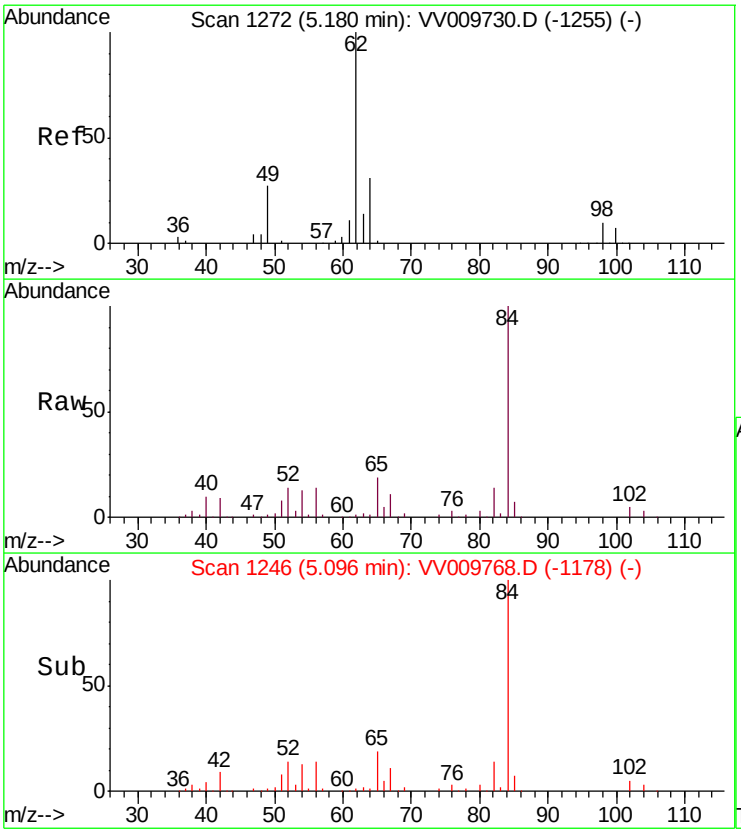
#13
Acetone
Concen: 3.972 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
C09C2

Tgt Ion: 43 Resp: 2035

Ion	Ratio	Lower	Upper
43	100		
58	41.6	0.0	67.8

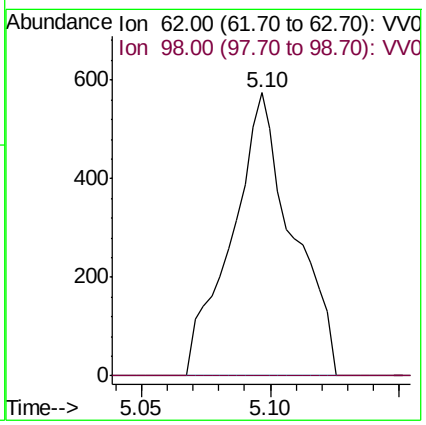


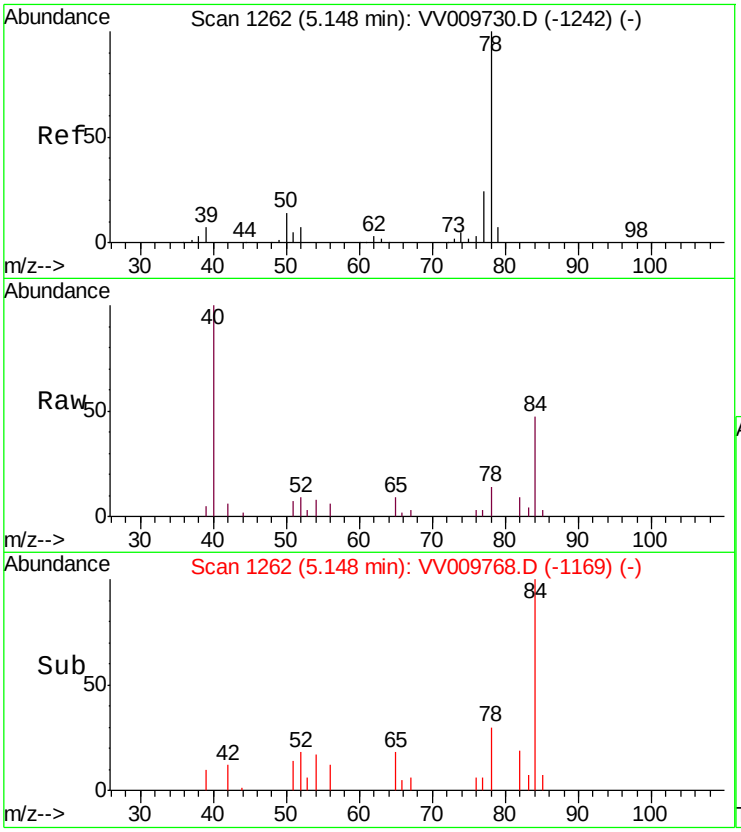


#27
1,2-Dichloroethane
Concen: 0.766 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Tgt Ion: 62 Resp: 948

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.6#

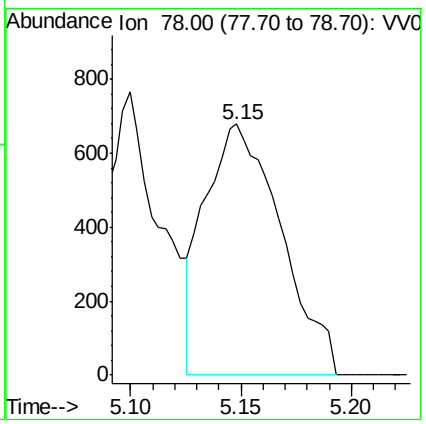


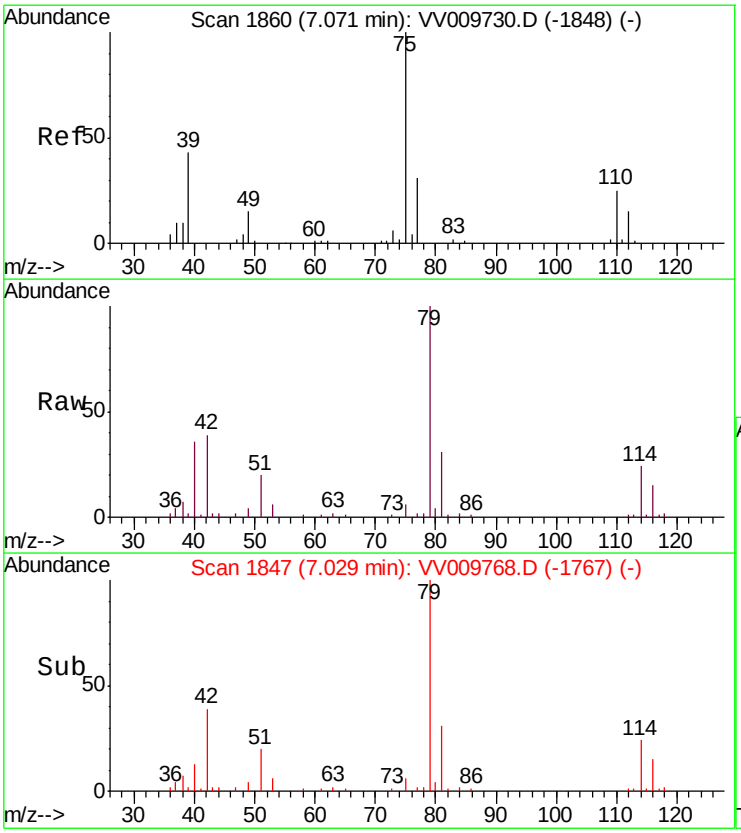


#33
Benzene
Concen: 0.465 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
C09C2

Tgt Ion: 78 Resp: 1626

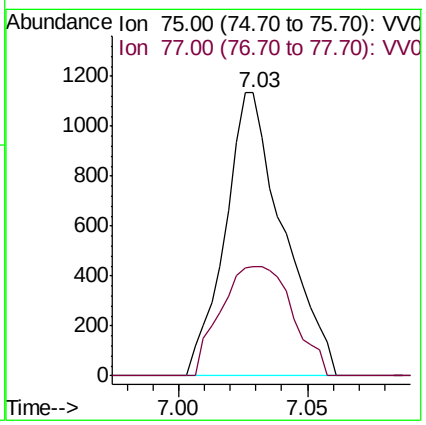


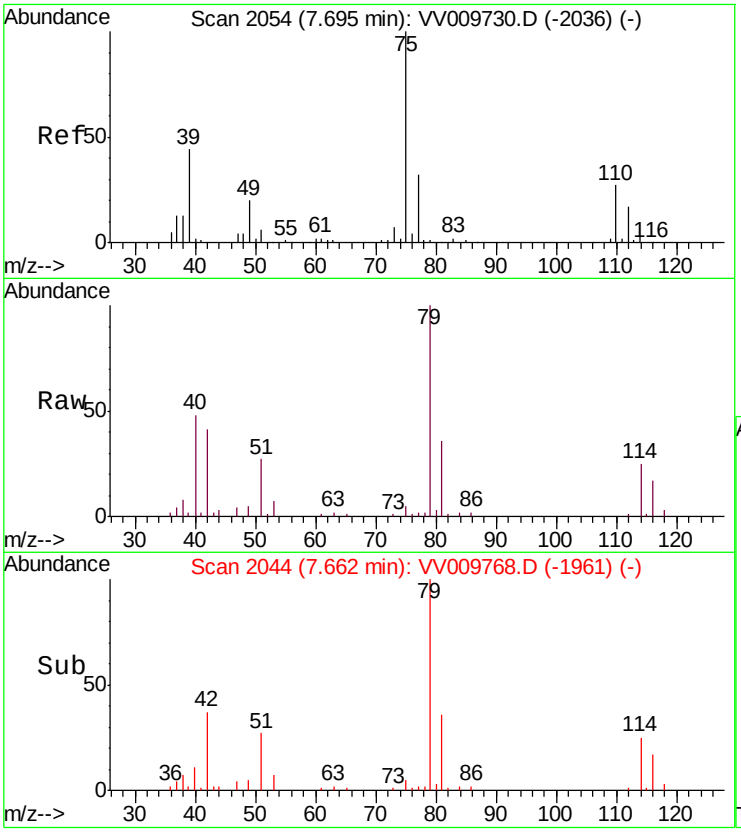


#39
cis-1,3-Dichloropropene
Concen: 1.312 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Tgt Ion: 75 Resp: 1788

Ion	Ratio	Lower	Upper
75	100		
77	38.4	22.4	41.6



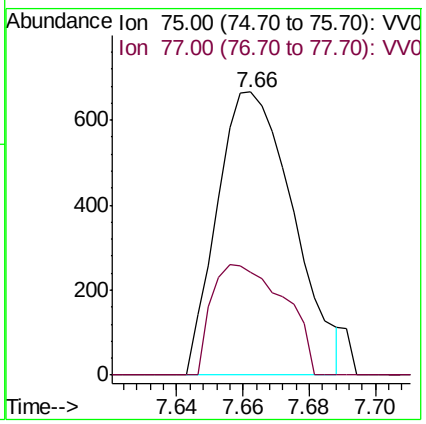


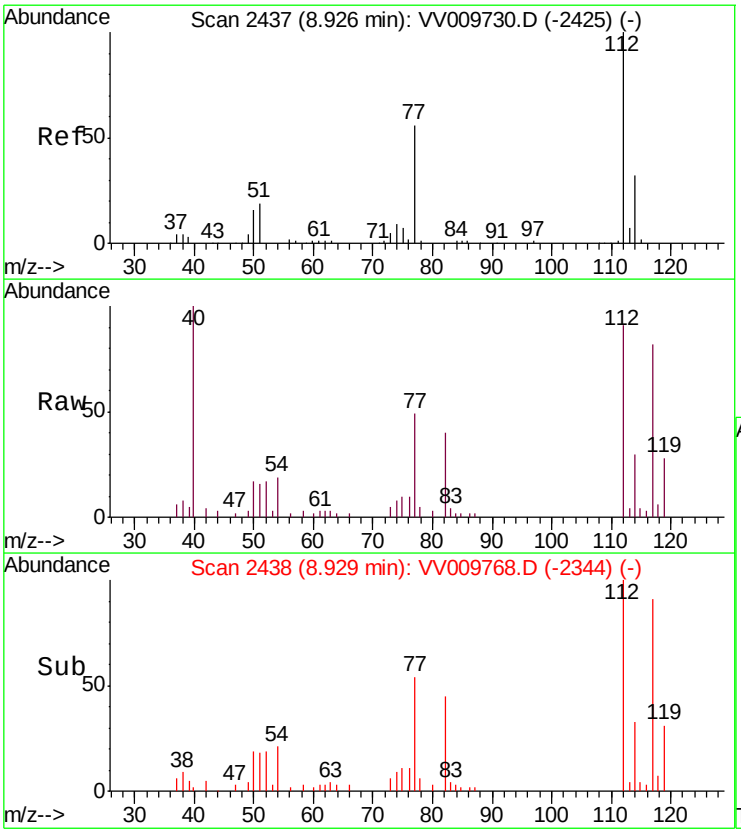
#44
trans-1,3-Dichloropropene
Concen: 0.821 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
C09C2

Tgt Ion: 75 Resp: 1060

Ion	Ratio	Lower	Upper
75	100		
77	36.5	22.5	41.7

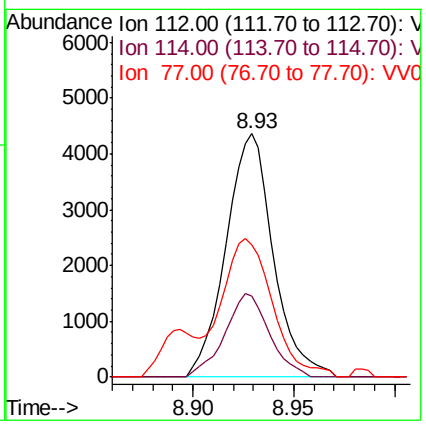


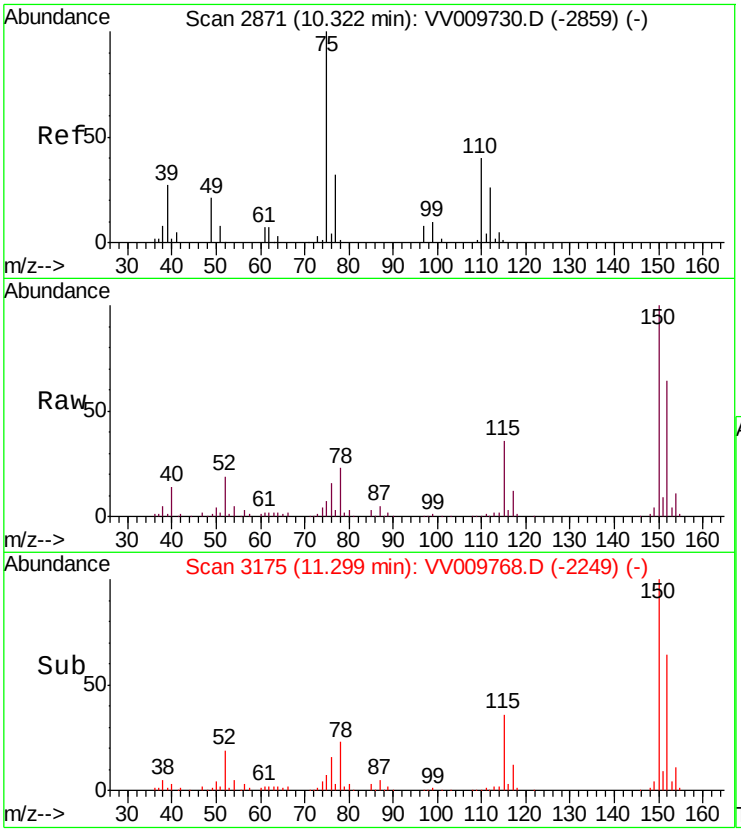


#51
Chlorobenzene
Concen: 2.734 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Tgt Ion:112 Resp: 7159

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.5	41.9
77	54.4	45.4	68.2



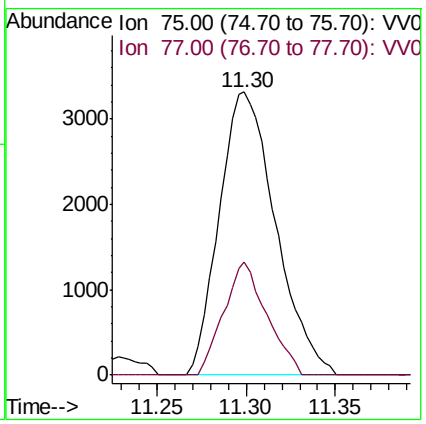


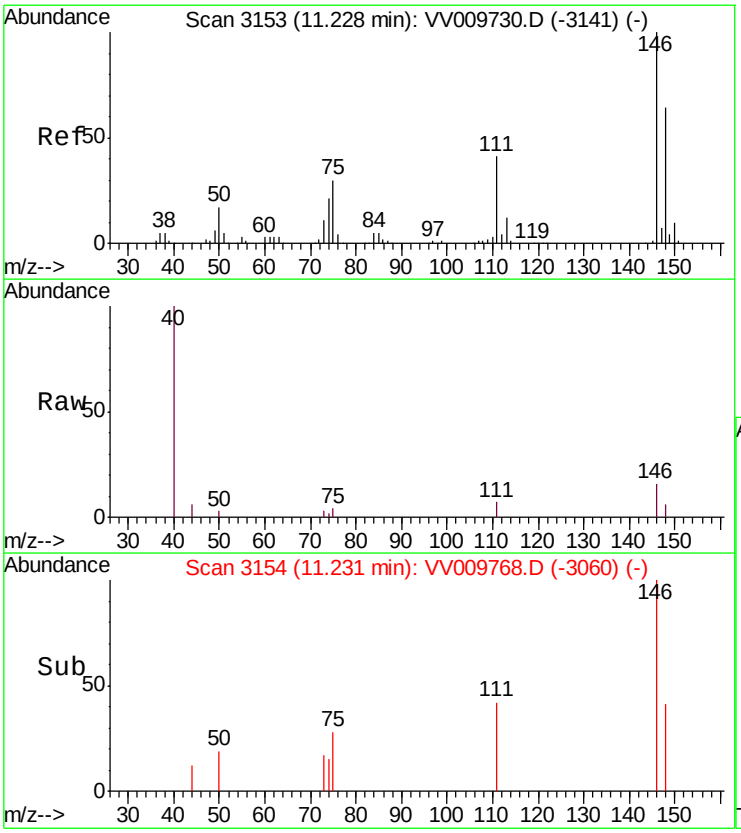
#59
1,2,3-Trichloropropane
Concen: 6.216 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
C09C2

Tgt Ion: 75 Resp: 7299

Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.2	39.4

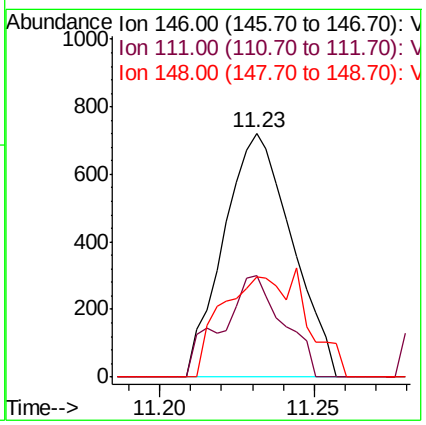


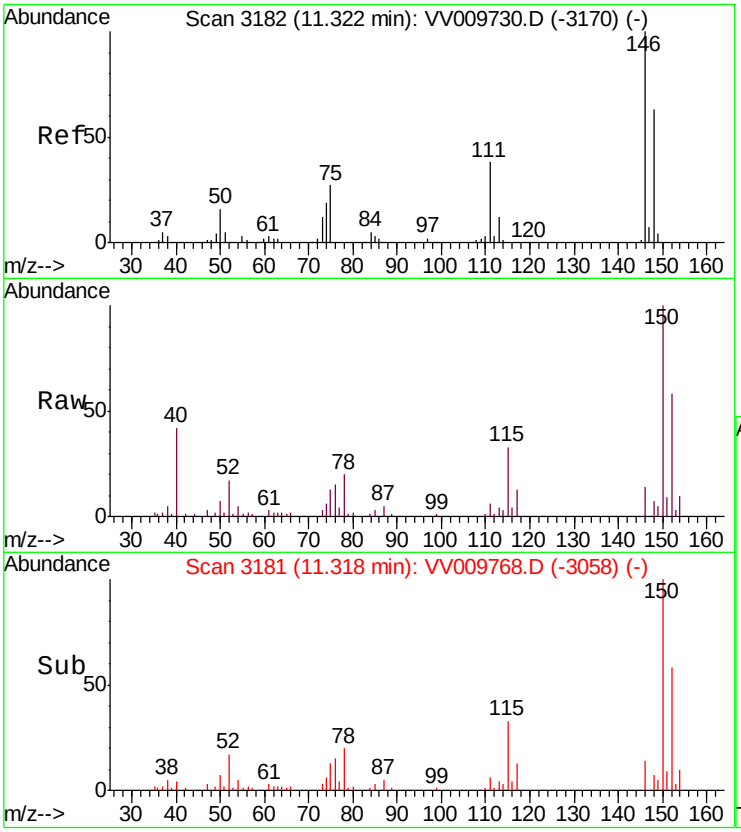


#62
1,3-Dichlorobenzene
Concen: 0.664 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Tgt Ion:146 Resp: 1105

Ion	Ratio	Lower	Upper
146	100		
111	41.7	28.8	53.4
148	40.9	44.8	83.2#



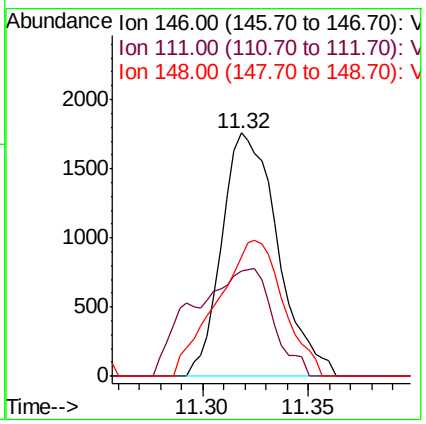


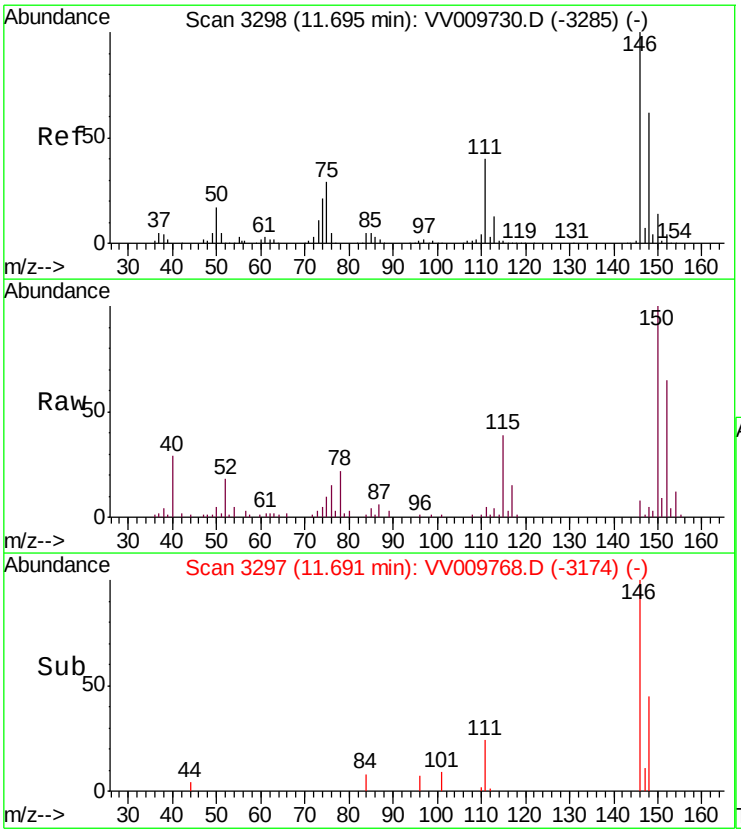
#63
1,4-Dichlorobenzene
Concen: 1.930 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. -0.00 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
C09C2

Tgt Ion:146 Resp: 3240

Ion	Ratio	Lower	Upper
146	100		
111	43.0	26.7	49.5
148	48.9	44.3	82.3

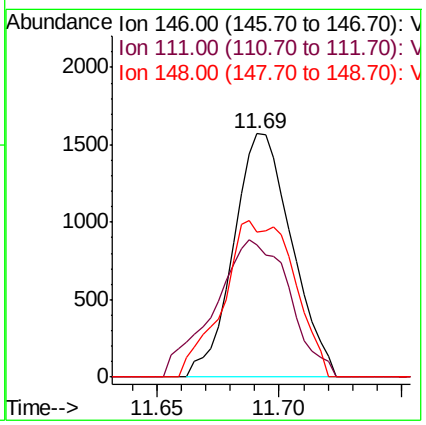


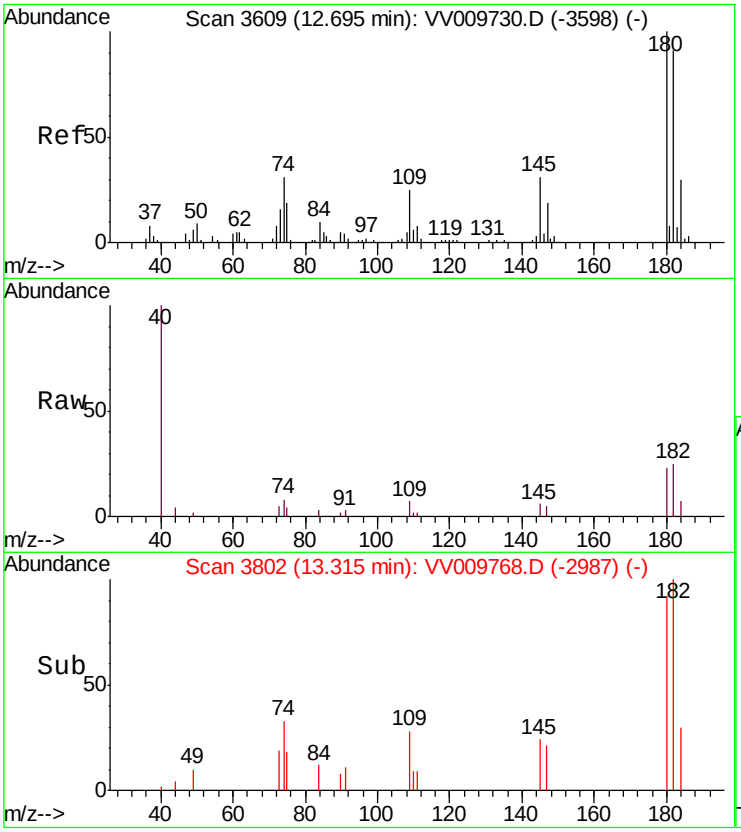


#65
1,2-Dichlorobenzene
Concen: 1.533 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Tgt Ion:146 Resp: 2602

Ion	Ratio	Lower	Upper
146	100		
111	54.1	32.2	48.4#
148	59.8	49.6	74.4



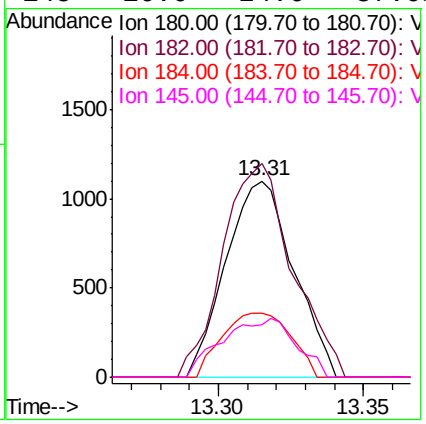


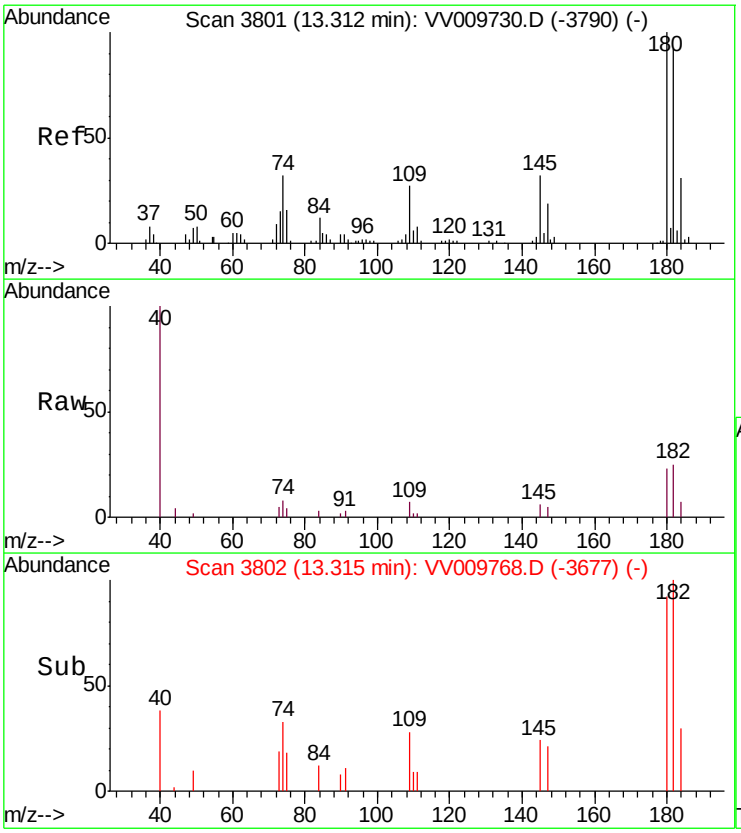
#67
1,3,5-Trichlorobenzene
Concen: 1.682 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.62 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
C09C2

Tgt Ion:180 Resp: 1780

Ion	Ratio	Lower	Upper
180	100		
182	112.4	73.9	110.9#
184	33.3	23.4	35.2
145	16.0	24.6	37.0#

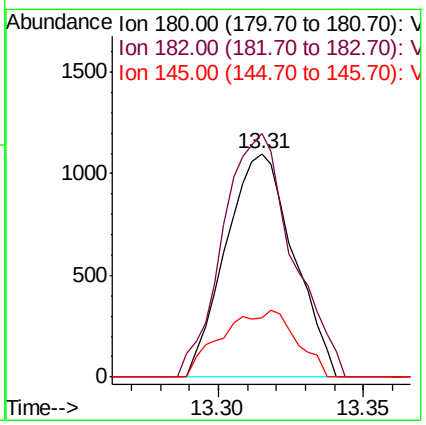


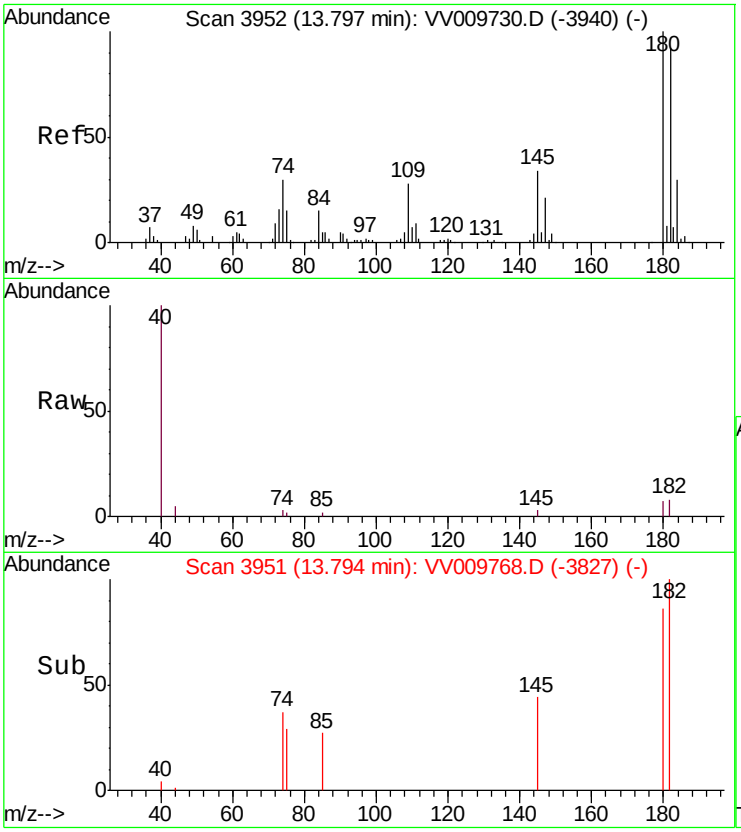


#68
1,2,4-trichlorobenzene
Concen: 2.400 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Tgt Ion:180 Resp: 1780

Ion	Ratio	Lower	Upper
180	100		
182	112.4	75.7	113.5
145	16.0	25.3	37.9#





#70
1,2,3-Trichlorobenzene
Concen: 0.617 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. -0.00 min
Lab File: VV009768.D
Acq: 18 Mar 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
C09C2

Tgt Ion:180 Resp: 459

Ion	Ratio	Lower	Upper
180	100		
182	97.6	73.3	109.9
145	29.0	26.4	39.6