Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092618\
Data File : VV007881.D
Acq On : 26 Sep 2018 14:08
Operator : SY/MD
Sample : J5036-05DL 500X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Sep 27 04:55:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 27 04:55:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	187581	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181041	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94035	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	48687	41.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.82%			
7) Chloroethane-d5	1.59	69	44843	44.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.32%			
11) 1,1-Dichloroethene-d2	2.14	63	82616	32.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.94%			
21) 2-Butanone-d5	3.96	46	55917	70.56	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 70.56%			
24) Chloroform-d	4.41	84	108464	44.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.82%			
26) 1,2-Dichloroethane-d4	5.09	65	82026	47.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.20%			
32) Benzene-d6	5.11	84	226364	46.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.38%			
36) 1,2-Dichloropropane-d6	6.13	67	72256	47.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.18%			
41) Toluene-d8	7.36	98	216469	44.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.58%			
43) trans-1,3-Dichloropropene-	7.67	79	31275	43.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.54%			
47) 2-Hexanone-d5	8.14	63	61920	96.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.57%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	103041	45.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.96%			
64) 1,2-Dichlorobenzene-d4	11.68	152	99848	47.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.52%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	744	0.579	ug/L #	15
12) 1,1-Dichloroethene	2.14	96	685	0.594	ug/L #	1
25) Chloroform	4.43	83	7422	2.959	ug/L	90
33) Benzene	5.15	78	52502	10.784	ug/L	100
37) 1,2-Dichloropropane	6.13	63	8572	6.602	ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	2183	1.158	ug/L #	75
44) trans-1,3-Dichloropropene	7.67	75	1482	0.791	ug/L	86
51) Chlorobenzene	8.93	112	293463	77.297	ug/L	99
59) 1,2,3-Trichloropropane	11.23	75	3701	2.141	ug/L #	44
62) 1,3-Dichlorobenzene	11.23	146	12784	4.345	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	108980	34.856	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	129594	42.445	ug/L	98
67) 1,3,5-Trichlorobenzene	13.32	180	16506	6.654	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	16506	7.887	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	4377	2.066	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092618\
Data File : VV007881.D
Acq On : 26 Sep 2018 14:08
Operator : SY/MD
Sample : J5036-05DL 500X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Sep 27 04:55:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 27 04:55:01 2018
Response via : Initial Calibration

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

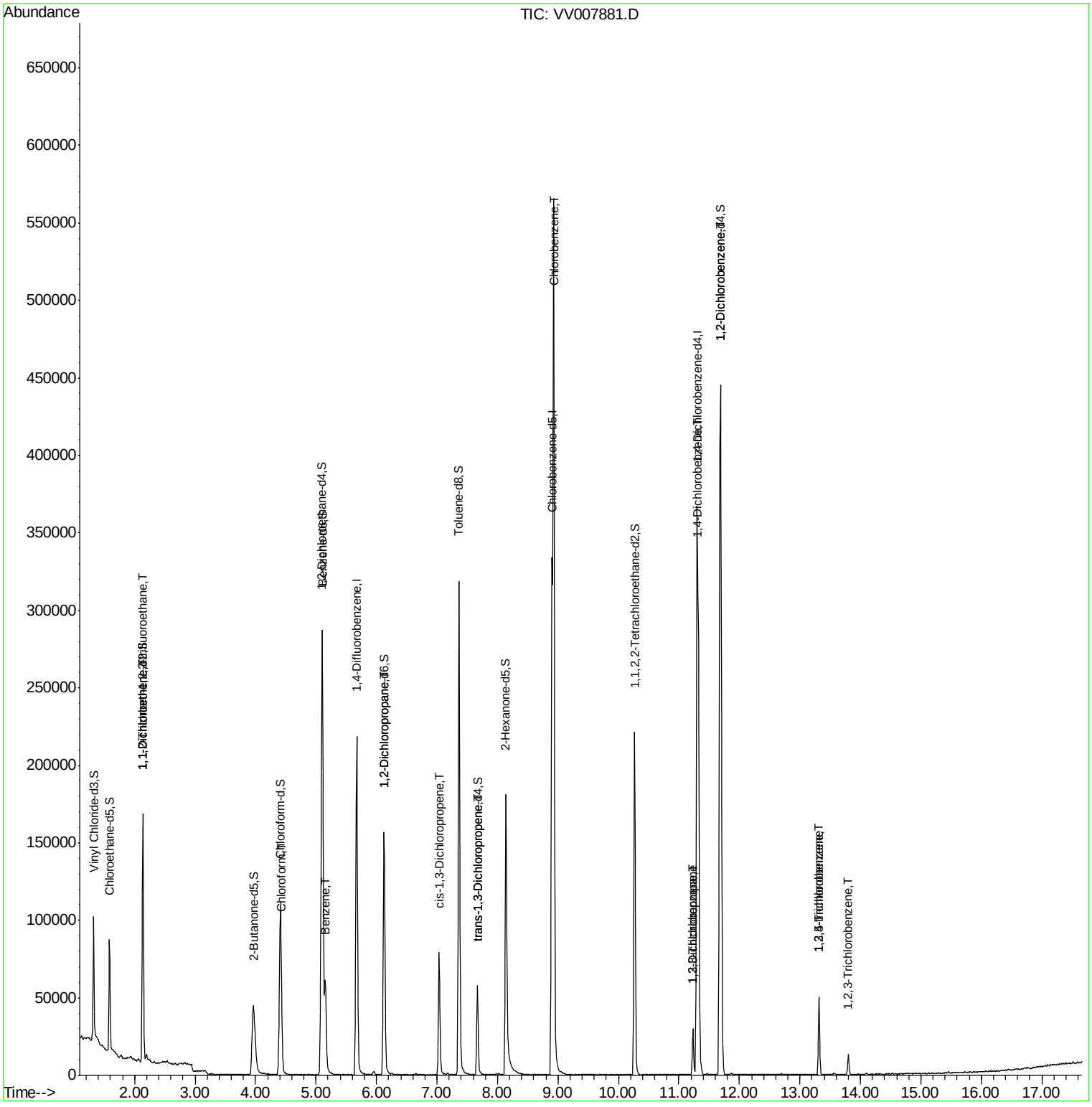
(#) = qualifier out of range (m) = manual integration (+) = signals summed

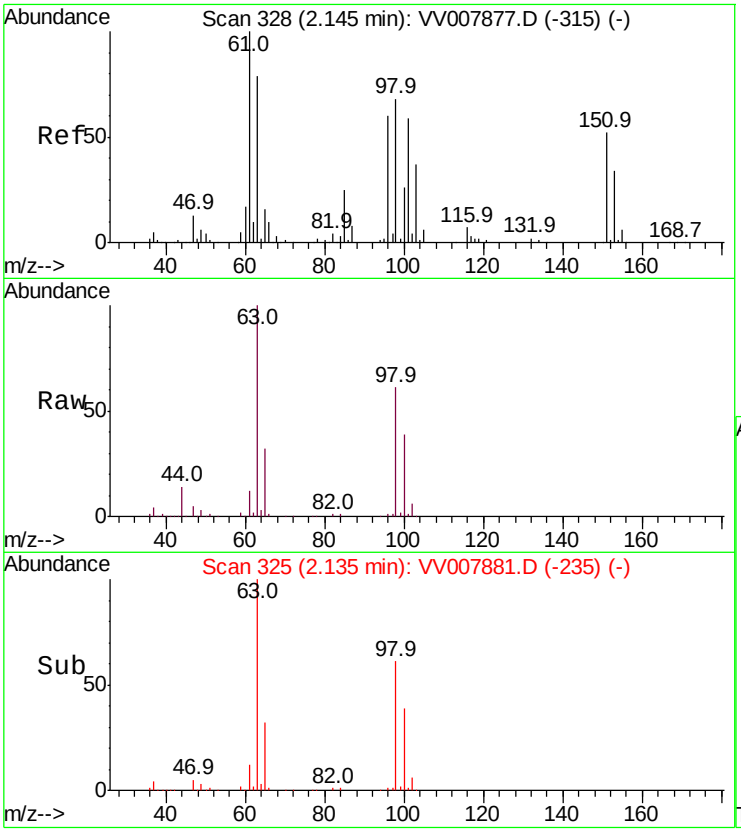
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092618\
Data File : VV007881.D
Acq On : 26 Sep 2018 14:08
Operator : SY/MD
Sample : J5036-05DL 500X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 27 04:55:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 27 04:55:01 2018
Response via : Initial Calibration



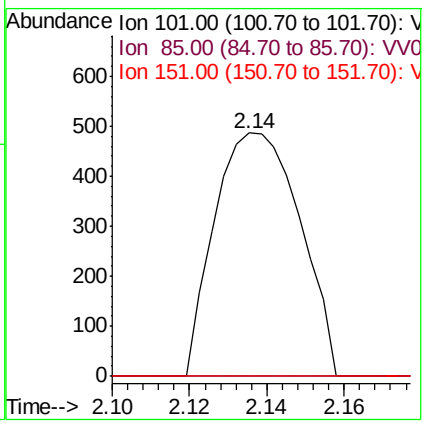


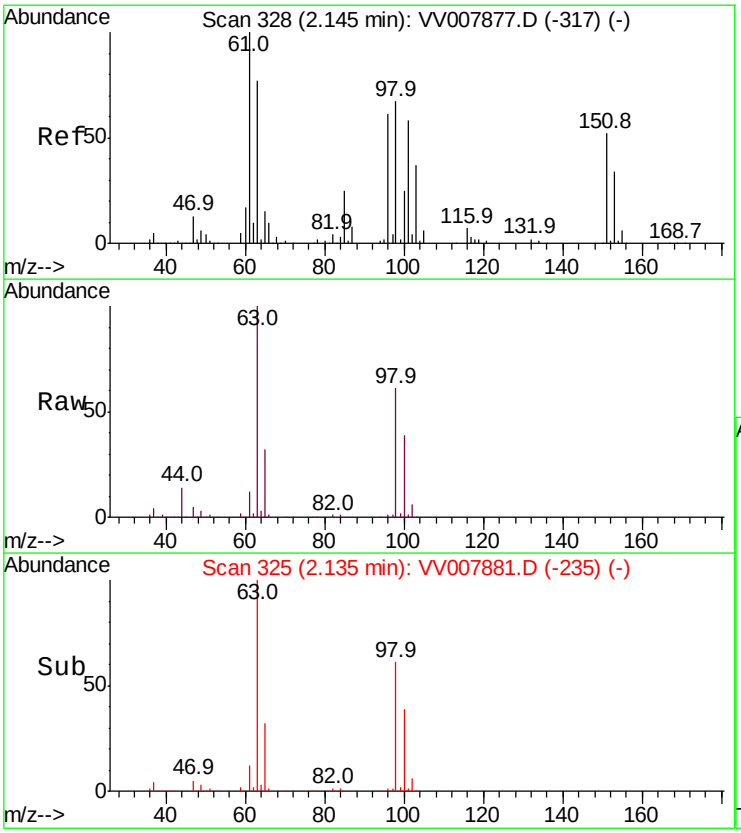
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.579 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 744

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.2#
151	0.0	69.7	104.5#

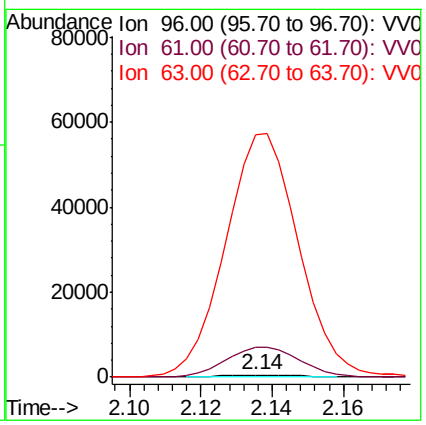


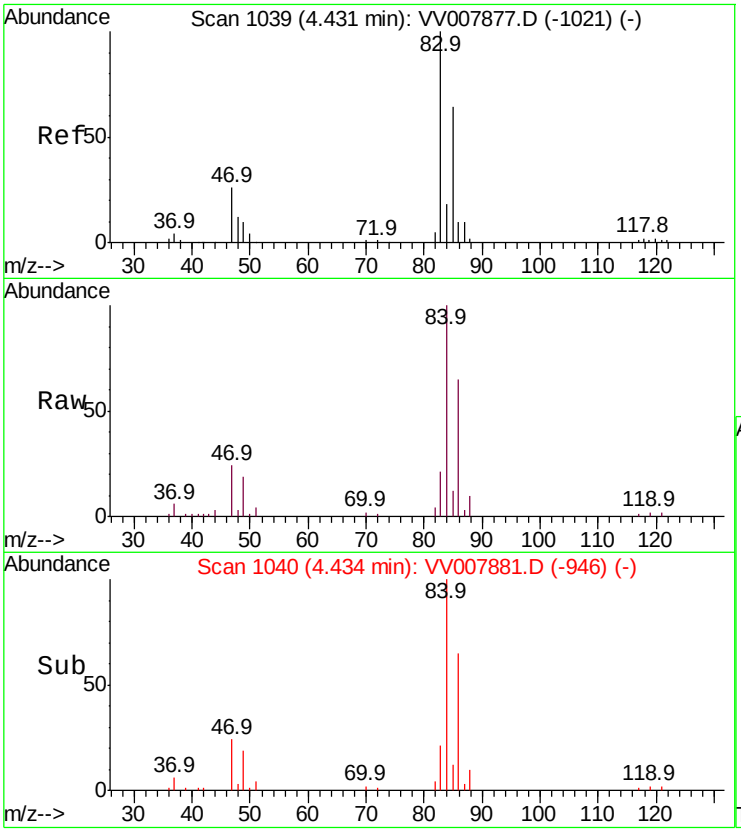


#12
1,1-Dichloroethene
Concen: 0.594 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Tgt Ion: 96 Resp: 685

Ion	Ratio	Lower	Upper
96	100		
61	1700.5	116.1	215.7#
63	13638.2	86.5	160.7#



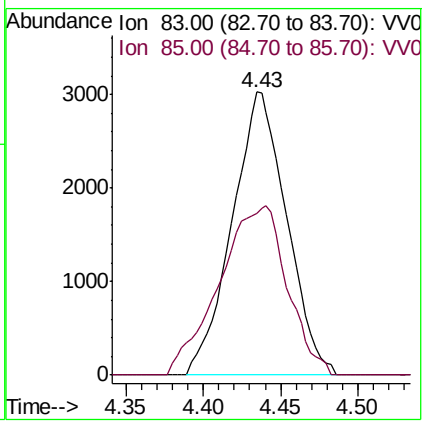


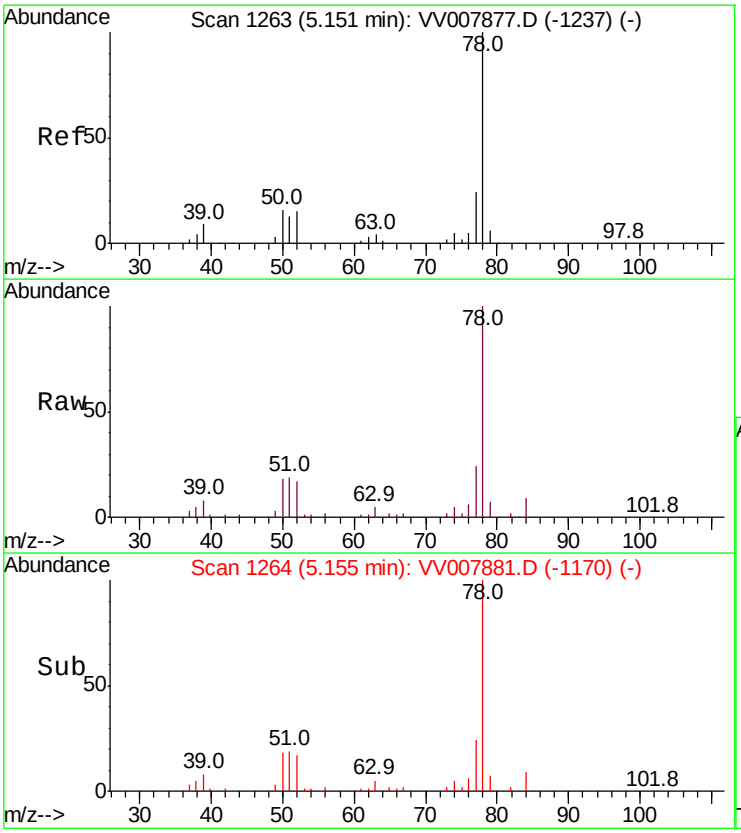
#25
Chloroform
Concen: 2.959 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 7422

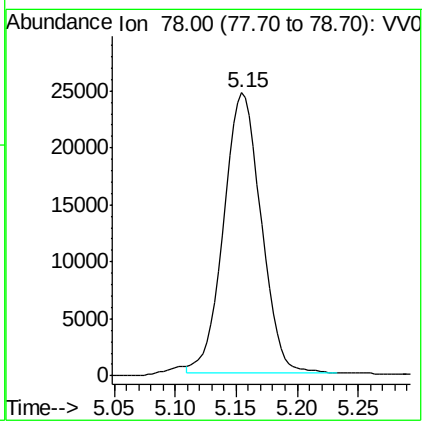
Ion	Ratio	Lower	Upper
83	100		
85	57.3	45.9	85.3

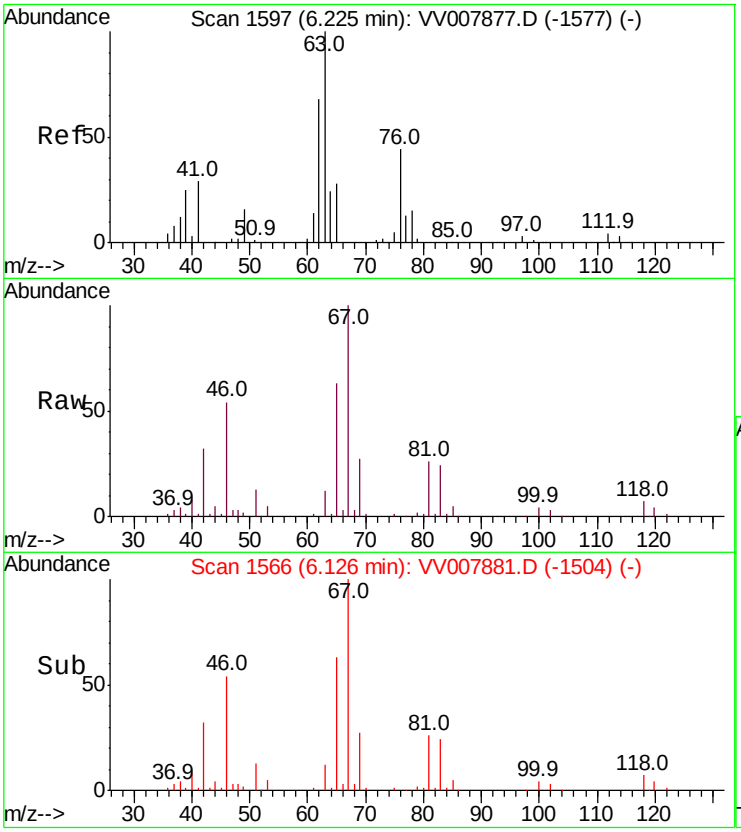




#33
Benzene
Concen: 10.784 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Tgt Ion: 78 Resp: 52502



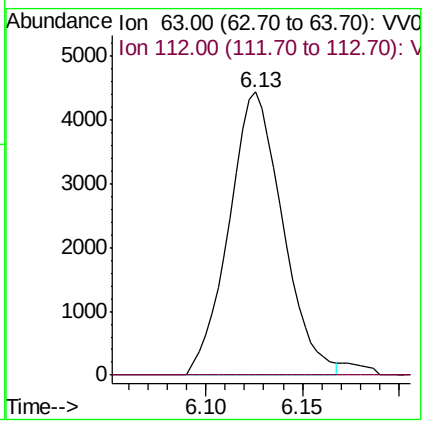


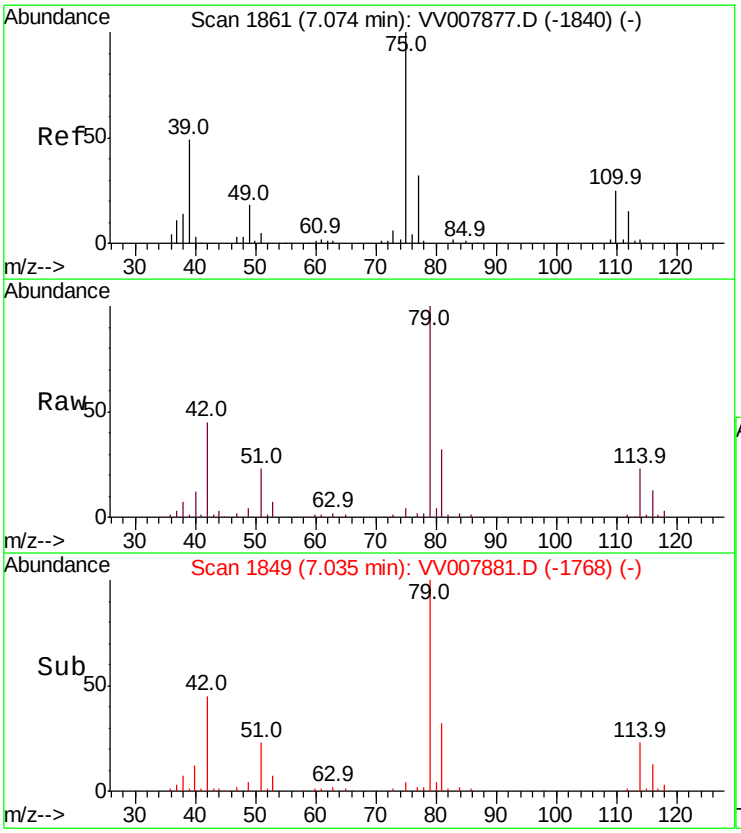
#37
1,2-Dichloropropane
Concen: 6.602 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 8572

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

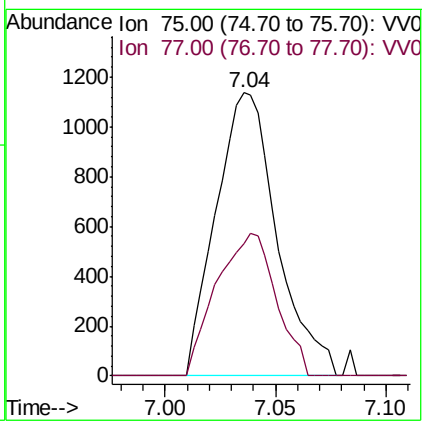


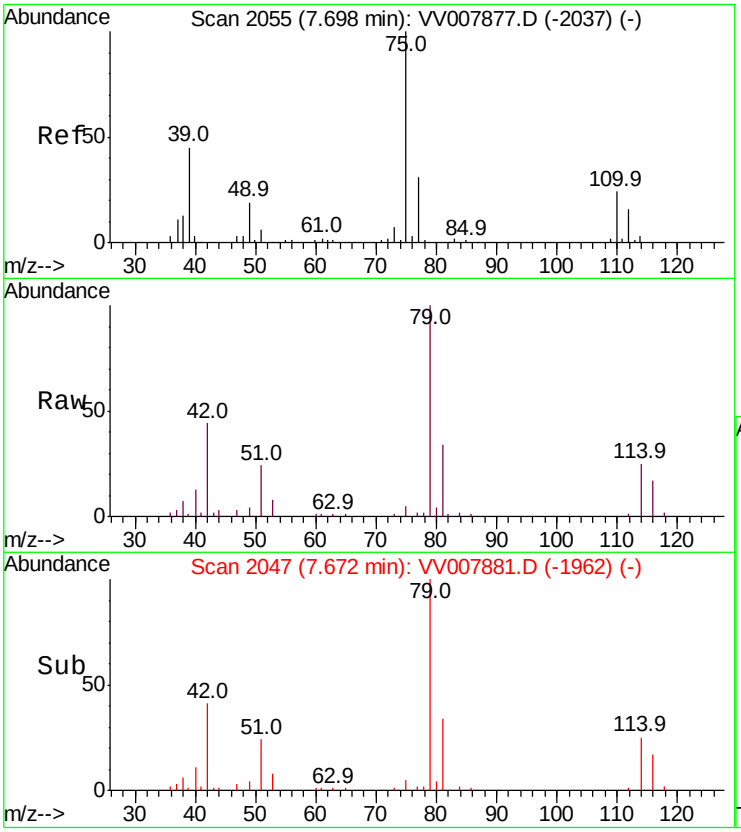


#39
cis-1,3-Dichloropropene
Concen: 1.158 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Tgt Ion: 75 Resp: 2183

Ion	Ratio	Lower	Upper
75	100		
77	46.8	22.8	42.4#



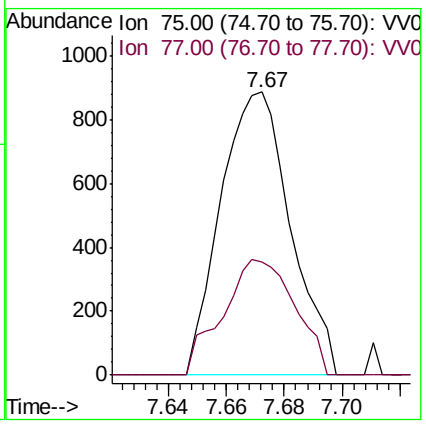


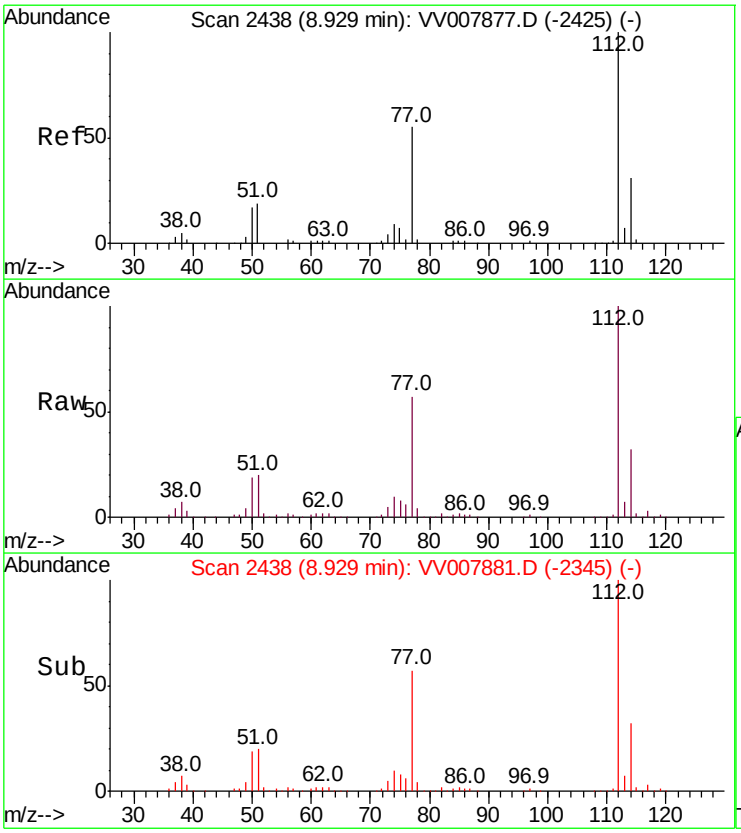
#44
trans-1,3-Dichloropropene
Concen: 0.791 ug/L
RT: 7.67 min Scan# 2047
Delta R.T. -0.03 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1482

Ion	Ratio	Lower	Upper
75	100		
77	39.9	22.5	41.9

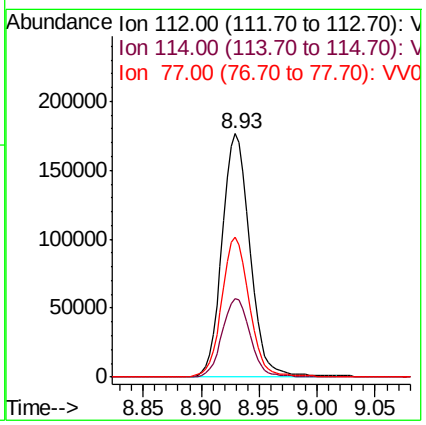


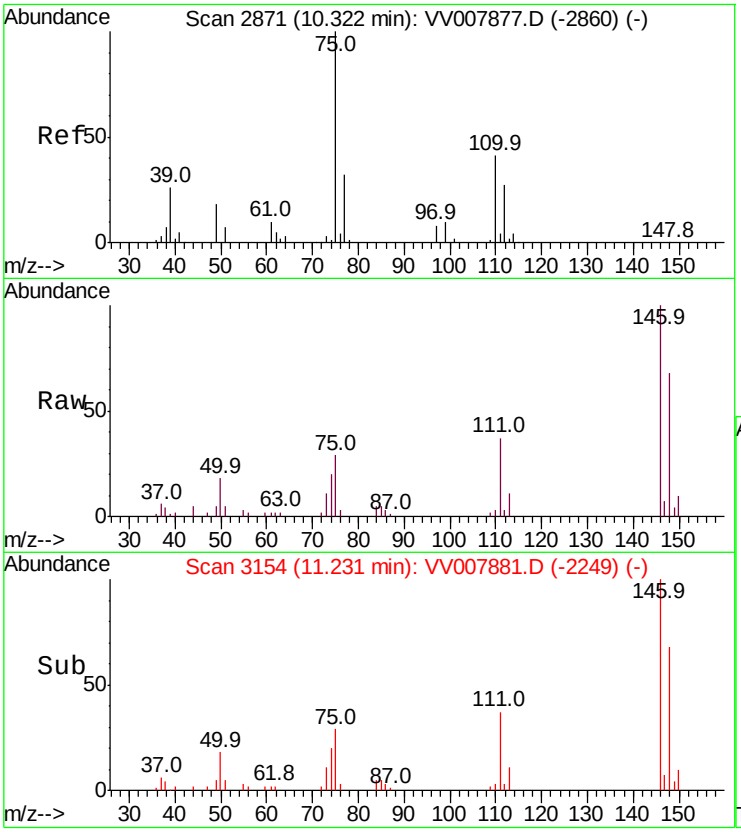


#51
Chlorobenzene
Concen: 77.297 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Tgt Ion:112 Resp: 293463

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.5
77	57.3	45.2	67.8



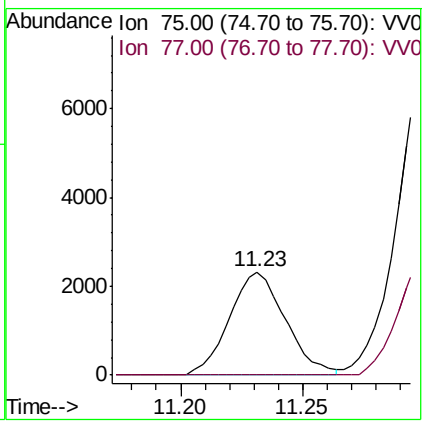


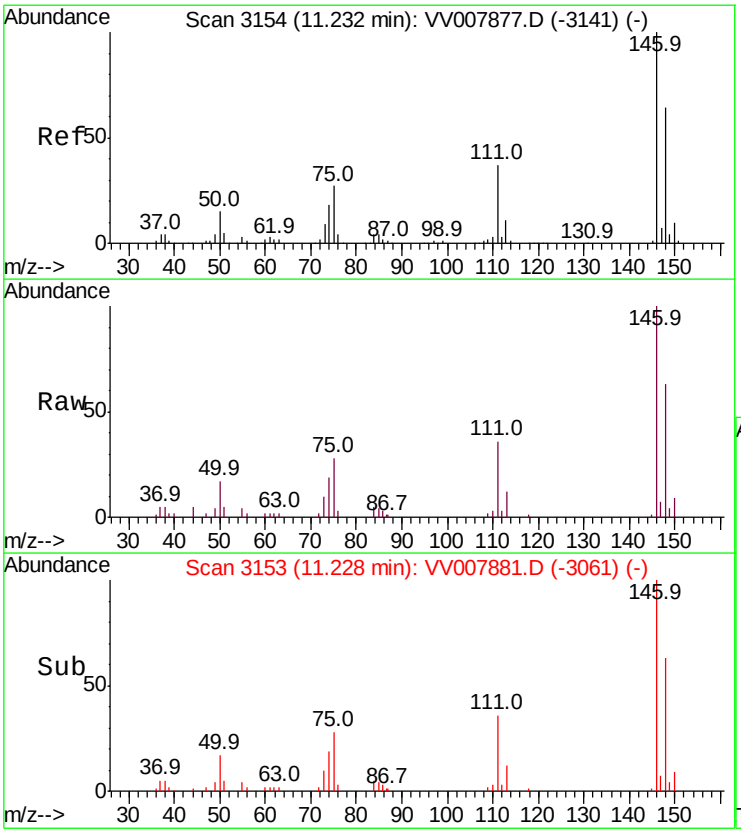
#59
1,2,3-Trichloropropane
Concen: 2.141 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.91 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 3701

Ion	Ratio	Lower	Upper
75	100		
77	1.1	25.8	38.6#

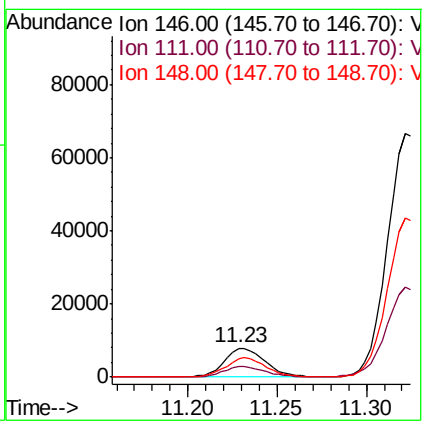


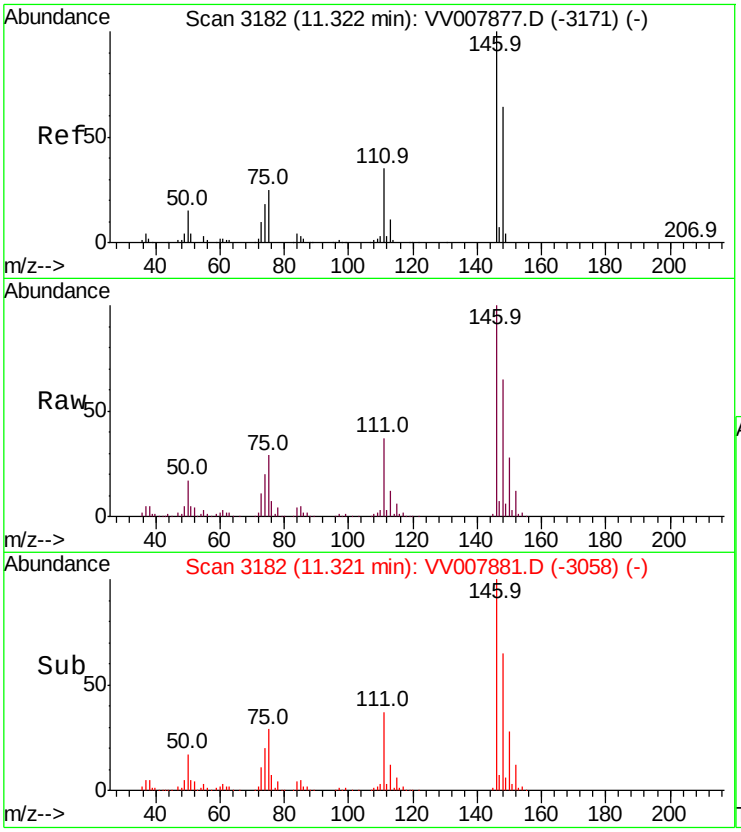


#62
1,3-Dichlorobenzene
Concen: 4.345 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Tgt Ion:146 Resp: 12784

Ion	Ratio	Lower	Upper
146	100		
111	35.7	25.6	47.4
148	62.6	45.4	84.2



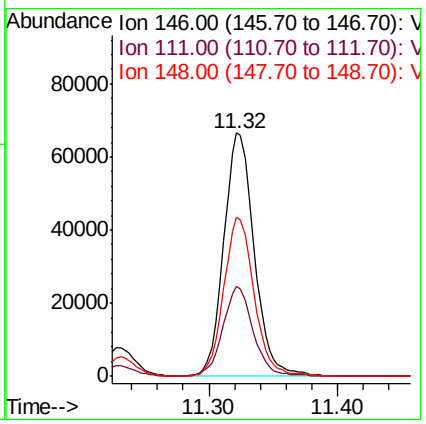


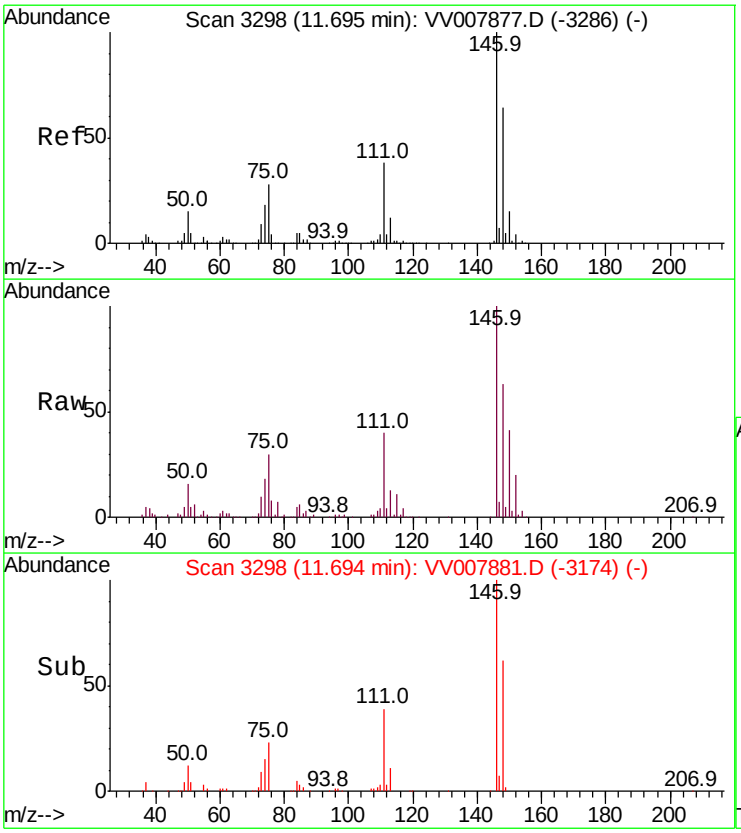
#63
1,4-Dichlorobenzene
Concen: 34.856 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 108980

Ion	Ratio	Lower	Upper
146	100		
111	36.8	25.2	46.8
148	65.3	44.2	82.0

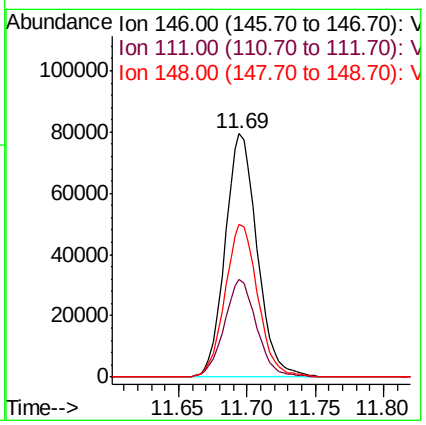


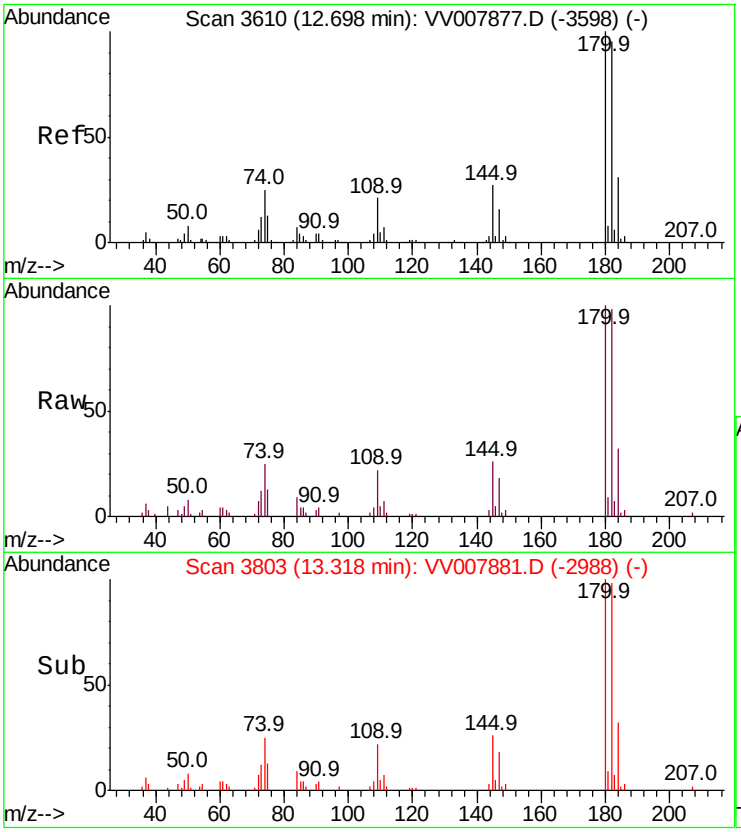


#65
1,2-Dichlorobenzene
Concen: 42.445 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Tgt Ion:146 Resp: 129594

Ion	Ratio	Lower	Upper
146	100		
111	39.9	31.2	46.8
148	62.7	51.5	77.3



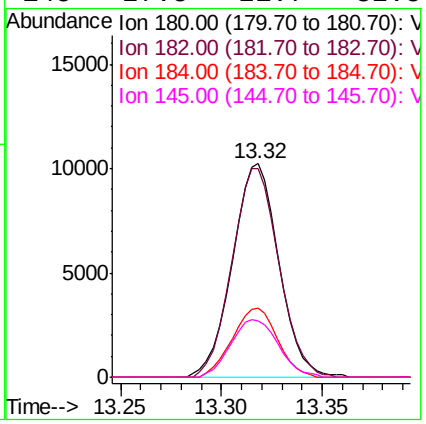


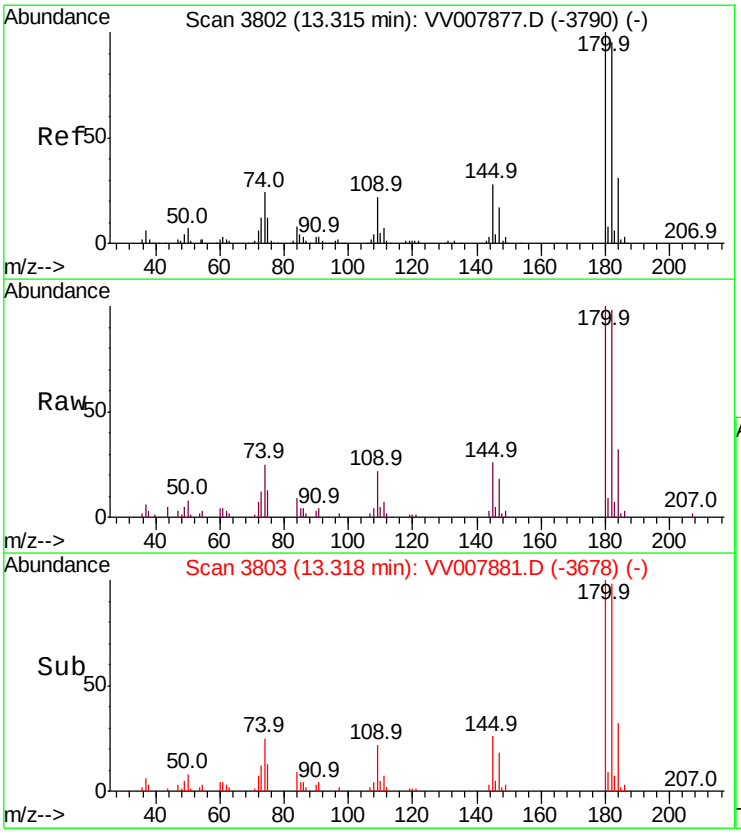
#67
1,3,5-Trichlorobenzene
Concen: 6.654 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.62 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 16506

Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.8	115.2
184	31.5	24.6	36.8
145	27.5	21.7	32.5

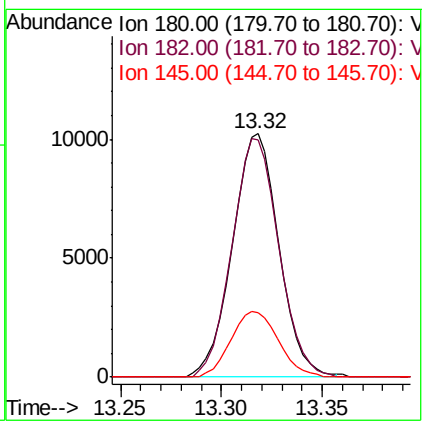


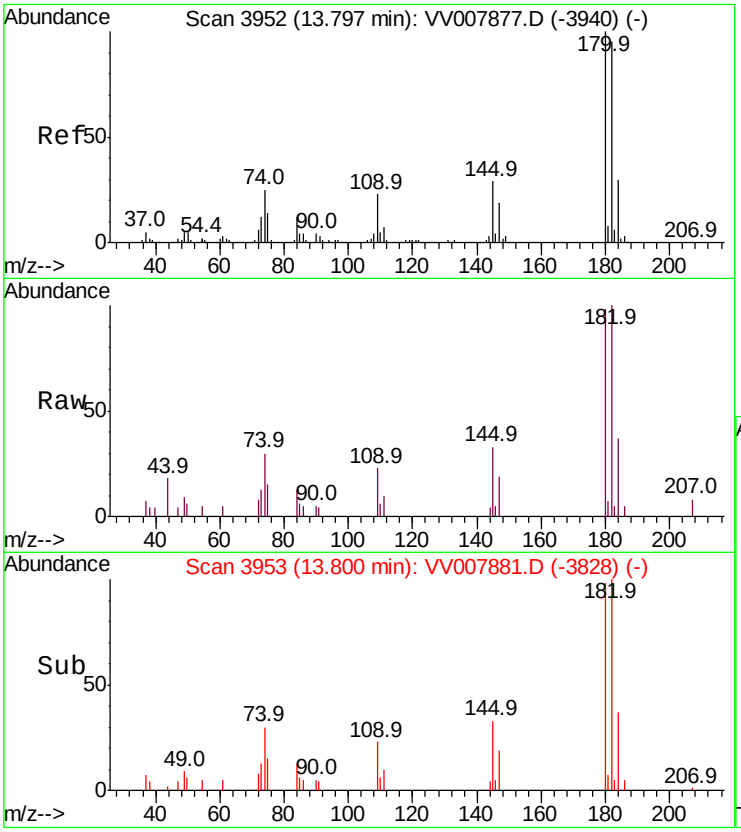


#68
1,2,4-trichlorobenzene
Concen: 7.887 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.00 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Tgt Ion:180 Resp: 16506

Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.6	115.0
145	27.5	22.7	34.1





#70
1,2,3-Trichlorobenzene
Concen: 2.066 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.00 min
Lab File: VV007881.D
Acq: 26 Sep 2018 14:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 4377

Ion	Ratio	Lower	Upper
180	100		
182	97.9	76.7	115.1
145	30.4	23.6	35.4