Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031919\

Quantitation Report (Not Reviewed)

Data File : VV009778.D
Acq On : 19 Mar 2019 15:18
Operator : SY/MD
Sample : K1967-02DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09B0DL

Quant Time: Mar 20 05:19:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 05:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	115088	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44615	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24918	32.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.22%			
7) Chloroethane-d5	1.56	69	20597	35.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 71.96%			
11) 1,1-Dichloroethene-d2	2.12	63	41366	25.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 50.06%#			
21) 2-Butanone-d5	3.93	46	31272	67.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 67.66%			
24) Chloroform-d	4.40	84	47089	33.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 66.06%#			
26) 1,2-Dichloroethane-d4	5.08	65	29580	34.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 68.38%#			
32) Benzene-d6	5.10	84	101835	35.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.72%			
36) 1,2-Dichloropropane-d6	6.12	67	30650	34.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 69.92%#			
41) Toluene-d8	7.36	98	95191	34.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 68.70%#			
43) trans-1,3-Dichloropropene-	7.67	79	13285	32.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.08%			
47) 2-Hexanone-d5	8.13	63	22425	62.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 62.84%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43011	32.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 64.68%#			
64) 1,2-Dichlorobenzene-d4	11.68	152	34134	37.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.62%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	440	0.556	ug/L #	19
33) Benzene	5.15	78	25050	8.327	ug/L	100
35) Methylcyclohexane	6.12	83	7373	5.714	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	3296	4.297	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	740	0.667	ug/L #	79
51) Chlorobenzene	8.93	112	155974	69.297	ug/L	98
59) 1,2,3-Trichloropropane	11.23	75	2410	2.388	ug/L #	42
62) 1,3-Dichlorobenzene	11.23	146	8344	5.701	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	36767	24.899	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	42880	28.712	ug/L	96
67) 1,3,5-Trichlorobenzene	13.31	180	11087	11.911	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	11087	16.994	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	2801	4.283	ug/L	96

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

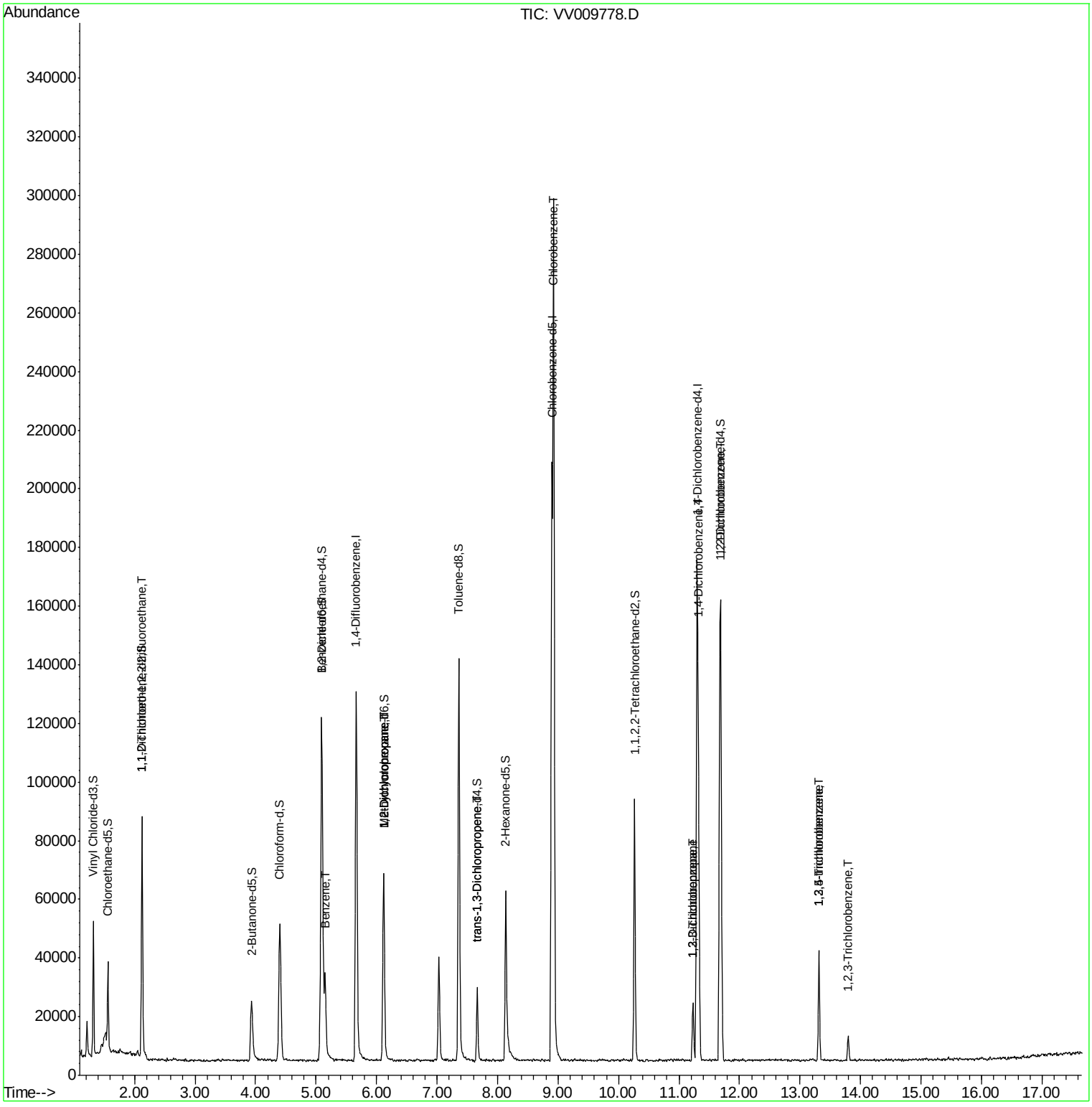
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031919\

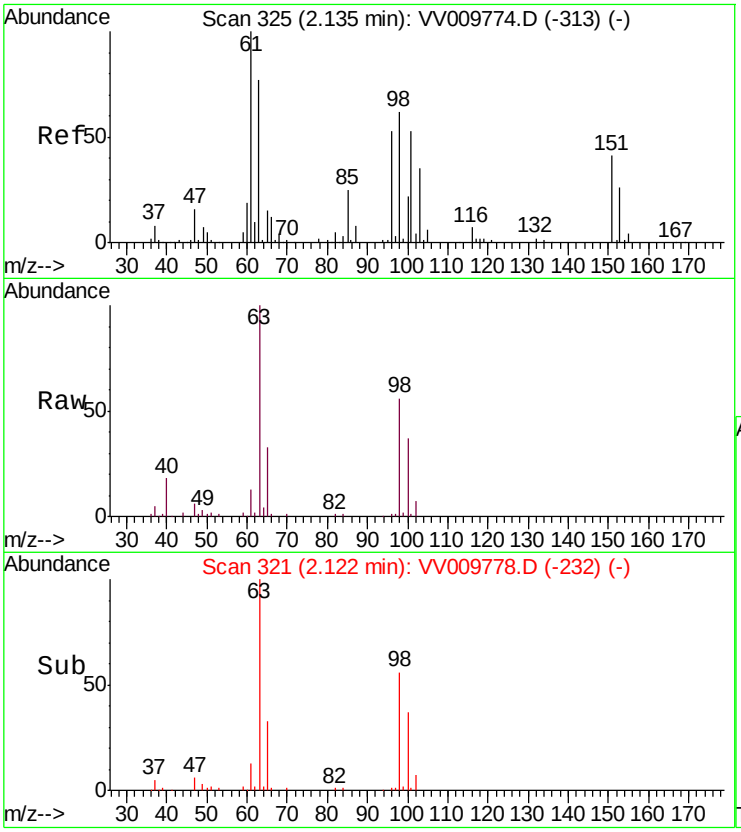
Quantitation Report (Not Reviewed)

Data File : VV009778.D
Acq On : 19 Mar 2019 15:18
Operator : SY/MD
Sample : K1967-02DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09B0DL

Quant Time: Mar 20 05:19:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 05:16:13 2019
Response via : Initial Calibration



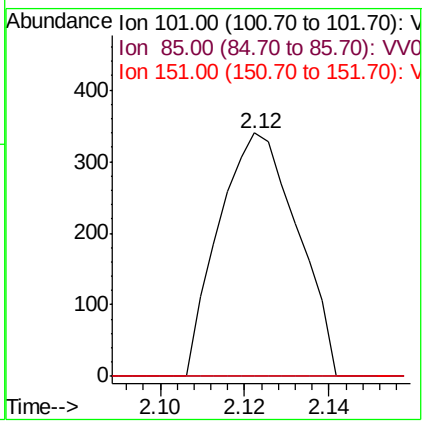


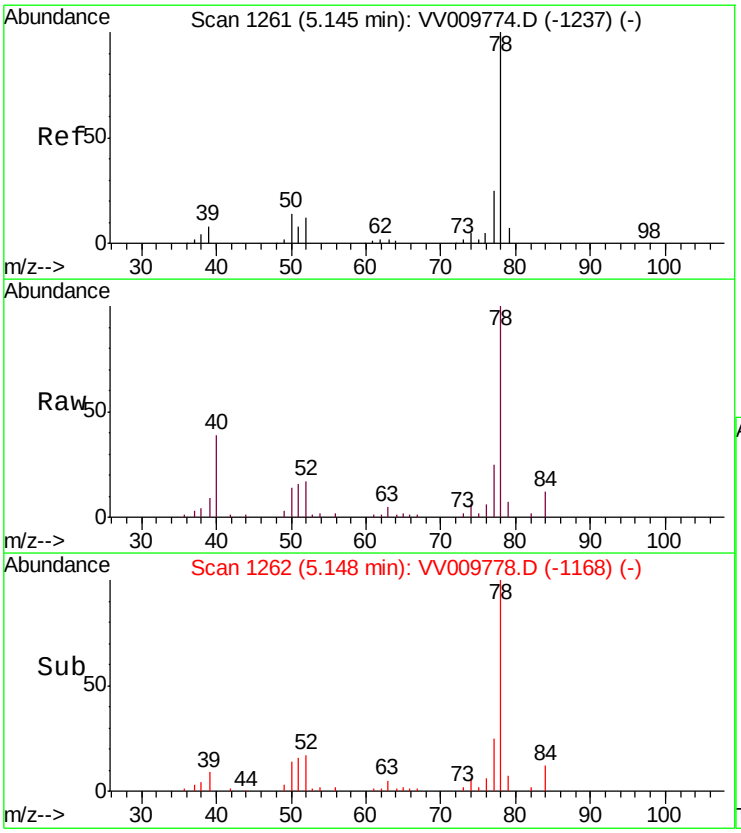
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.556 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Instrument :
MSVOA_V
ClientSampleId :
C09B0DL

Tgt Ion:101 Resp: 440

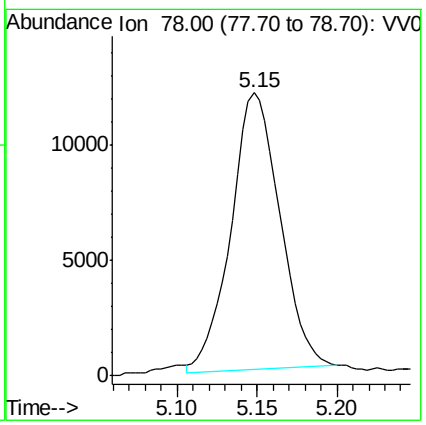
Ion	Ratio	Lower	Upper
101	100		
85	0.0	38.5	57.7#
151	0.0	58.9	88.3#

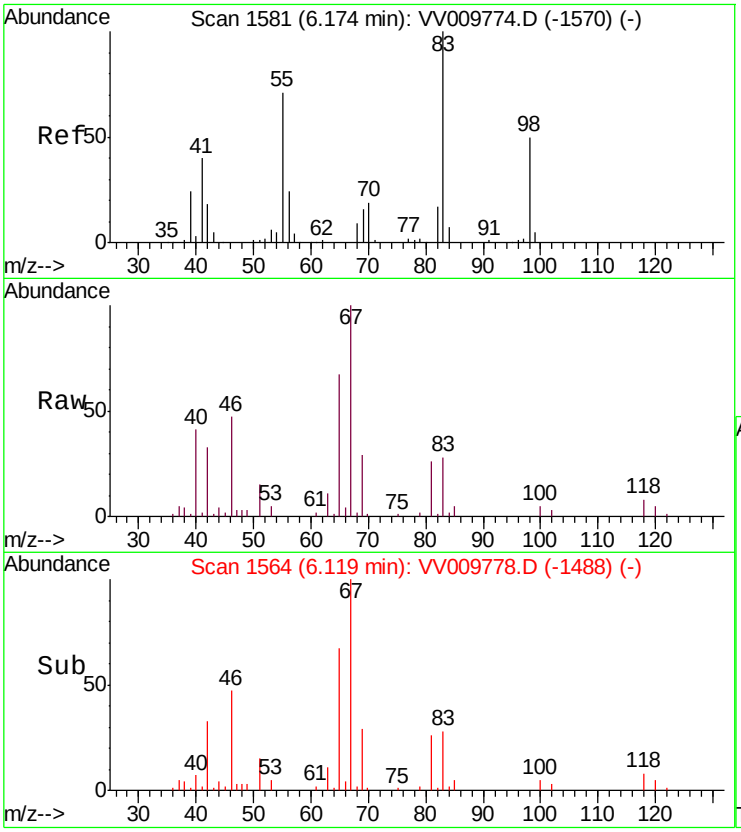




#33
Benzene
Concen: 8.327 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Tgt Ion: 78 Resp: 25050



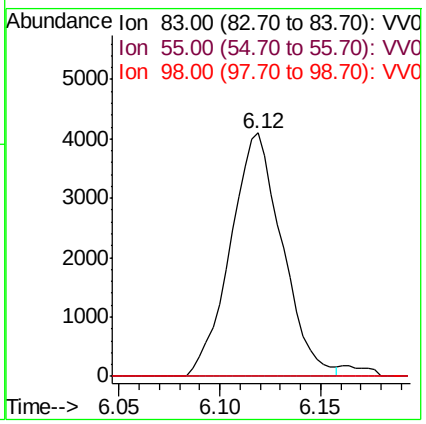


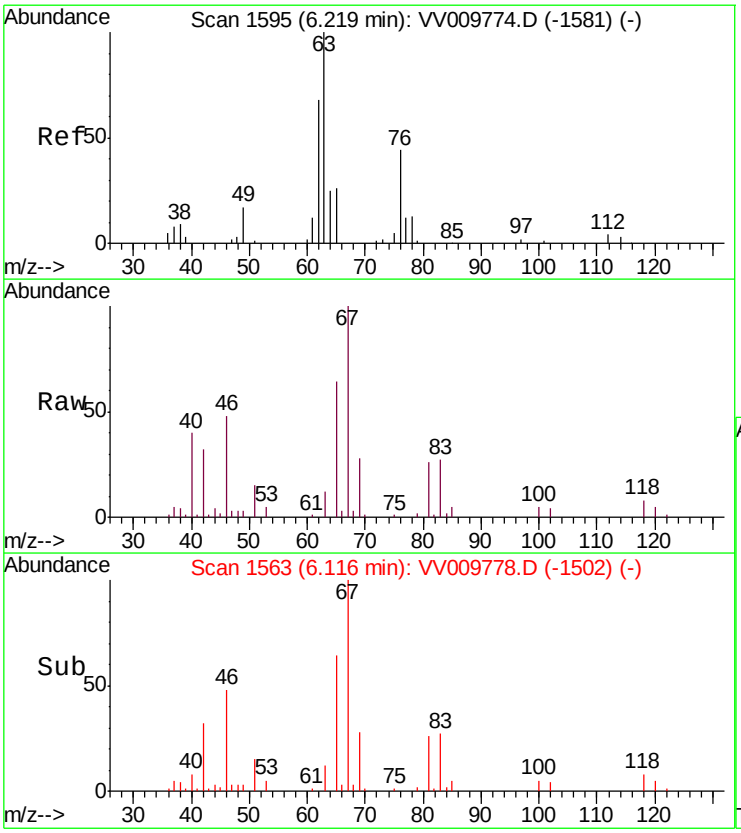
#35
Methylcyclohexane
Concen: 5.714 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Instrument : MSVOA_V
ClientSampleId : C09B0DL

Tgt Ion: 83 Resp: 7373

Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.2	81.4#
98	0.0	38.4	57.6#

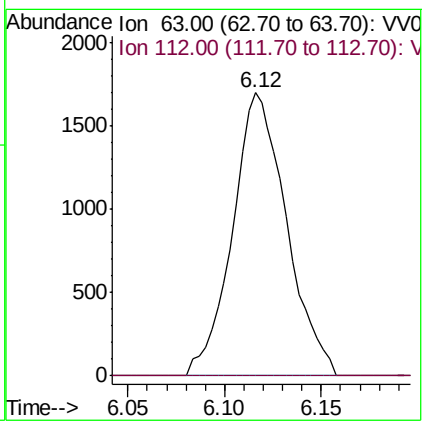


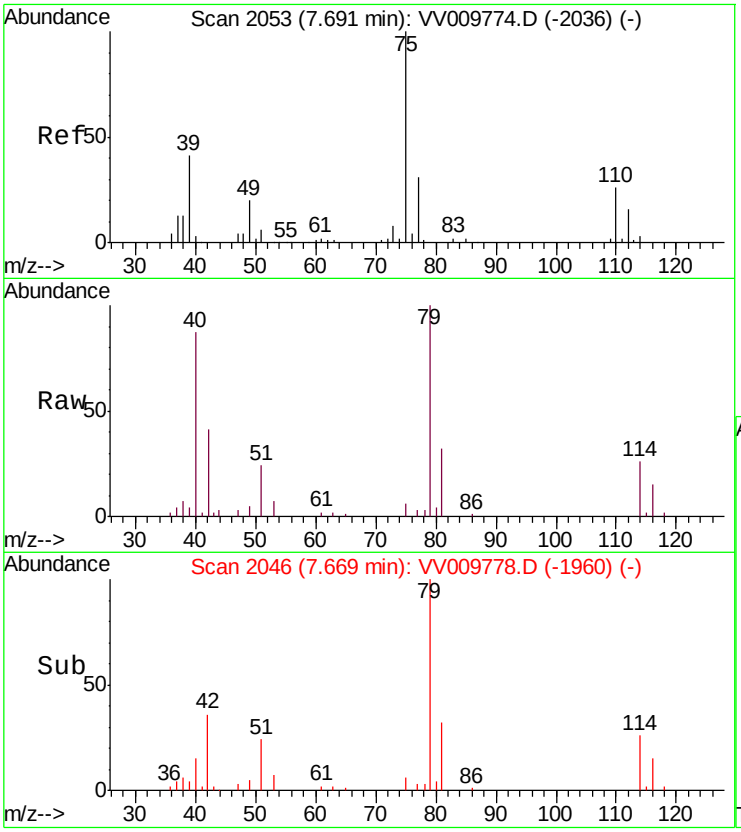


#37
1,2-Dichloropropane
Concen: 4.297 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Tgt Ion: 63 Resp: 3296

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



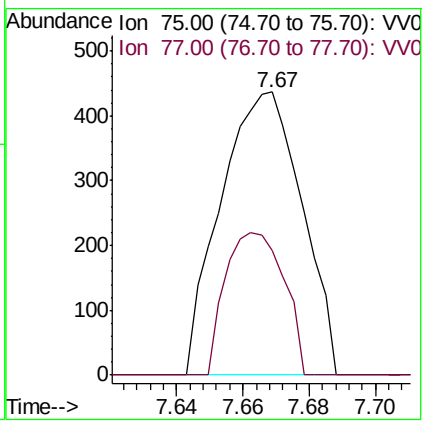


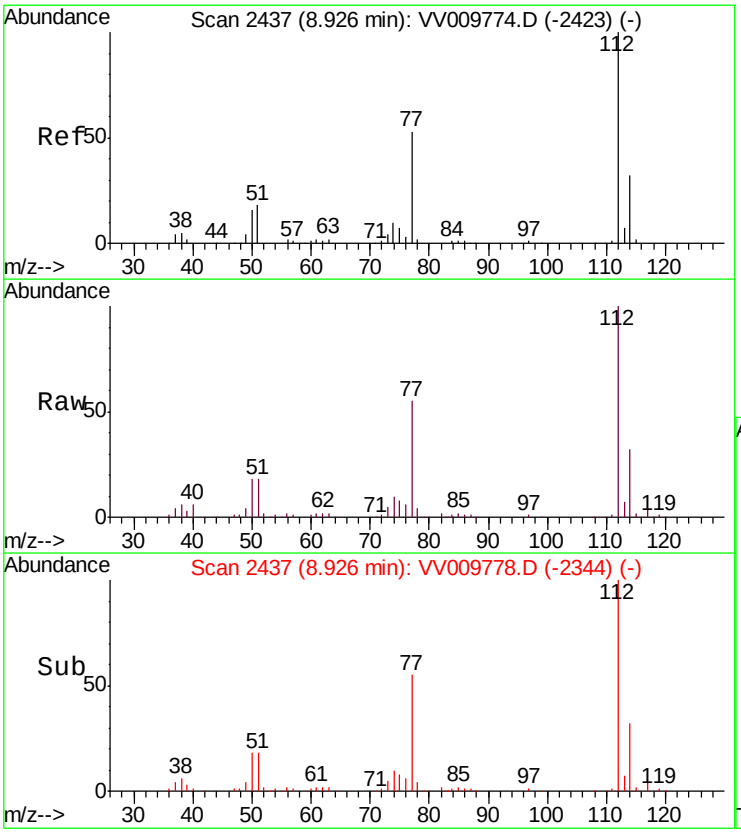
#44
trans-1,3-Dichloropropene
Concen: 0.667 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Instrument :
MSVOA_V
ClientSampleId :
C09B0DL

Tgt Ion: 75 Resp: 740

Ion	Ratio	Lower	Upper
75	100		
77	43.9	22.5	41.7#

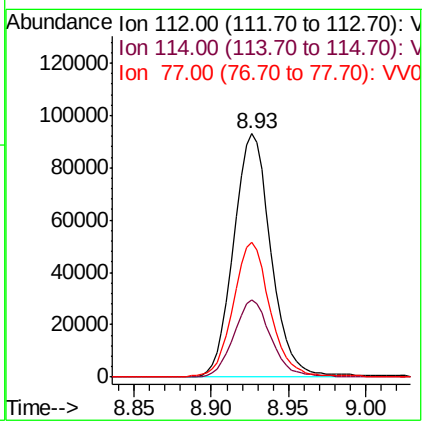


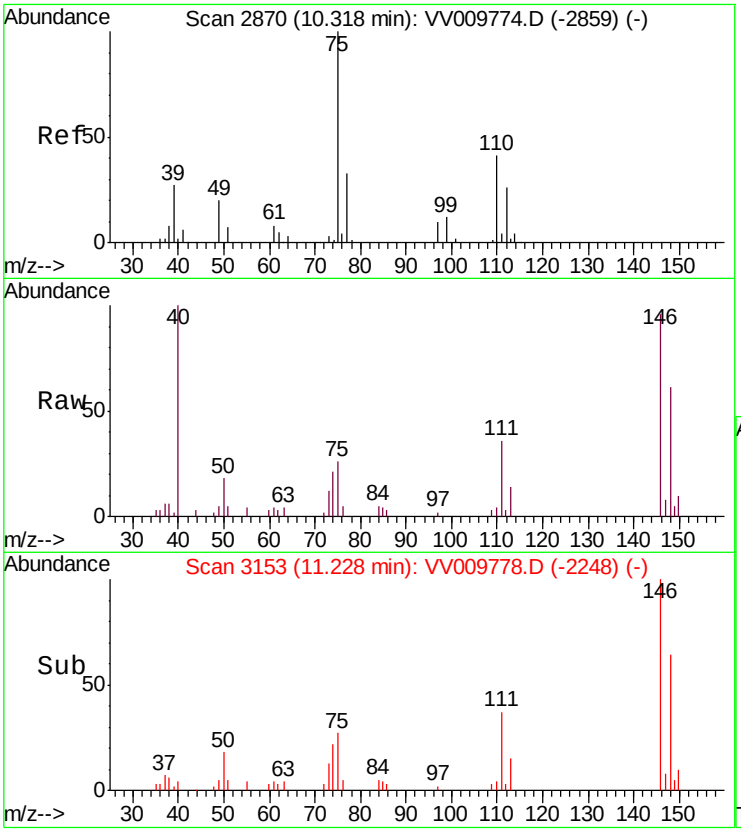


#51
Chlorobenzene
Concen: 69.297 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Tgt Ion:112 Resp: 155974

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.5	41.9
77	55.3	45.4	68.2



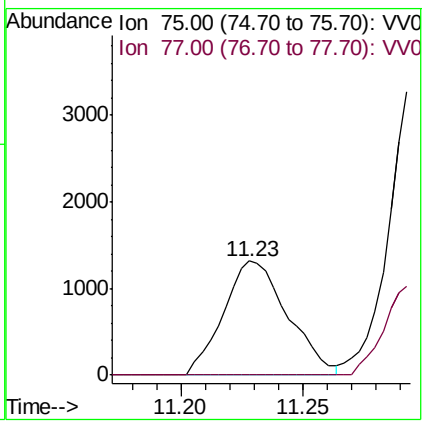


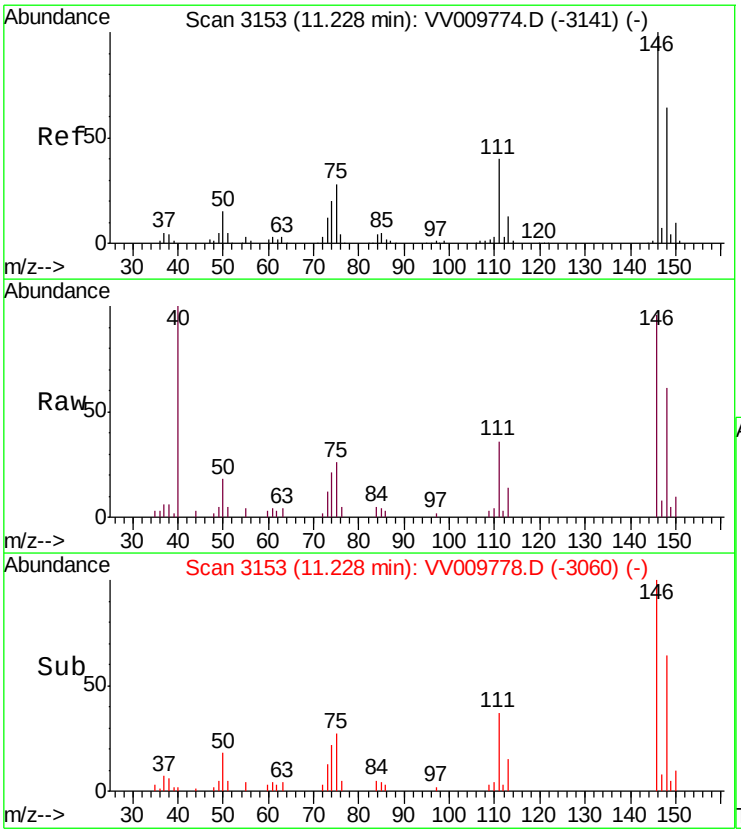
#59
1,2,3-Trichloropropane
Concen: 2.388 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. 0.91 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Instrument : MSVOA_V
ClientSampleId : C09B0DL

Tgt Ion: 75 Resp: 2410

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.4#

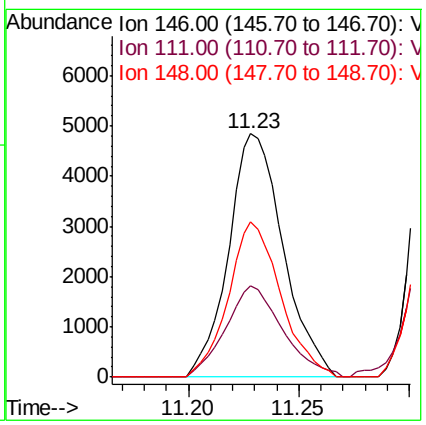


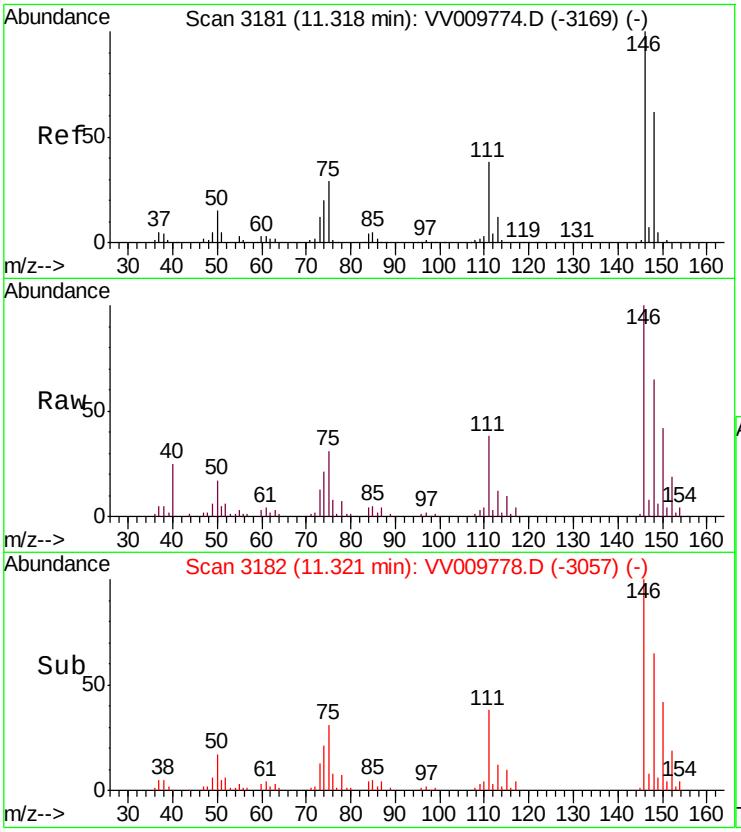


#62
1,3-Dichlorobenzene
Concen: 5.701 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Tgt Ion:146 Resp: 8344

Ion	Ratio	Lower	Upper
146	100		
111	37.3	28.8	53.4
148	63.6	44.8	83.2



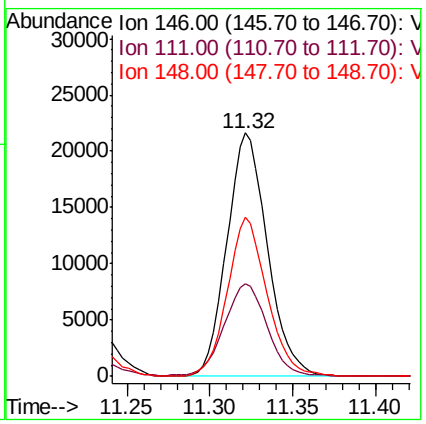


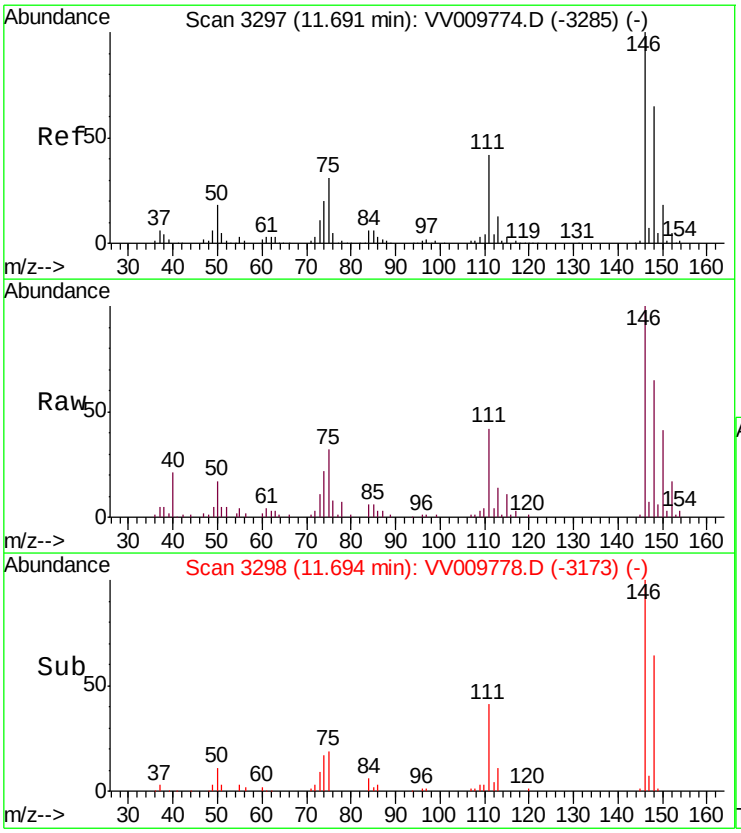
#63
1,4-Dichlorobenzene
Concen: 24.899 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Instrument :
MSVOA_V
ClientSampleId :
C09B0DL

Tgt Ion:146 Resp: 36767

Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.7	49.5
148	65.4	44.3	82.3

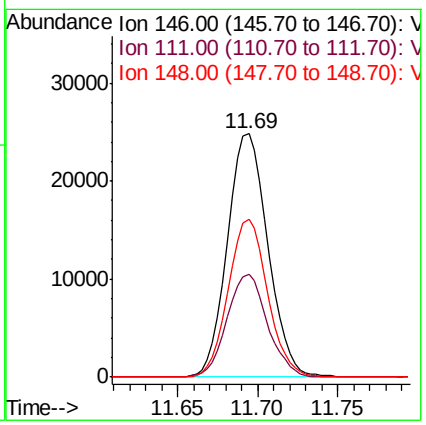


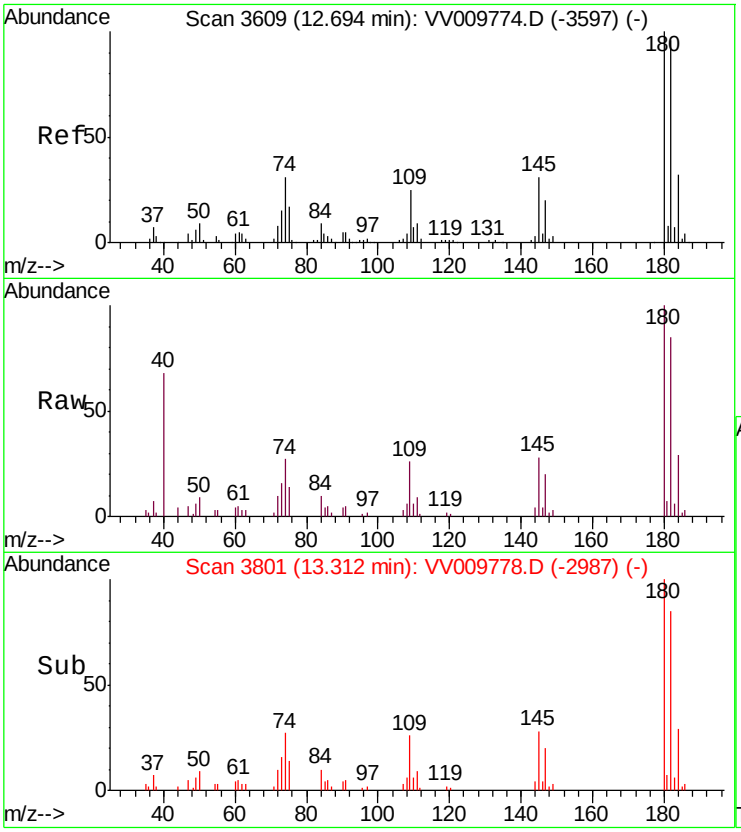


#65
1,2-Dichlorobenzene
Concen: 28.712 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Tgt Ion:146 Resp: 42880

Ion	Ratio	Lower	Upper
146	100		
111	42.3	32.2	48.4
148	65.0	49.6	74.4



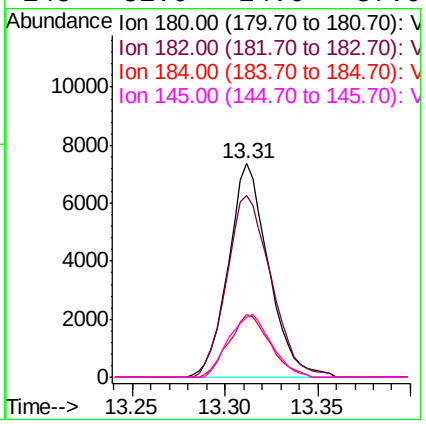


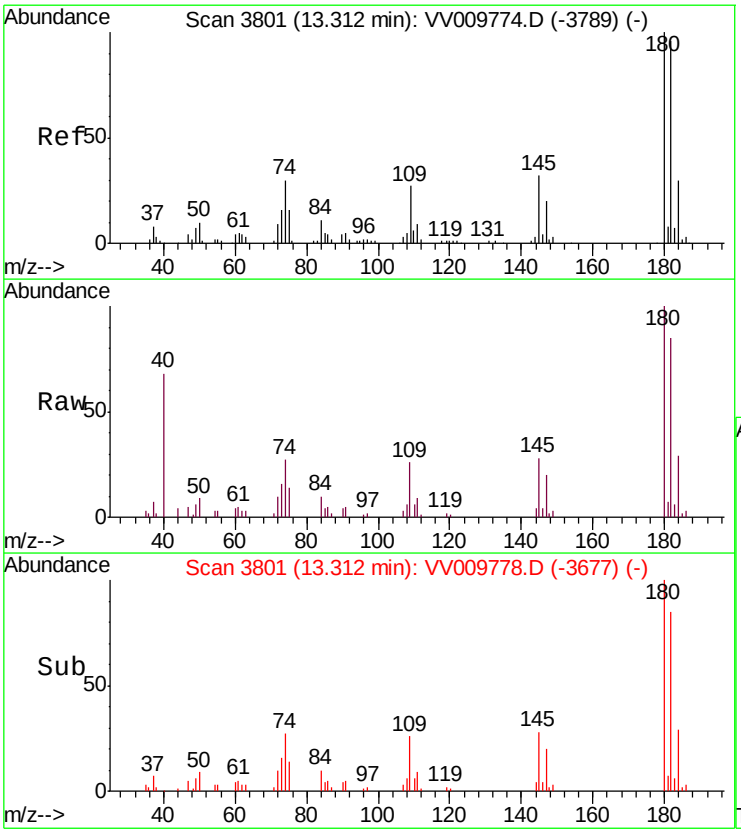
#67
1,3,5-Trichlorobenzene
Concen: 11.911 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.62 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Instrument :
MSVOA_V
ClientSampleId :
C09B0DL

Tgt Ion:180 Resp: 11087

Ion	Ratio	Lower	Upper
180	100		
182	93.6	73.9	110.9
184	30.3	23.4	35.2
145	31.0	24.6	37.0

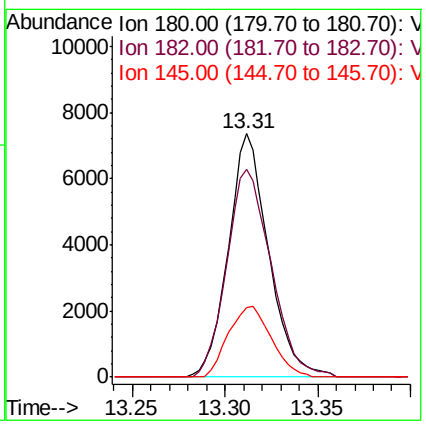


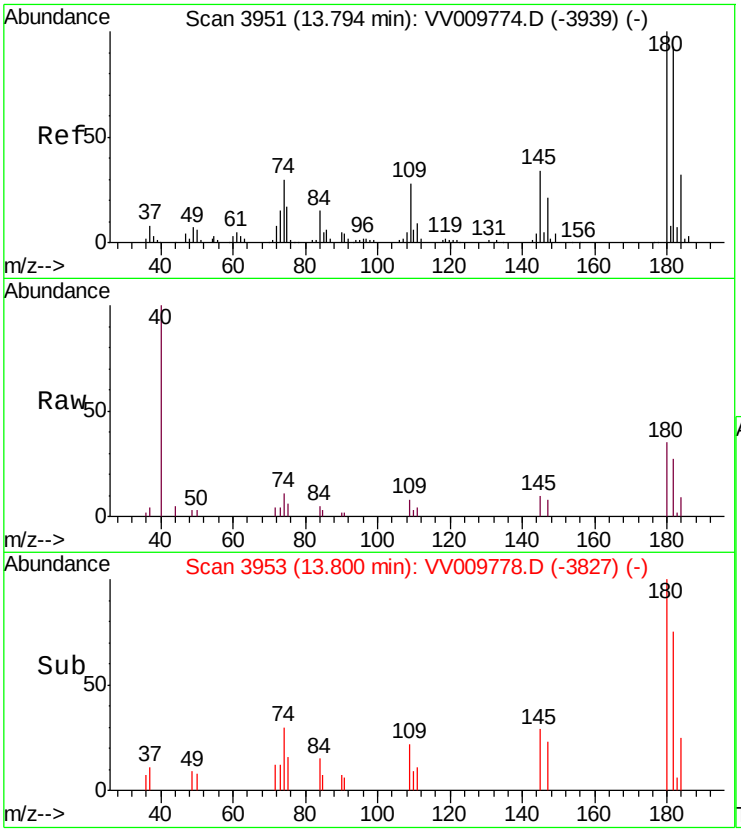


#68
1,2,4-trichlorobenzene
Concen: 16.994 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. -0.00 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Tgt Ion:180 Resp: 11087

Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.7	113.5
145	31.0	25.3	37.9





#70
1,2,3-Trichlorobenzene
Concen: 4.283 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.01 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Instrument :
MSVOA_V
ClientSampleId :
C09B0DL

Tgt Ion:180 Resp: 2801

Ion	Ratio	Lower	Upper
180	100		
182	86.8	73.3	109.9
145	33.6	26.4	39.6