Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013256.D
Acq On : 21 Oct 2019 20:58
Operator : SY/MD
Sample : K5457-15DL 10X
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K20DL

Quant Time: Oct 22 03:56:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	458283	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	479304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	238023	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	160156	4.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.80%			
7) Chloroethane-d5	1.58	69	142315	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.13	63	215033	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	3.99	46	444048	68.44	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 136.88%#			
24) Chloroform-d	4.40	84	390082	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.08	65	193313	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.09	84	794019	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.12	67	248085	5.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.40%			
41) Toluene-d8	7.36	98	646783	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.67	79	80104	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.14	63	310716	49.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.68%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	164598	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	249612	5.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.80%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2930	0.077	ug/L #	29
12) 1,1-Dichloroethene	2.12	96	2624	0.073	ug/L #	1
16) Methylene chloride	2.54	84	32803	0.606	ug/L	99
25) Chloroform	4.42	83	13000	0.144	ug/L	100
27) 1,2-Dichloroethane	5.09	62	4553	0.095	ug/L	96
35) Methylcyclohexane	6.12	83	59600	0.789	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	26565	0.598	ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	3310	0.070	ug/L #	39
47) Tetrachloroethene	8.02	164	325156	7.291	ug/L	99
48) 2-Hexanone	8.14	43	39103	2.410	ug/L #	77
49) Dibromochloromethane	8.02	129	277674	7.104	ug/L #	11
63) 1,4-Dichlorobenzene	11.31	146	4534	0.053	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	3816	0.062	ug/L	90

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

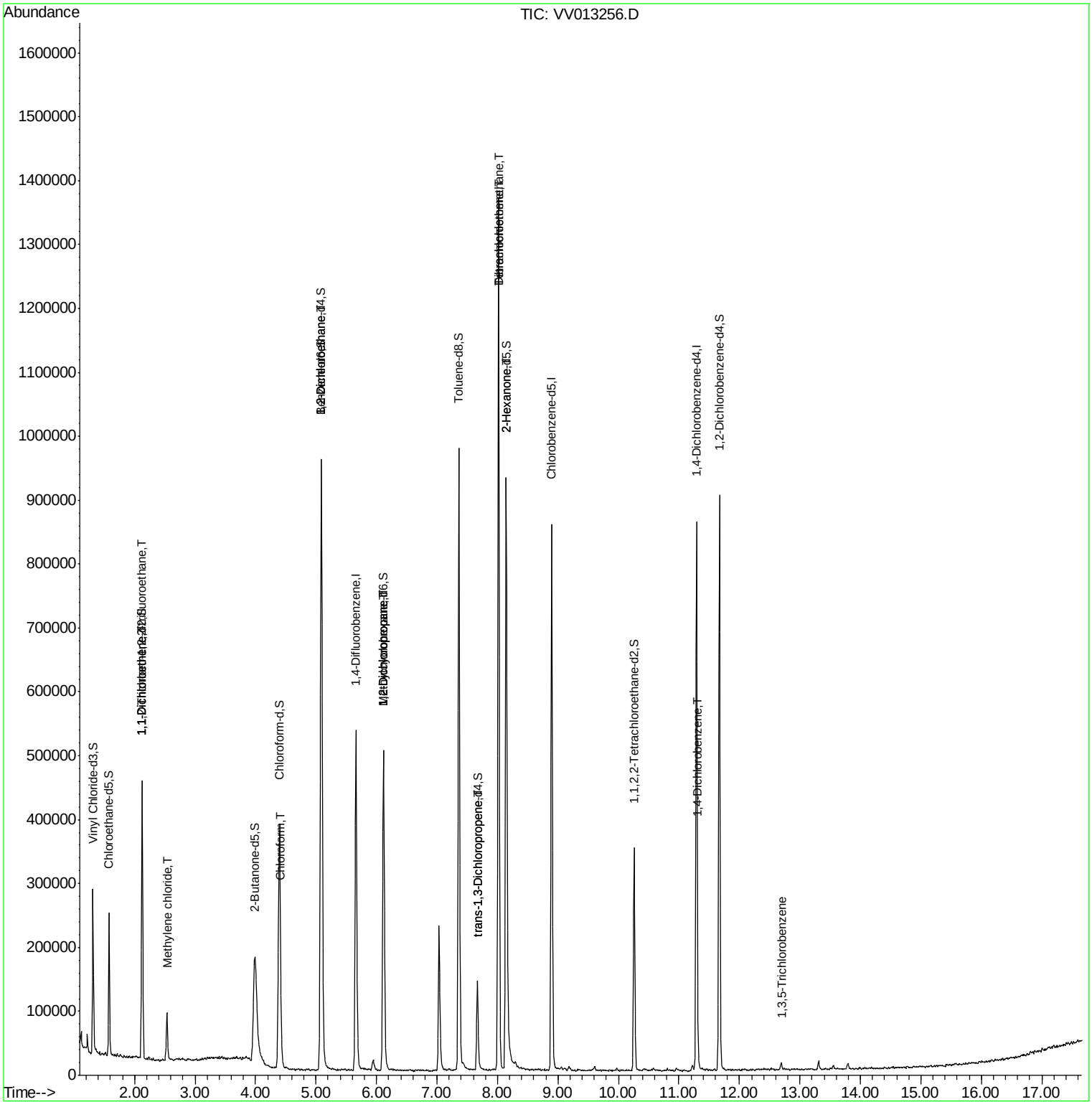
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

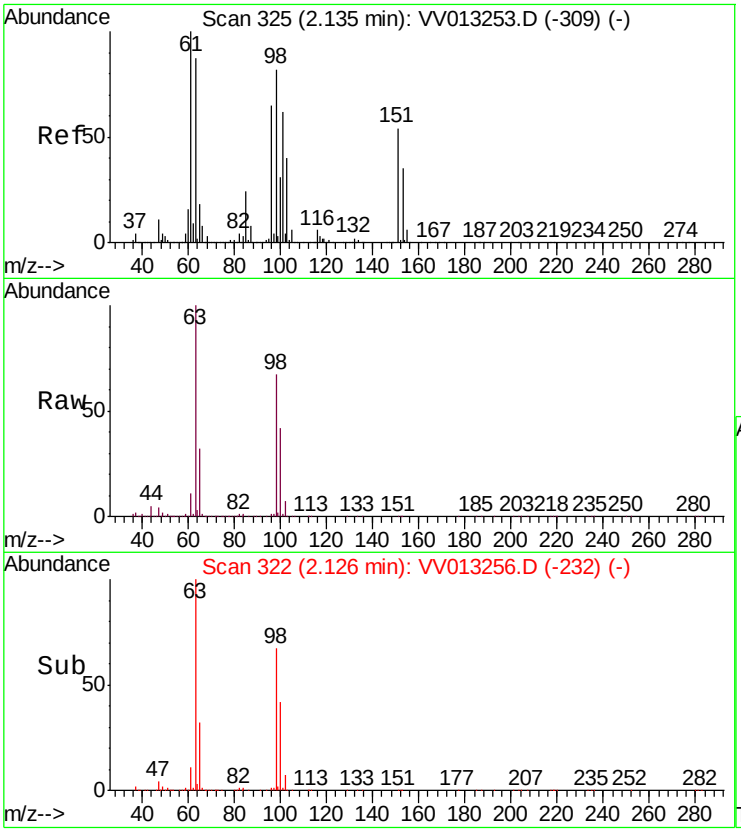
Quantitation Report (Not Reviewed)

Data File : VV013256.D
Acq On : 21 Oct 2019 20:58
Operator : SY/MD
Sample : K5457-15DL 10X
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0K20DL

Quant Time: Oct 22 03:56:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration



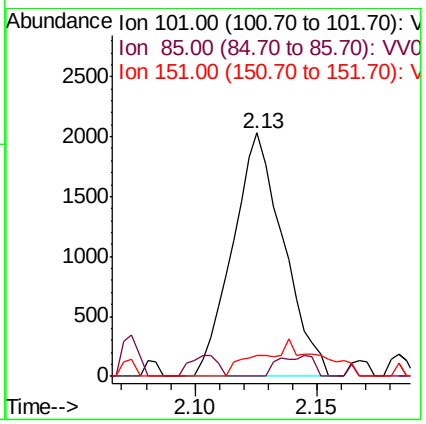


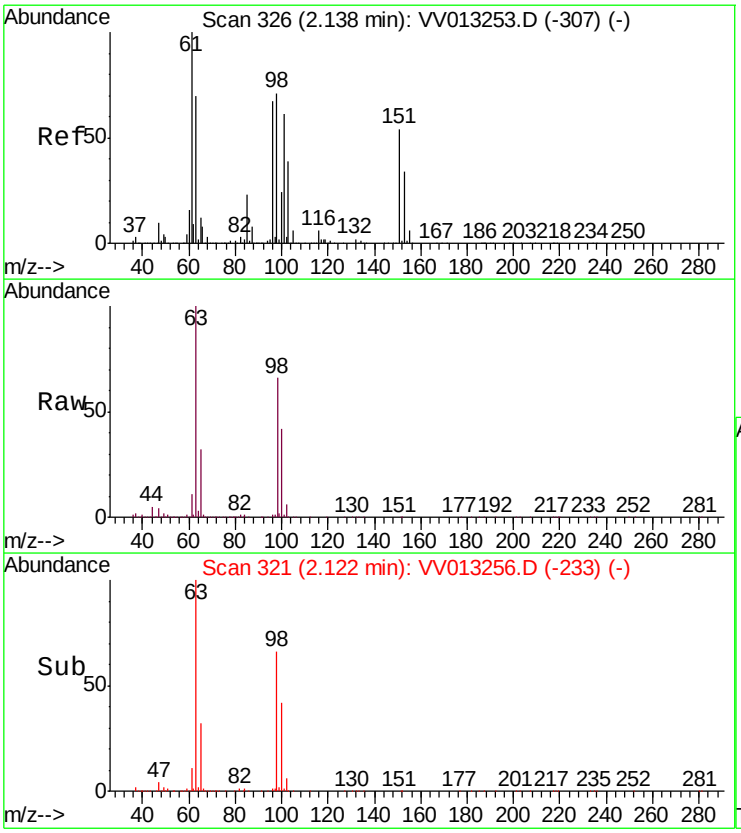
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.077 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Instrument :
MSVOA_V
ClientSampleId :
C0K20DL

Tgt Ion:101 Resp: 2930

Ion	Ratio	Lower	Upper
101	100		
85	5.8	31.8	47.8#
151	17.3	72.9	109.3#

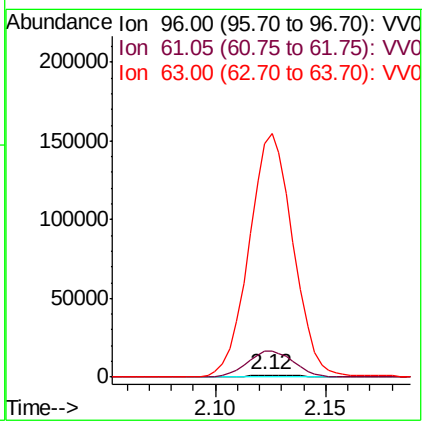


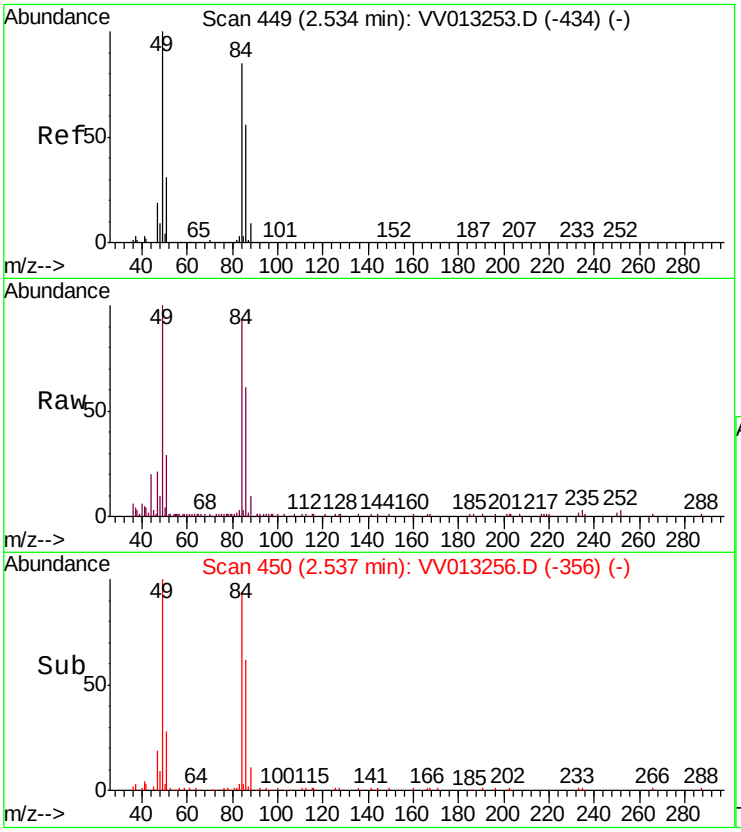


#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.02 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Tgt Ion: 96 Resp: 2624

Ion	Ratio	Lower	Upper
96	100		
61	1289.7	104.0	193.1#
63	11568.8	67.1	124.5#



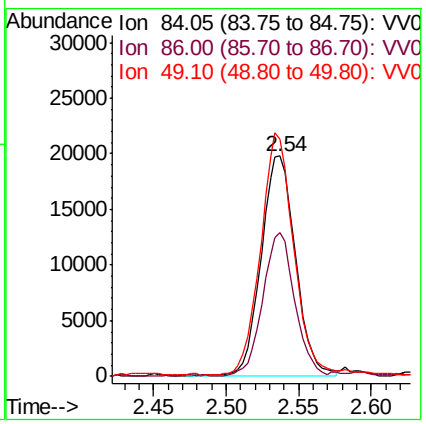


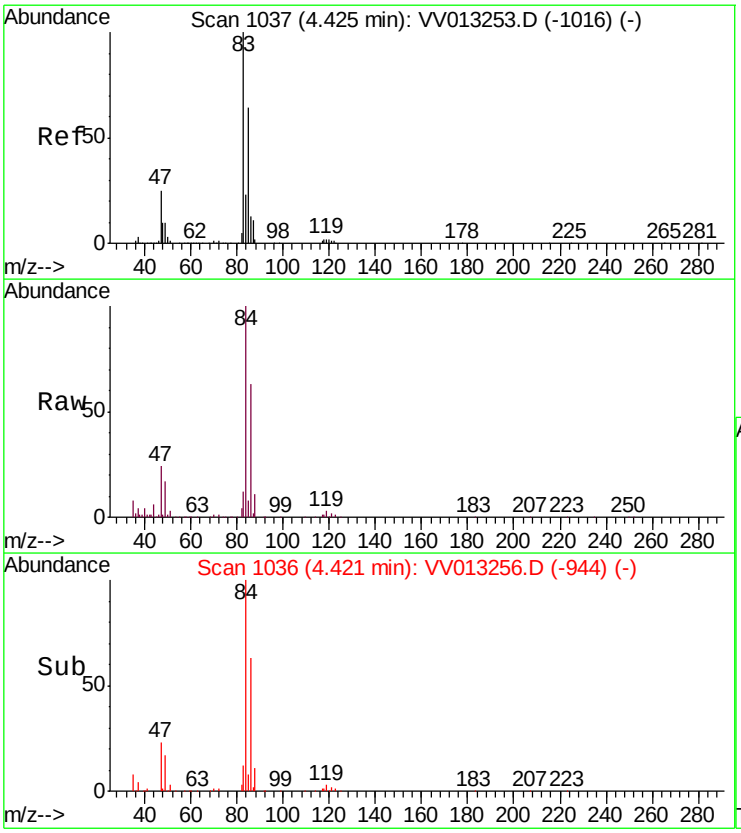
#16
Methylene chloride
Concen: 0.606 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Instrument : MSVOA_V
ClientSampleId : C0K20DL

Tgt Ion: 84 Resp: 32803

Ion	Ratio	Lower	Upper
84	100		
86	65.5	46.2	85.8
49	108.0	76.4	141.8

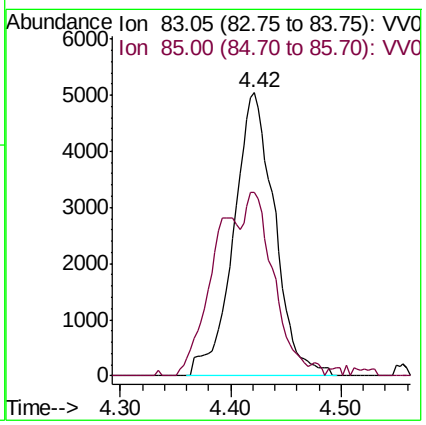


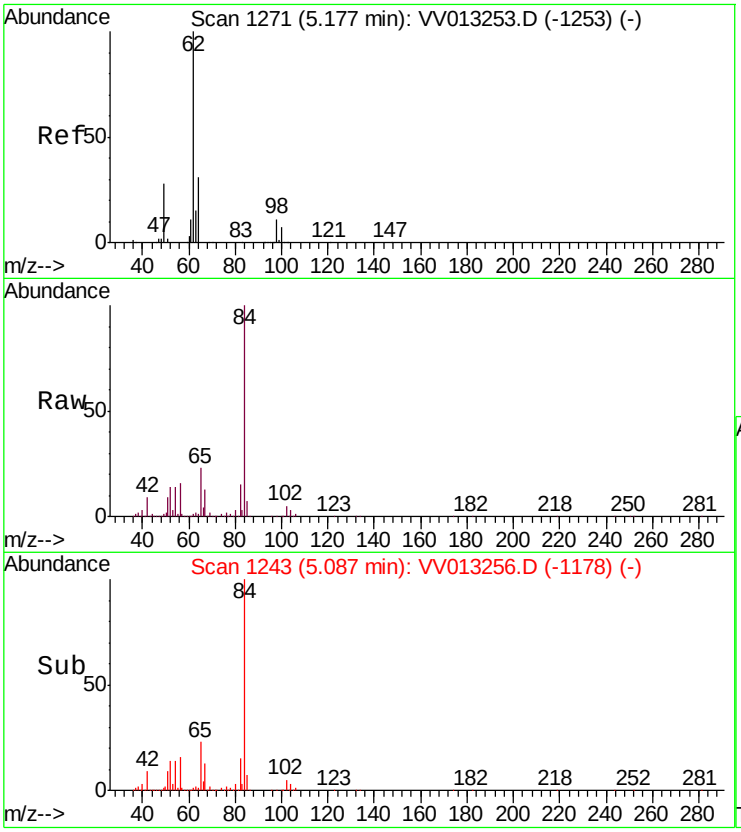


#25
Chloroform
Concen: 0.144 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Tgt Ion: 83 Resp: 13000

Ion	Ratio	Lower	Upper
83	100		
85	64.9	45.7	84.9



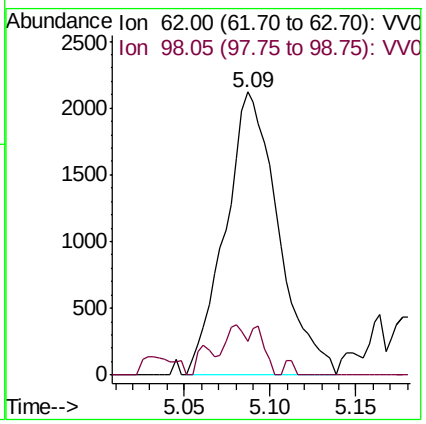


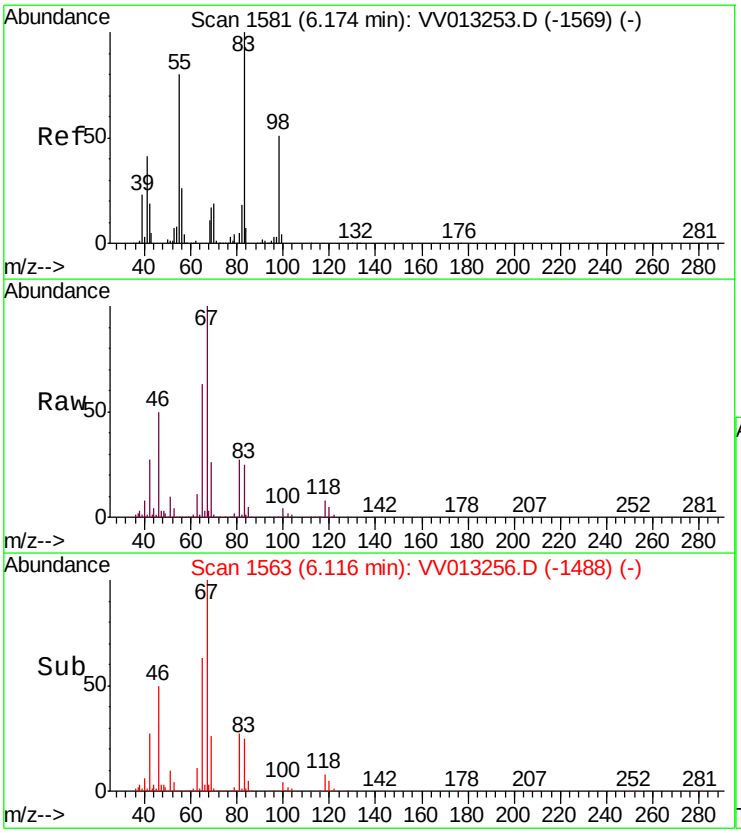
#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.09 min Scan# 1243
Delta R.T. -0.09 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Instrument :
MSVOA_V
ClientSampleId :
C0K20DL

Tgt Ion: 62 Resp: 4553

Ion	Ratio	Lower	Upper
62	100		
98	11.9	8.3	12.5

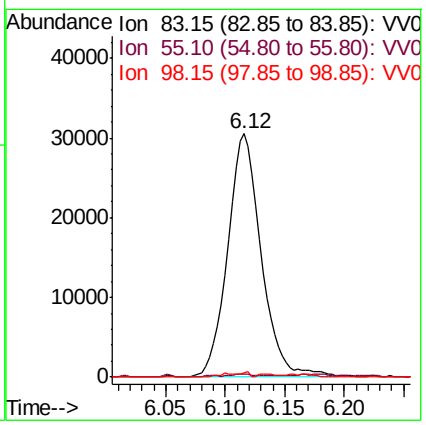


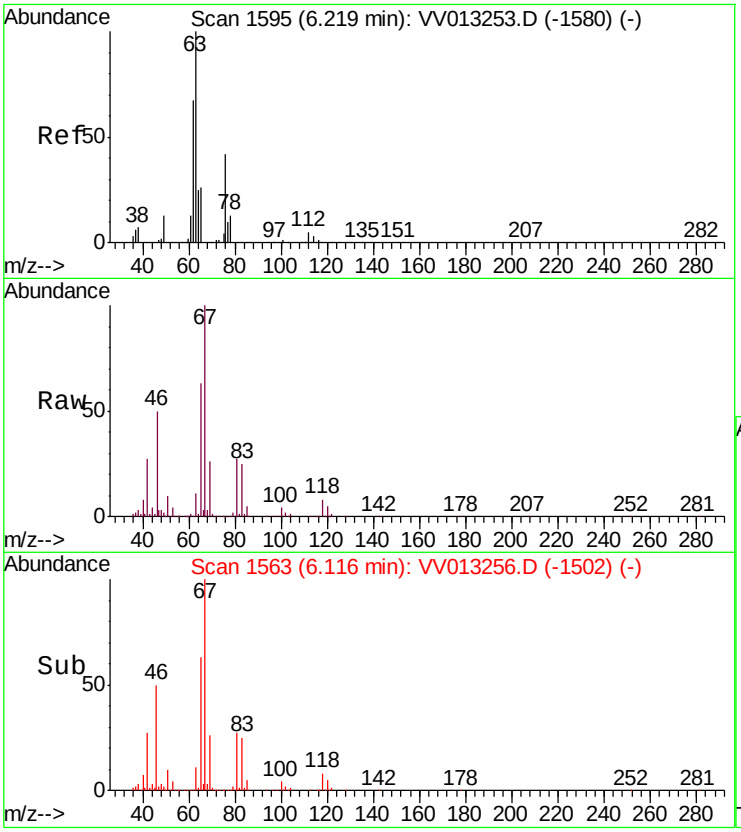


#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Tgt Ion: 83 Resp: 59600

Ion	Ratio	Lower	Upper
83	100		
55	0.9	62.4	93.6#
98	0.6	39.2	58.8#



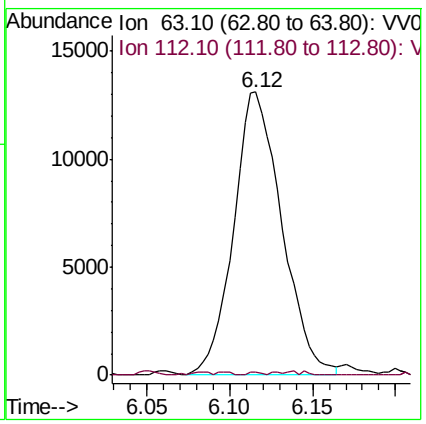


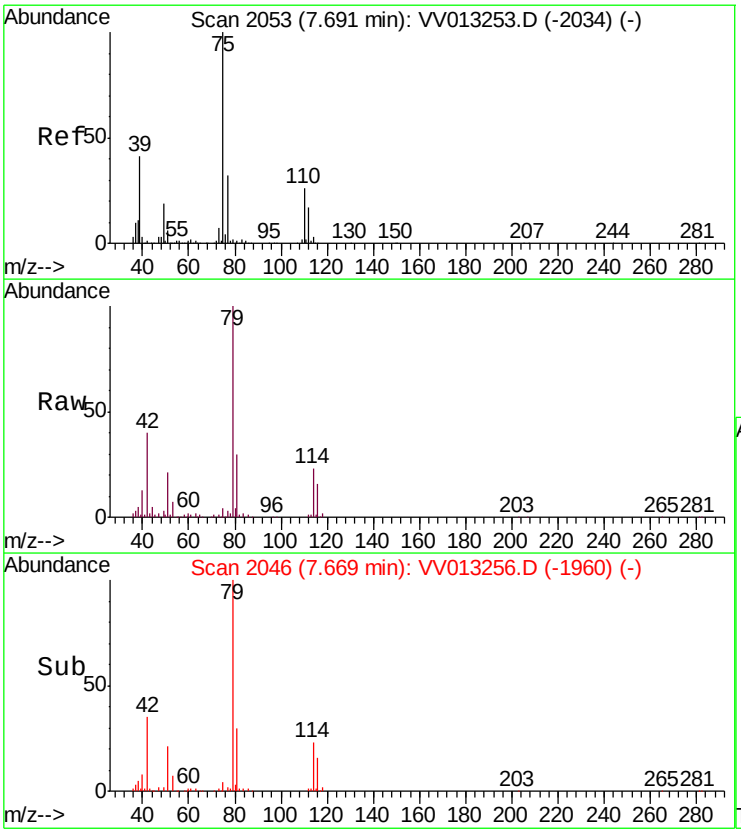
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Instrument : MSVOA_V
ClientSampleId : C0K20DL

Tgt Ion: 63 Resp: 26565

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.1	6.1#

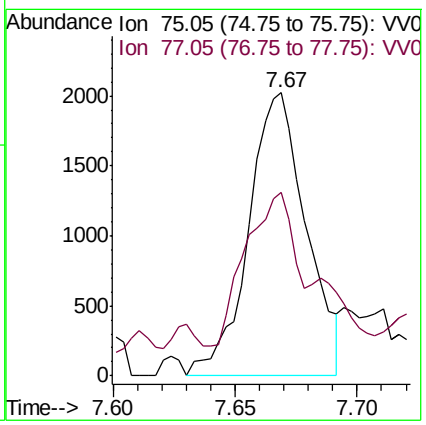


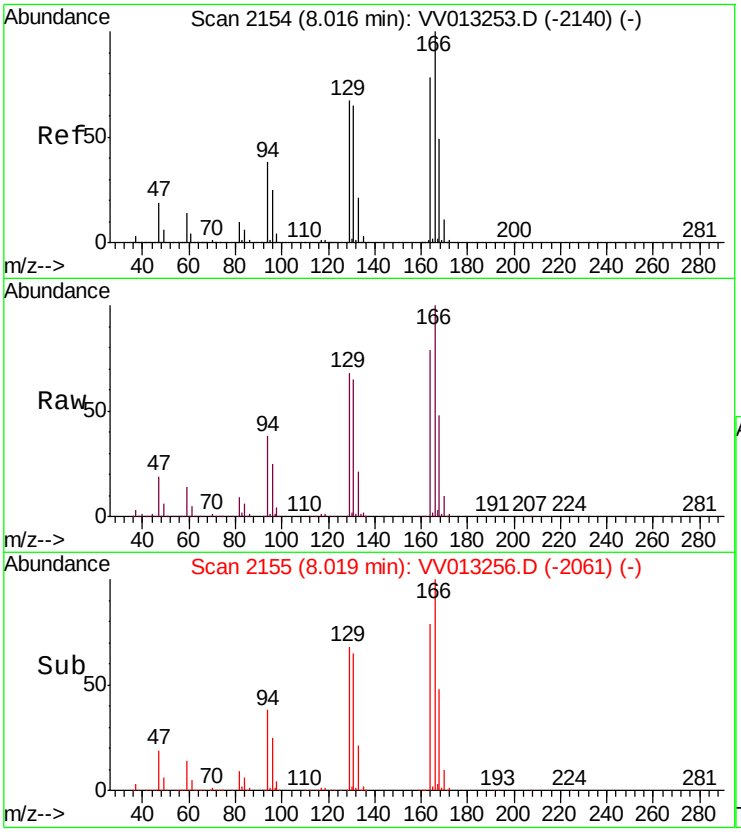


#44
trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Tgt Ion: 75 Resp: 3310

Ion	Ratio	Lower	Upper
75	100		
77	64.8	21.8	40.6#



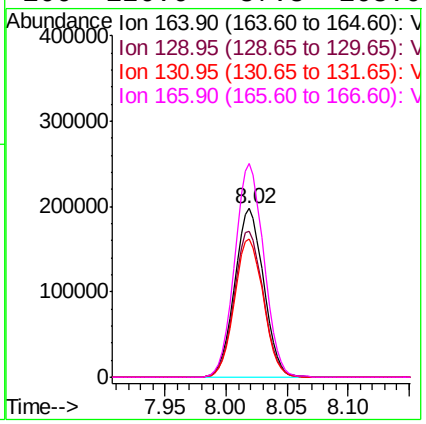


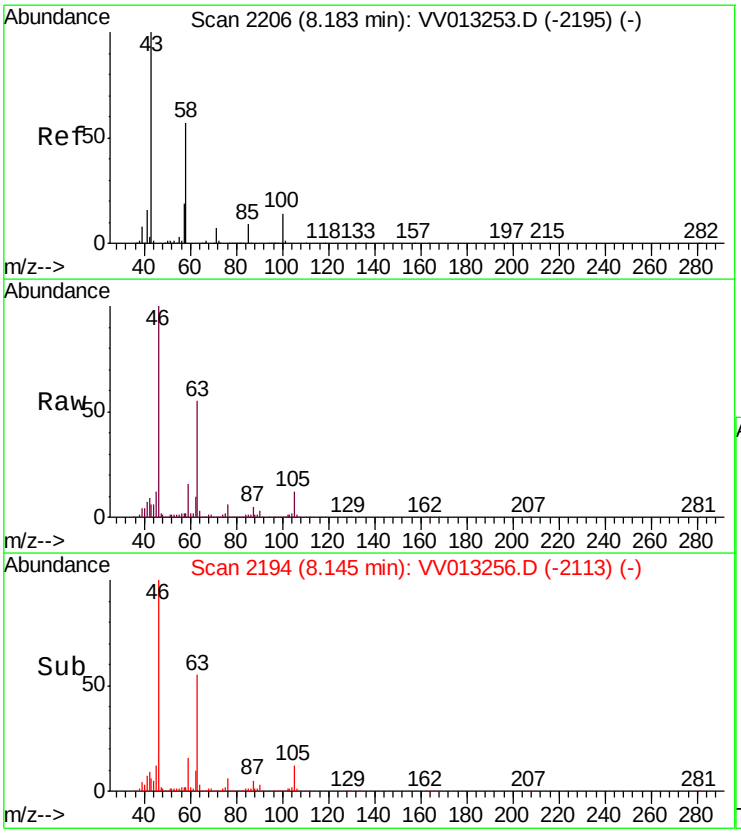
#47
Tetrachloroethene
Concen: 7.291 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Instrument :
MSVOA_V
ClientSampleId :
C0K20DL

Tgt Ion:164 Resp: 325156

Ion	Ratio	Lower	Upper
164	100		
129	86.7	61.0	113.2
131	81.9	57.5	106.9
166	126.6	87.8	163.0

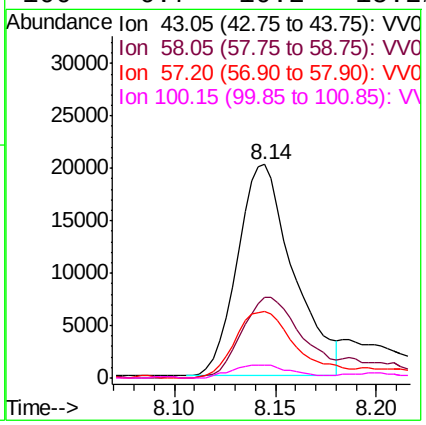


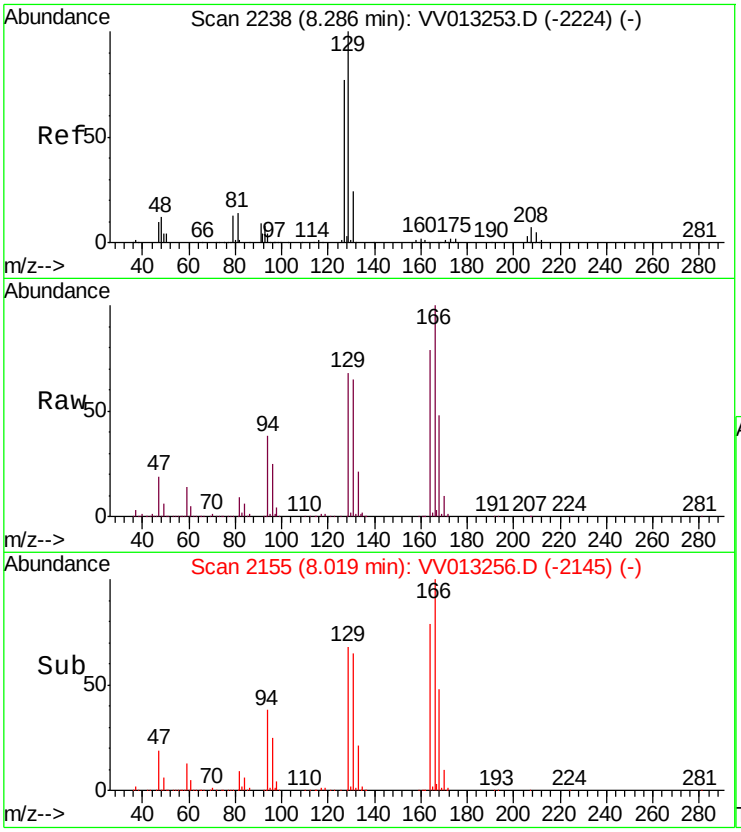


#48
2-Hexanone
Concen: 2.410 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.04 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Tgt Ion: 43 Resp: 39103

Ion	Ratio	Lower	Upper
43	100		
58	41.1	45.1	67.7#
57	35.2	15.5	23.3#
100	6.7	10.2	15.2#



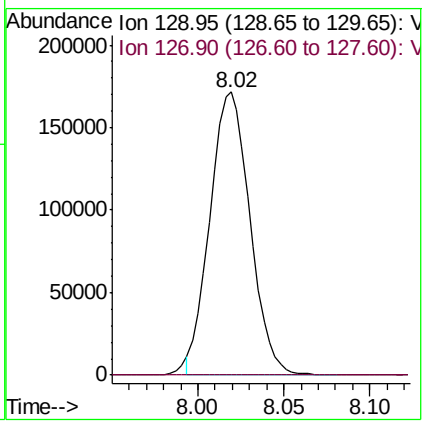


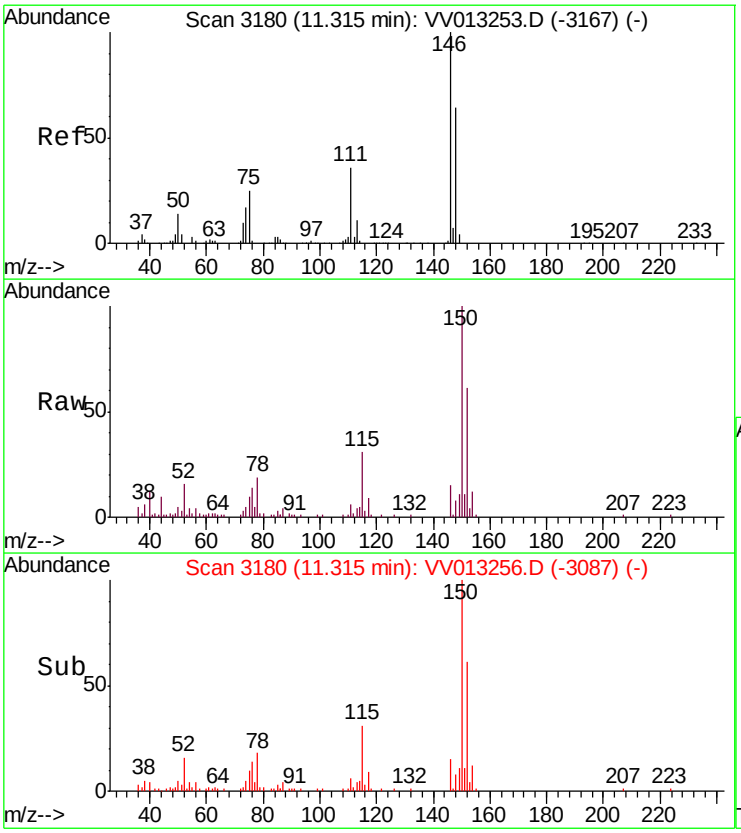
#49
Dibromochloromethane
Concen: 7.104 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Instrument : MSVOA_V
ClientSampleId : C0K20DL

Tgt Ion:129 Resp: 277674

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

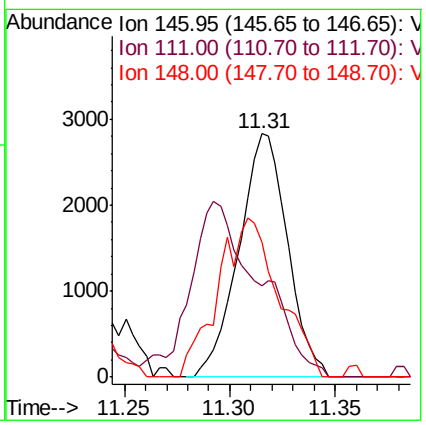


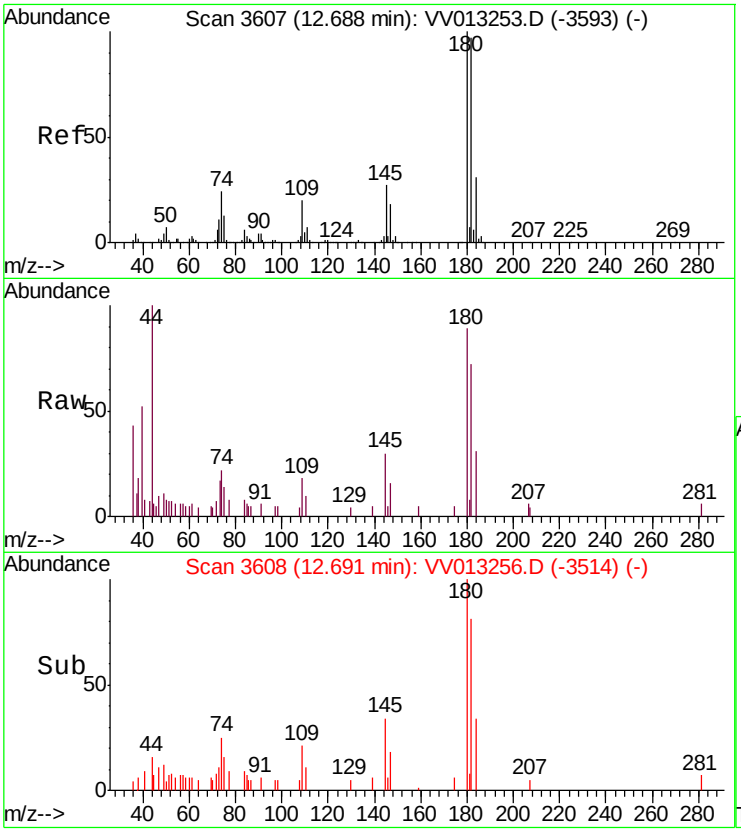


#63
1,4-Dichlorobenzene
Concen: 0.053 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. -0.00 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Tgt Ion:146 Resp: 4534

Ion	Ratio	Lower	Upper
146	100		
111	37.6	24.6	45.6
148	55.2	43.3	80.5





#67
1,3,5-Trichlorobenzene
Concen: 0.062 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV013256.D
Acq: 21 Oct 2019 20:58

Instrument :
MSVOA_V
ClientSampleId :
C0K20DL

Tgt Ion:180 Resp: 3816

Ion	Ratio	Lower	Upper
180	100		
182	83.3	76.2	114.2
184	33.0	24.0	36.0
145	23.7	21.8	32.8