Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011520\

Quantitation Report (Not Reviewed)

Data File : VV014310.D
Acq On : 15 Jan 2020 12:45
Operator : SY/MD
Sample : VV0115WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK497

Quant Time: Jan 16 03:05:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 16 03:02:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	910030	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	827811	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	376884	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	273799	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.58	69	217028	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.13	63	325513	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.20%			
20) 2-Butanone-d5	3.96	46	666400	48.09	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.18%			
24) Chloroform-d	4.40	84	532047	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.08	65	273049	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.10	84	1175183	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.11	67	363170	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.36	98	1054458	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	7.66	79	141600	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.13	63	588609	49.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.10%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	236928	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
66) 1,2-Dichlorobenzene-d4	11.67	152	331464	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4132	0.099	ug/L #	36
16) Methylene chloride	2.54	84	27543	0.347	ug/L	98
25) Chloroform	4.42	83	38049	0.341	ug/L	93
35) Methylcyclohexane	6.11	83	83343	0.725	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	39105	0.636	ug/L #	91
48) 2-Hexanone	8.13	43	73365	2.916	ug/L #	78
60) Isopropylbenzene	10.96	105	3593	0.013	ug/L #	75
61) 1,2,3-Trichloropropane	11.29	75	48285	1.426	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.59	105	2107	0.009	ug/L	94
63) 1,2,4-Trimethylbenzene	10.71	105	395	0.002	ug/L	87
69) 1,3,5-Trichlorobenzene	12.69	180	3580	0.042	ug/L #	93
71) Naphthalene	13.55	128	10346	0.077	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.79	180	3935	0.064	ug/L	86

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

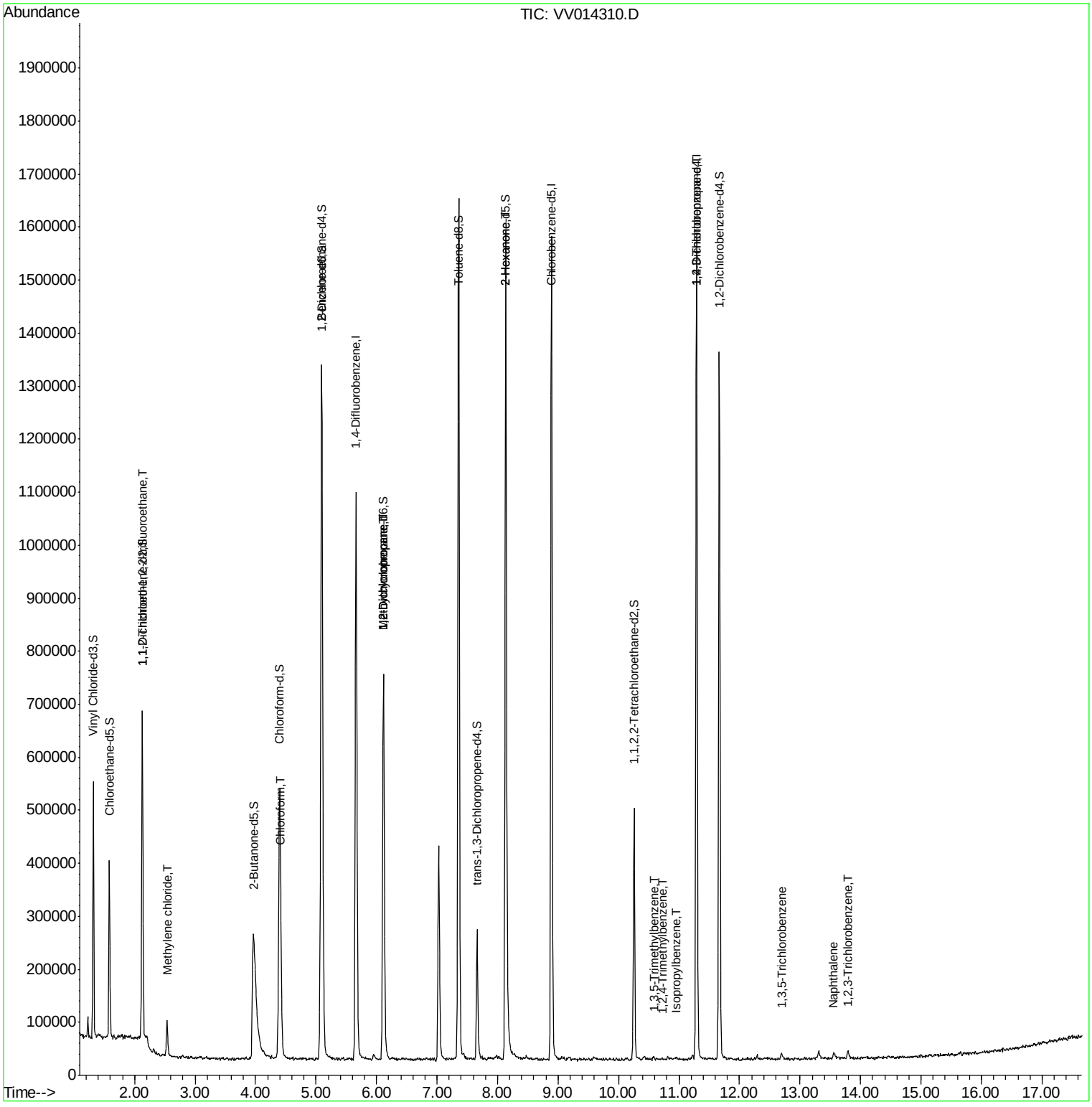
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011520\

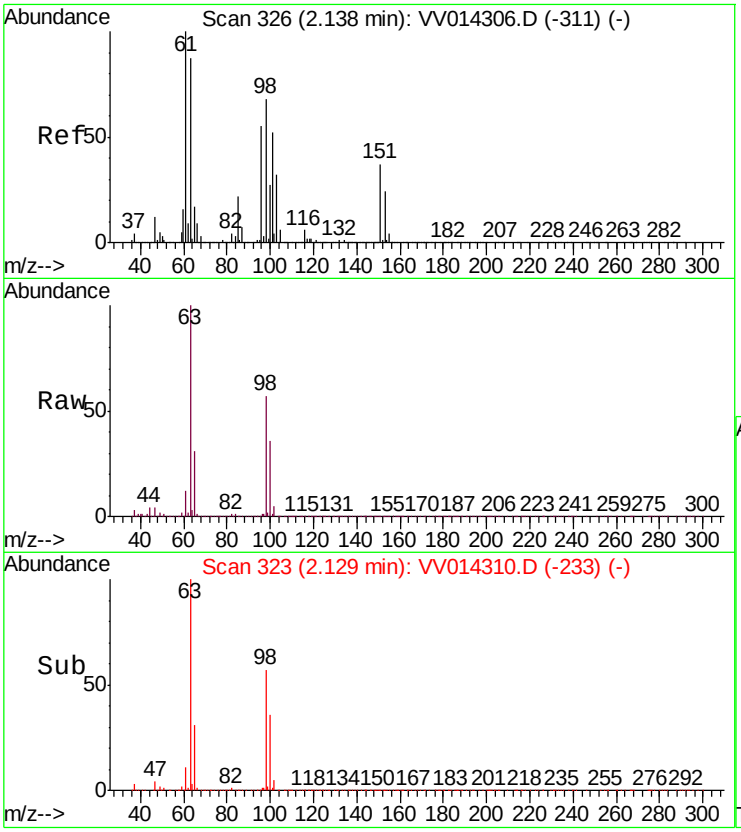
Quantitation Report (Not Reviewed)

Data File : VV014310.D
Acq On : 15 Jan 2020 12:45
Operator : SY/MD
Sample : VV0115WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK497

Quant Time: Jan 16 03:05:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 16 03:02:06 2020
Response via : Initial Calibration



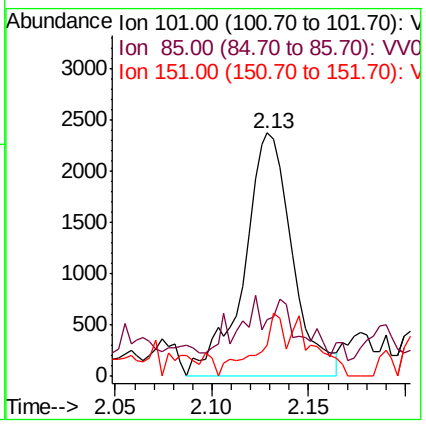


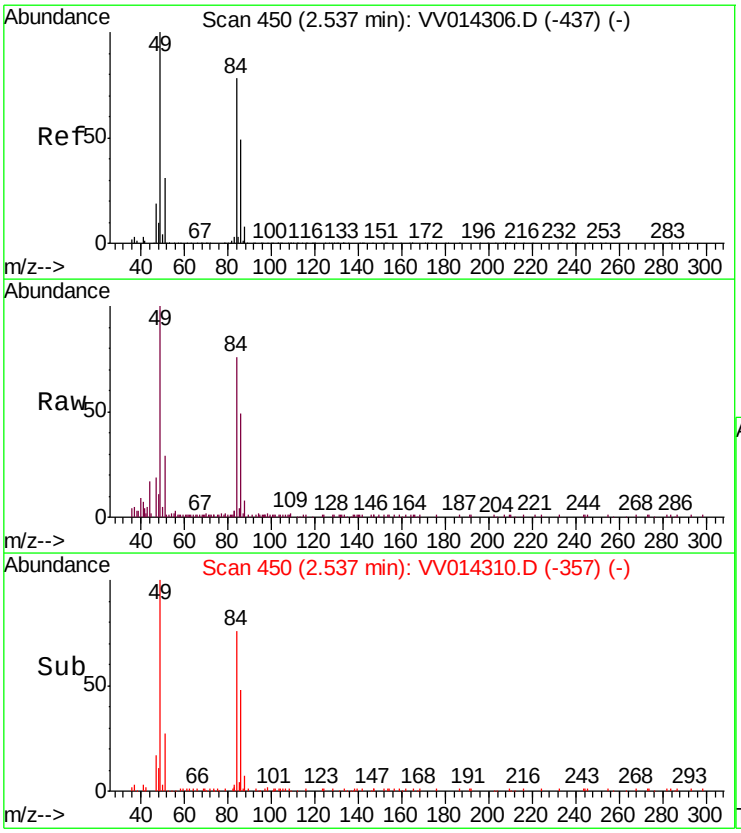
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.099 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Instrument : MSVOA_V
ClientSampleId : VBLK497

Tgt Ion:101 Resp: 4132

Ion	Ratio	Lower	Upper
101	100		
85	8.7	34.2	51.2#
151	14.1	58.7	88.1#

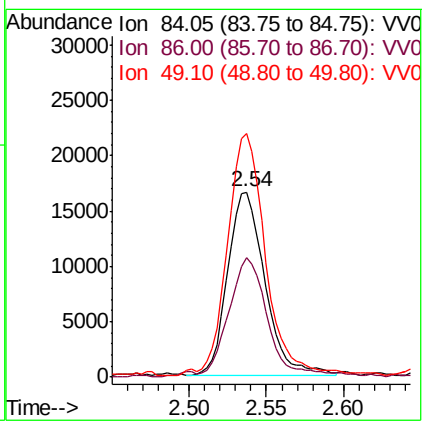


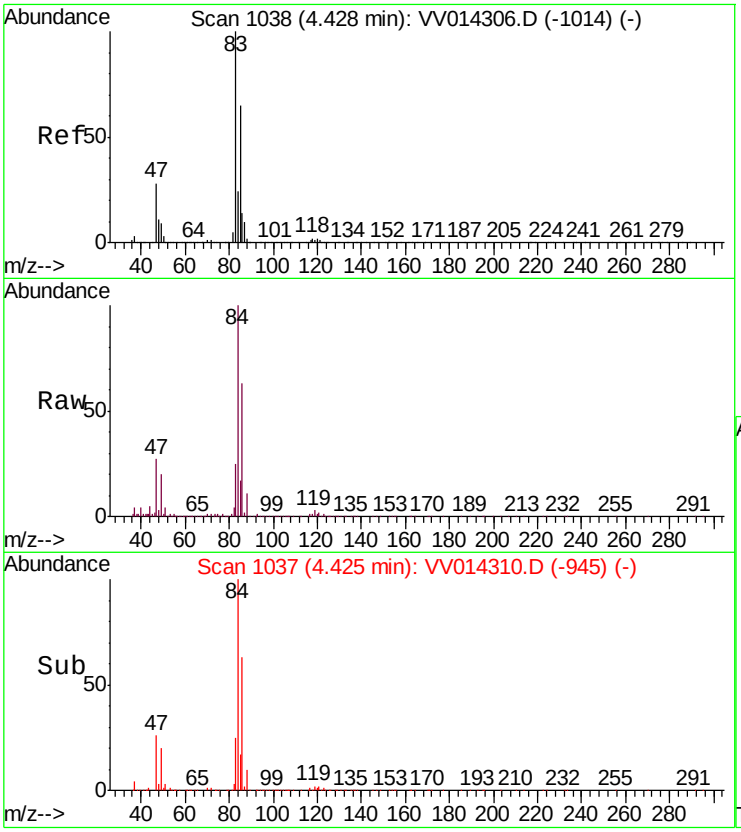


#16
Methylene chloride
Concen: 0.347 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Tgt Ion: 84 Resp: 27543

Ion	Ratio	Lower	Upper
84	100		
86	64.2	44.4	82.4
49	131.4	90.2	167.6



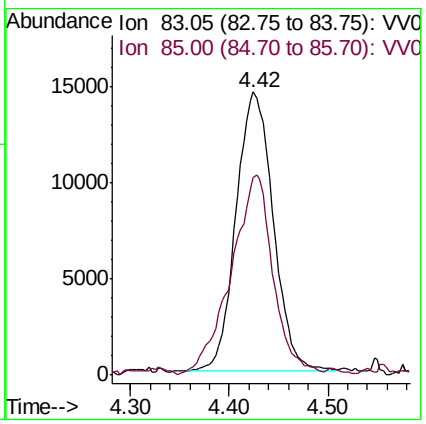


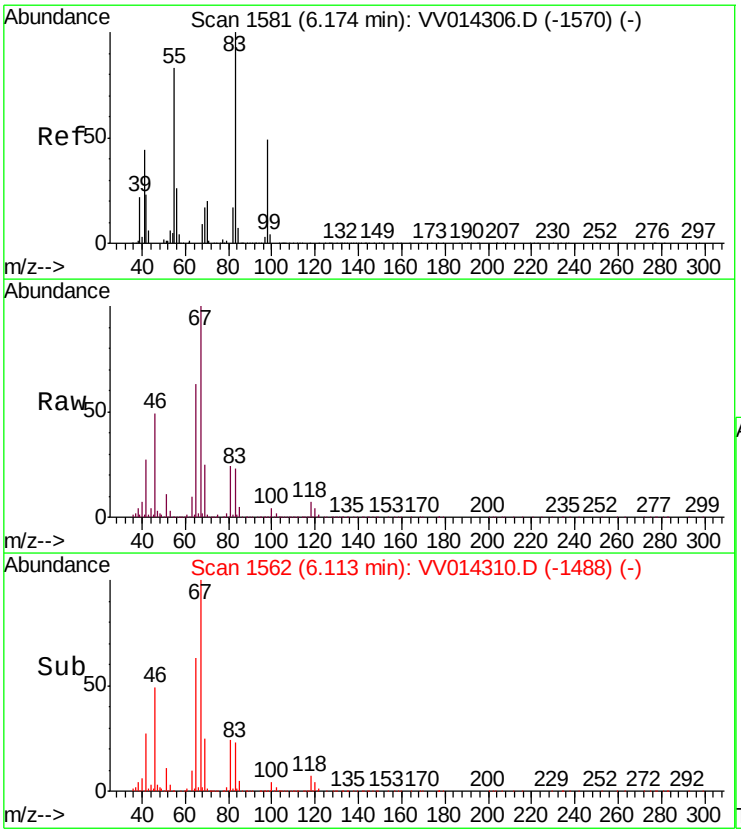
#25
Chloroform
Concen: 0.341 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK497

Tgt Ion: 83 Resp: 38049

Ion	Ratio	Lower	Upper
83	100		
85	69.9	45.2	84.0

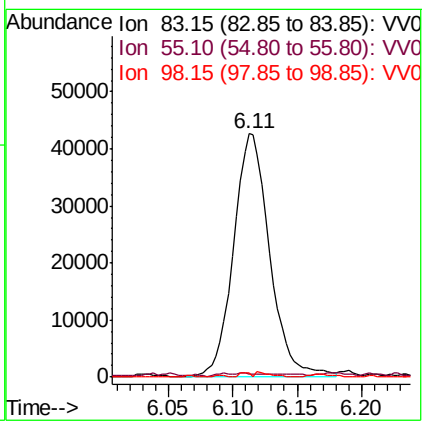


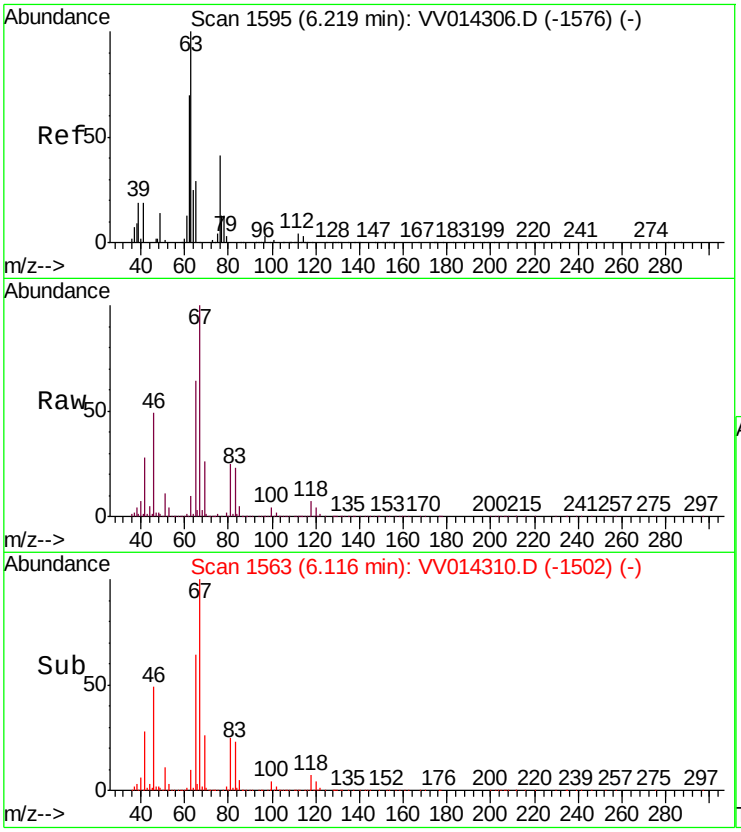


#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Tgt Ion: 83 Resp: 83343

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.5	98.3#
98	0.9	38.3	57.5#



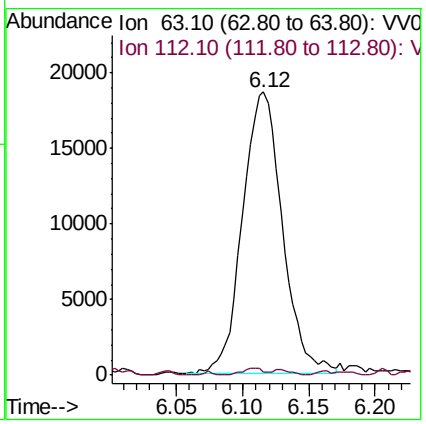


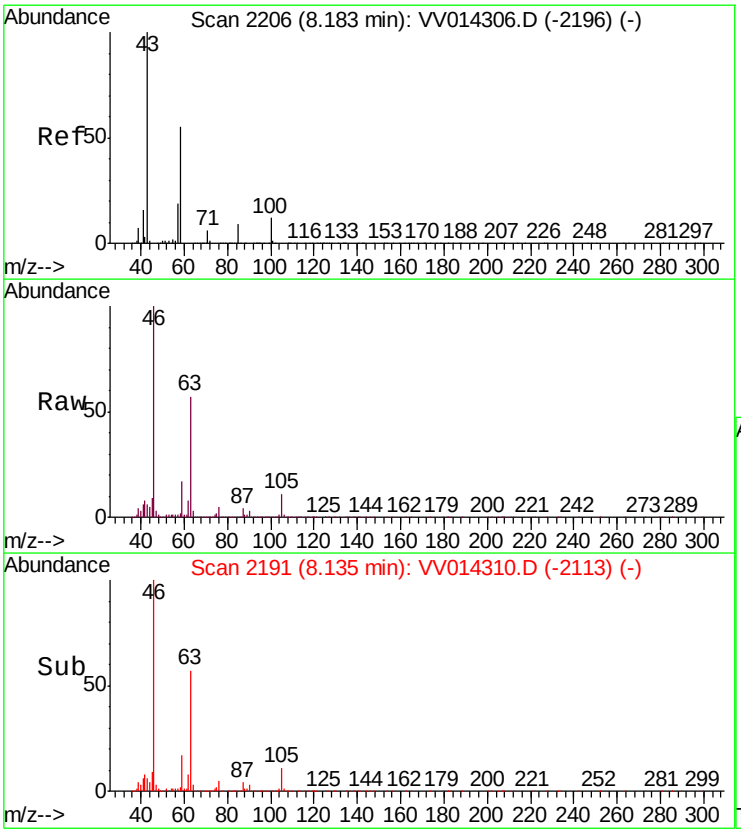
#37
1,2-Dichloropropane
Concen: 0.636 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Instrument : MSVOA_V
ClientSampleId : VBLK497

Tgt Ion: 63 Resp: 39105

Ion	Ratio	Lower	Upper
63	100		
112	1.3	3.3	4.9#

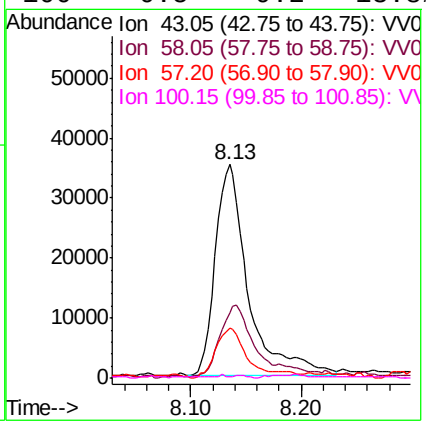


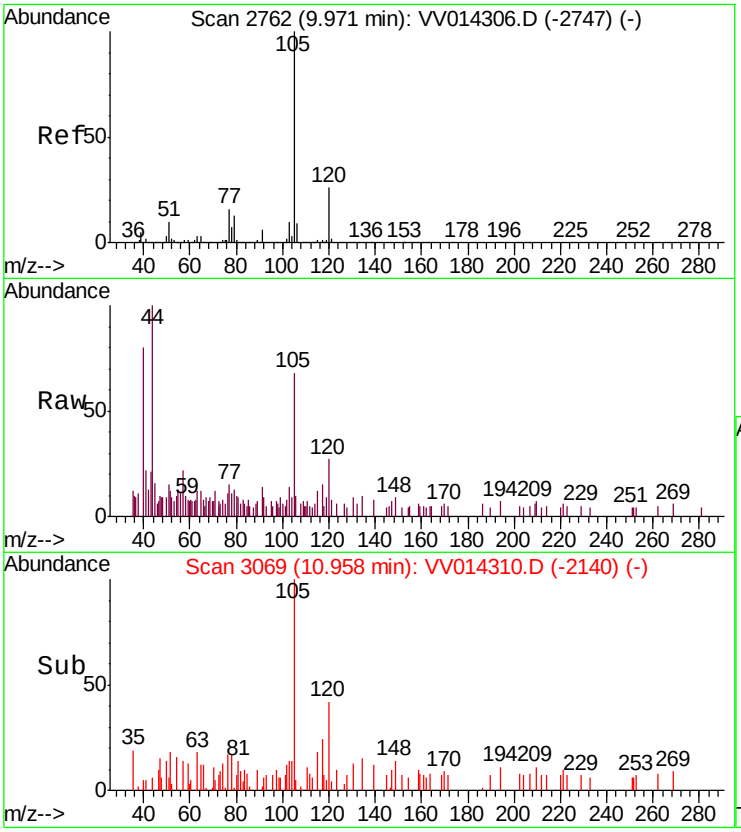


#48
2-Hexanone
Concen: 2.916 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Tgt Ion: 43 Resp: 73365

Ion	Ratio	Lower	Upper
43	100		
58	36.9	43.9	65.9#
57	23.2	14.9	22.3#
100	0.5	9.2	13.8#



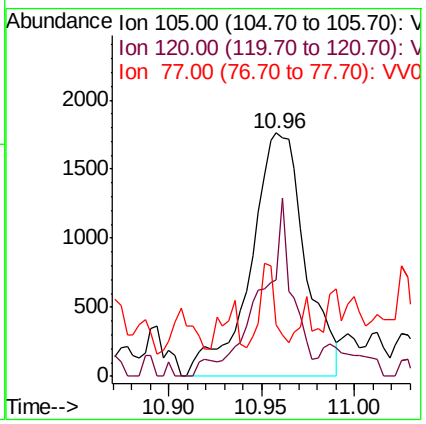


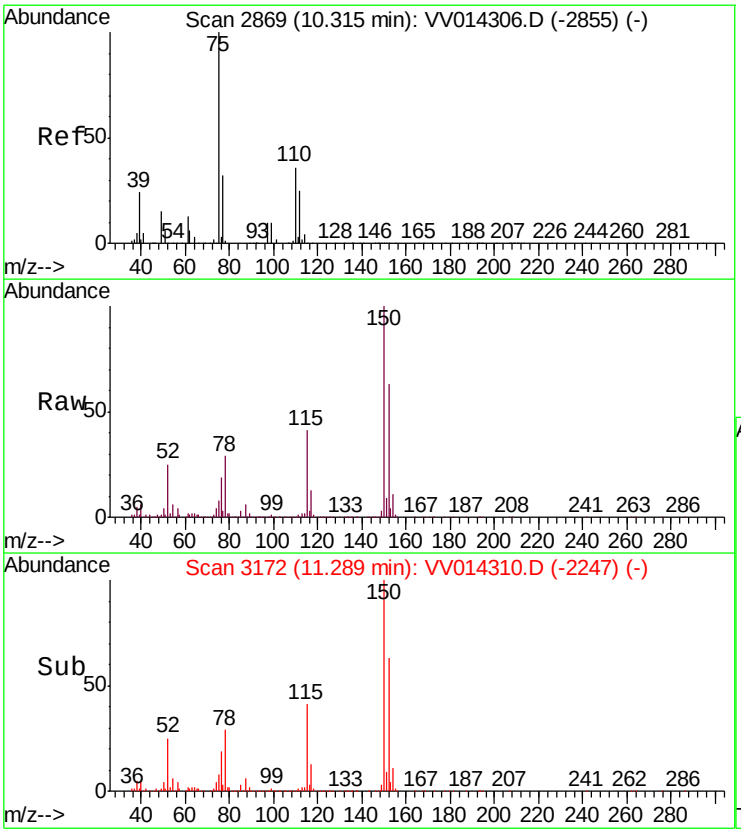
#60
Isopropylbenzene
Concen: 0.013 ug/L
RT: 10.96 min Scan# 3069
Delta R.T. 0.99 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Instrument : MSVOA_V
ClientSampleId : VBLK497

Tgt Ion:105 Resp: 3593

Ion	Ratio	Lower	Upper
105	100		
120	34.2	20.6	30.8#
77	0.0	12.7	19.1#

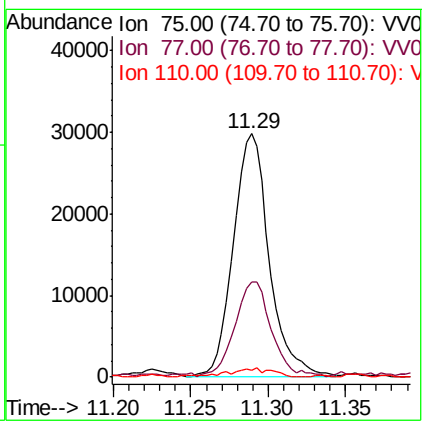


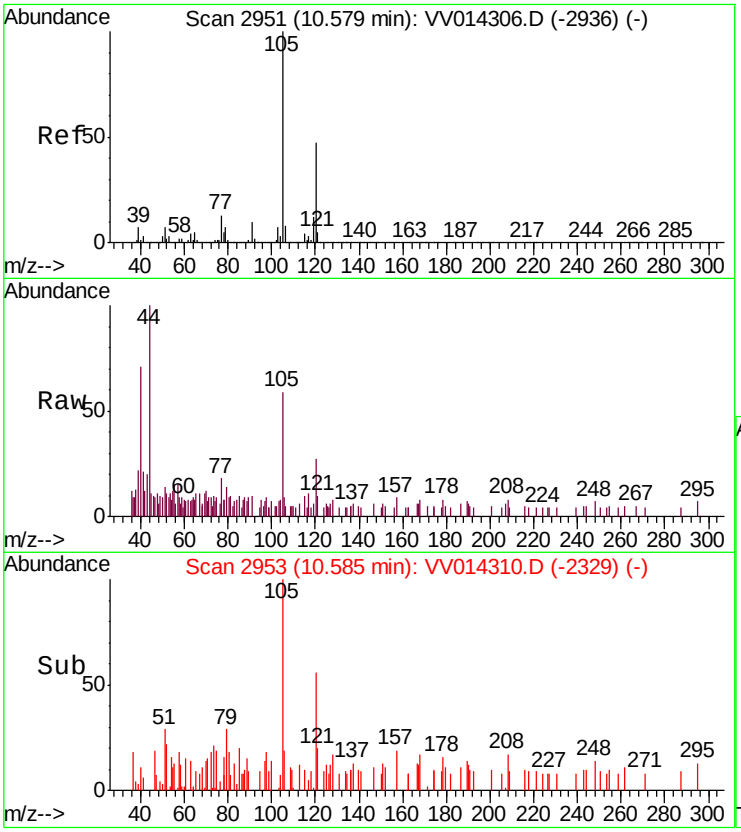


#61
1,2,3-Trichloropropane
Concen: 1.426 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.97 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Tgt Ion: 75 Resp: 48285

Ion	Ratio	Lower	Upper
75	100		
77	39.9	25.0	37.4#
110	3.2	29.8	44.6#



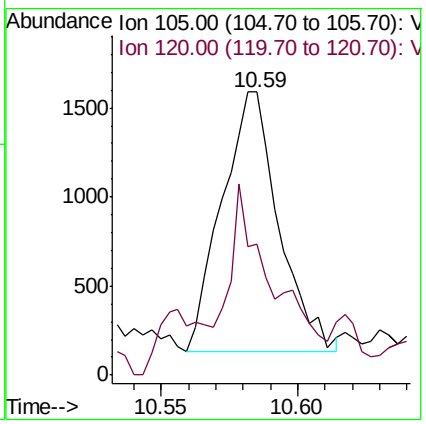


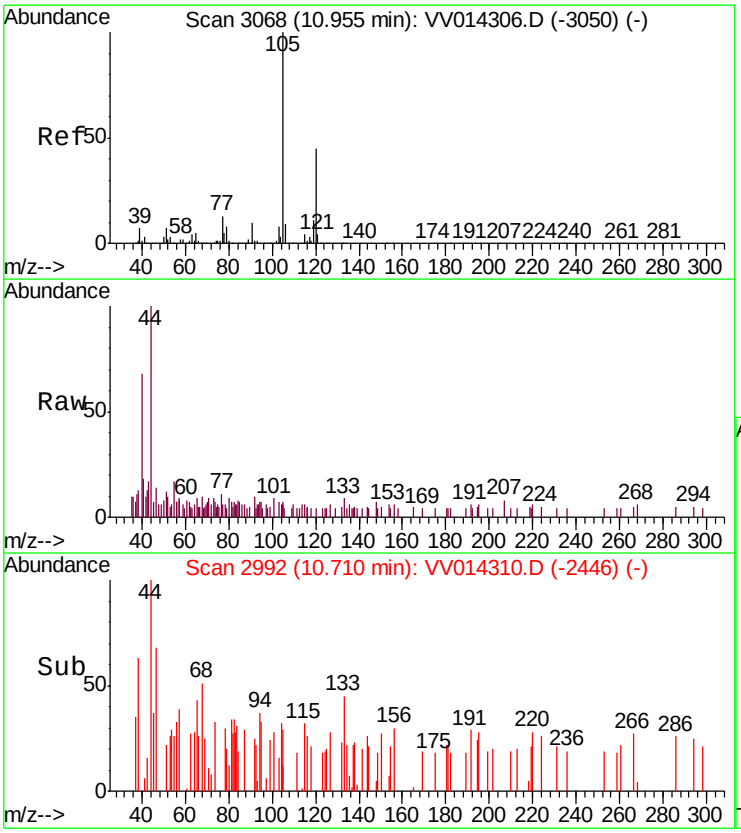
#62
1,3,5-Trimethylbenzene
Concen: 0.009 ug/L
RT: 10.59 min Scan# 2953
Delta R.T. 0.01 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK497

Tgt Ion:105 Resp: 2107

Ion	Ratio	Lower	Upper
105	100		
120	43.5	37.9	56.9

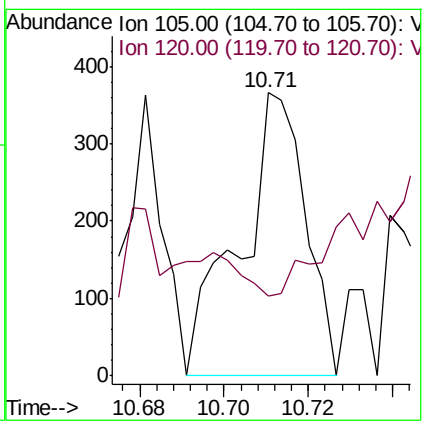


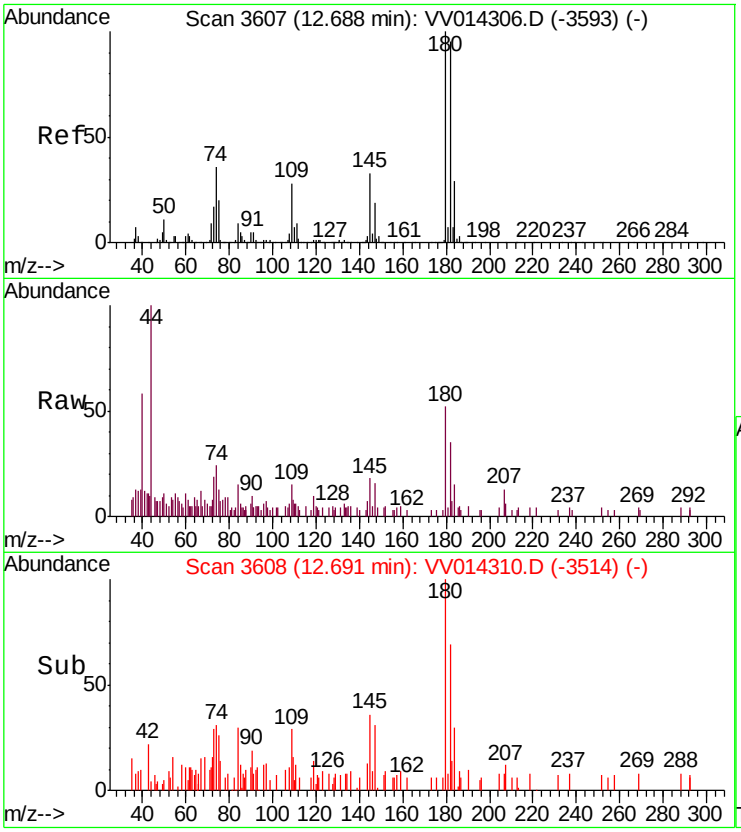


#63
1,2,4-Trimethylbenzene
Concen: 0.002 ug/L
RT: 10.71 min Scan# 2992
Delta R.T. -0.24 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Tgt Ion:105 Resp: 395

Ion	Ratio	Lower	Upper
105	100		
120	35.4	35.3	52.9



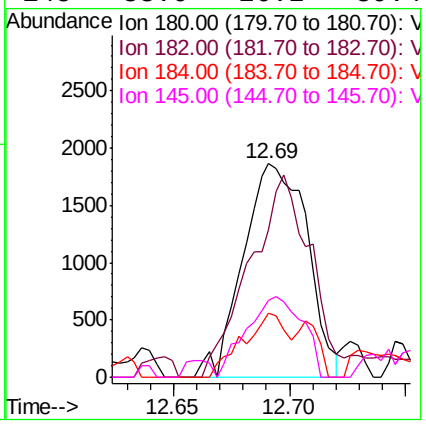


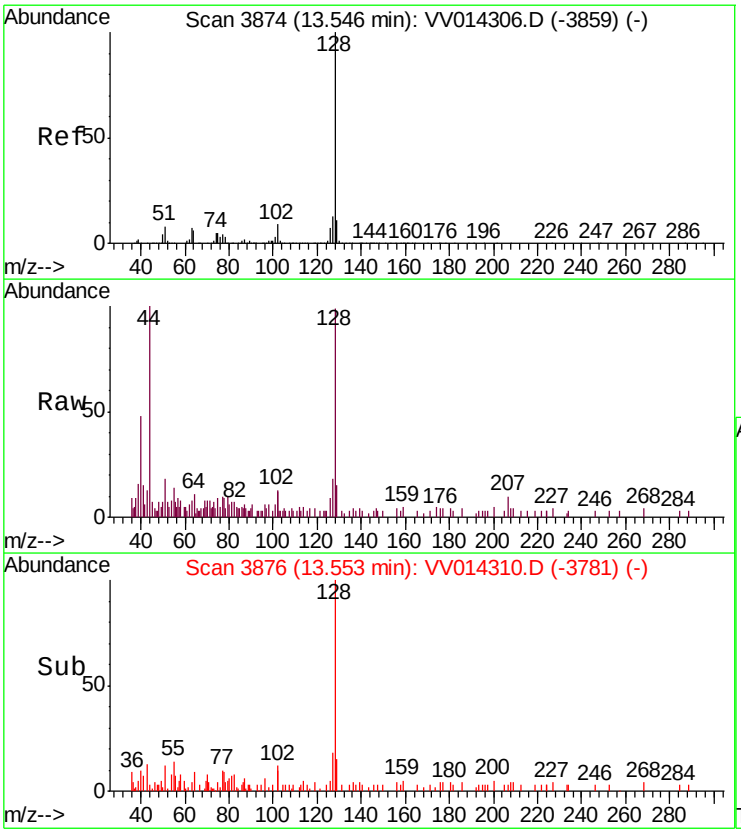
#69
1,3,5-Trichlorobenzene
Concen: 0.042 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK497

Tgt Ion:180 Resp: 3580

Ion	Ratio	Lower	Upper
180	100		
182	89.0	76.6	114.8
184	20.6	23.3	34.9#
145	33.0	26.2	39.4

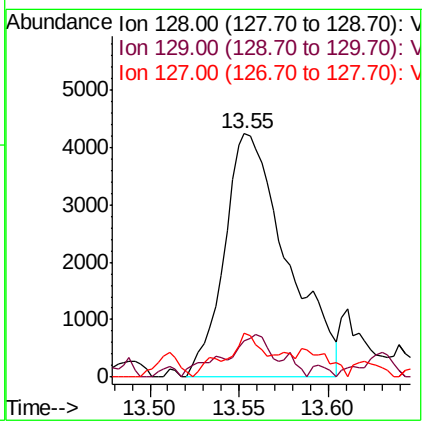


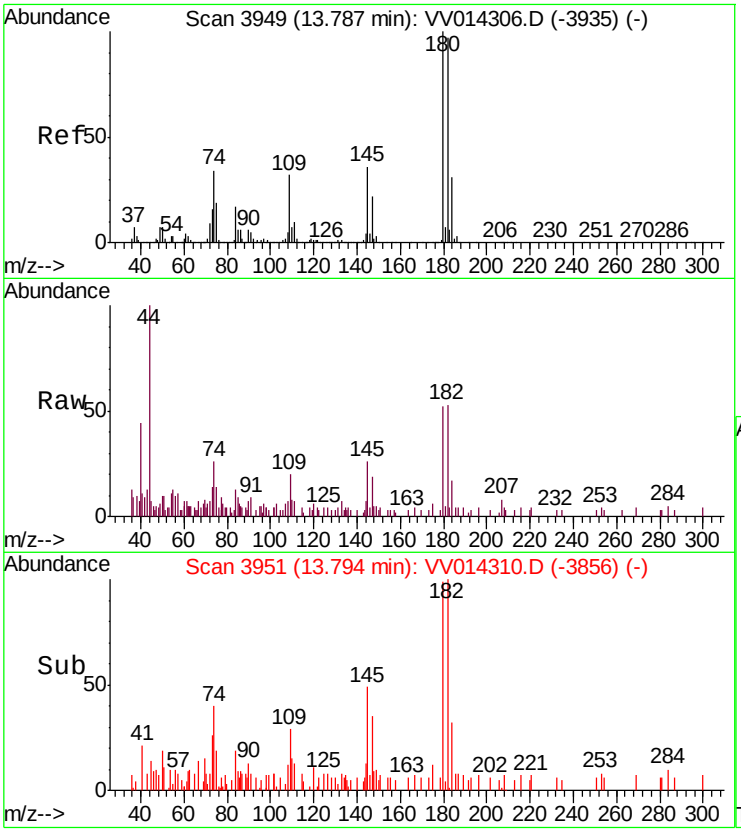


#71
Naphthalene
Concen: 0.077 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.01 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Tgt Ion:128 Resp: 10346

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.8	13.2
127	8.4	10.0	15.0#





#72
1,2,3-Trichlorobenzene
Concen: 0.064 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.01 min
Lab File: VV014310.D
Acq: 15 Jan 2020 12:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK497

Tgt Ion:180 Resp: 3935

Ion	Ratio	Lower	Upper
180	100		
182	111.4	76.7	115.1
145	41.7	28.8	43.2