Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112919\

Quantitation Report (Not Reviewed)

Data File : VV013856.D
Acq On : 29 Nov 2019 18:06
Operator : SY/MD
Sample : K6028-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA0

Quant Time: Nov 29 22:38:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	681397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	638072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	307647	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	194618	48.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.56%			
7) Chloroethane-d5	1.58	69	182425	56.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.32%			
11) 1,1-Dichloroethene-d2	2.13	63	279283	40.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.04%			
21) 2-Butanone-d5	3.92	46	317281	107.54	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.54%			
24) Chloroform-d	4.40	84	415882	48.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.02%			
26) 1,2-Dichloroethane-d4	5.08	65	268789	47.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.10%			
32) Benzene-d6	5.10	84	847707	49.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.62%			
36) 1,2-Dichloropropane-d6	6.11	67	261164	47.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.62%			
41) Toluene-d8	7.36	98	776056	49.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.12%			
43) trans-1,3-Dichloropropene-	7.66	79	116810	46.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.10%			
47) 2-Hexanone-d5	8.13	63	225505	112.60	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.60%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	362450	52.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.52%			
64) 1,2-Dichlorobenzene-d4	11.67	152	328480	53.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.12%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3220	0.856	ug/L #	30
13) Acetone	2.19	43	3649	1.325	ug/L	100
14) Carbon disulfide	2.32	76	8040	0.640	ug/L #	94
35) Methylcyclohexane	6.12	83	65322	8.802	ug/L #	18
48) 2-Hexanone	8.18	43	11498	2.368	ug/L #	92
59) 1,2,3-Trichloropropane	11.29	75	30556	5.442	ug/L	91
62) 1,3-Dichlorobenzene	11.22	146	5697	0.611	ug/L	95
63) 1,4-Dichlorobenzene	11.31	146	6828	0.707	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.47	75	1134	0.880	ug/L #	90
67) 1,3,5-Trichlorobenzene	12.69	180	7075	0.971	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	8688	1.361	ug/L #	95
69) Naphthalene	13.55	128	41144	2.413	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	10403	1.535	ug/L	99

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

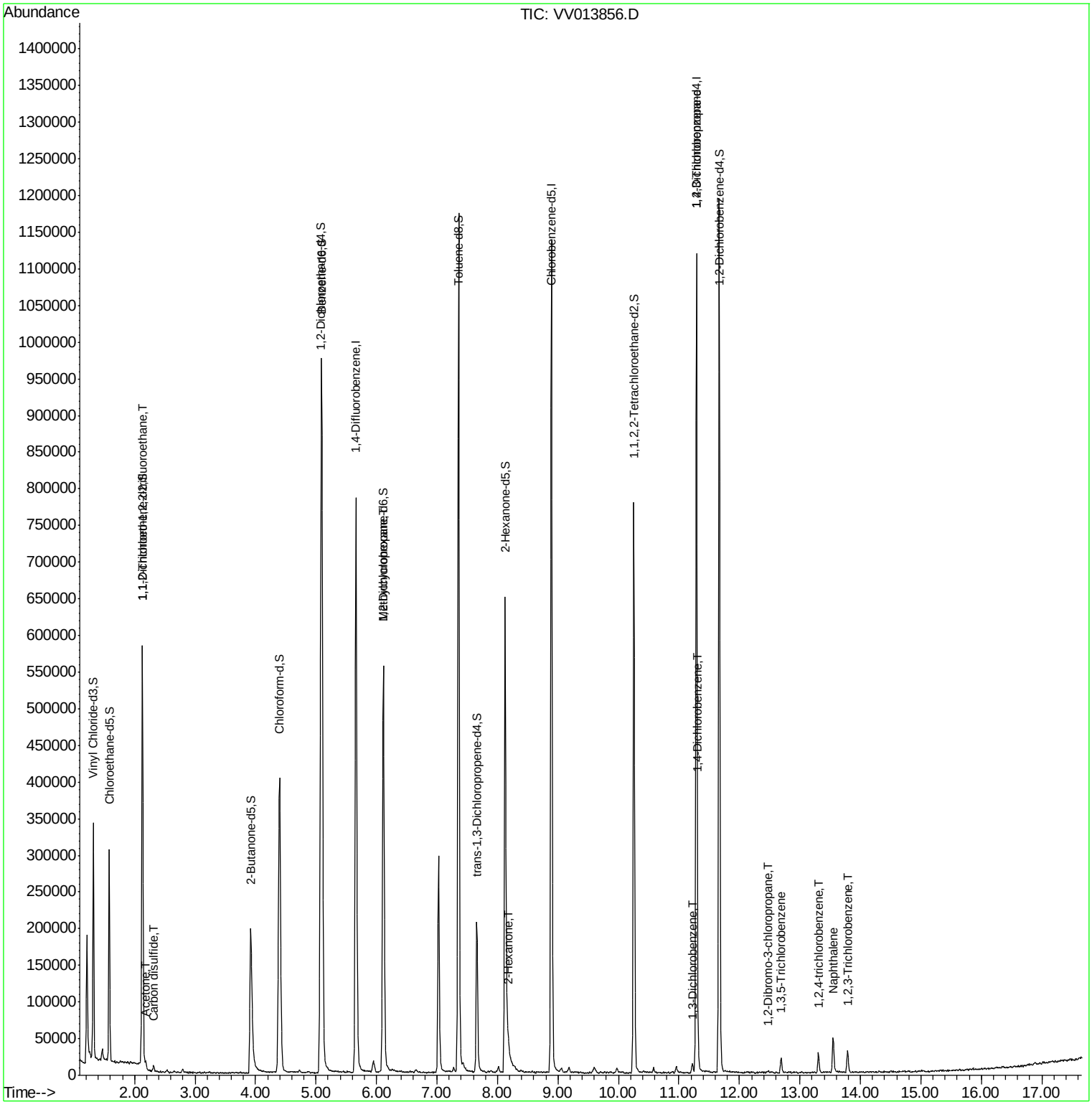
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112919\

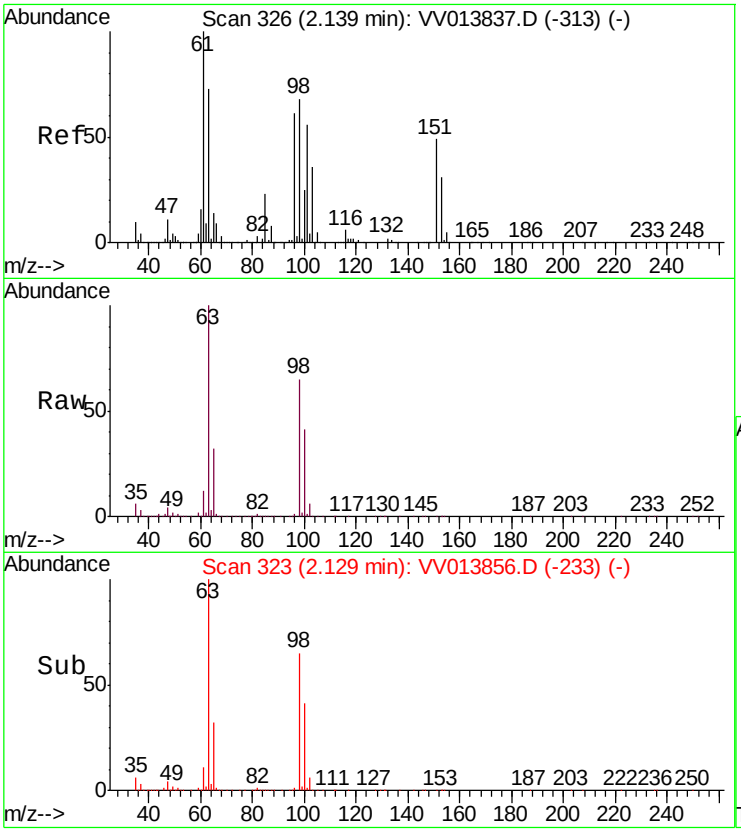
Quantitation Report (Not Reviewed)

Data File : VV013856.D
Acq On : 29 Nov 2019 18:06
Operator : SY/MD
Sample : K6028-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA0

Quant Time: Nov 29 22:38:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration



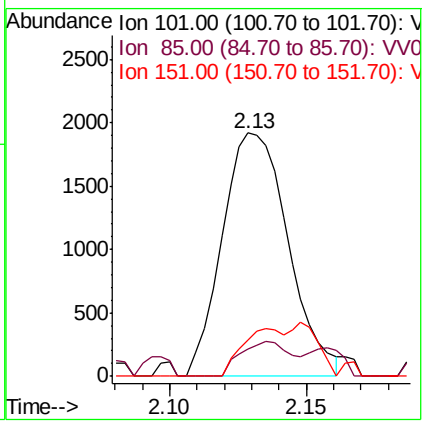


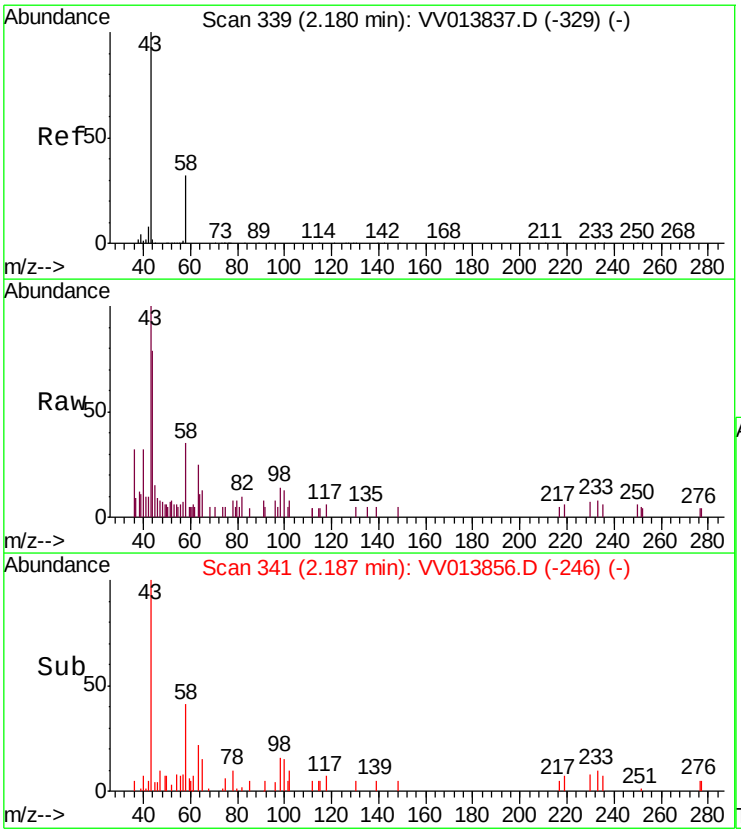
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.856 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Instrument : MSVOA_V
ClientSampleId : H0AA0

Tgt Ion:101 Resp: 3220

Ion	Ratio	Lower	Upper
101	100		
85	11.0	33.3	49.9#
151	12.5	69.5	104.3#

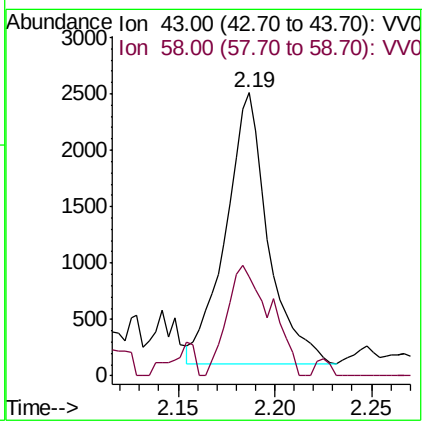


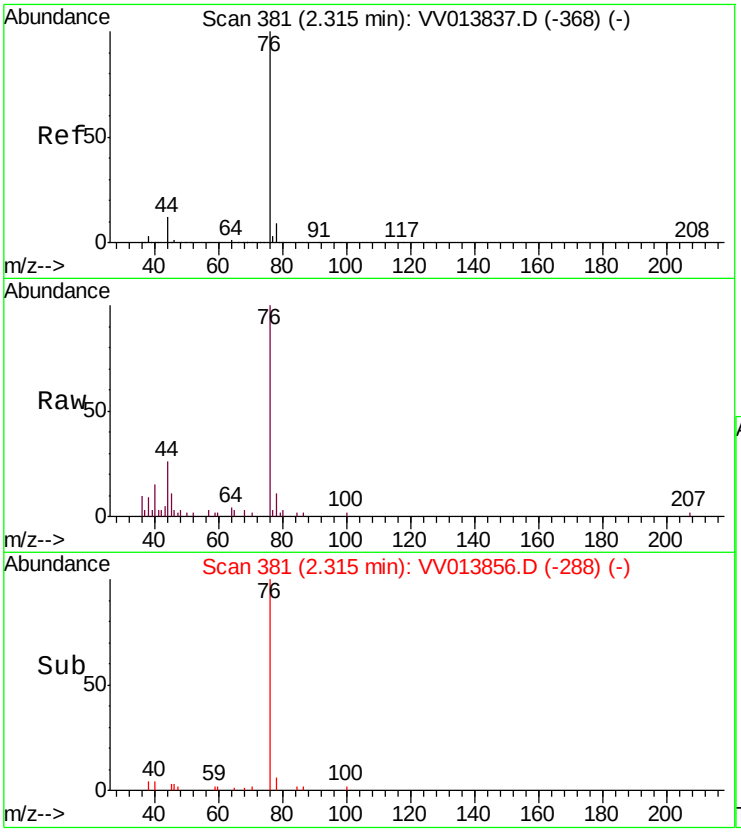


#13
Acetone
Concen: 1.325 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.01 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Tgt Ion: 43 Resp: 3649

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	65.2



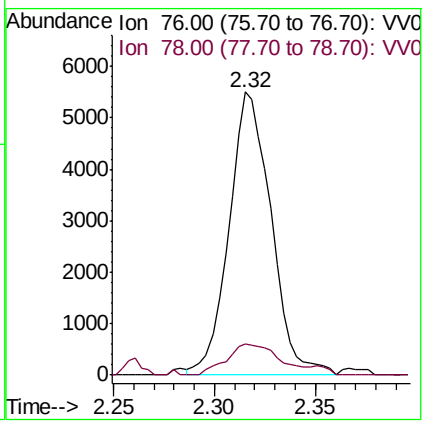


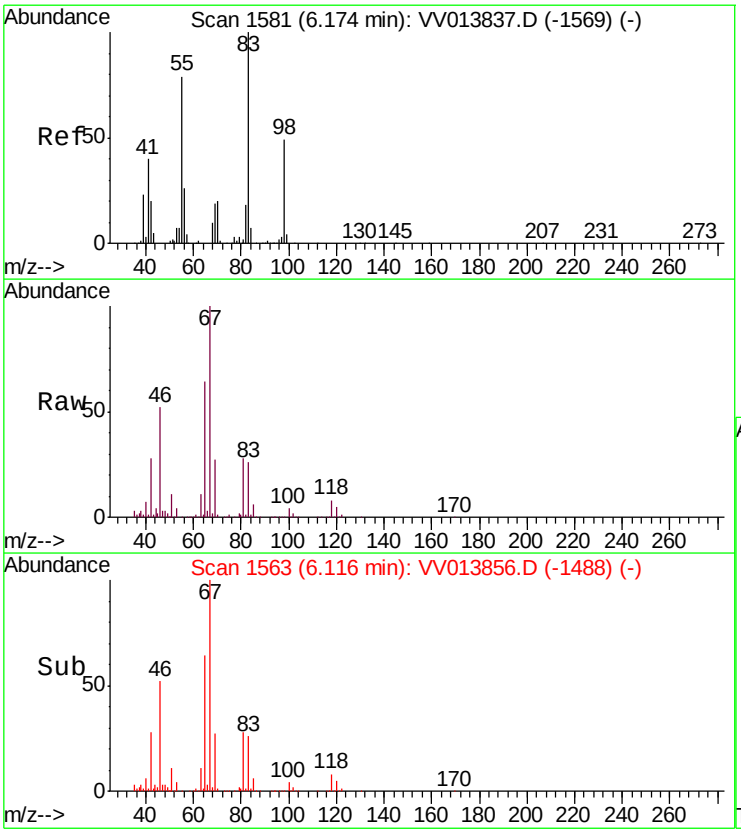
#14
Carbon disulfide
Concen: 0.640 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Instrument : MSVOA_V
ClientSampleId : H0AA0

Tgt Ion: 76 Resp: 8040

Ion	Ratio	Lower	Upper
76	100		
78	11.2	7.3	10.9#

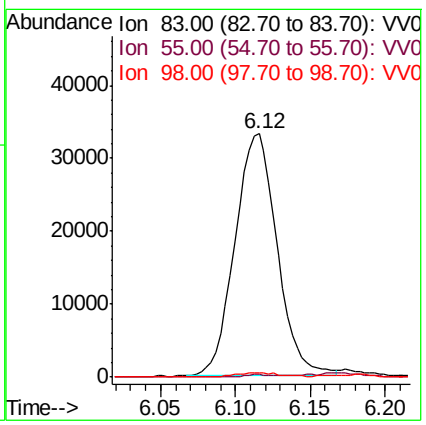


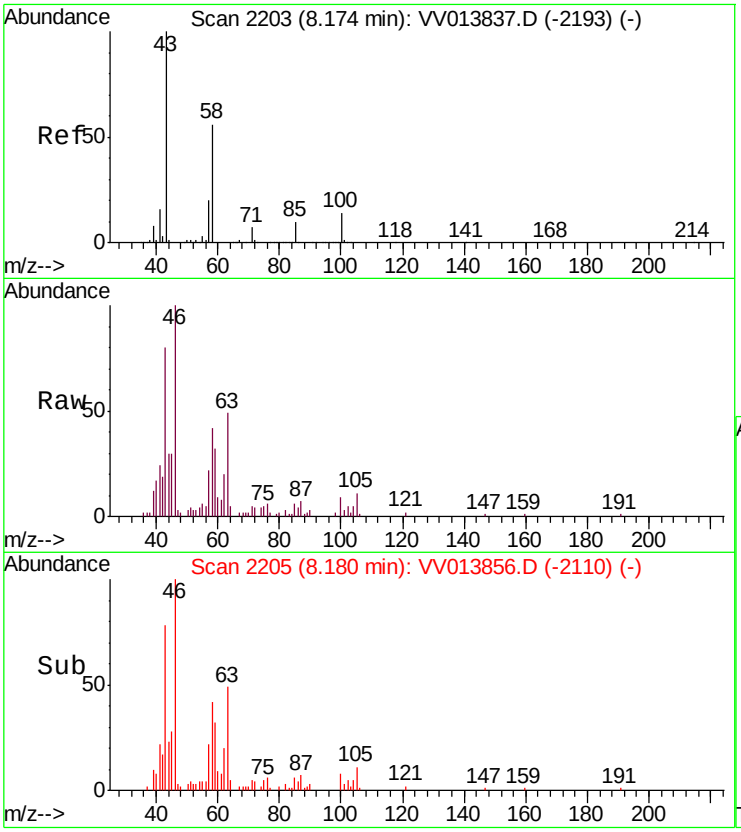


#35
Methylcyclohexane
Concen: 8.802 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Tgt Ion: 83 Resp: 65322

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.0#
98	1.3	38.6	58.0#



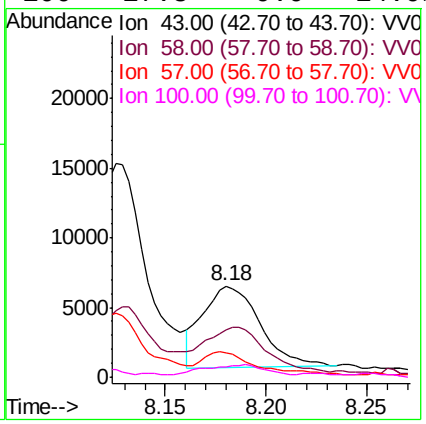


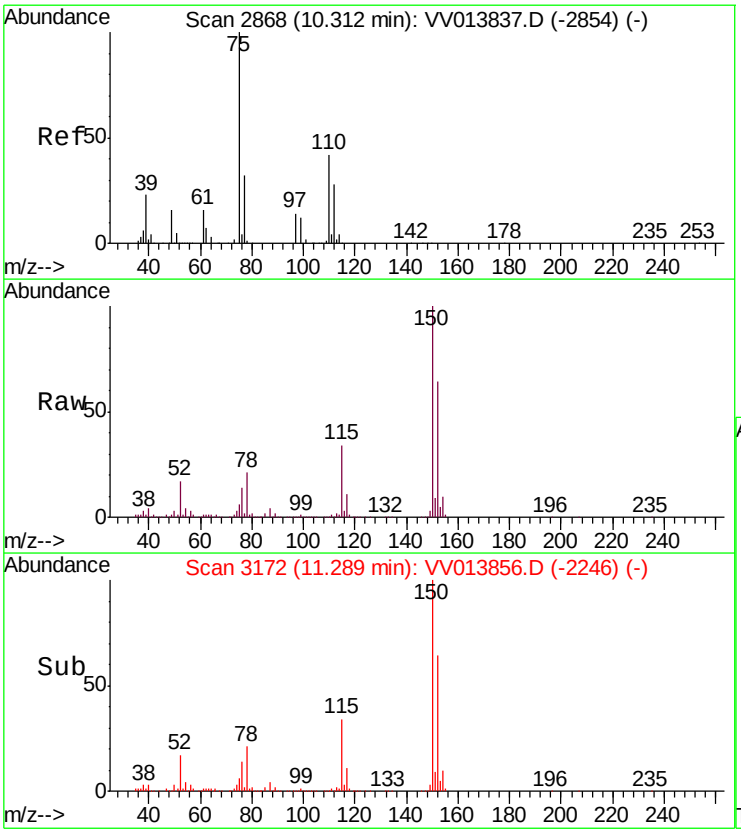
#48
2-Hexanone
Concen: 2.368 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Instrument : MSVOA_V
ClientSampleId : H0AA0

Tgt Ion: 43 Resp: 11498

Ion	Ratio	Lower	Upper
43	100		
58	61.1	43.4	65.0
57	19.3	15.2	22.8
100	17.8	9.9	14.9#

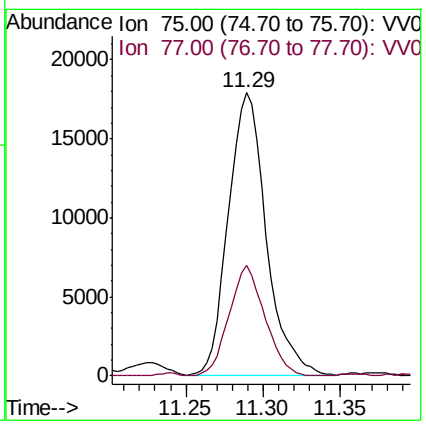


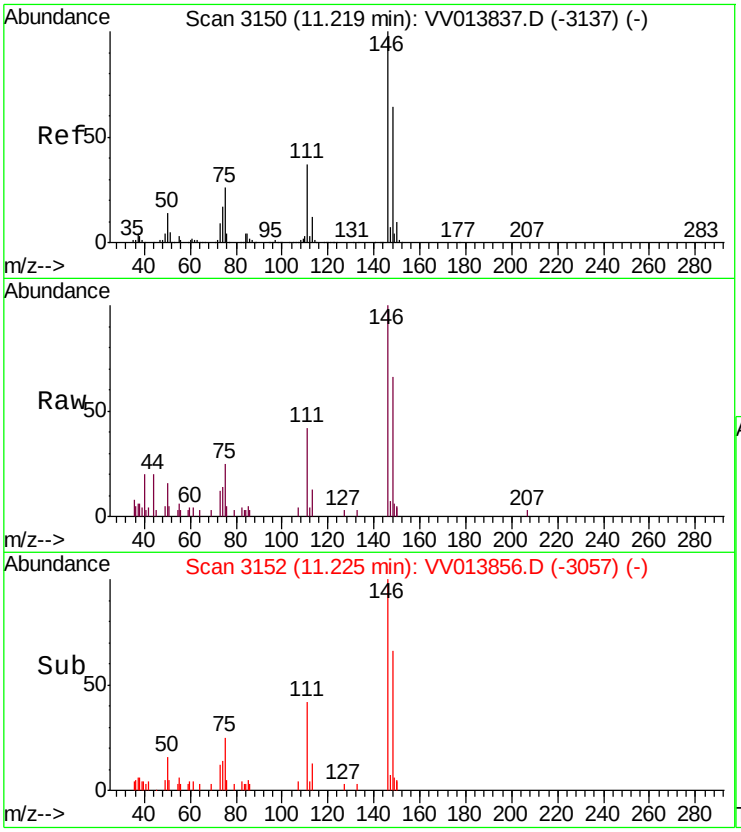


#59
1,2,3-Trichloropropane
Concen: 5.442 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Tgt Ion: 75 Resp: 30556

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.4	38.2



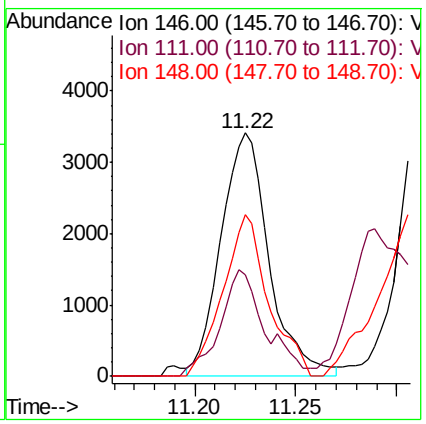


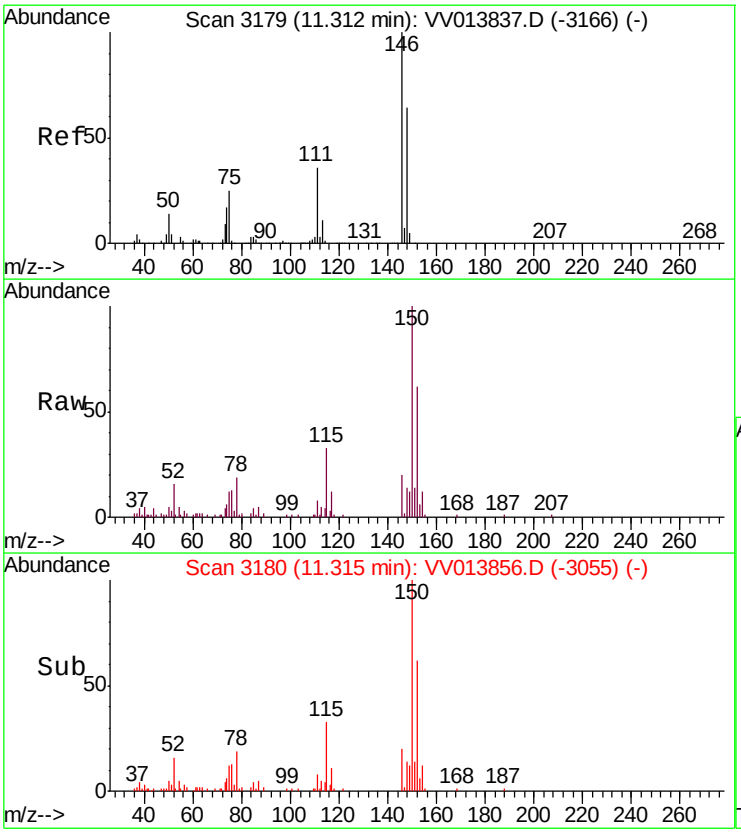
#62
1,3-Dichlorobenzene
Concen: 0.611 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. 0.01 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Instrument : MSVOA_V
ClientSampleId : H0AA0

Tgt Ion:146 Resp: 5697

Ion	Ratio	Lower	Upper
146	100		
111	41.7	26.4	49.0
148	66.3	44.4	82.4

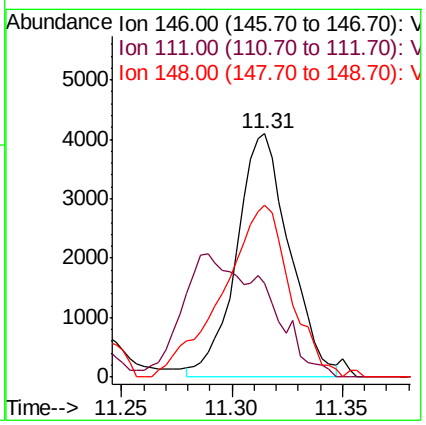


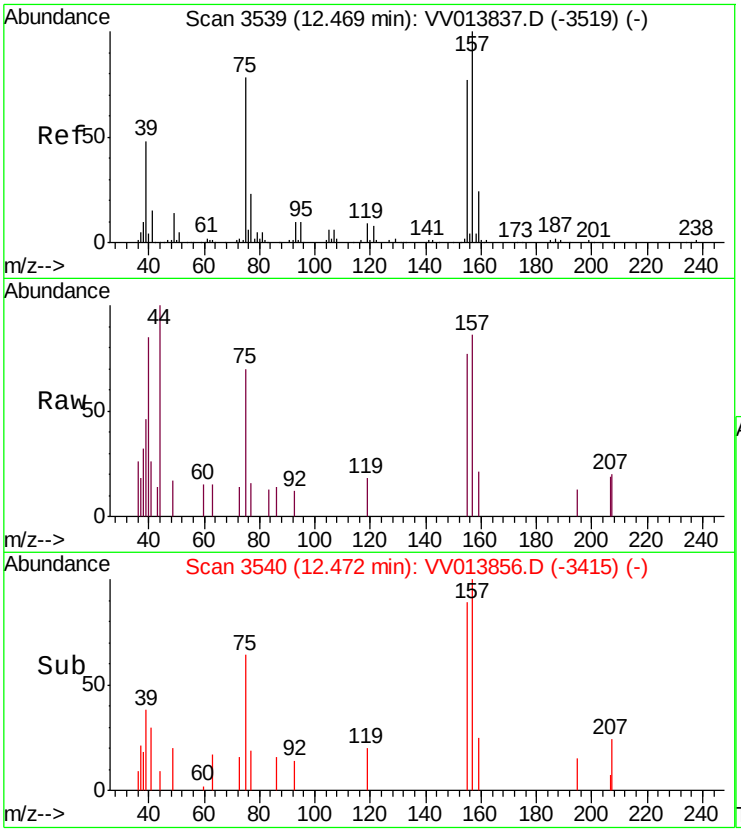


#63
1,4-Dichlorobenzene
Concen: 0.707 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Tgt Ion:146 Resp: 6828

Ion	Ratio	Lower	Upper
146	100		
111	38.7	25.5	47.3
148	70.6	44.9	83.5



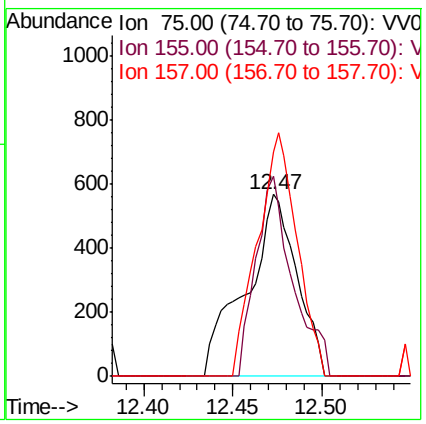


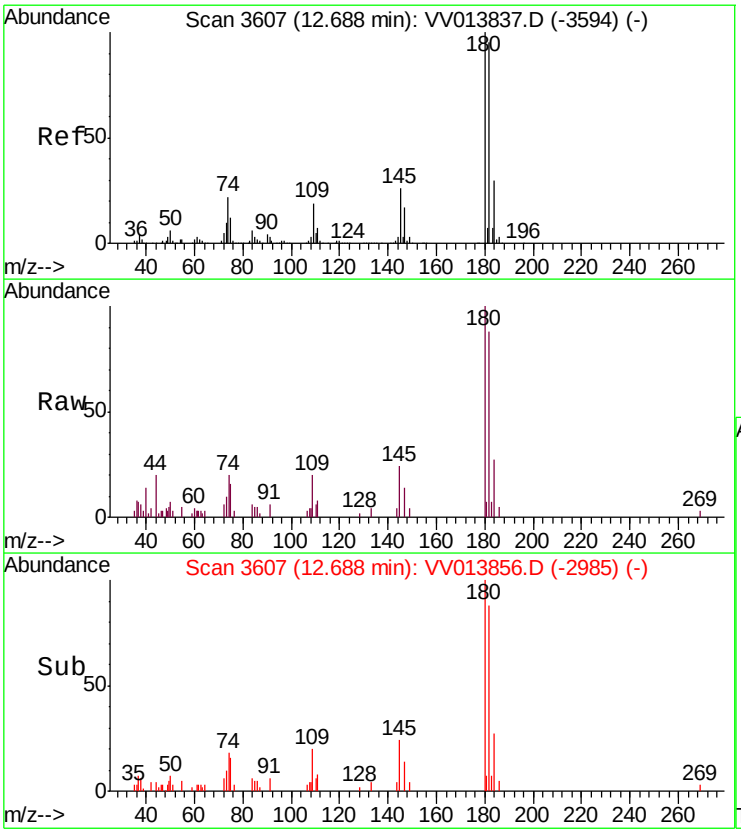
#66
1,2-Dibromo-3-chloropropane
Concen: 0.880 ug/L
RT: 12.47 min Scan# 3540
Delta R.T. 0.00 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Instrument : MSVOA_V
ClientSampleId : H0AA0

Tgt Ion: 75 Resp: 1134

Ion	Ratio	Lower	Upper
75	100		
155	110.0	71.9	107.9#
157	123.1	96.6	145.0

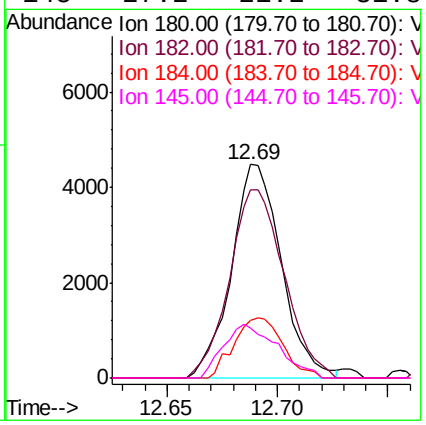


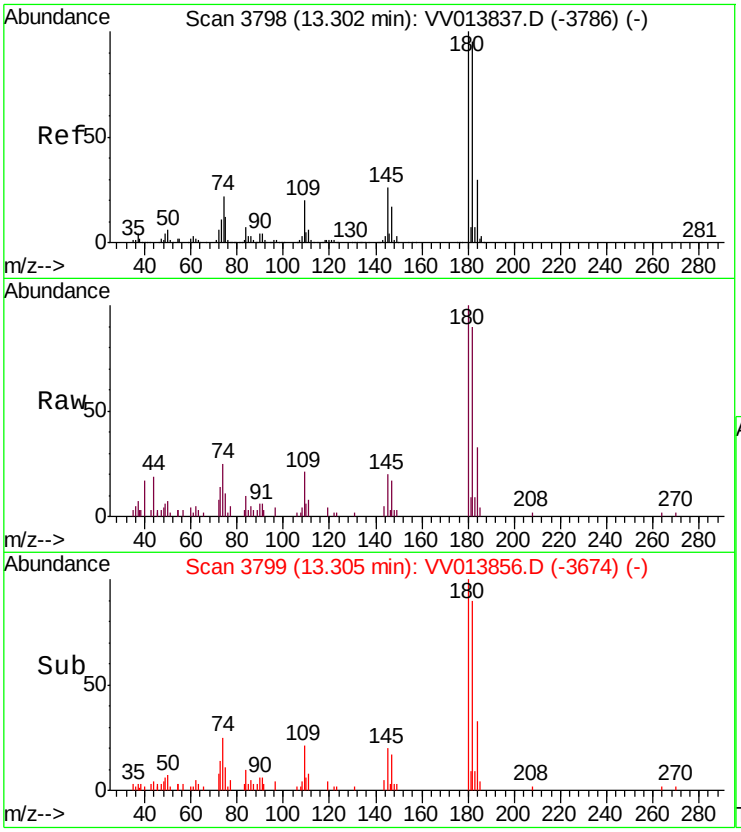


#67
1,3,5-Trichlorobenzene
Concen: 0.971 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Tgt Ion:180 Resp: 7075

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.2
184	27.4	24.3	36.5
145	27.2	21.2	31.8



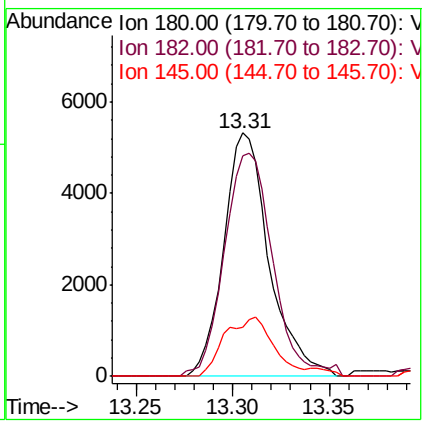


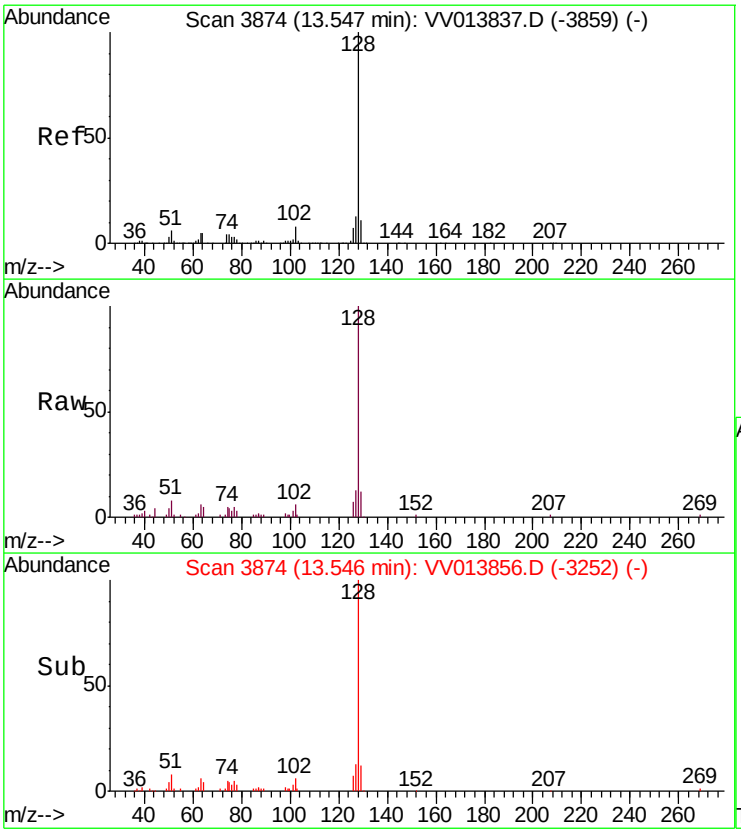
#68
1,2,4-trichlorobenzene
Concen: 1.361 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Instrument :
MSVOA_V
ClientSampleId :
H0AA0

Tgt Ion:180 Resp: 8688

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	17.0	22.4	33.6#

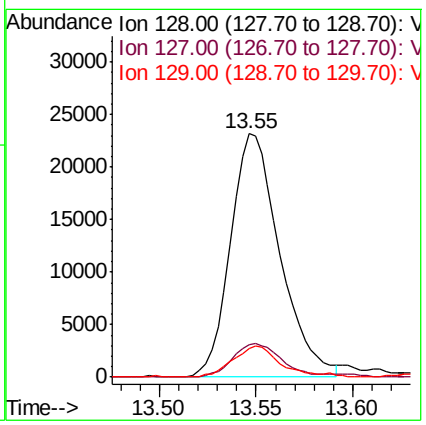


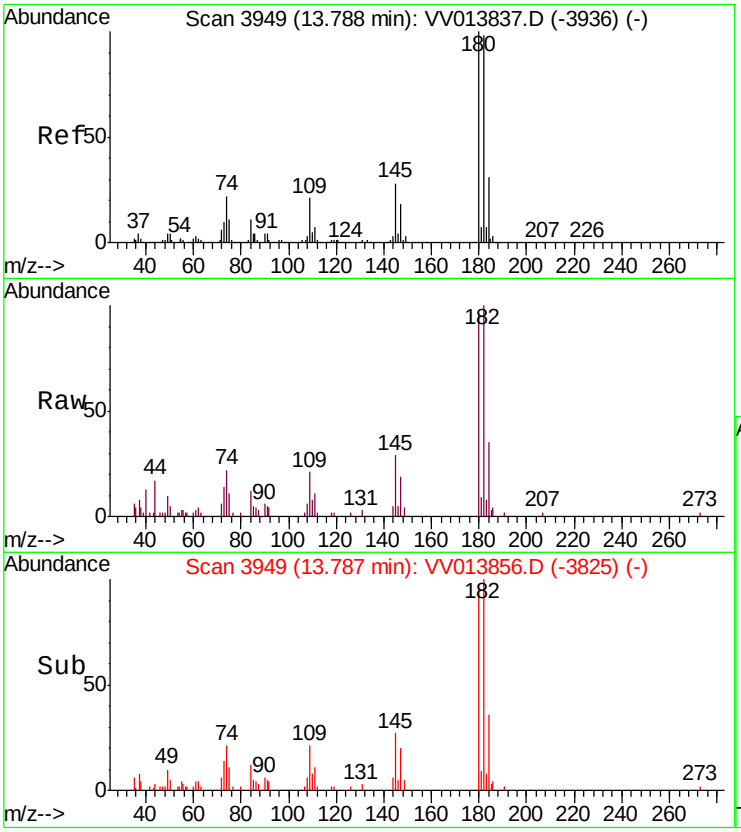


#69
Naphthalene
Concen: 2.413 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. -0.00 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Tgt Ion:128 Resp: 41144

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	12.1	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 1.535 ug/L
RT: 13.79 min Scan# 3949
Delta R.T. -0.00 min
Lab File: VV013856.D
Acq: 29 Nov 2019 18:06

Instrument :
MSVOA_V
ClientSampleId :
H0AA0

Tgt Ion:180 Resp: 10403

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.4	116.0
145	29.6	24.0	36.0