Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\

Quantitation Report (Not Reviewed)

Data File : VV008586.D
Acq On : 16 Nov 2018 17:26
Operator : SY/MD
Sample : VV1116WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK65

Quant Time: Nov 17 04:47:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	133014	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	118206	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53098	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27049	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.59	69	23109	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.13	63	41406	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.00%			
20) 2-Butanone-d5	3.98	46	109786	51.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.86%			
24) Chloroform-d	4.41	84	75627	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.09	65	42251	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
32) Benzene-d6	5.10	84	153991	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.12	67	50774	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.36	98	140918	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
43) trans-1,3-Dichloropropene-	7.67	79	17633	4.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.00%			
46) 2-Hexanone-d5	8.14	63	89617	52.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.32%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34728	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	48439	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	655	0.097	ug/L #	29
14) Carbon disulfide	2.32	76	2359	0.123	ug/L #	80
16) Methylene chloride	2.54	84	1754	0.234	ug/L	90
25) Chloroform	4.42	83	6283	0.294	ug/L	100
37) 1,2-Dichloropropane	6.12	63	5561	0.565	ug/L #	89
38) Bromodichloromethane	6.56	83	1169	0.097	ug/L #	94
62) 1,3-Dichlorobenzene	11.23	146	1965	0.114	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	2186	0.128	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.69	75	127	0.121	ug/L #	11
67) 1,3,5-Trichlorobenzene	12.70	180	1731	0.138	ug/L #	94
68) 1,2,4-trichlorobenzene	13.32	180	1812	0.180	ug/L	96
69) Naphthalene	13.56	128	2673	0.163	ug/L #	96
70) 1,2,3-Trichlorobenzene	13.80	180	1515	0.163	ug/L	99

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

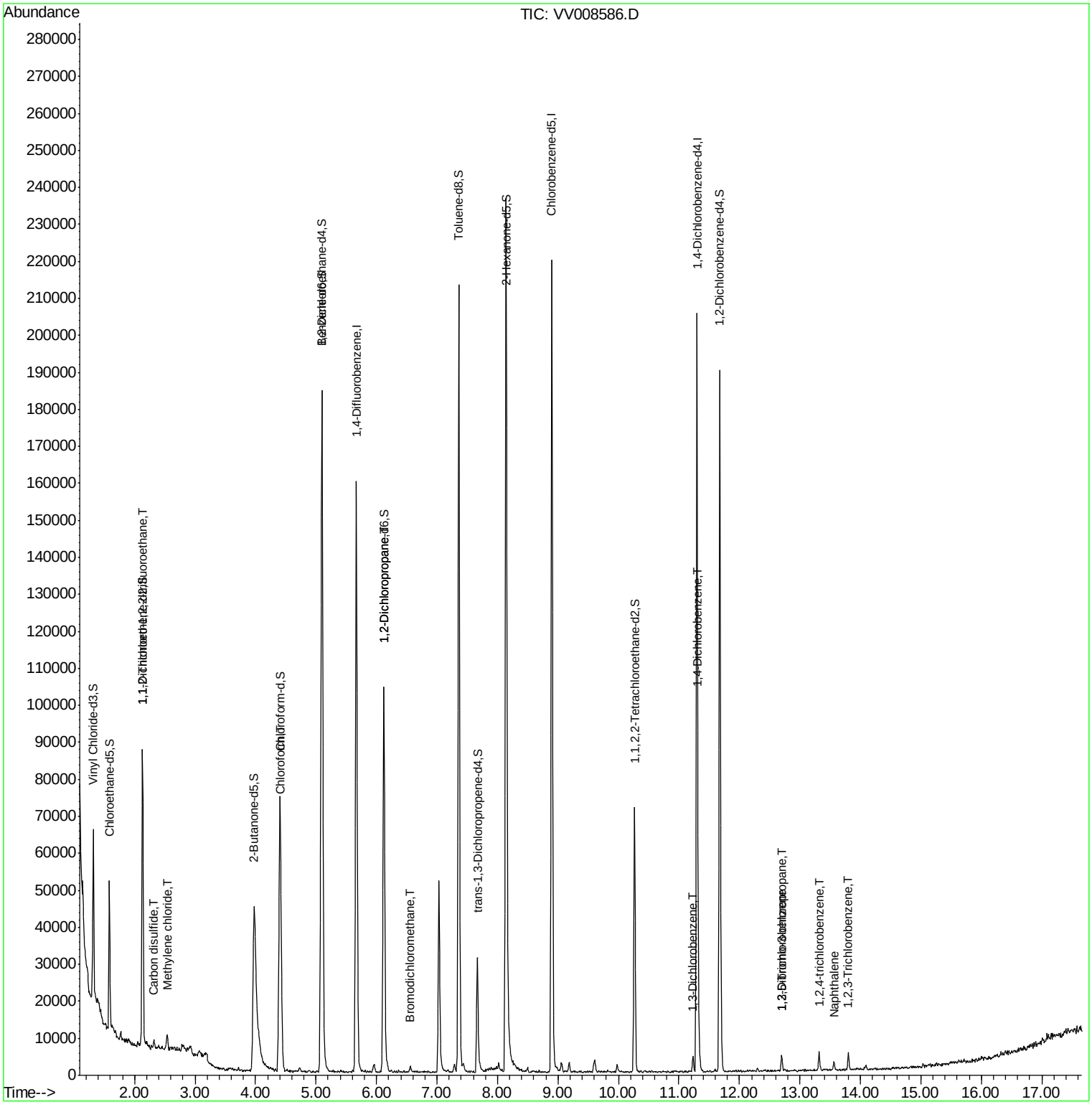
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\

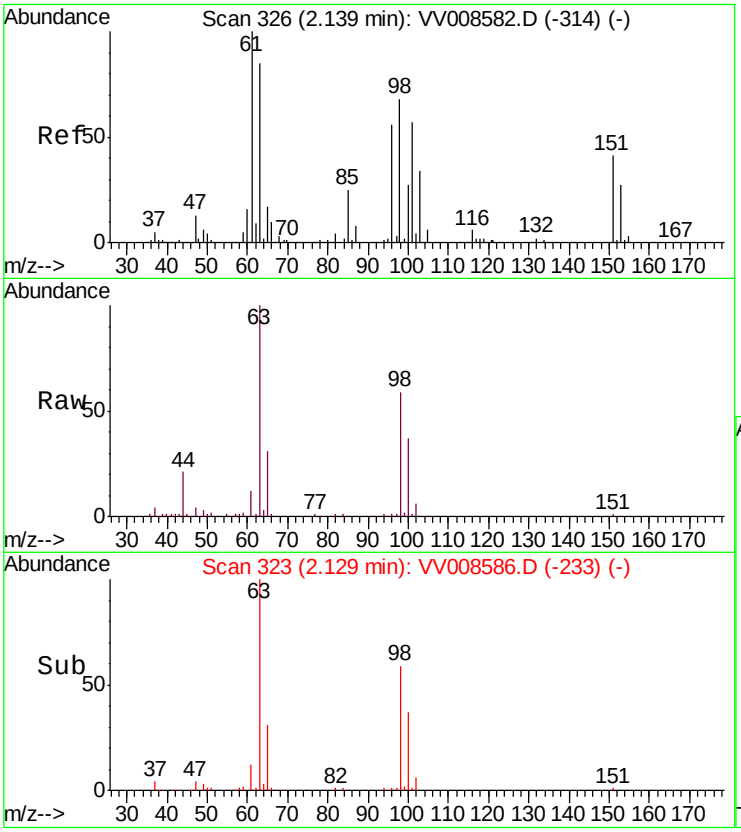
Quantitation Report (Not Reviewed)

Data File : VV008586.D
Acq On : 16 Nov 2018 17:26
Operator : SY/MD
Sample : VV1116WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Quant Time: Nov 17 04:47:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration



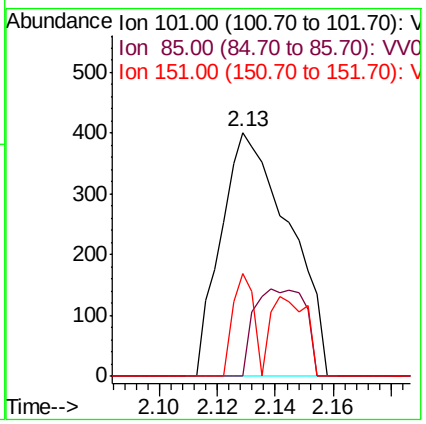


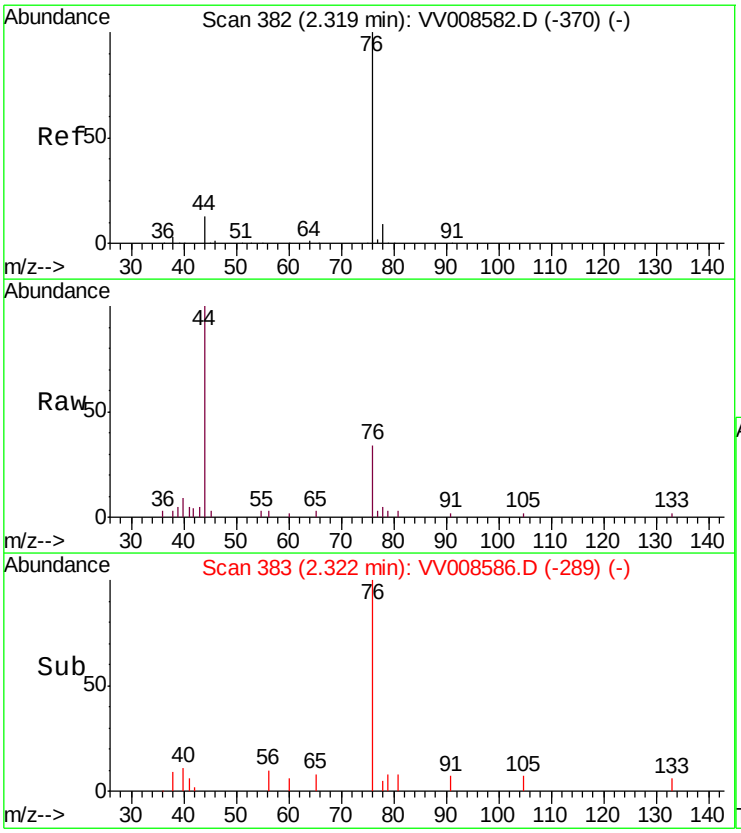
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.097 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion:101 Resp: 655

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.4	53.0#
151	12.8	59.4	89.2#

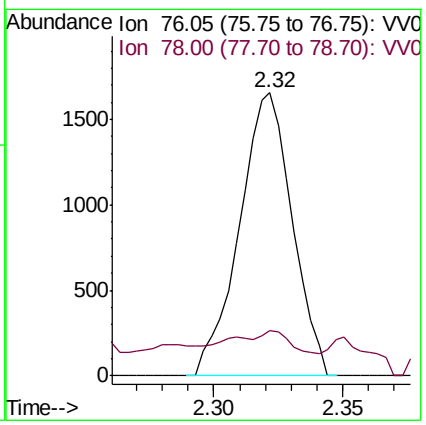


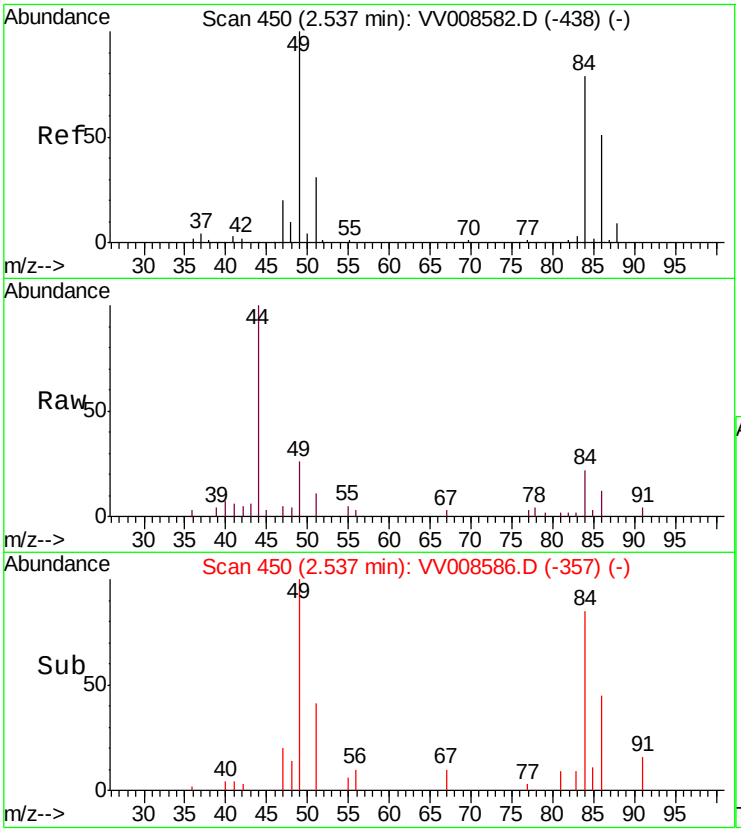


#14
Carbon disulfide
Concen: 0.123 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Tgt Ion: 76 Resp: 2359

Ion	Ratio	Lower	Upper
76	100		
78	15.9	7.0	10.6#



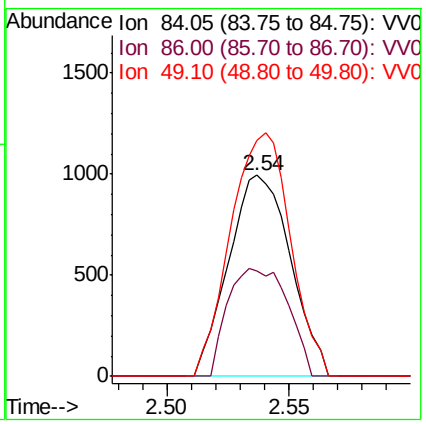


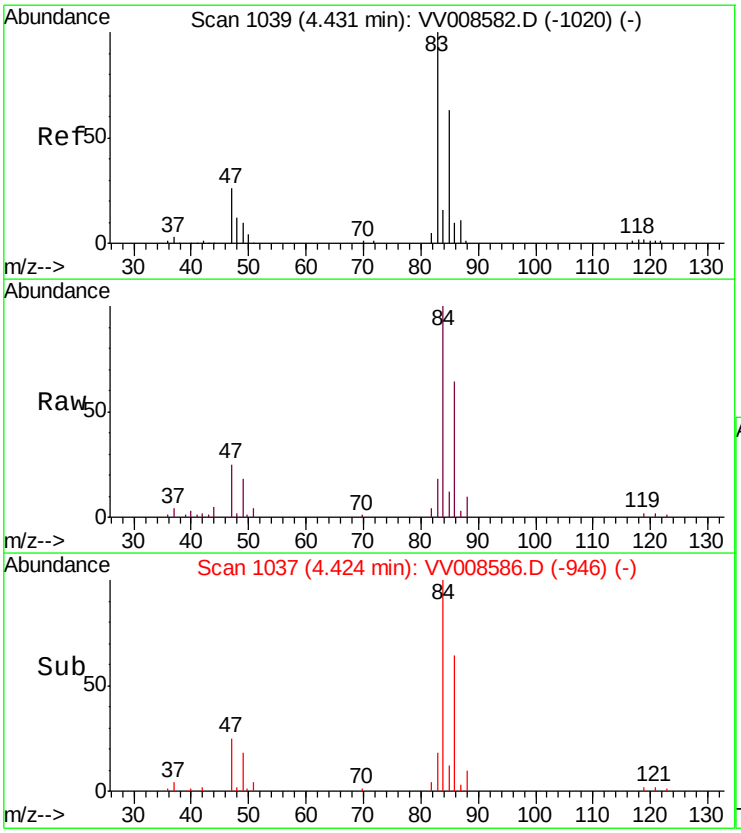
#16
Methylene chloride
Concen: 0.234 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion: 84 Resp: 1754

Ion	Ratio	Lower	Upper
84	100		
86	52.7	44.8	83.2
49	117.3	88.1	163.7

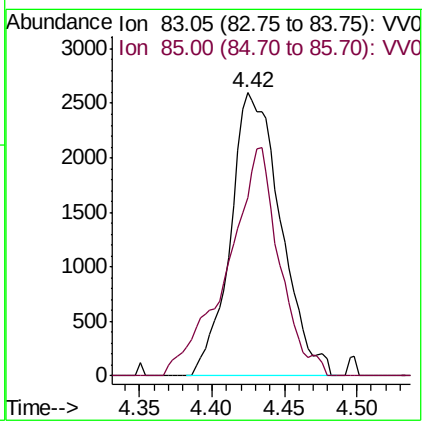


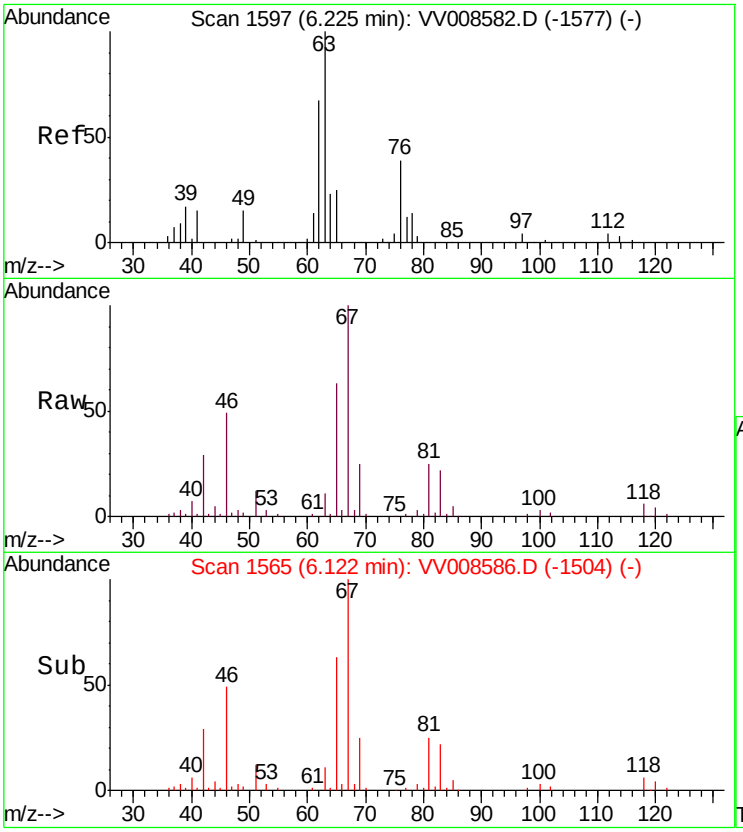


#25
Chloroform
Concen: 0.294 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.01 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Tgt Ion: 83 Resp: 6283

Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.4	82.5



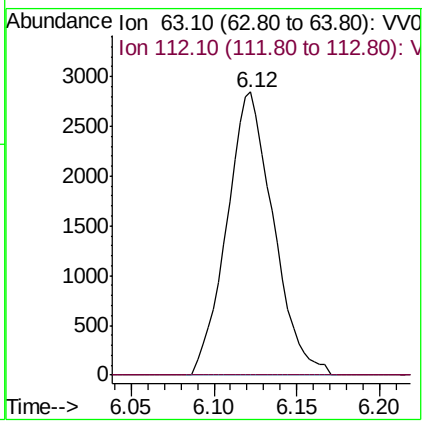


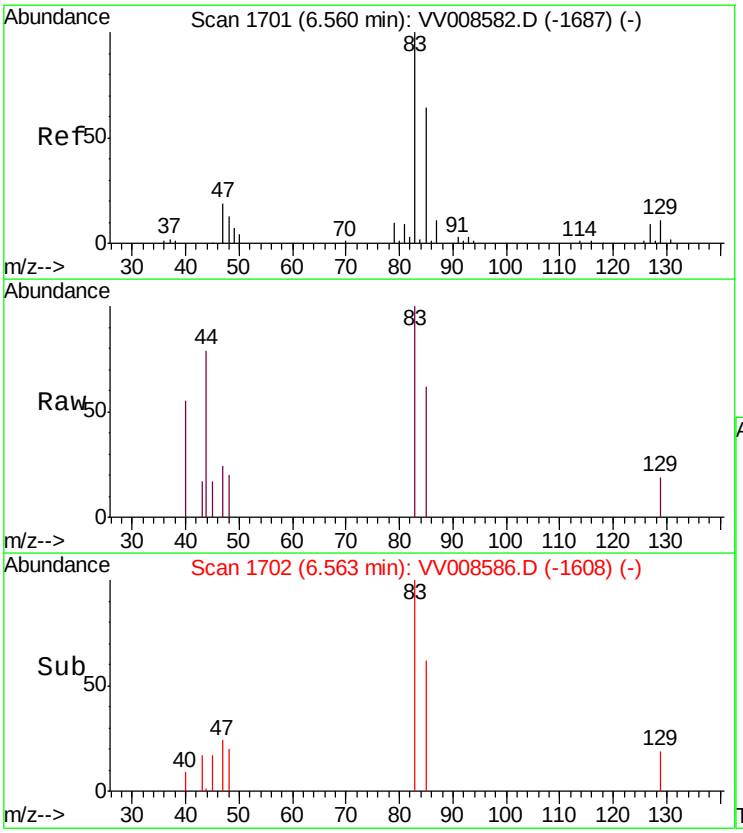
#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Instrument : MSVOA_V
ClientSampleId : VBLK65

Tgt Ion: 63 Resp: 5561

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#

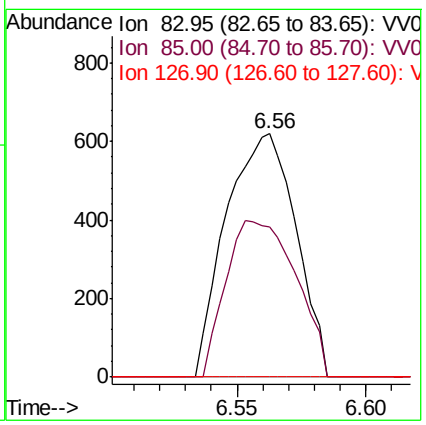


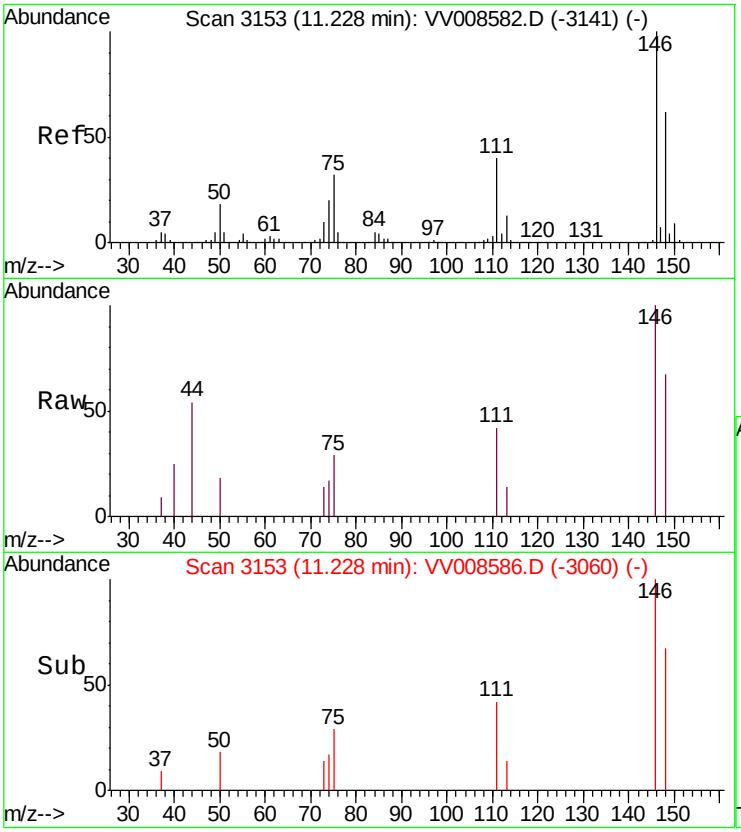


#38
Bromodichloromethane
Concen: 0.097 ug/L
RT: 6.56 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Tgt Ion: 83 Resp: 1169

Ion	Ratio	Lower	Upper
83	100		
85	61.8	44.9	83.5
127	0.0	6.9	10.3#



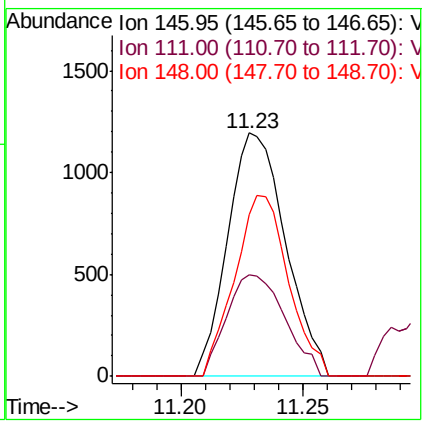


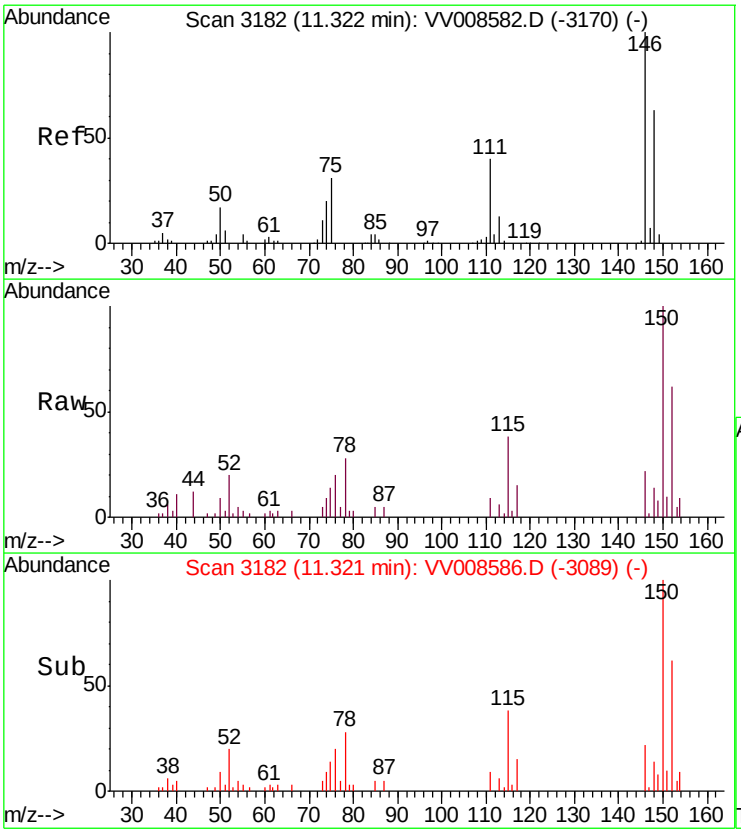
#62
1,3-Dichlorobenzene
Concen: 0.114 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Instrument : MSVOA_V
ClientSampleId : VBLK65

Tgt Ion:146 Resp: 1965

Ion	Ratio	Lower	Upper
146	100		
111	41.6	28.1	52.1
148	66.5	43.0	80.0

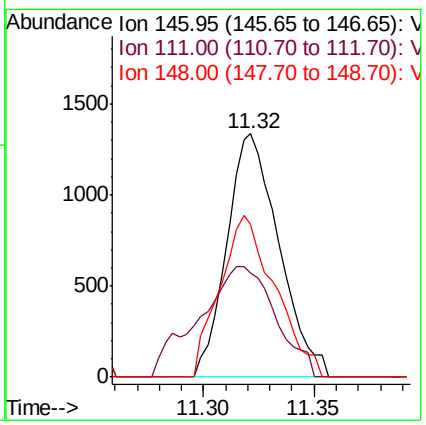


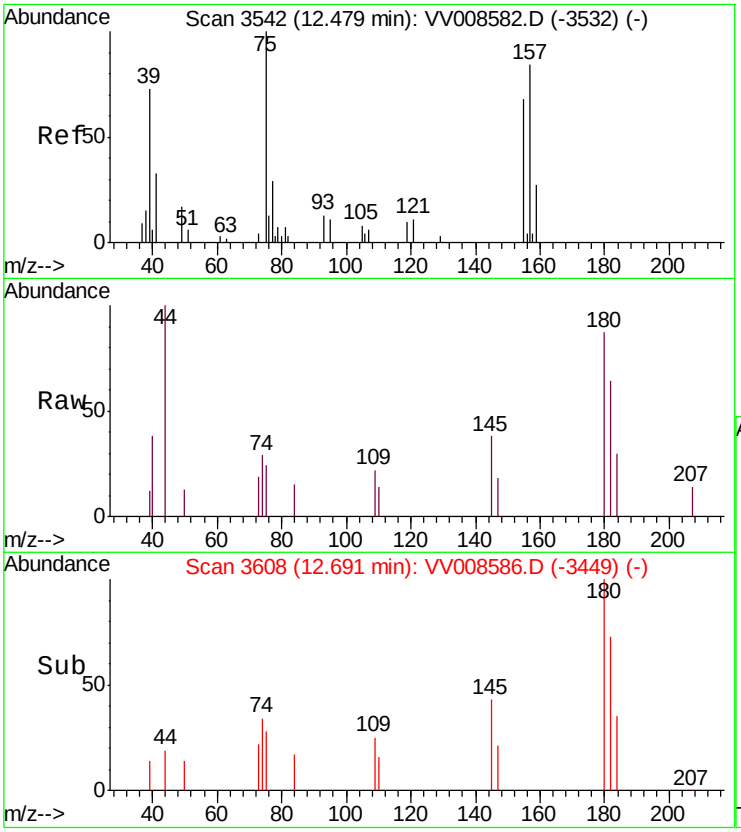


#63
1,4-Dichlorobenzene
Concen: 0.128 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Tgt Ion:146 Resp: 2186

Ion	Ratio	Lower	Upper
146	100		
111	42.9	28.2	52.4
148	62.8	44.1	81.9



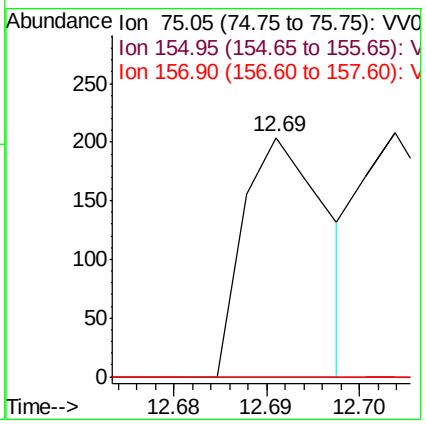


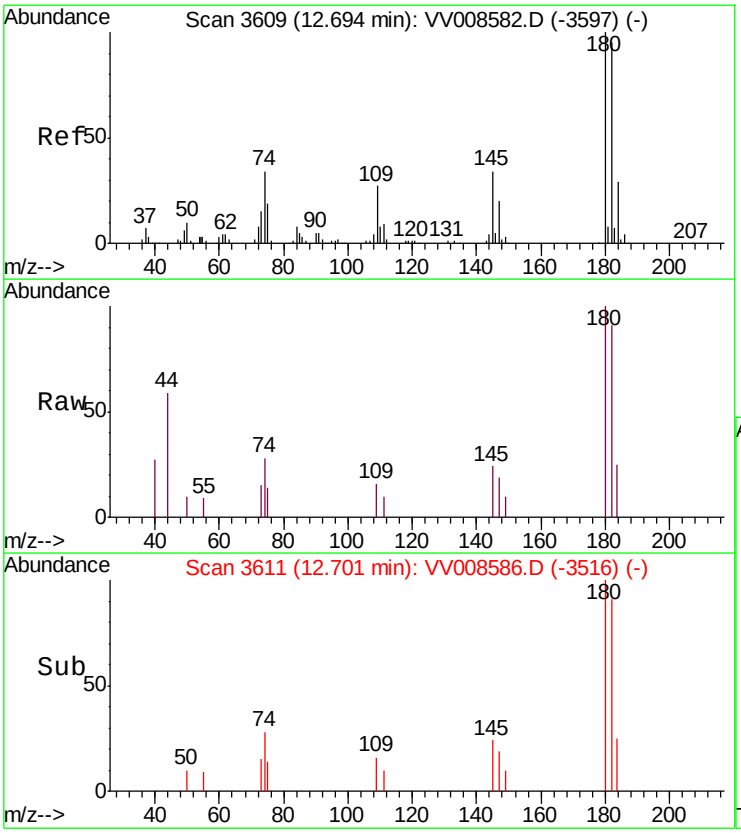
#66
1,2-Dibromo-3-chloropropane
Concen: 0.121 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.21 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Instrument : MSVOA_V
ClientSampleId : VBLK65

Tgt Ion: 75 Resp: 127

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.2	81.2#
157	0.0	67.4	101.2#

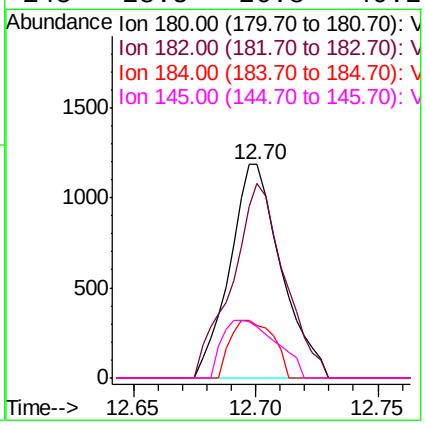


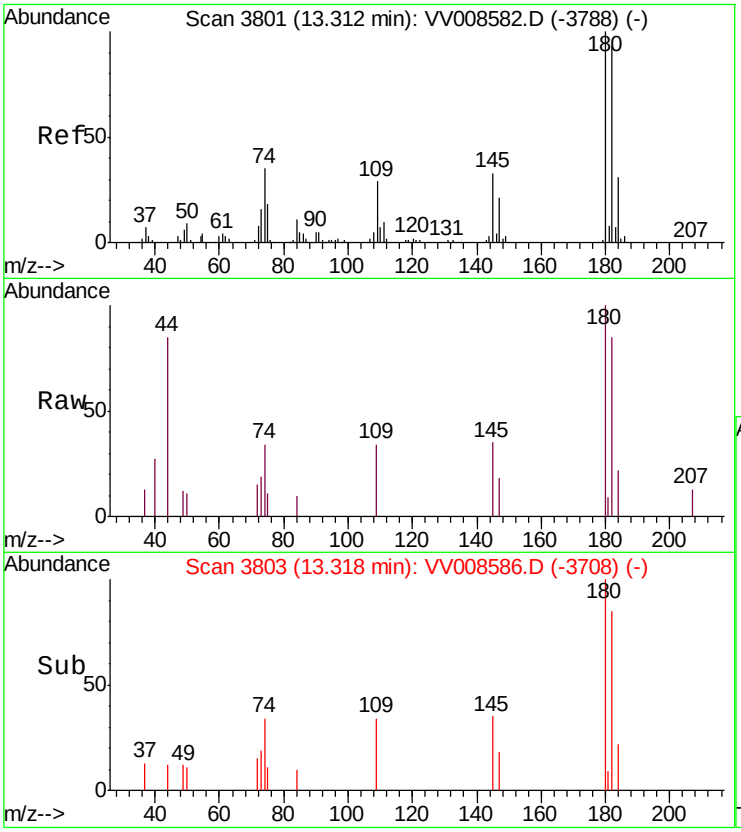


#67
1,3,5-Trichlorobenzene
Concen: 0.138 ug/L
RT: 12.70 min Scan# 3611
Delta R.T. 0.01 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Tgt Ion:180 Resp: 1731

Ion	Ratio	Lower	Upper
180	100		
182	92.4	75.9	113.9
184	22.4	23.9	35.9#
145	28.5	26.8	40.2



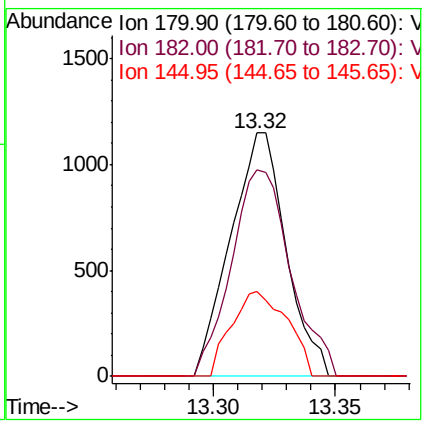


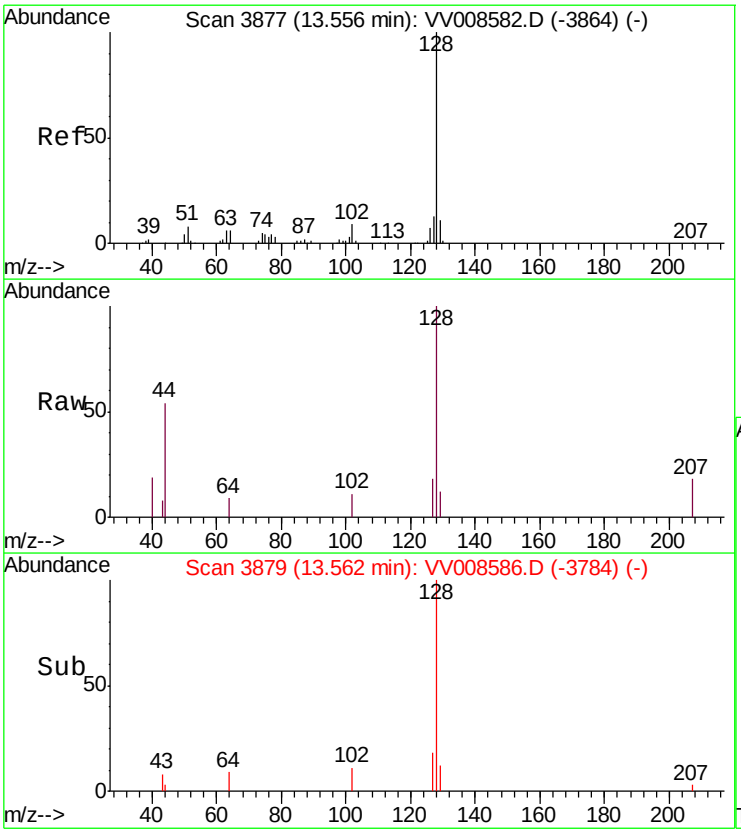
#68
1,2,4-trichlorobenzene
Concen: 0.180 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.01 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion:180 Resp: 1812

Ion	Ratio	Lower	Upper
180	100		
182	90.5	76.4	114.6
145	35.0	27.1	40.7

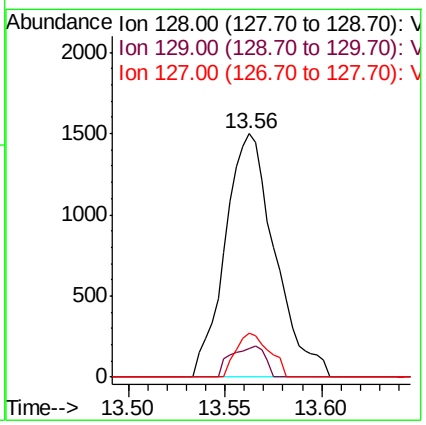


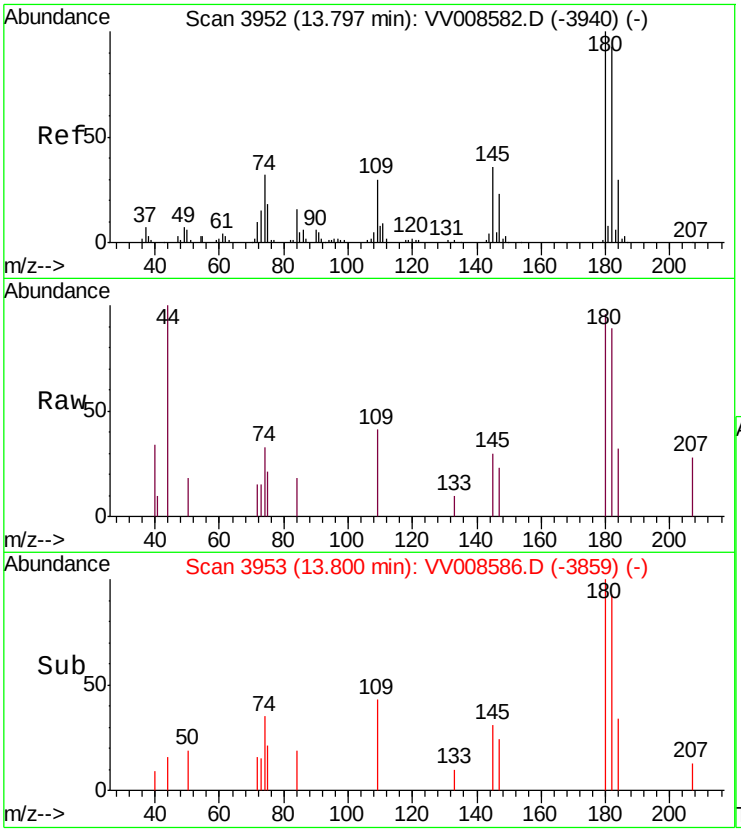


#69
Naphthalene
Concen: 0.163 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.01 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Tgt Ion:128 Resp: 2673

Ion	Ratio	Lower	Upper
128	100		
129	8.6	8.8	13.2#
127	12.0	10.0	15.0





#70
1,2,3-Trichlorobenzene
Concen: 0.163 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.00 min
Lab File: VV008586.D
Acq: 16 Nov 2018 17:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion:180 Resp: 1515

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.0	114.0
145	33.9	28.2	42.2