Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050318\
Data File : VV005763.D
Acq On : 03 May 2018 15:25
Operator : SY/MD
Sample : J2594-18DL 4X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 02:04:28 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR043018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	201812	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84879	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67002	5.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.00%			
7) Chloroethane-d5	1.55	69	36703	3.28	ug/L	-0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 65.60%			
11) 1,1-Dichloroethene-d2	2.12	63	116541	3.91	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.20%			
20) 2-Butanone-d5	3.96	46	150937	56.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.32%			
24) Chloroform-d	4.41	84	134358	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.09	65	78677	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.00%			
32) Benzene-d6	5.10	84	249286	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.12	67	80656	5.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.60%			
41) Toluene-d8	7.37	98	226711	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
43) trans-1,3-Dichloropropene-	7.67	79	27186	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.14	63	107949	54.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.44%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57608	5.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	84065	5.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	7529	0.47	ug/L	92
13) Acetone	2.20	43	8316	3.99	ug/L	93
17) Methyl tert-butyl Ether	2.82	73	14160	0.40	ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	3600	0.23	ug/L	94
19) 1,1-Dichloroethane	3.23	63	6913	0.24	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	88504	5.90	ug/L	98
27) 1,2-Dichloroethane	5.19	62	4885	0.27	ug/L #	94
34) Trichloroethene	5.96	95	68175	4.15	ug/L	98
38) Bromodichloromethane	6.56	83	4382	0.23	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	4028	0.20	ug/L	96
42) Toluene	7.44	91	13898	0.23	ug/L	93
44) trans-1,3-Dichloropropene	7.70	75	3893	0.24	ug/L	84
47) Tetrachloroethene	8.03	164	11205	0.93	ug/L	96
49) Dibromochloromethane	8.30	129	2939	0.26	ug/L	96
51) Chlorobenzene	8.93	112	11750	0.29	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.30	83	3404	0.33	ug/L #	84
62) 1,3-Dichlorobenzene	11.23	146	6257	0.23	ug/L	94

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Sample : J2594-18DL 4X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 02:04:28 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR043018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.32	146	8282	0.29 ug/L	96
65) 1,2-Dichlorobenzene	11.70	146	8044	0.31 ug/L #	86
68) 1,2,4-trichlorobenzene	13.32	180	3364	0.23 ug/L	89
70) 1,2,3-Trichlorobenzene	13.80	180	3381	0.24 ug/L	99

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

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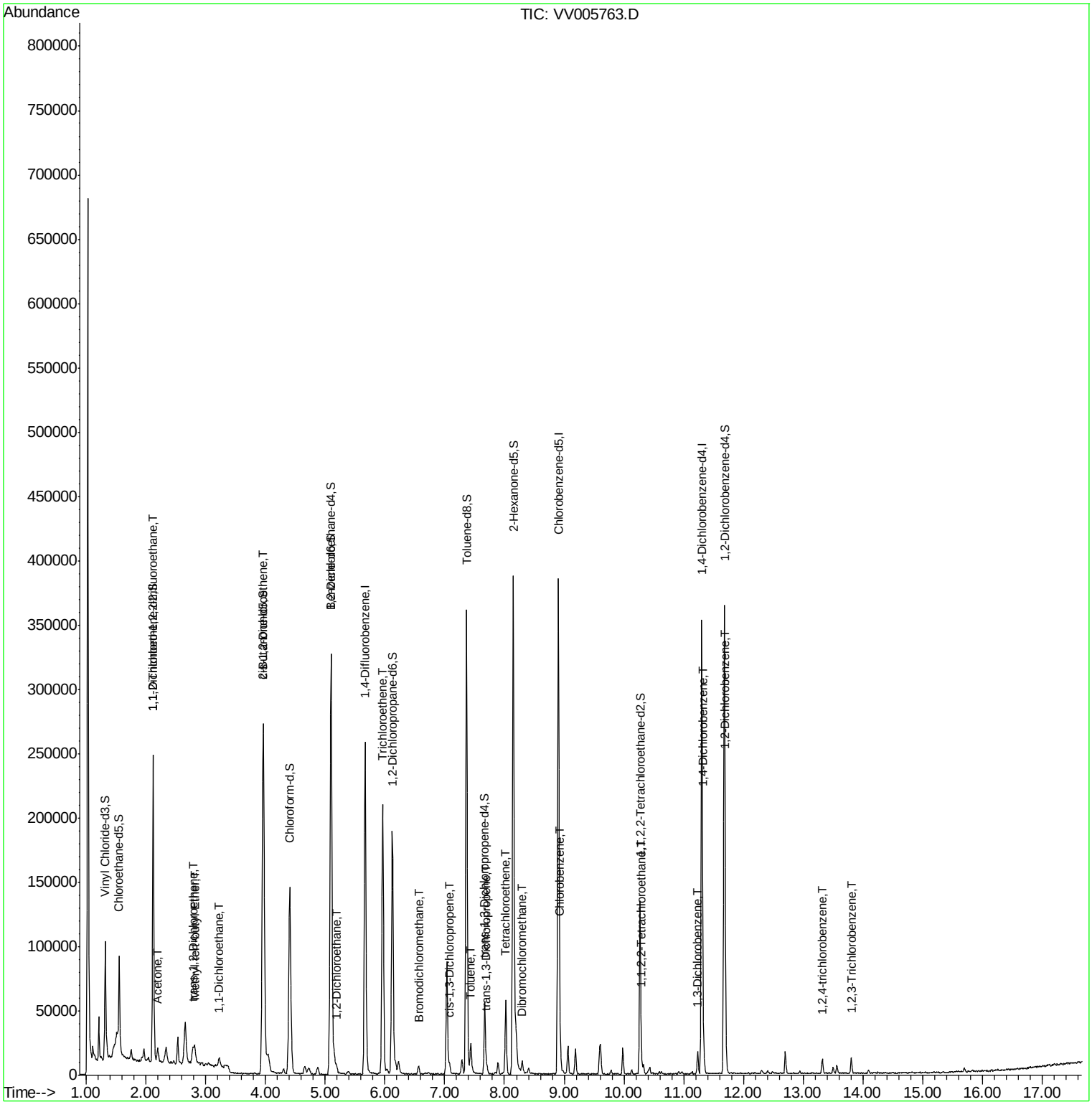
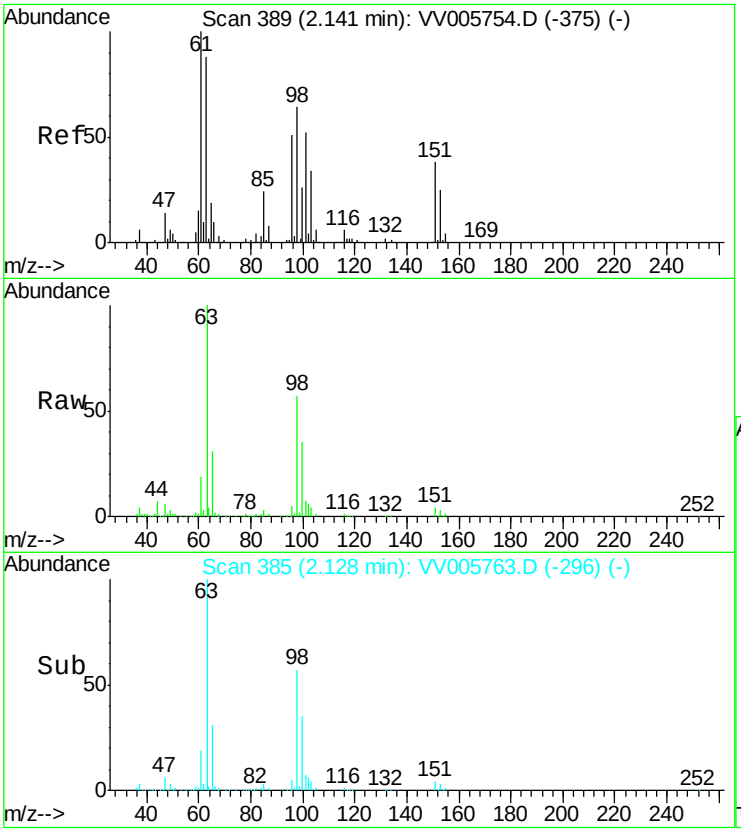
Response via : Initial Calibration

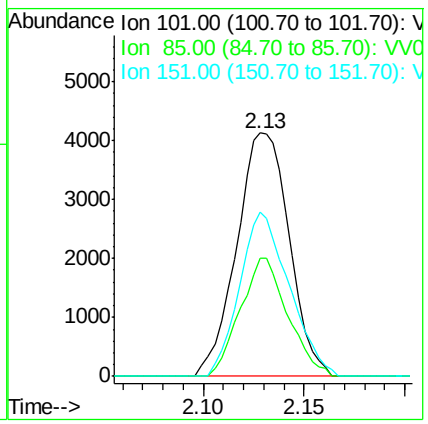


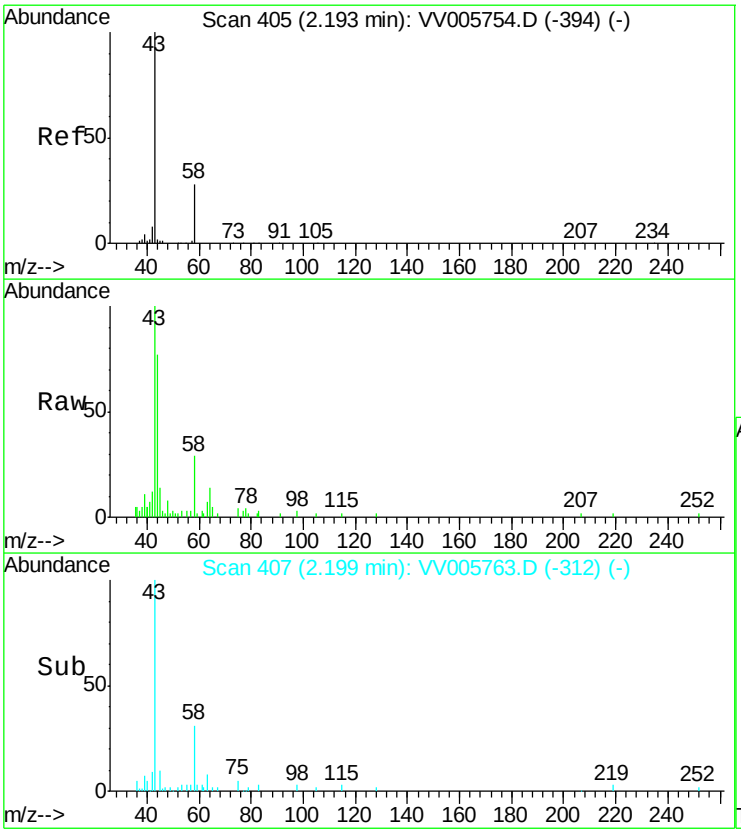


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.47 ug/L
RT: 2.13 min Scan# 385
Delta R.T. -0.01 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion:101 Resp: 7529

Ion	Ratio	Lower	Upper
101	100		
85	43.8	36.6	55.0
151	63.7	58.4	87.6

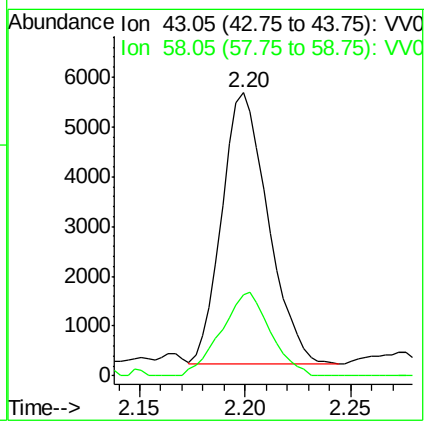


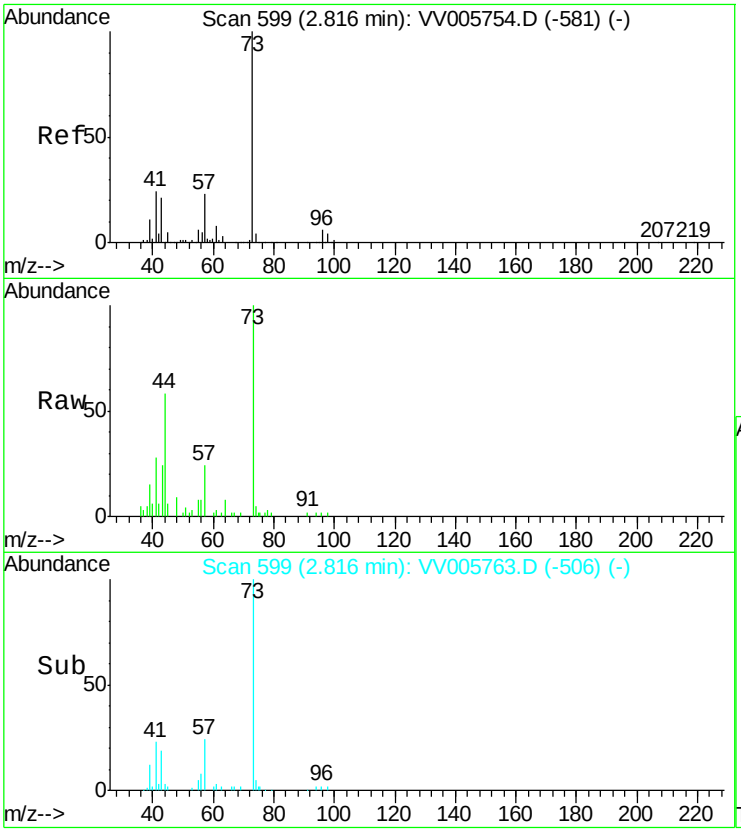


#13
Acetone
Concen: 3.99 ug/L
RT: 2.20 min Scan# 407
Delta R.T. 0.01 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 43 Resp: 8316

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	58.0

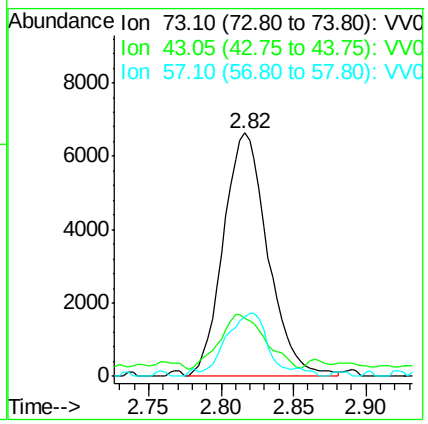


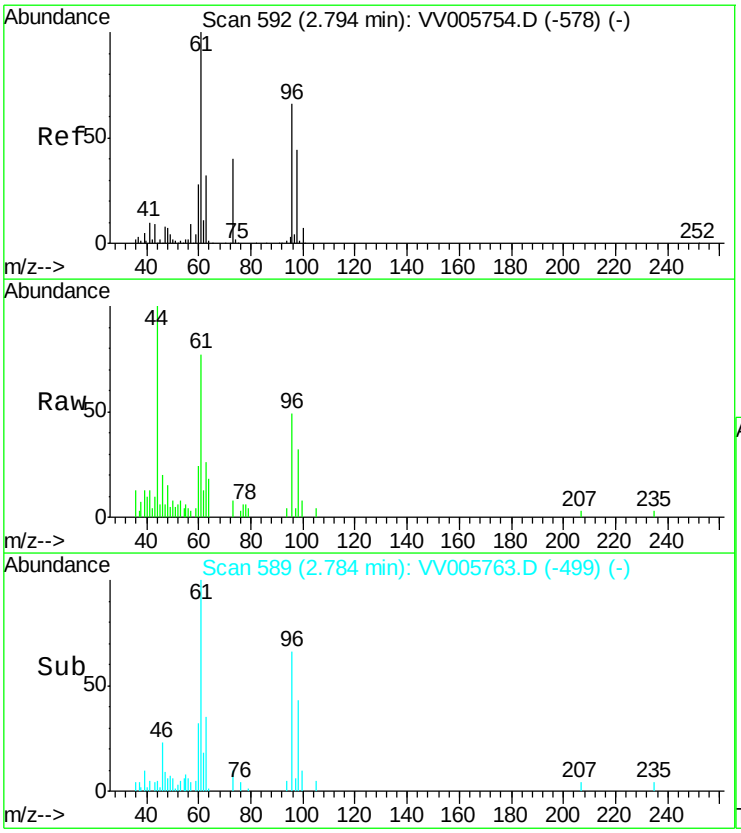


#17
Methyl tert-butyl Ether
Concen: 0.40 ug/L
RT: 2.82 min Scan# 599
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 73 Resp: 14160

Ion	Ratio	Lower	Upper
73	100		
43	22.9	17.4	26.2
57	25.0	17.5	26.3

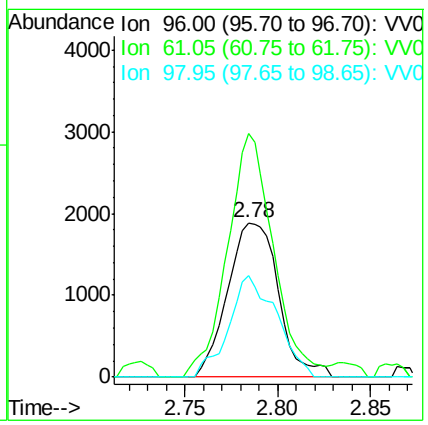


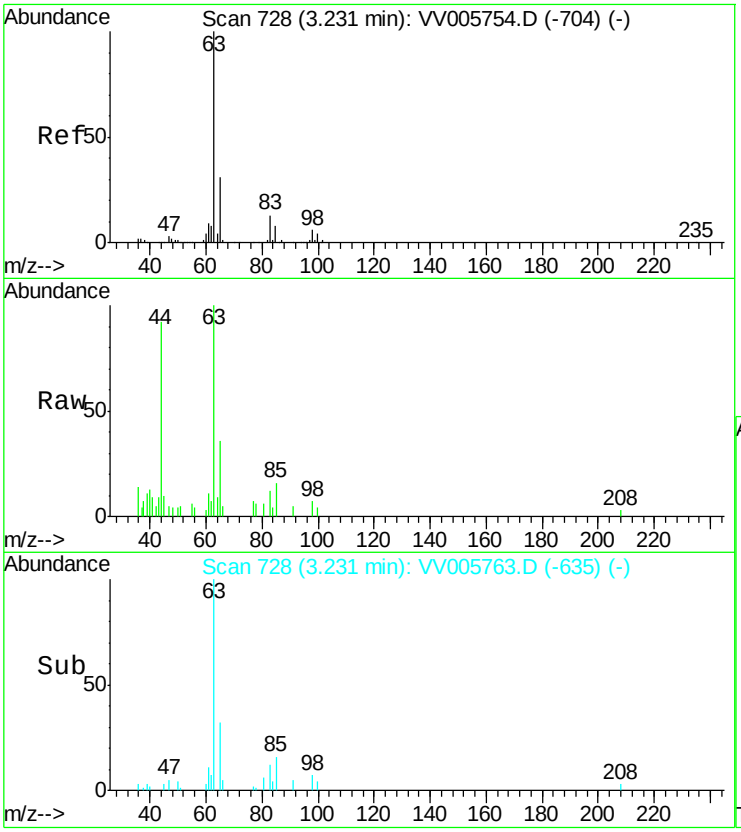


#18
trans-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 2.78 min Scan# 589
Delta R.T. -0.01 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 96 Resp: 3600

Ion	Ratio	Lower	Upper
96	100		
61	157.9	104.4	193.8
98	65.7	44.0	81.6

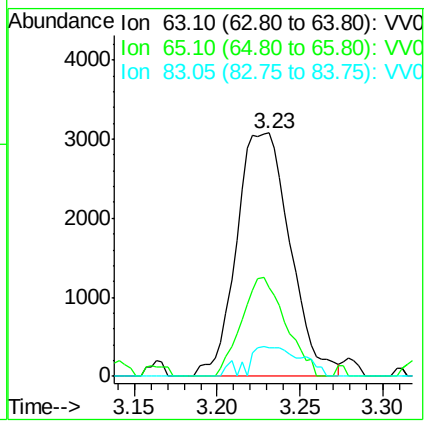


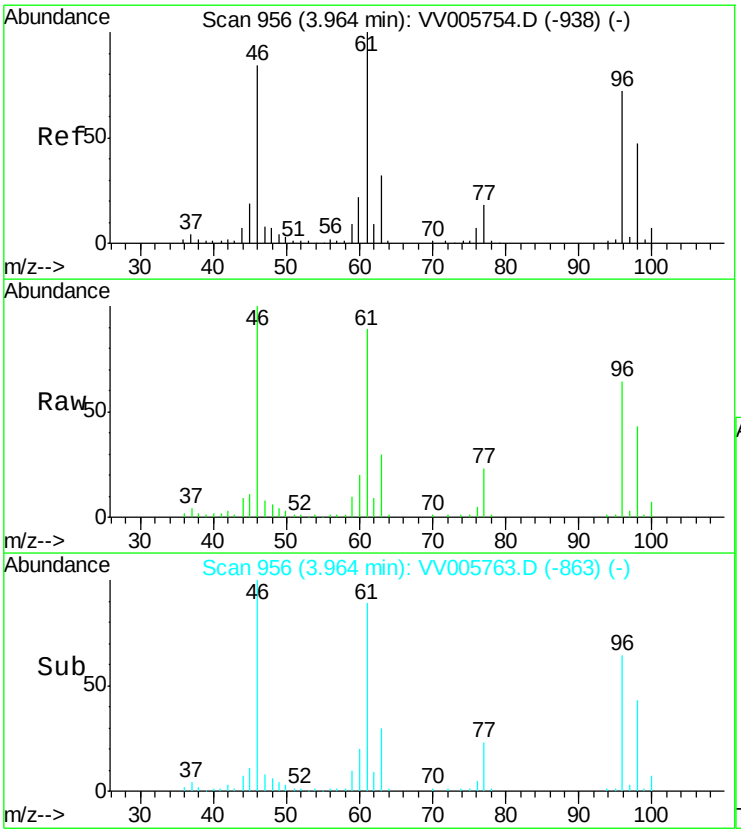


#19
1,1-Dichloroethane
Concen: 0.24 ug/L
RT: 3.23 min Scan# 728
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 63 Resp: 6913

Ion	Ratio	Lower	Upper
63	100		
65	36.2	21.5	39.9
83	11.6	9.6	17.8

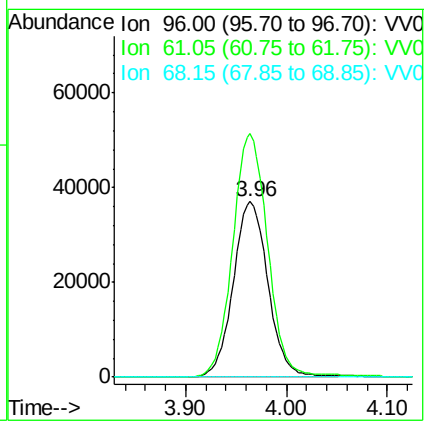


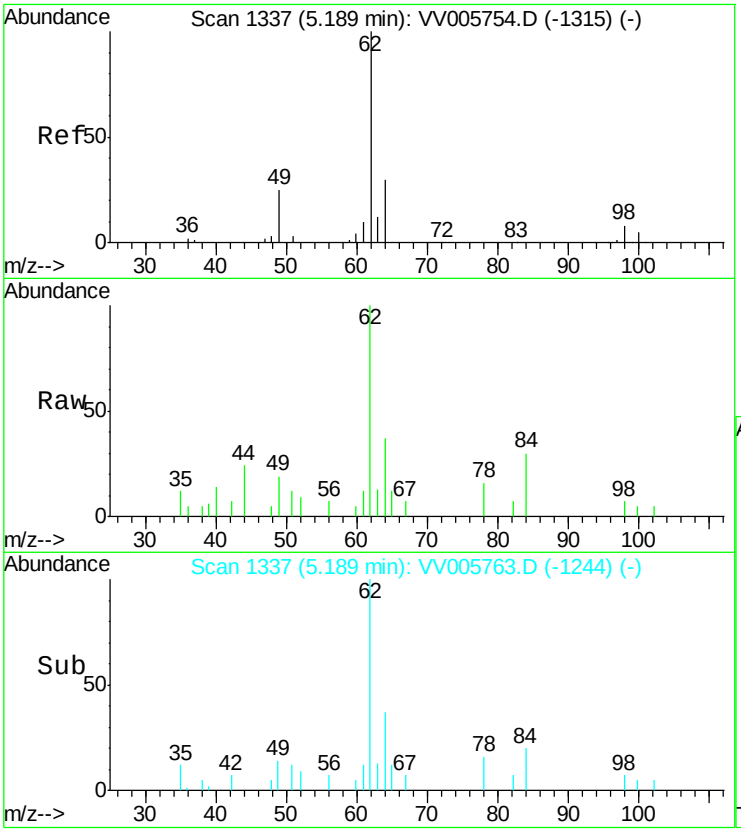


#22
cis-1,2-Dichloroethene
Concen: 5.90 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 96 Resp: 88504

Ion	Ratio	Lower	Upper
96	100		
61	138.7	95.3	177.1
68	0.0	0.0	0.0

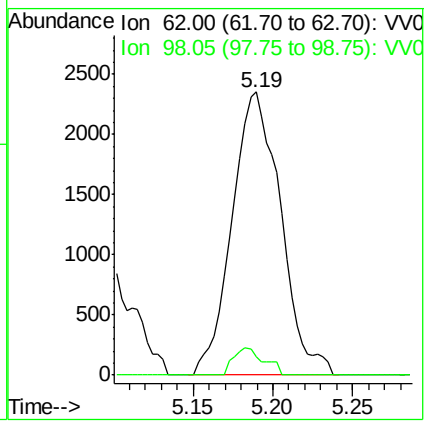


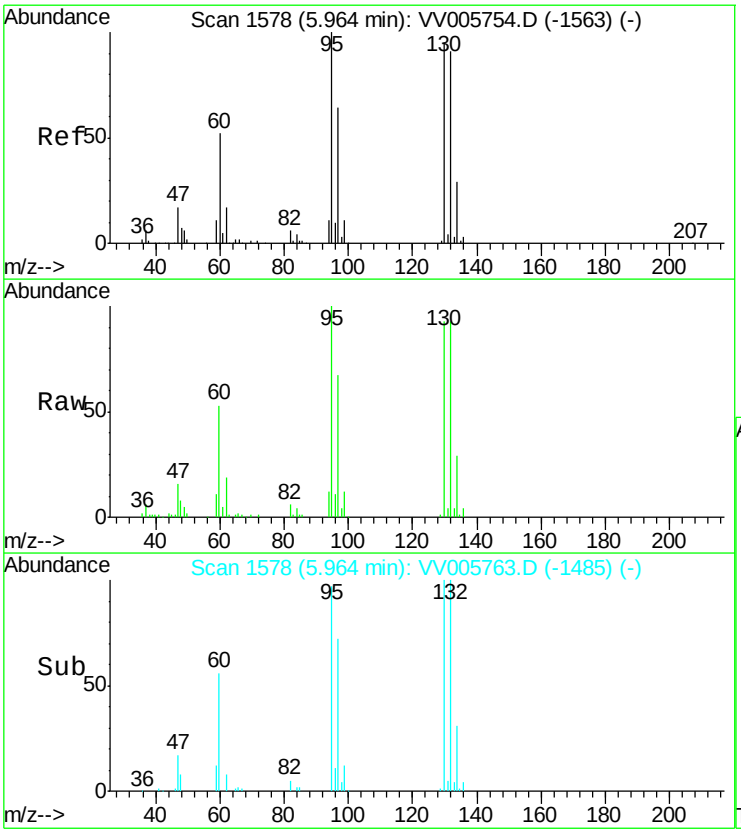


#27
1,2-Dichloroethane
Concen: 0.27 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 62 Resp: 4885

Ion	Ratio	Lower	Upper
62	100		
98	6.6	7.0	10.6#

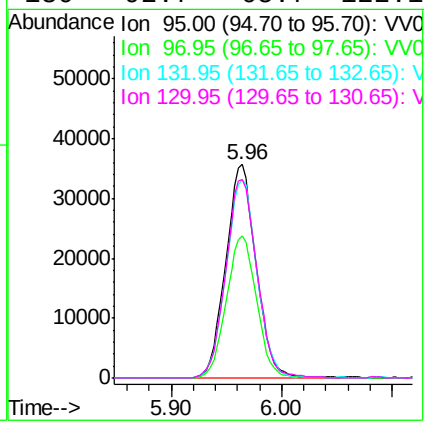


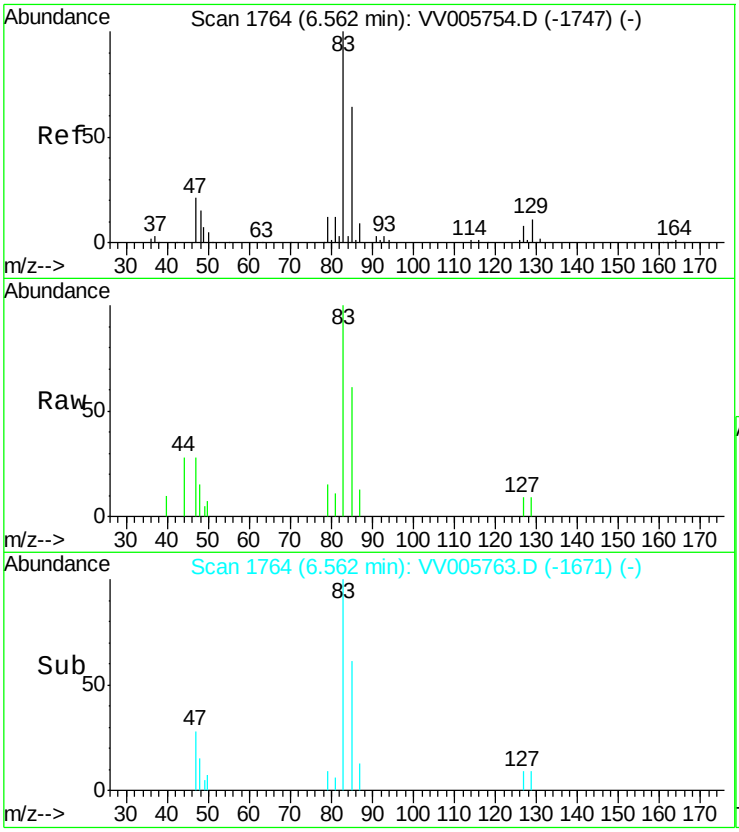


#34
Trichloroethene
Concen: 4.15 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 95 Resp: 68175

Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.4	82.4
132	92.9	65.2	121.2
130	92.7	65.7	122.1

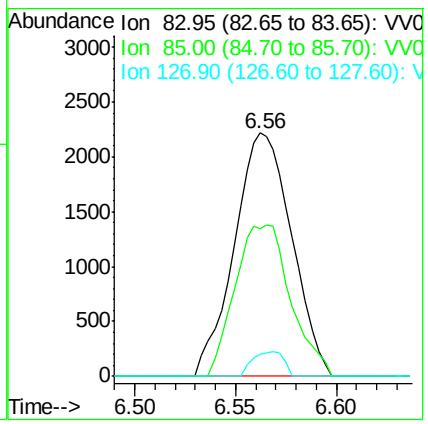


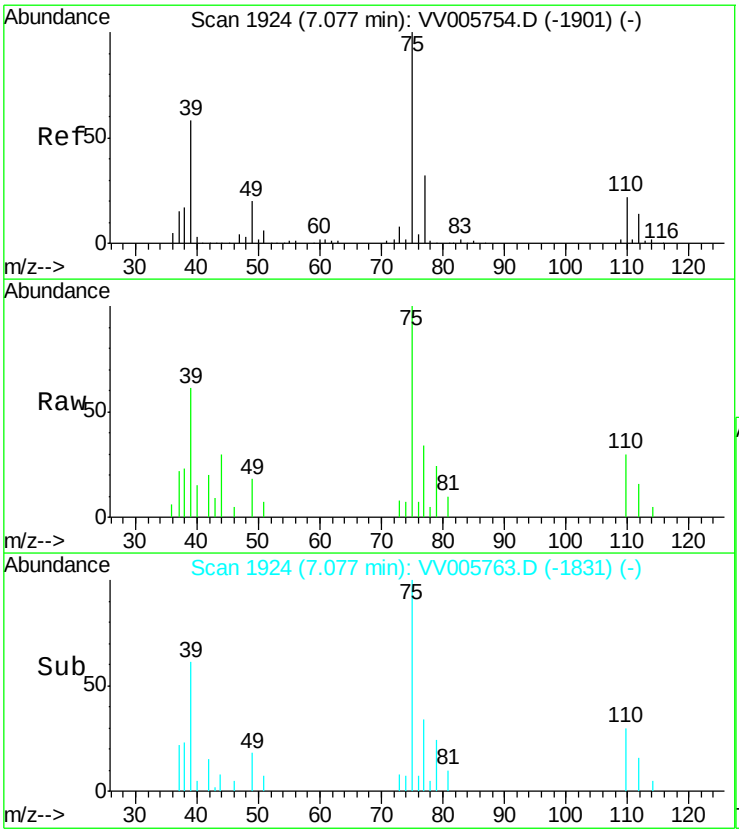


#38
Bromodichloromethane
Concen: 0.23 ug/L
RT: 6.56 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 83 Resp: 4382

Ion	Ratio	Lower	Upper
83	100		
85	60.7	44.1	81.9
127	9.1	7.4	11.2

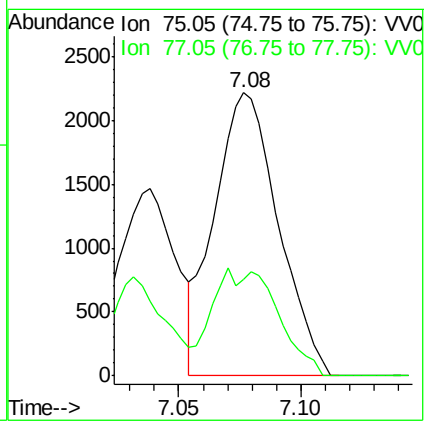


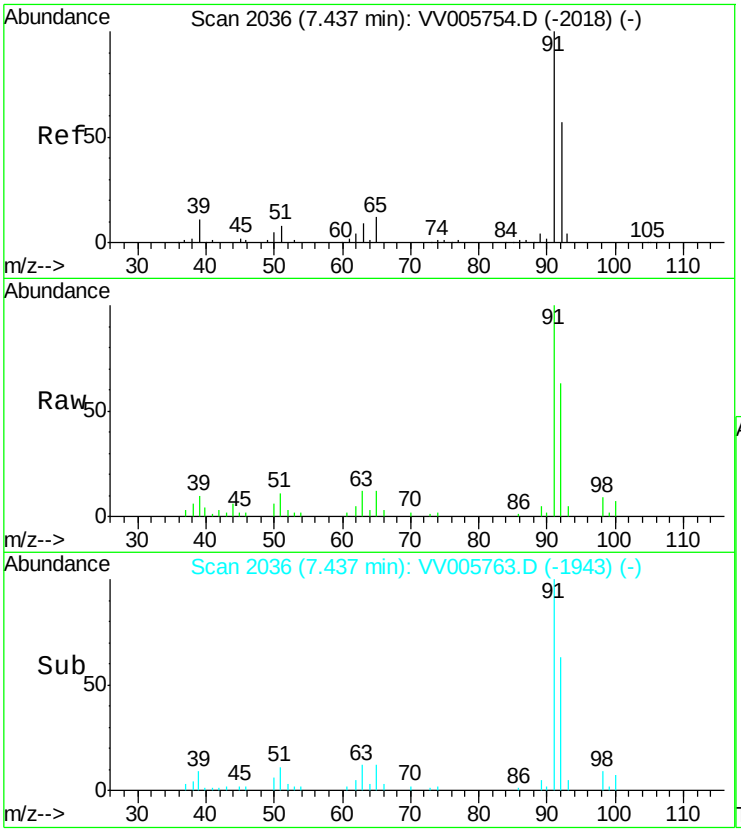


#39
cis-1,3-Dichloropropene
Concen: 0.20 ug/L
RT: 7.08 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 75 Resp: 4028

Ion	Ratio	Lower	Upper
75	100		
77	34.3	22.3	41.5

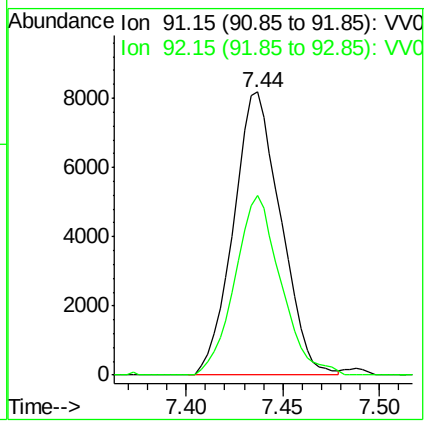


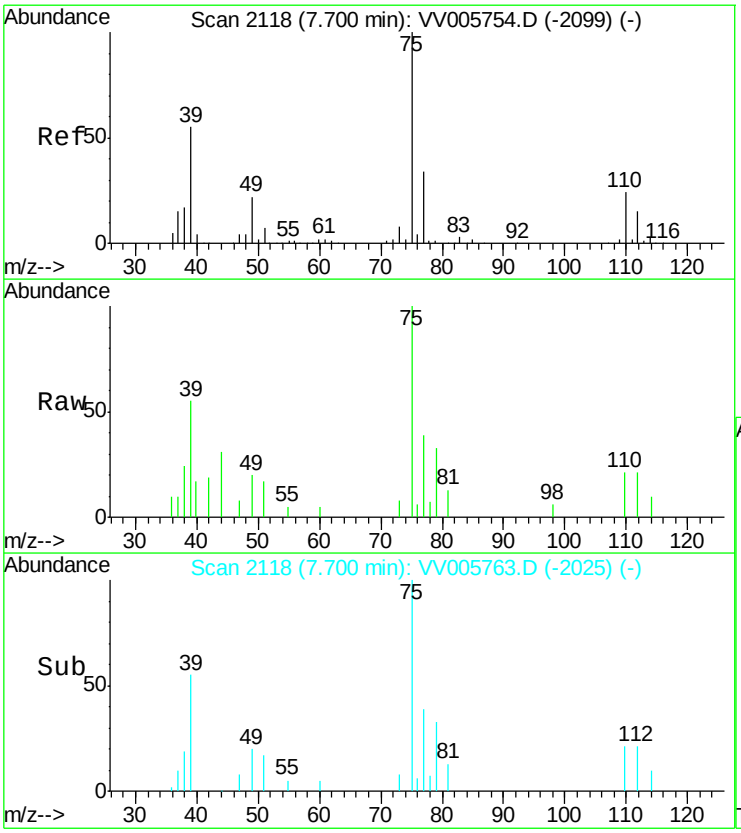


#42
Toluene
Concen: 0.23 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 91 Resp: 13898

Ion	Ratio	Lower	Upper
91	100		
92	63.3	40.7	75.7

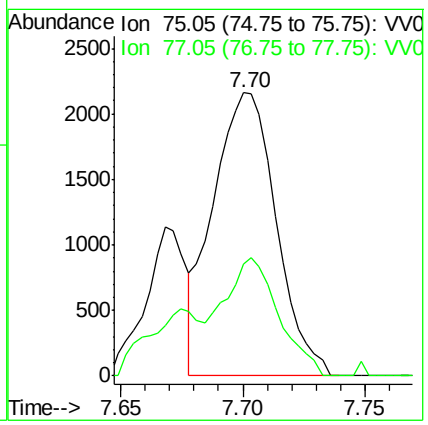


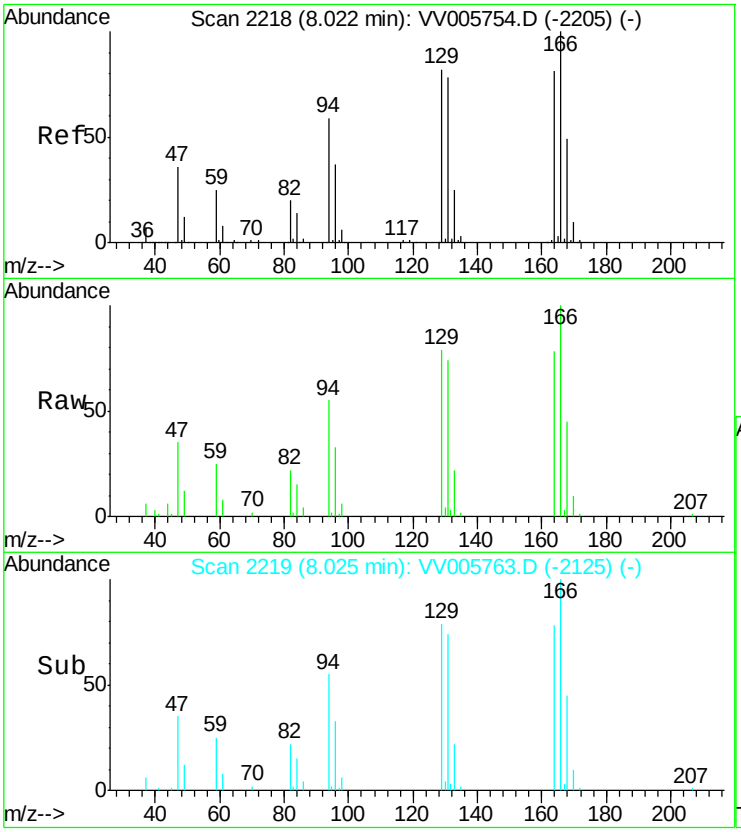


#44
trans-1,3-Dichloropropene
Concen: 0.24 ug/L
RT: 7.70 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 75 Resp: 3893

Ion	Ratio	Lower	Upper
75	100		
77	39.3	21.4	39.8

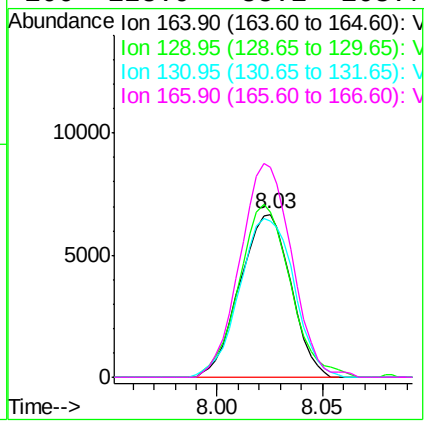


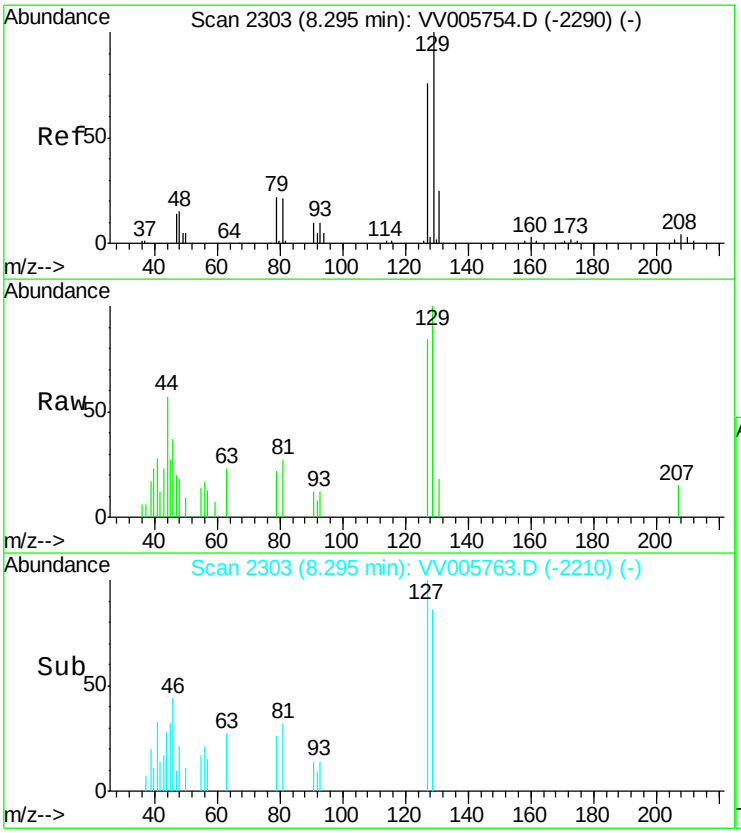


#47
Tetrachloroethene
Concen: 0.93 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion:164 Resp: 11205

Ion	Ratio	Lower	Upper
164	100		
129	101.6	67.3	124.9
131	95.7	71.0	131.8
166	128.9	88.1	163.7

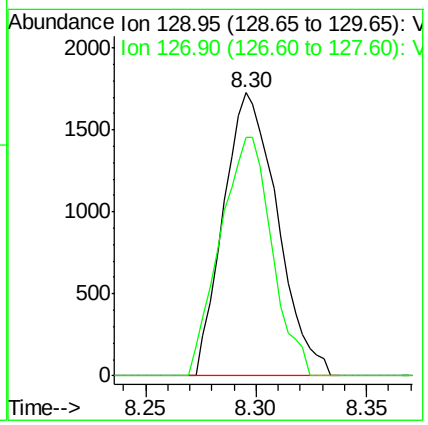


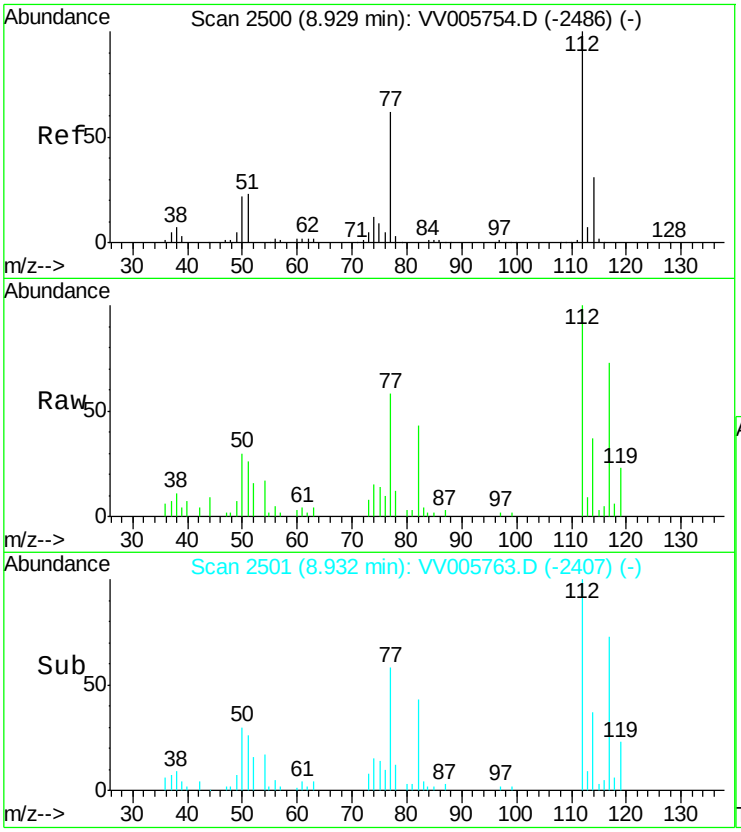


#49
Dibromochloromethane
Concen: 0.26 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion:129 Resp: 2939

Ion	Ratio	Lower	Upper
129	100		
127	84.4	56.6	105.2

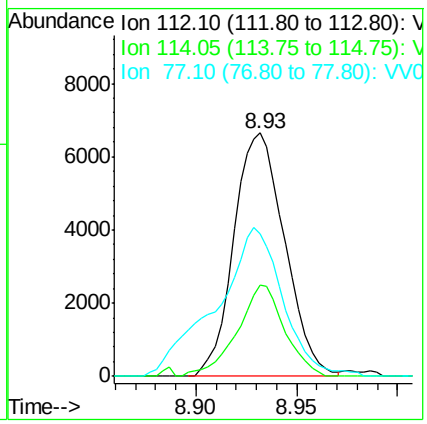


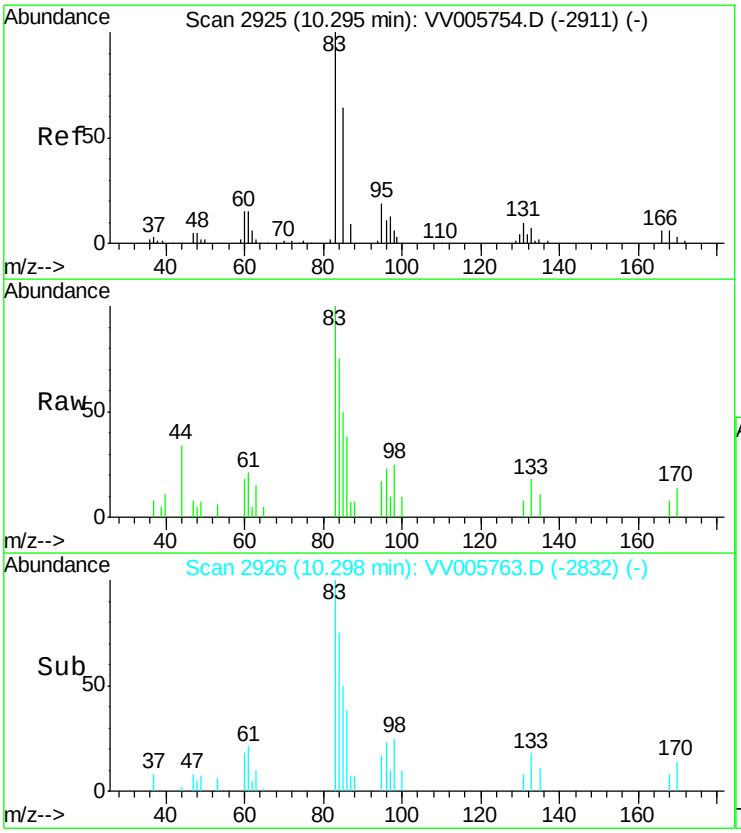


#51
Chlorobenzene
Concen: 0.29 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion:112 Resp: 11750

Ion	Ratio	Lower	Upper
112	100		
114	37.3	23.2	43.0
77	58.4	48.5	72.7

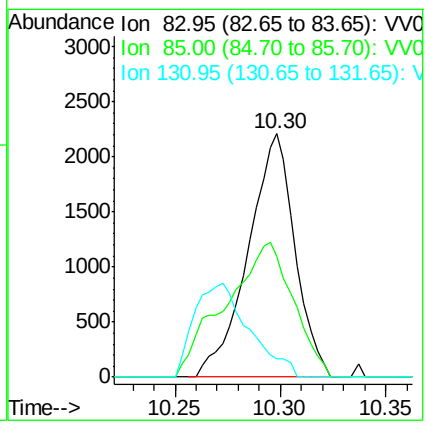


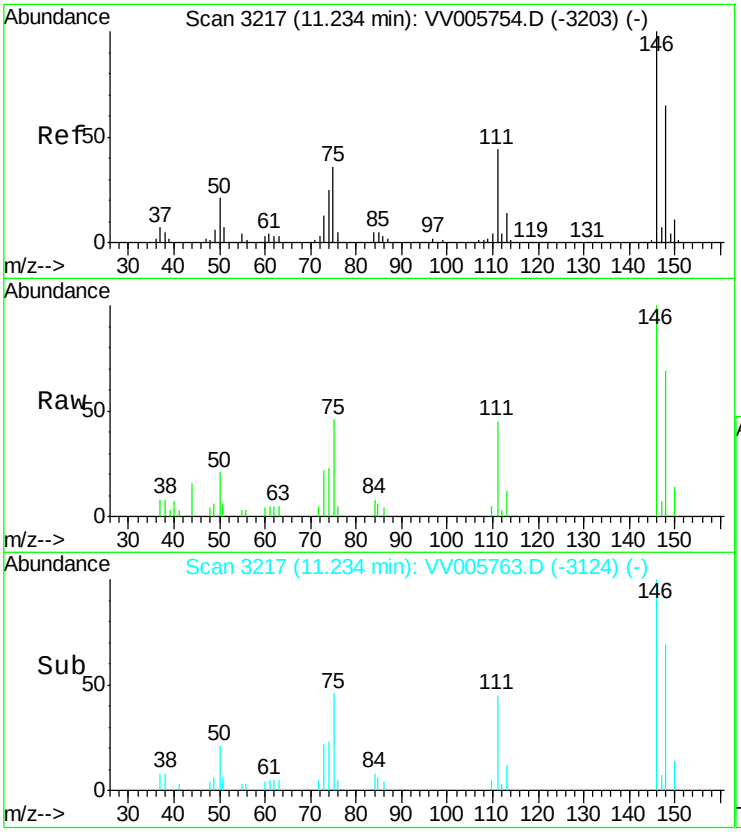


#58
1,1,2,2-Tetrachloroethane
Concen: 0.33 ug/L
RT: 10.30 min Scan# 2926
Delta R.T. 0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion: 83 Resp: 3404

Ion	Ratio	Lower	Upper
83	100		
85	49.8	44.2	82.2
131	7.6	8.3	12.5#

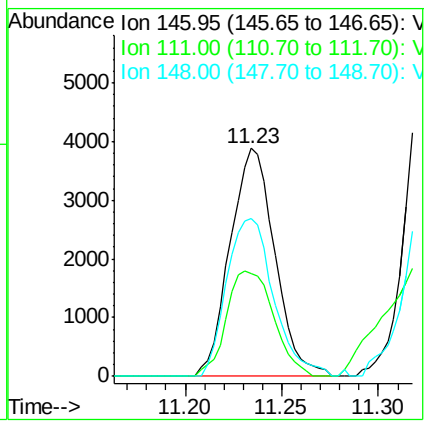


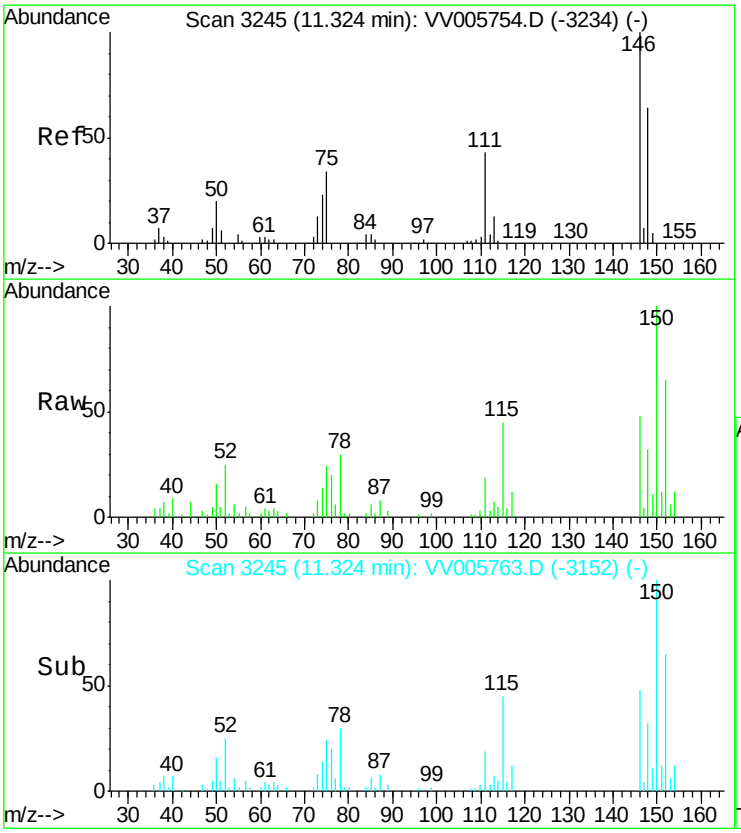


#62
1,3-Dichlorobenzene
Concen: 0.23 ug/L
RT: 11.23 min Scan# 3217
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion:146 Resp: 6257

Ion	Ratio	Lower	Upper
146	100		
111	44.9	29.8	55.4
148	69.4	44.4	82.4

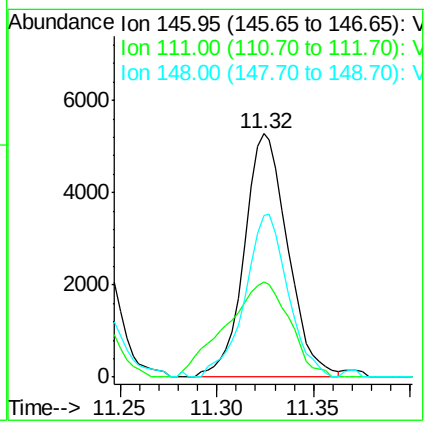


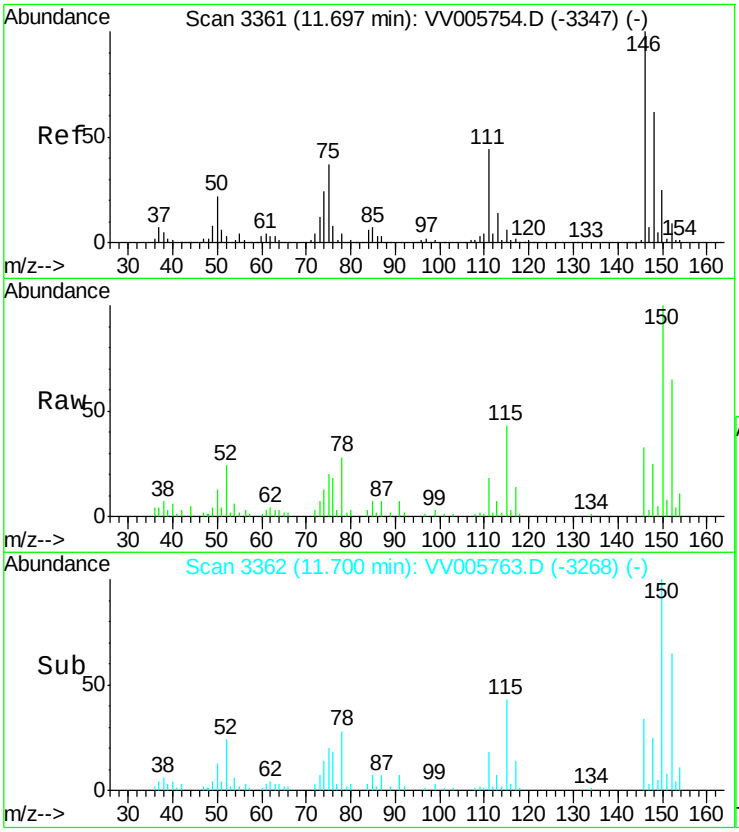


#63
1,4-Dichlorobenzene
Concen: 0.29 ug/L
RT: 11.32 min Scan# 3245
Delta R.T. -0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion:146 Resp: 8282

Ion	Ratio	Lower	Upper
146	100		
111	39.1	28.3	52.5
148	66.7	44.2	82.0

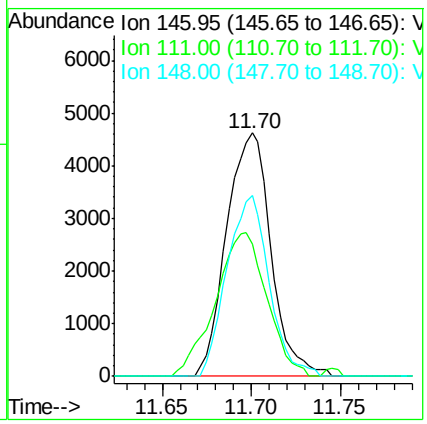


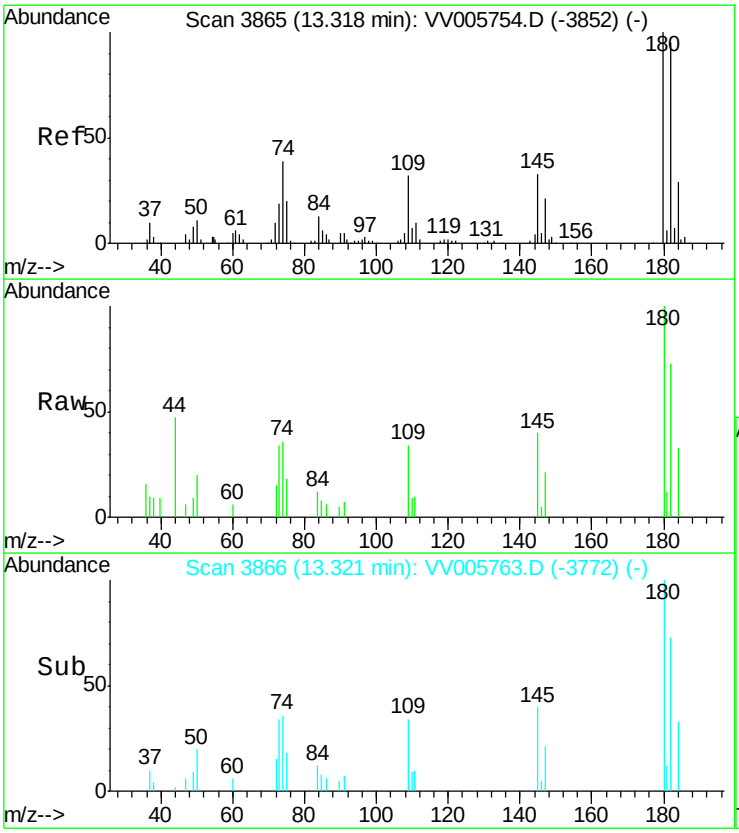


#65
1,2-Dichlorobenzene
Concen: 0.31 ug/L
RT: 11.70 min Scan# 3362
Delta R.T. 0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion:146 Resp: 8044

Ion	Ratio	Lower	Upper
146	100		
111	54.4	36.2	54.4#
148	74.1	50.2	75.2

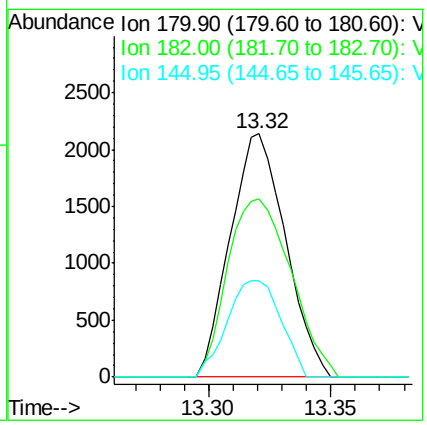


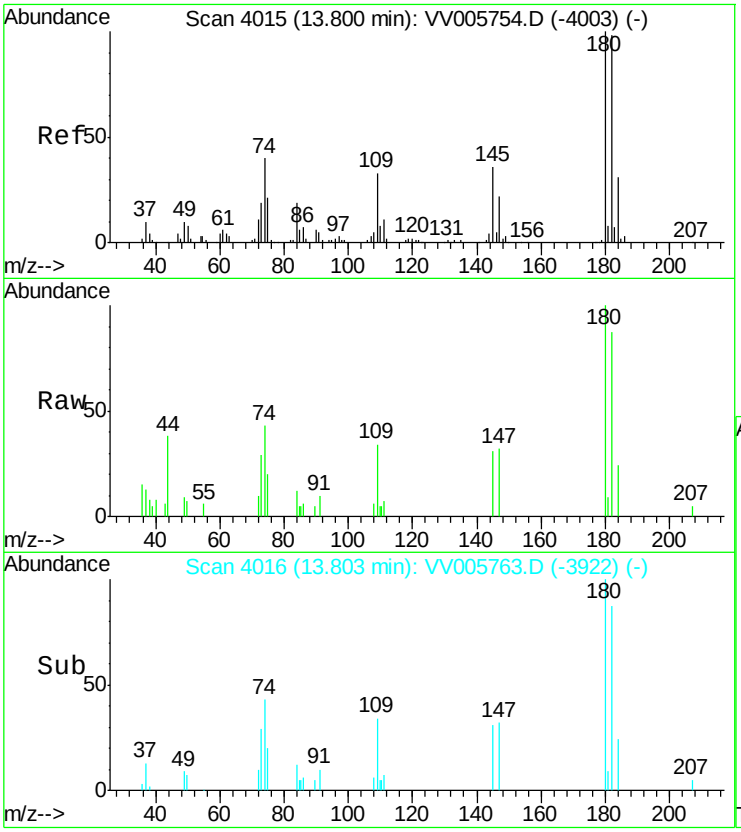


#68
1,2,4-trichlorobenzene
Concen: 0.23 ug/L
RT: 13.32 min Scan# 3866
Delta R.T. 0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion:180 Resp: 3364

Ion	Ratio	Lower	Upper
180	100		
182	84.0	77.2	115.8
145	38.5	27.7	41.5





#70
1,2,3-Trichlorobenzene
Concen: 0.24 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV005763.D
Acq: 03 May 2018 15:25

Tgt Ion:180 Resp: 3381

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.2
145	34.7	28.3	42.5