Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022118\
Data File : VX000121.D
Acq On : 21 Feb 2018 17:09
Operator : JC/MD
Sample : VX0221WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ClientSampleId :
VX0221WBL01

Quant Time: Feb 22 07:01:50 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	14436	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.87	114	89742	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	85774	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	35190	31.50	ug/l	-0.01
Spiked Amount 30.000	Range 50 - 169		Recovery = 105.00%			
60) 4-Bromofluorobenzene	11.15	95	39141	27.89	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.97%			
63) Toluene-d8	8.72	98	110854	30.17	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.57%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	292	0.30	ug/l #	54
11) Methyl Iodide	2.51	142	561	0.60	ug/l #	75
13) Acrolein	1.97	56	47	0.23	ug/l	94
15) Acetone	2.46	58	111	0.46	ug/l #	15
18) Methylene Chloride	2.85	84	296	0.28	ug/l #	80
23) tert-Butyl Alcohol	3.02	59	236	0.55	ug/l #	79
51) Ethyl methacrylate	8.73	69	392	0.24	ug/l #	66
56) Bromoform	11.15	173	238	0.25	ug/l #	1
72) 1,2,3-Trichloropropane	11.15	75	21609	13.35	ug/l	35
77) t-1,4-Dichloro-2-butene	11.15	75	21609	37.76	ug/l #	11

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

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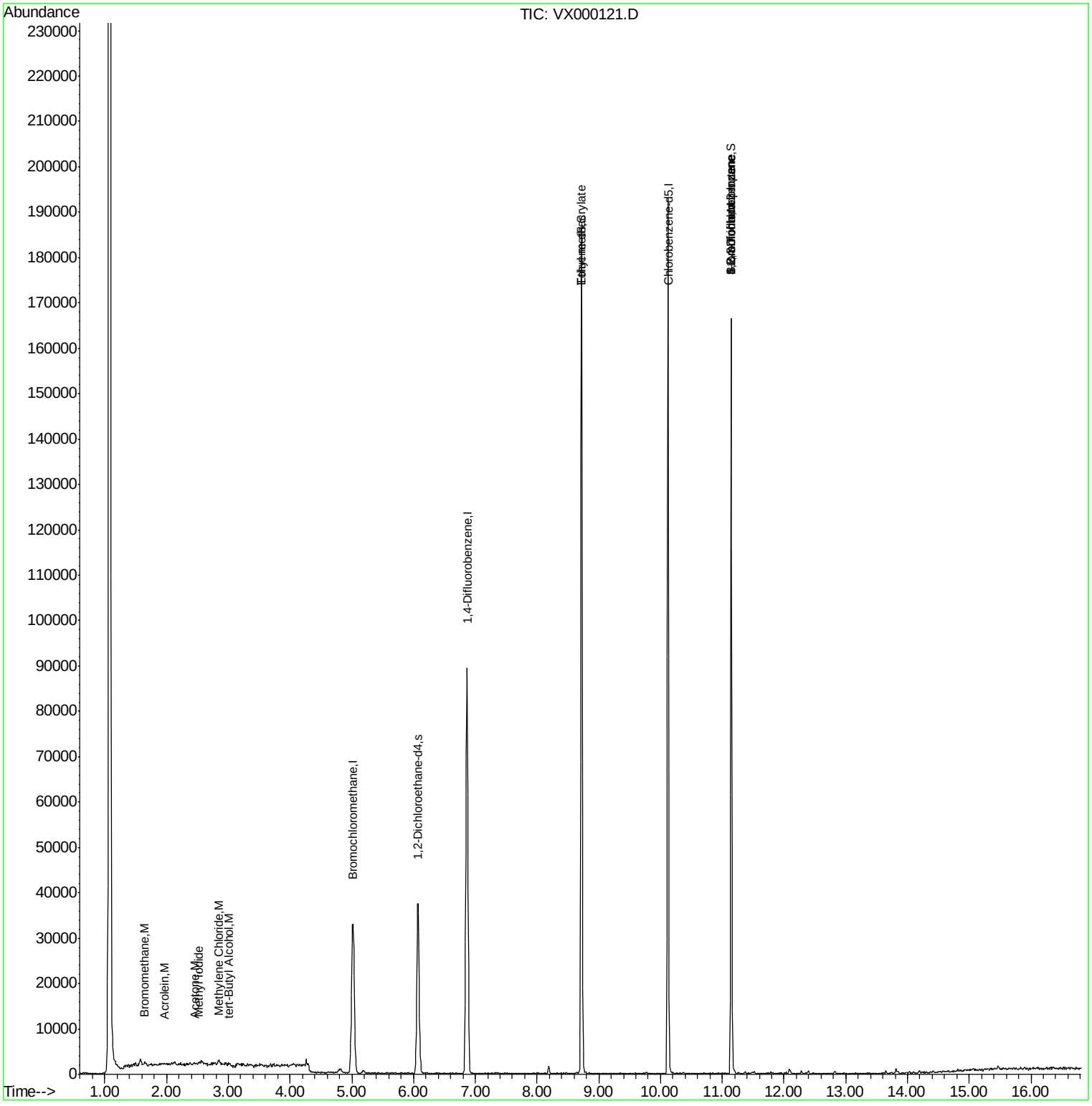
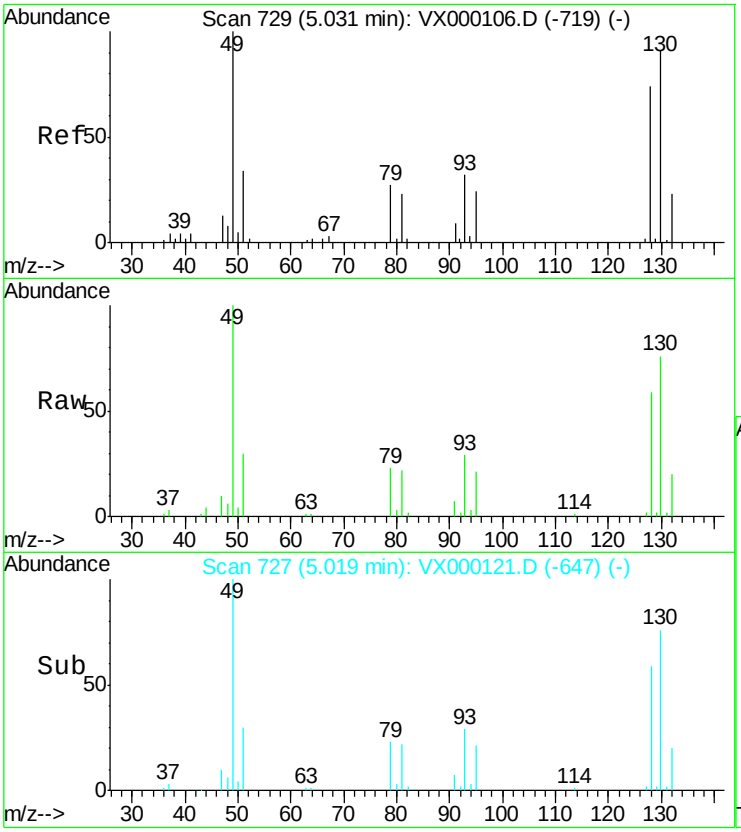


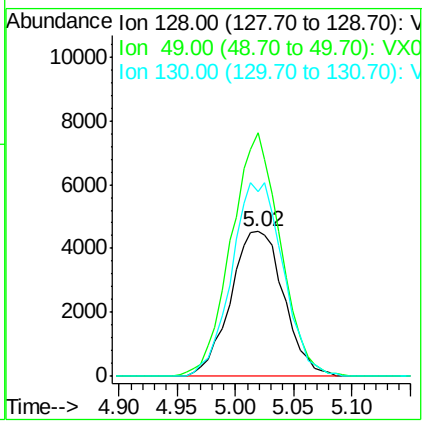


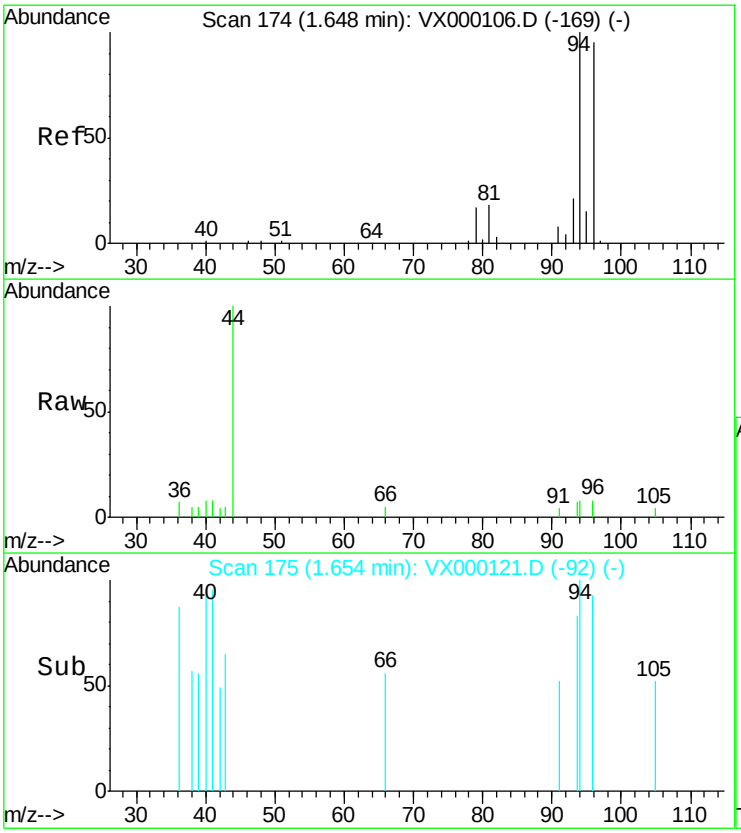
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Instrument :
ClientSampleId :
VX0221WBL01

Tgt Ion:128 Resp: 14436

Ion	Ratio	Lower	Upper
128	100		
49	155.3	0.0	378.3
130	129.5	0.0	324.3

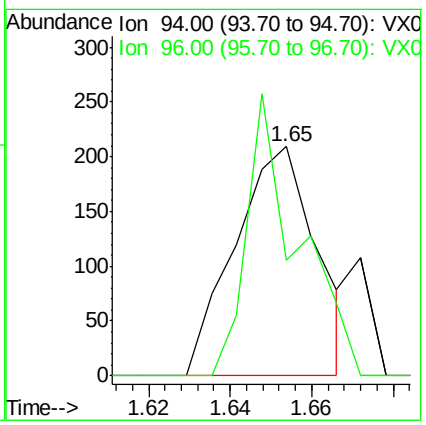


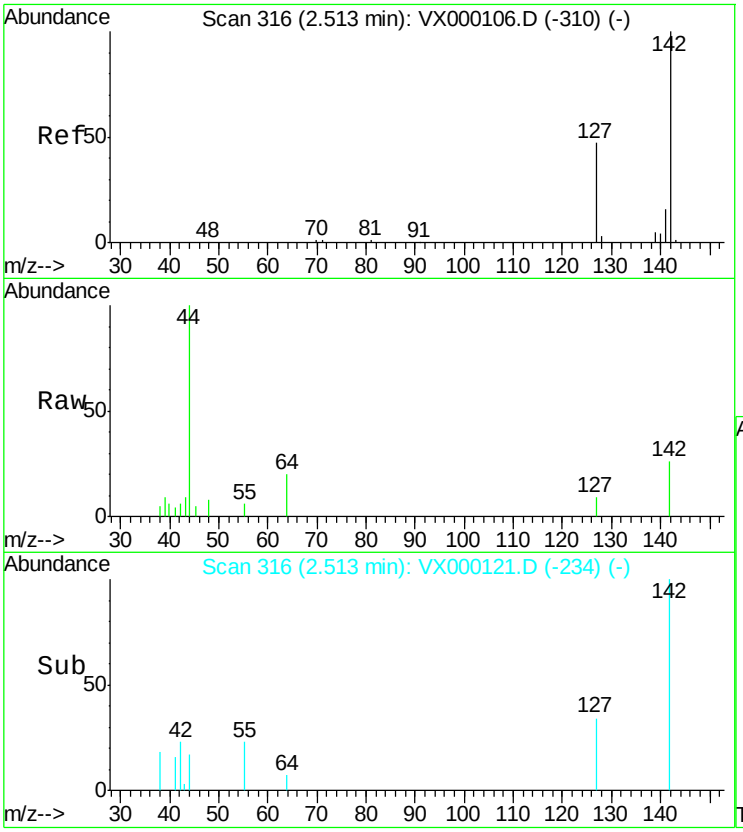


#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Tgt Ion: 94 Resp: 292

Ion	Ratio	Lower	Upper
94	100		
96	50.7	76.2	114.2#



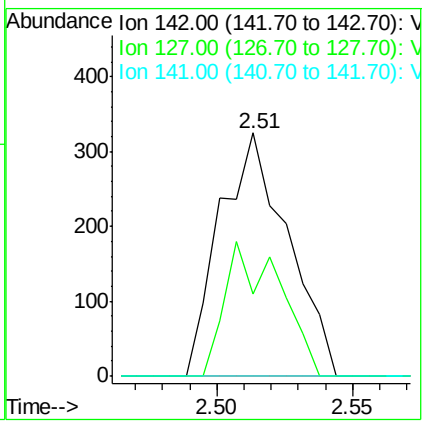


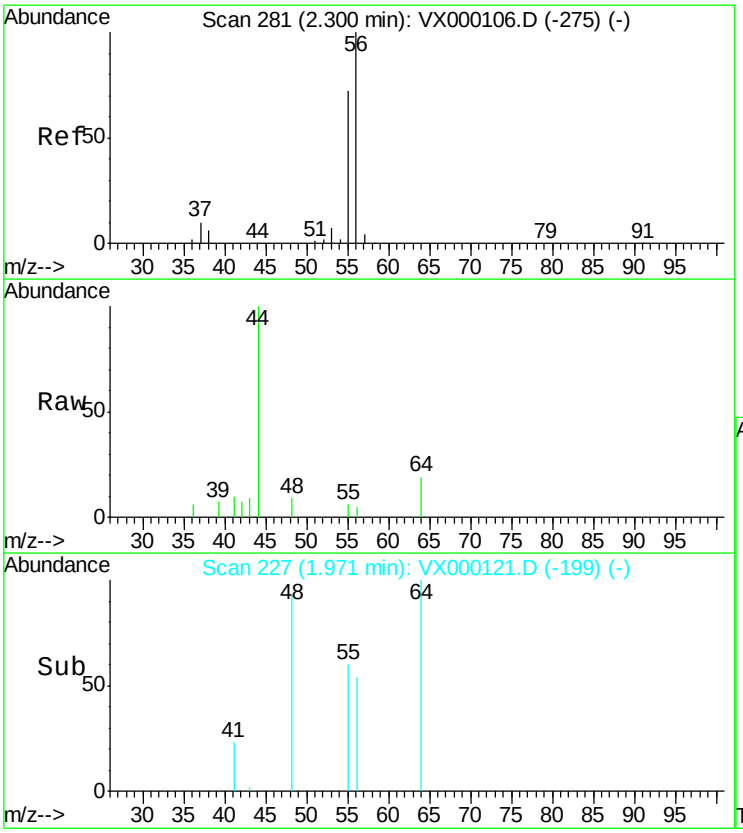
#11
Methyl Iodide
Concen: 0.60 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Instrument :
ClientSampleId :
VX0221WBL01

Tgt Ion:142 Resp: 561

Ion	Ratio	Lower	Upper
142	100		
127	33.5	23.8	71.5
141	0.0	8.2	24.4#

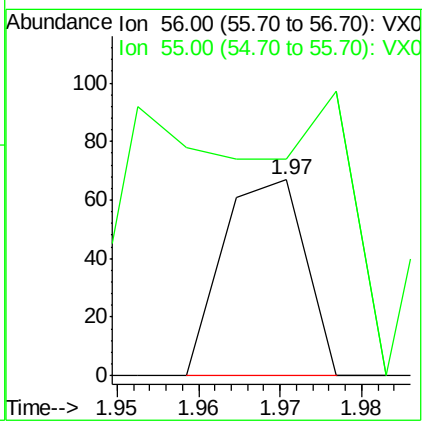


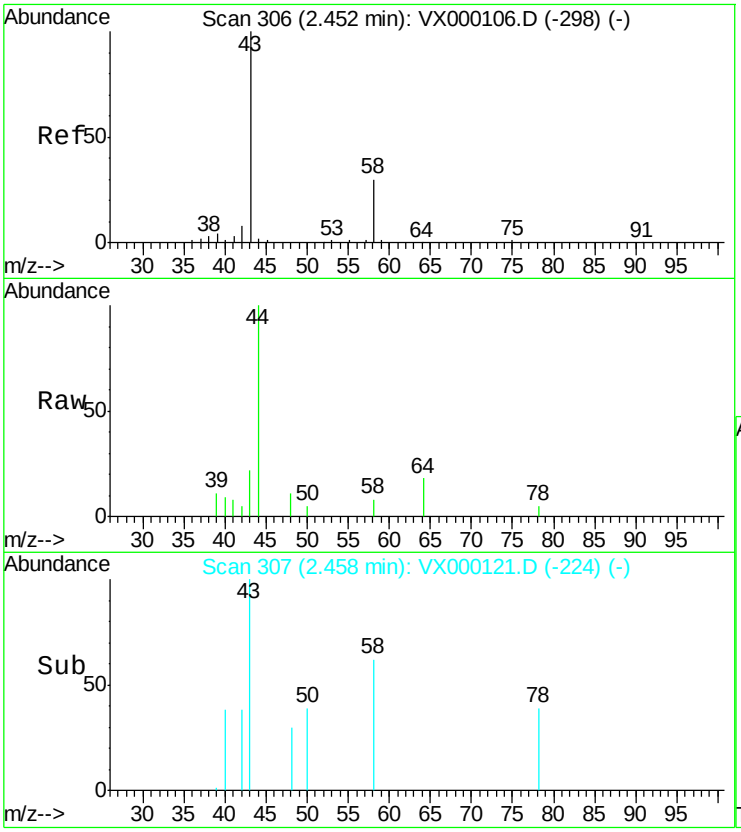


#13
Acrolein
Concen: 0.23 ug/l
RT: 1.97 min Scan# 227
Delta R.T. -0.33 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Tgt Ion: 56 Resp: 47

Ion	Ratio	Lower	Upper
56	100		
55	76.6	57.3	85.9



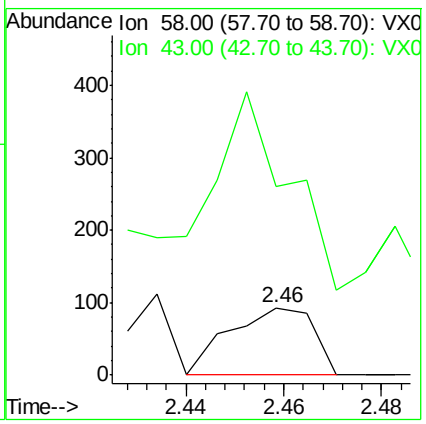


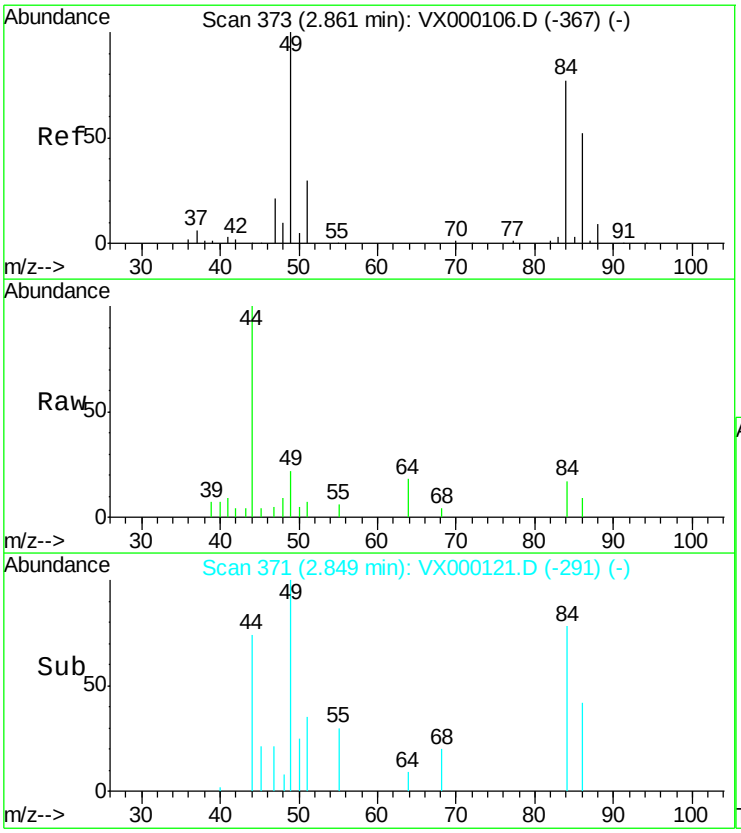
#15
Acetone
Concen: 0.46 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Instrument :
ClientSampleId :
VX0221WBL01

Tgt Ion: 58 Resp: 111

Ion	Ratio	Lower	Upper
58	100		
43	152.7	264.6	396.8#

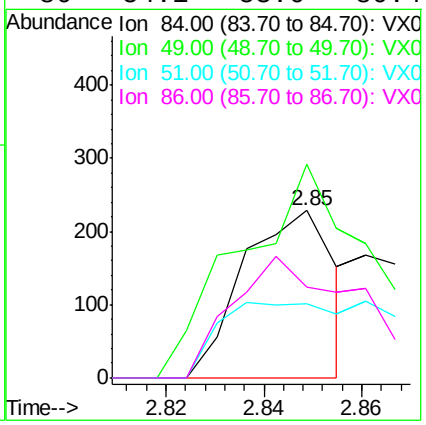


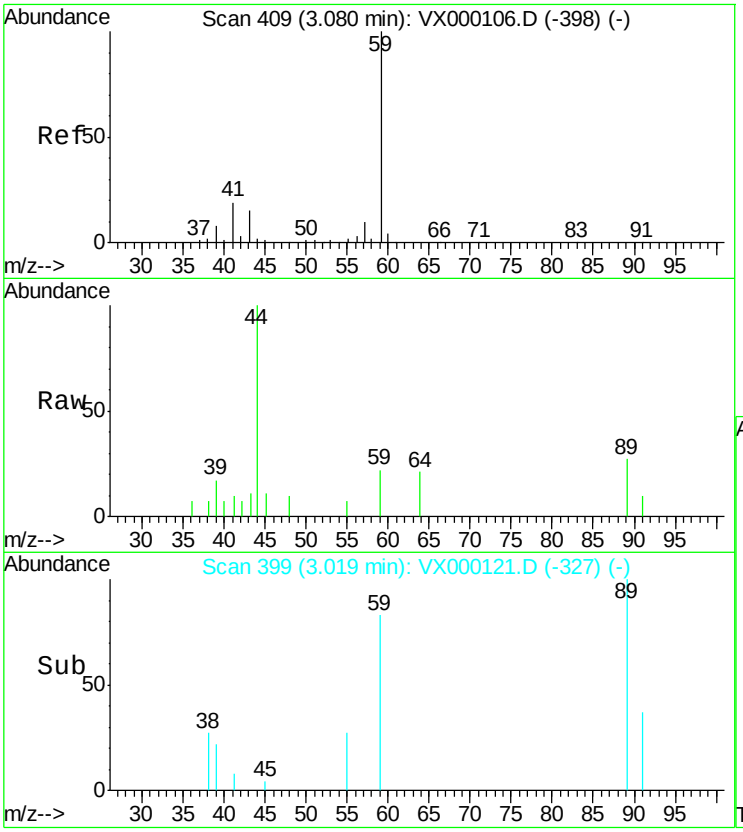


#18
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Tgt Ion: 84 Resp: 296

Ion	Ratio	Lower	Upper
84	100		
49	99.6	103.3	154.9#
51	44.1	31.2	46.8
86	54.1	53.6	80.4



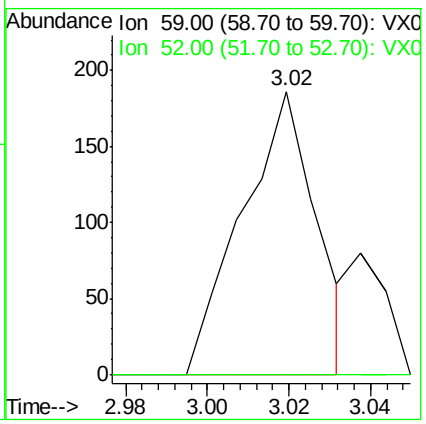


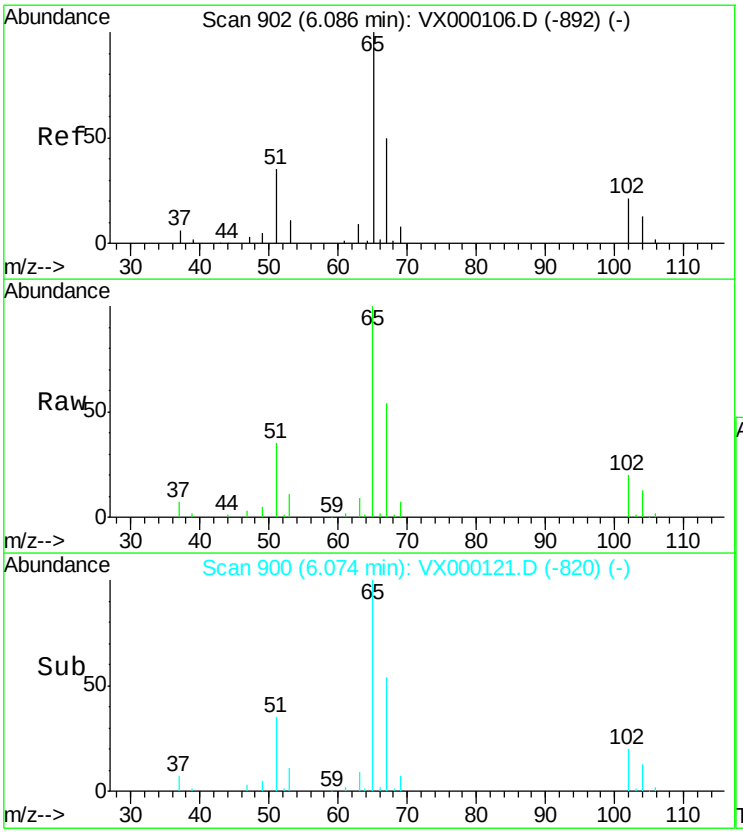
#23
tert-Butyl Alcohol
Concen: 0.55 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Instrument :
ClientSampleId :
VX0221WBL01

Tgt Ion: 59 Resp: 236

Ion	Ratio	Lower	Upper
59	100		
52	50.0	0.1	0.1#

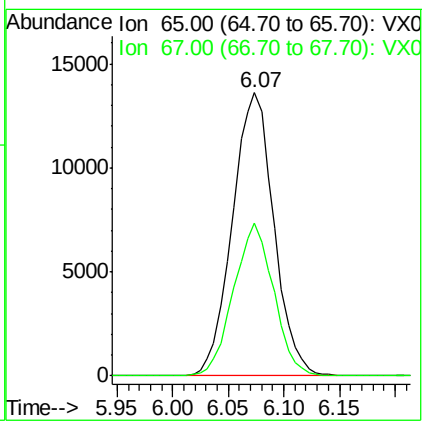


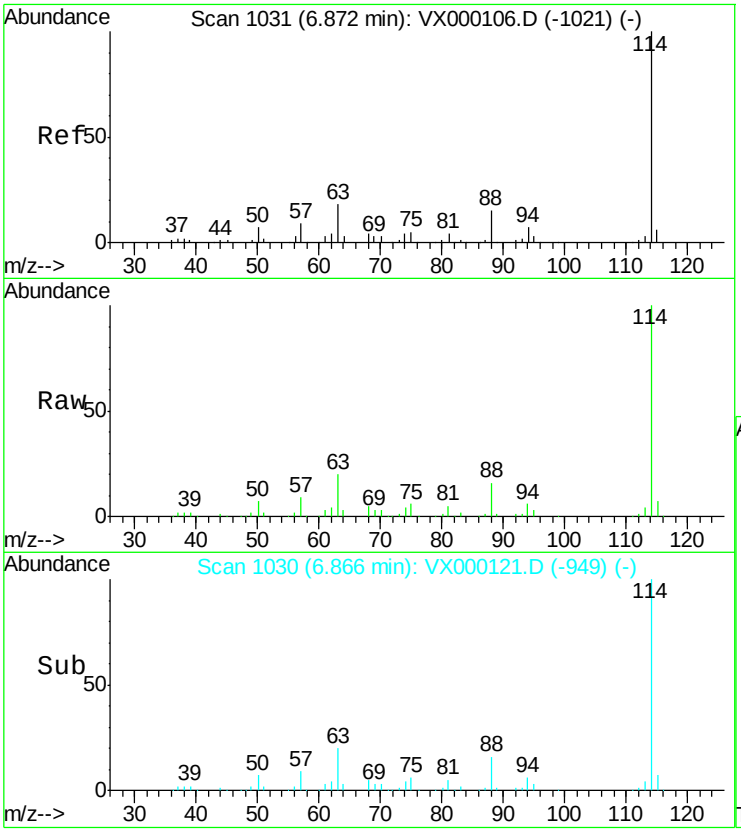


#27
1,2-Dichloroethane-d4
Concen: 31.50 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Tgt Ion: 65 Resp: 35190

Ion	Ratio	Lower	Upper
65	100		
67	52.0	41.4	62.2



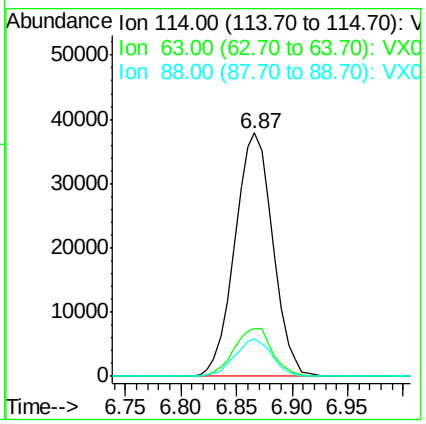


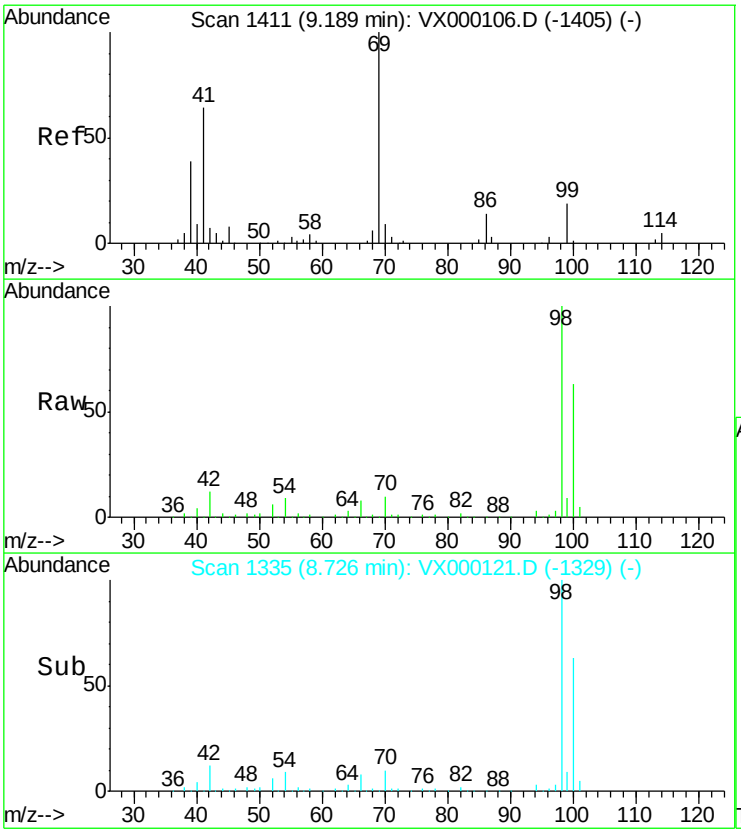
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Instrument :
ClientSampleId :
VX0221WBL01

Tgt Ion:114 Resp: 89742

Ion	Ratio	Lower	Upper
114	100		
63	19.8	15.0	22.4
88	15.0	11.8	17.8

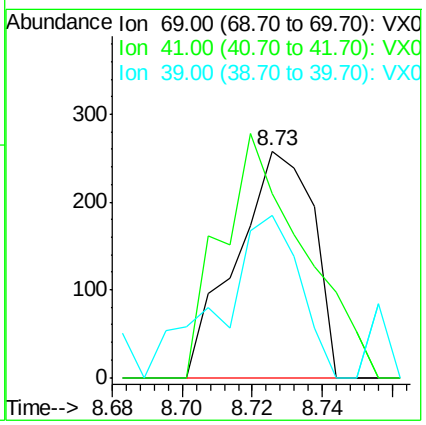


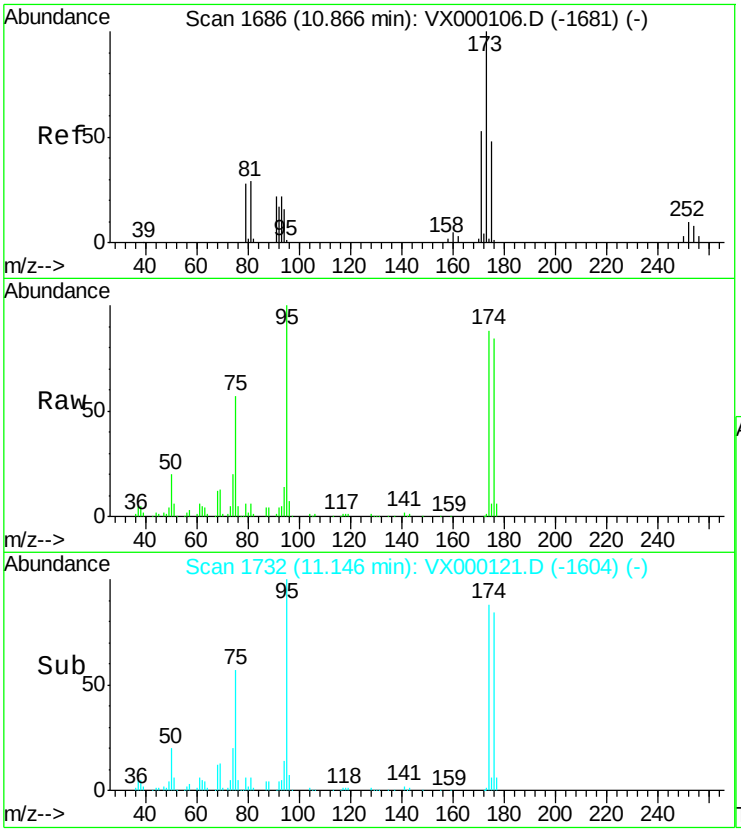


#51
Ethyl methacrylate
Concen: 0.24 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.46 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Tgt Ion: 69 Resp: 392

Ion	Ratio	Lower	Upper
69	100		
41	81.0	32.1	96.3
39	71.7	19.6	58.7#



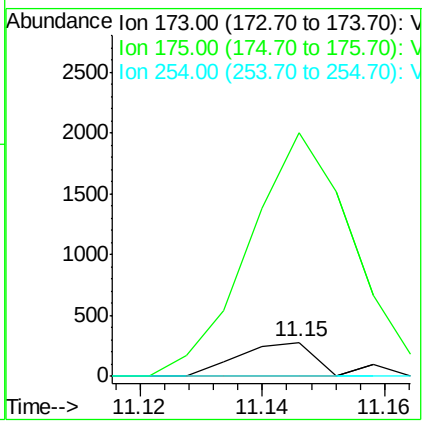


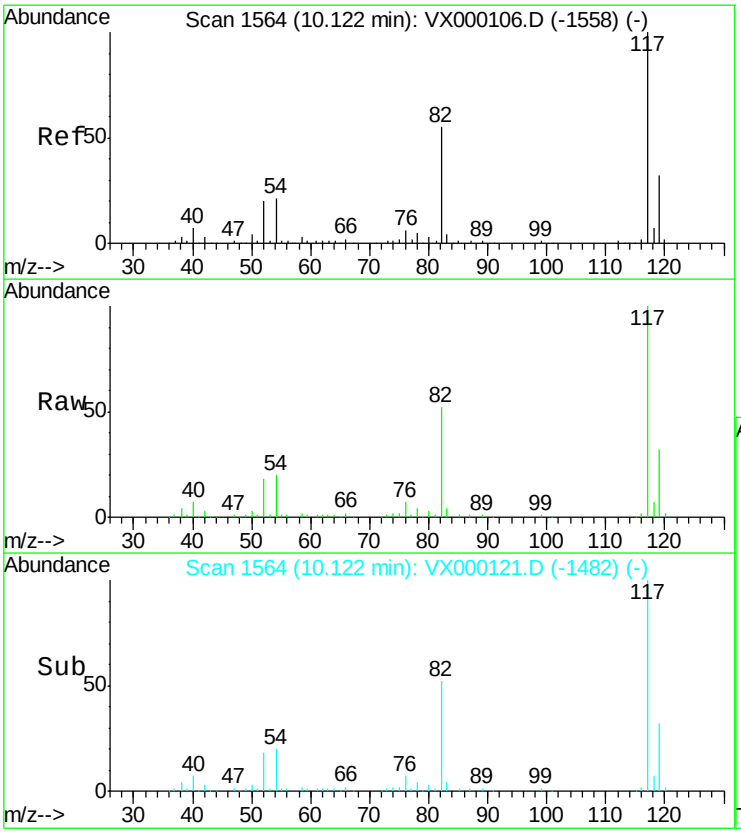
#56
Bromoform
Concen: 0.25 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.28 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Instrument :
ClientSampleId :
VX0221WBL01

Tgt Ion:173 Resp: 238

Ion	Ratio	Lower	Upper
173	100		
175	1024.4	39.0	58.4#
254	0.0	7.0	10.4#

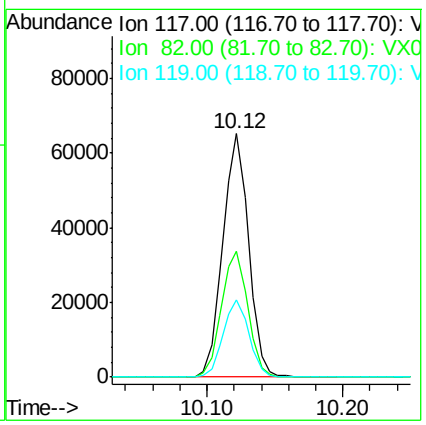


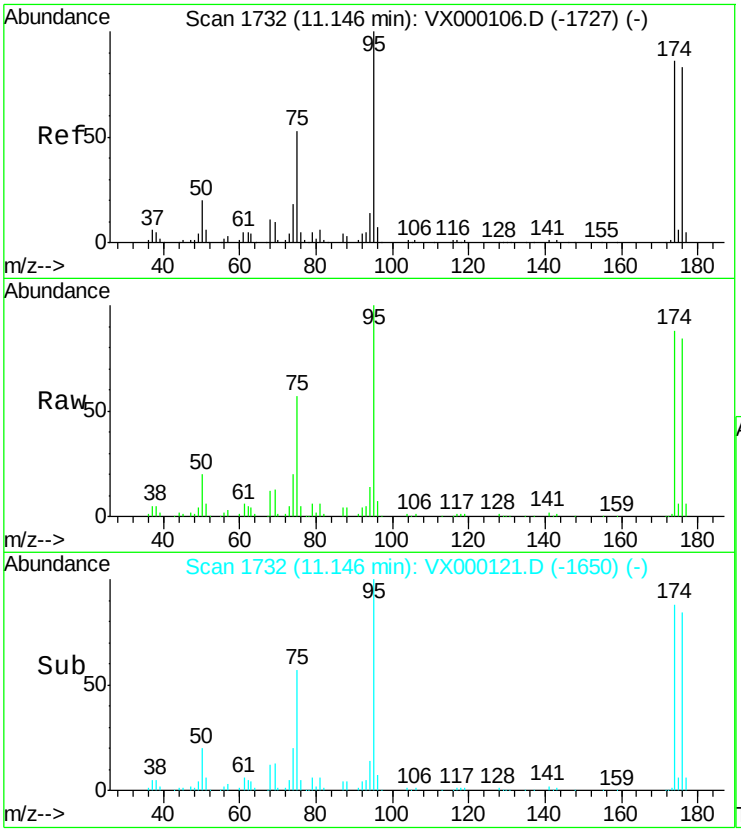


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Tgt Ion:117 Resp: 85774

Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	31.8	25.8	38.8



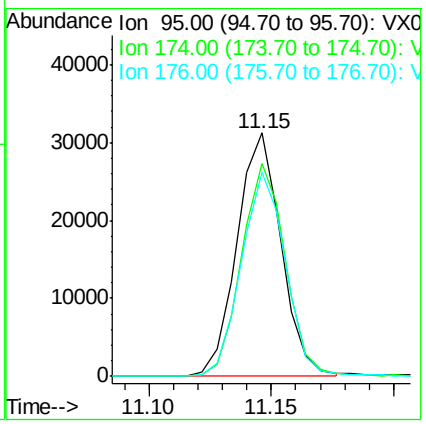


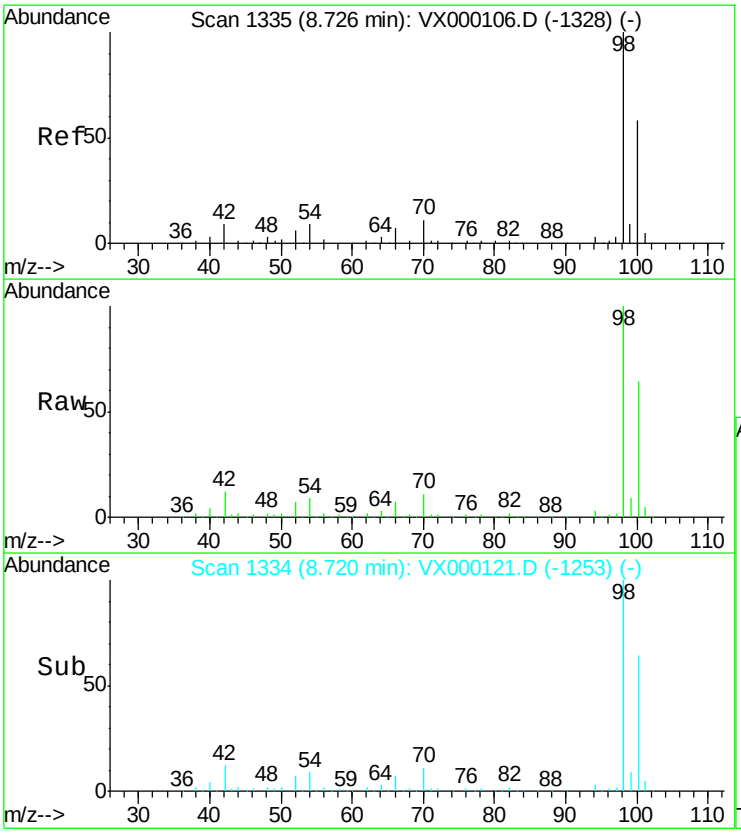
#60
4-Bromofluorobenzene
Concen: 27.89 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Instrument :
ClientSampleId :
VX0221WBL01

Tgt Ion: 95 Resp: 39141

Ion	Ratio	Lower	Upper
95	100		
174	87.3	71.1	106.7
176	83.9	69.3	103.9

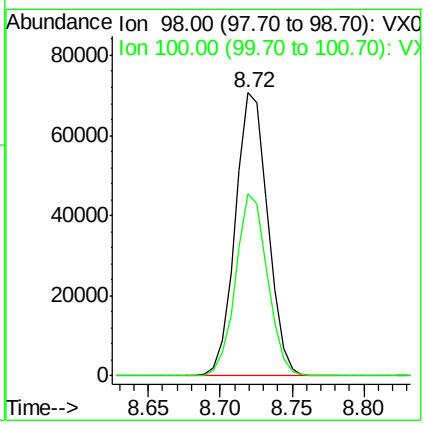


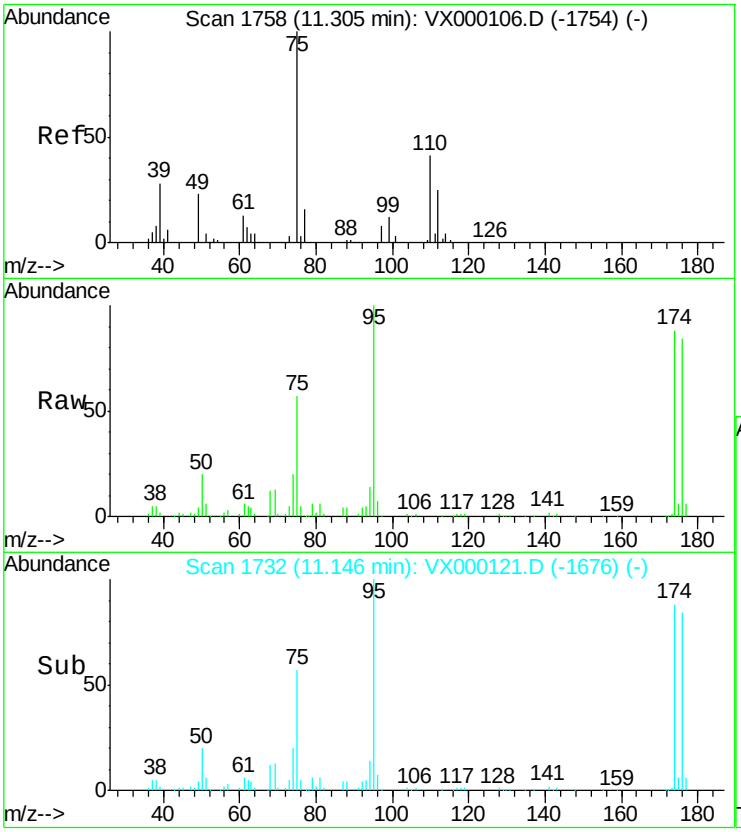


#63
Toluene-d8
Concen: 30.17 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Tgt Ion: 98 Resp: 110854

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.0	75.0



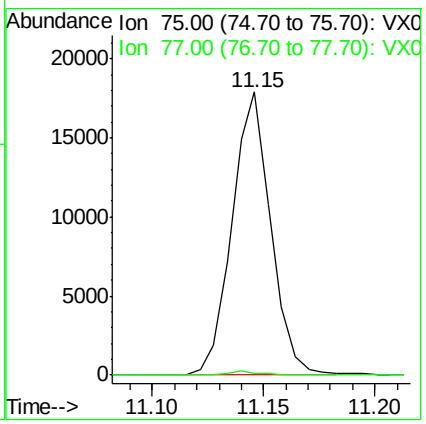


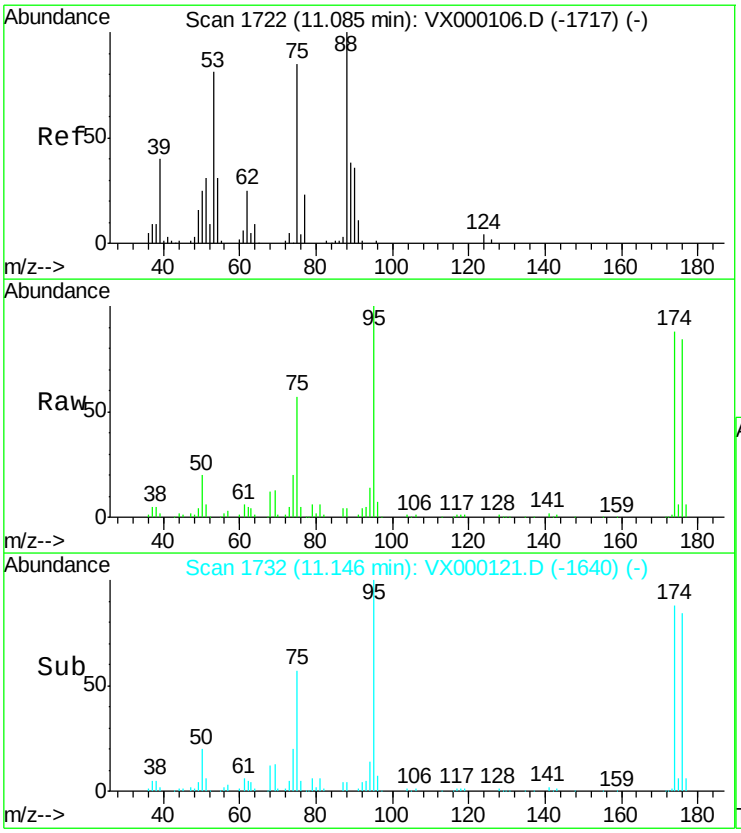
#72
1,2,3-Trichloropropane
Concen: 13.35 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Instrument :
ClientSampleId :
VX0221WBL01

Tgt Ion: 75 Resp: 21609

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	85.8





#77
t-1,4-Dichloro-2-butene
Concen: 37.76 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000121.D
Acq: 21 Feb 2018 17:09

Tgt Ion: 75 Resp: 21609

Ion	Ratio	Lower	Upper
75	100		
53	0.0	47.8	143.3#
89	0.0	22.3	66.8#