Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032218\

Quantitation Report (Not Reviewed)

Data File : VX000416.D
Acq On : 22 Mar 2018 19:28
Operator : JC/MD
Sample : J2005-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-13-031918

Quant Time: Mar 23 05:47:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	88478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	155662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	146329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	65900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	64460	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.62%			
35) Dibromofluoromethane	5.51	113	50043	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.04%			
50) Toluene-d8	8.73	98	188139	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.64%			
62) 4-Bromofluorobenzene	11.15	95	60311	36.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.96%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	707	0.69	ug/l #	88
6) Chloroethane	1.73	64	523	Below Cal	#	44
10) Methyl Iodide	2.52	142	53	4.32	ug/l #	37
11) Tert butyl alcohol	3.07	59	3364	8.47	ug/l	95
13) Acrolein	2.37	56	54	14.98	ug/l #	81
14) Allyl chloride	2.74	41	151	Below Cal	#	22
15) Acrylonitrile	3.21	53	548	0.68	ug/l #	25
16) Acetone	2.45	43	2171	2.26	ug/l	94
18) Methyl Acetate	2.78	43	446	0.22	ug/l #	51
19) Methyl tert-butyl Ether	3.21	73	31041	8.75	ug/l	98
20) Methylene Chloride	2.87	84	308	0.28	ug/l #	67
31) Cyclohexane	5.67	56	2259	1.55	ug/l #	59
36) 1,1-Dichloropropene	5.67	75	6816	4.67	ug/l #	53
38) Carbon Tetrachloride	5.67	117	8808	5.76	ug/l #	17
51) 4-Methyl-2-Pentanone	8.73	43	824	0.36	ug/l #	1
60) Dibromochloromethane	9.34	129	342	4.33	ug/l #	12
64) Tetrachloroethene	9.34	164	434	0.38	ug/l #	74
74) N-amyl acetate	6.45	43	49	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	34263	24.19	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.15	75	34263	78.33	ug/l #	9

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

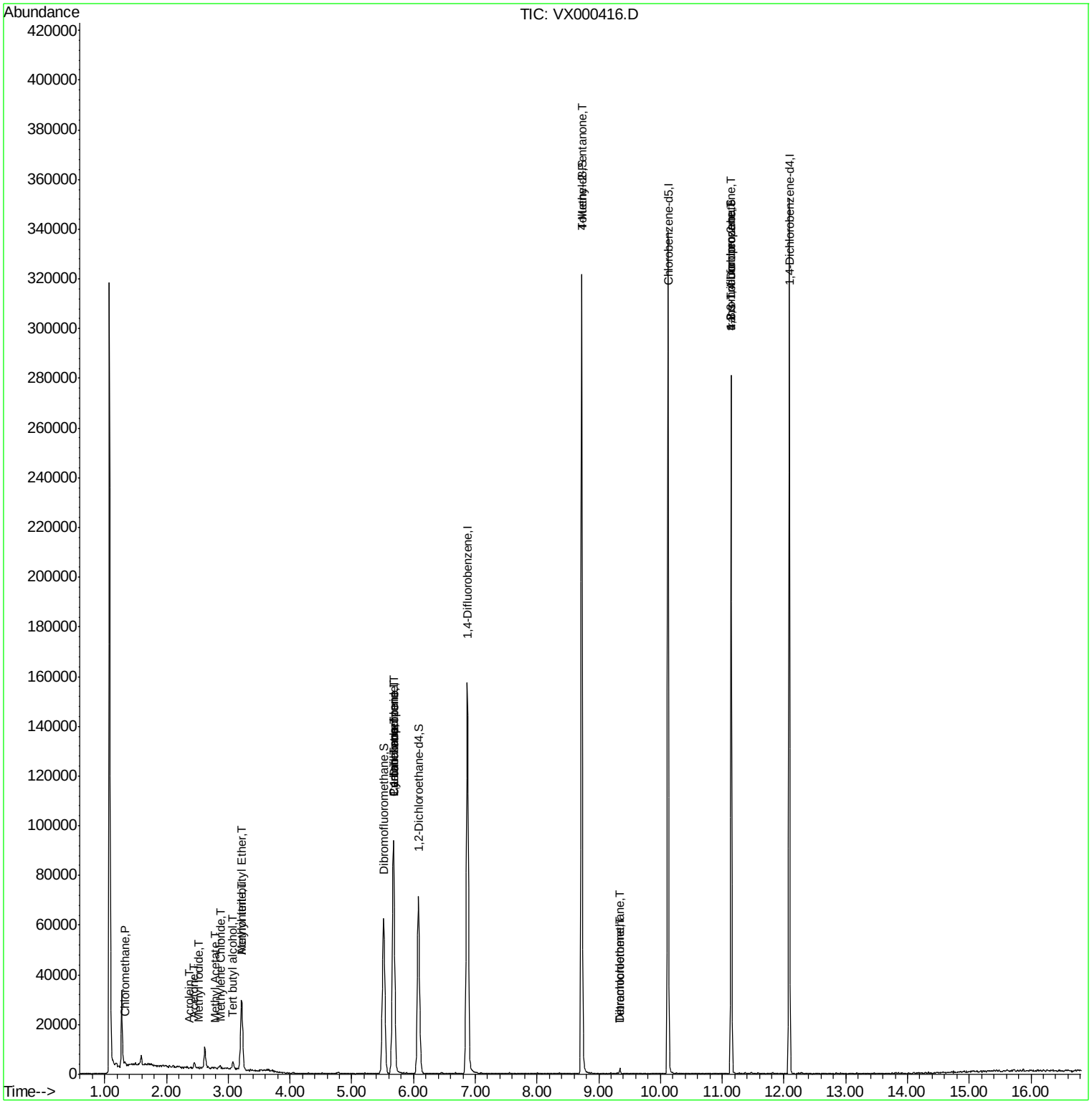
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032218\

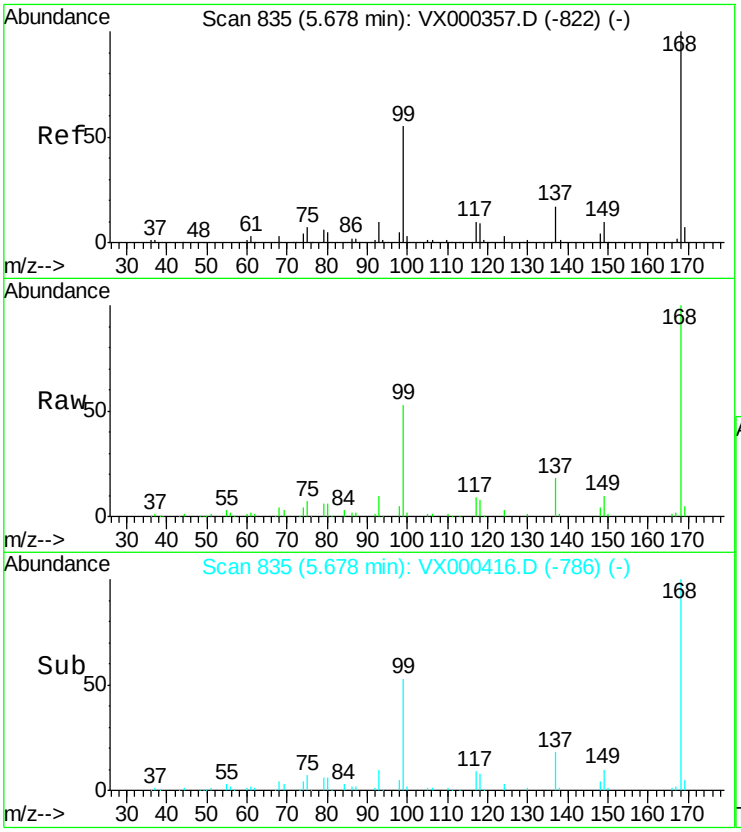
Quantitation Report (Not Reviewed)

Data File : VX000416.D
Acq On : 22 Mar 2018 19:28
Operator : JC/MD
Sample : J2005-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Quant Time: Mar 23 05:47:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration



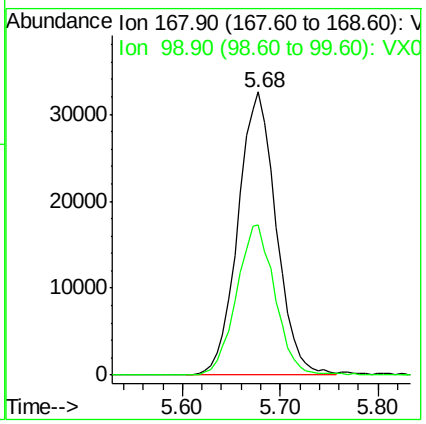


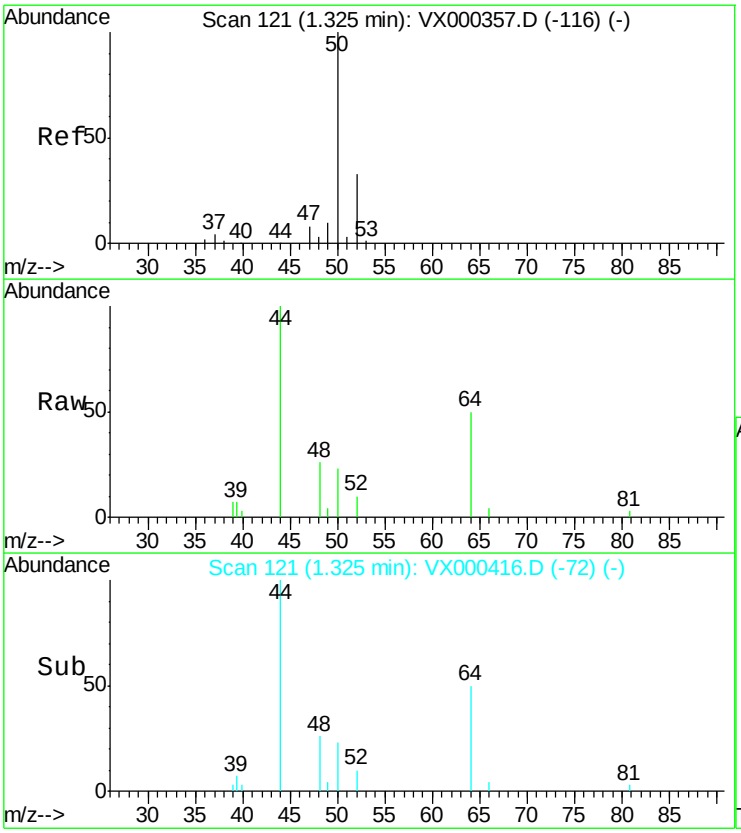
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion:168 Resp: 88478

Ion	Ratio	Lower	Upper
168	100		
99	53.0	45.8	68.6

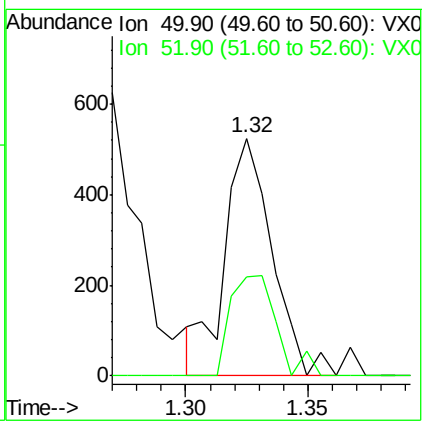


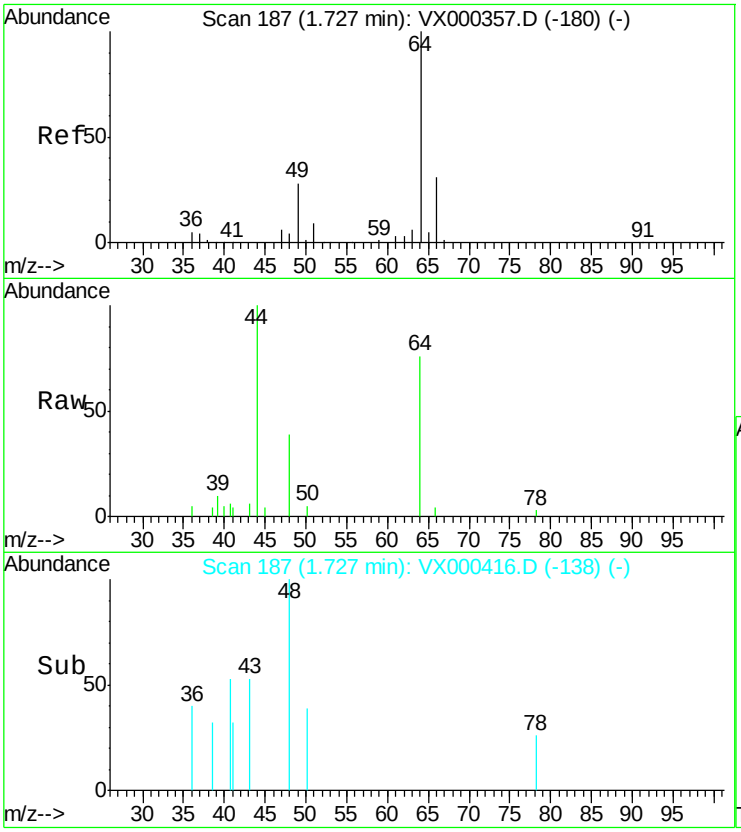


#3
Chloromethane
Concen: 0.69 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion: 50 Resp: 707

Ion	Ratio	Lower	Upper
50	100		
52	41.5	27.5	41.3#



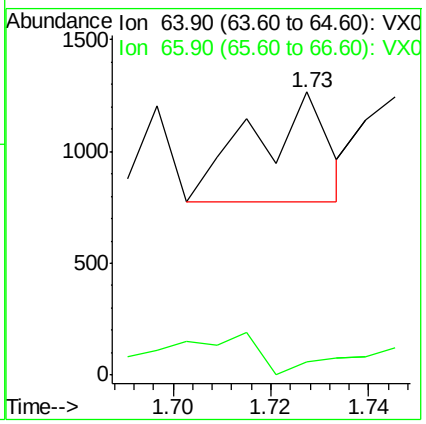


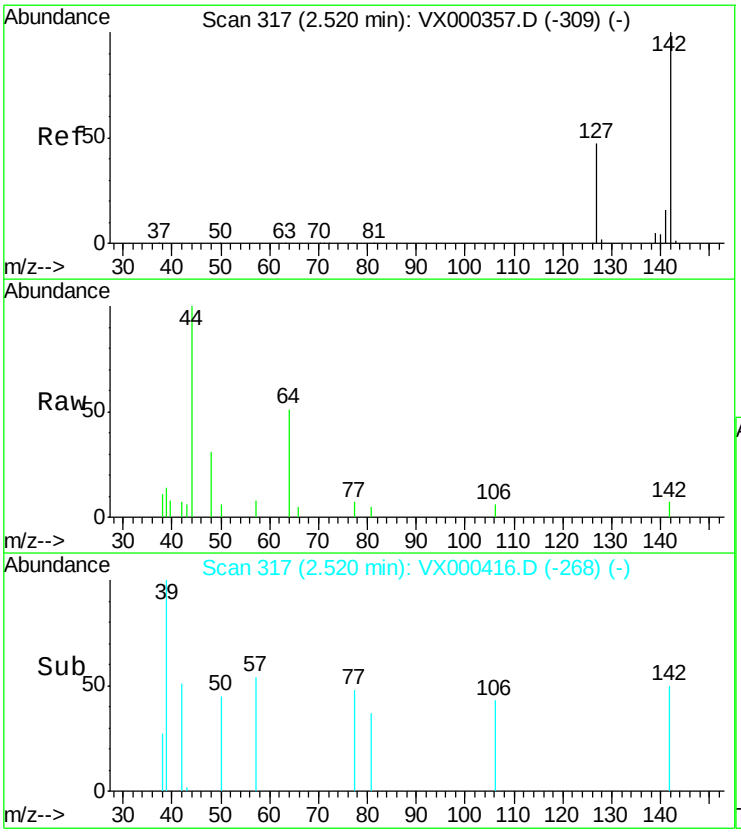
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion: 64 Resp: 523

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

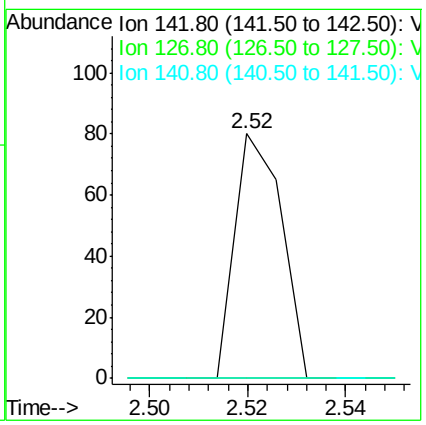


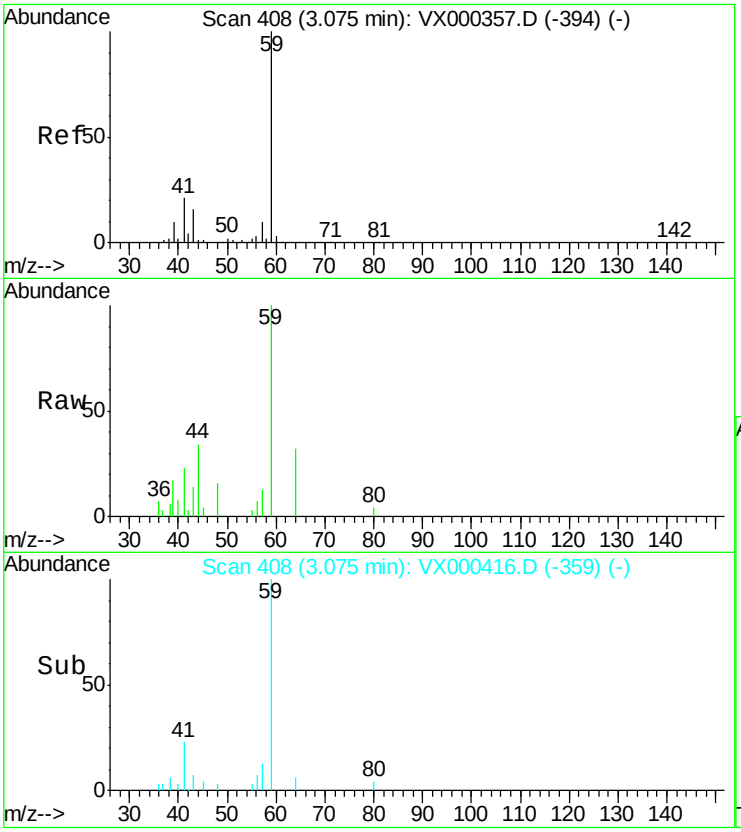


#10
Methyl Iodide
Concen: 4.32 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion:142 Resp: 53

Ion	Ratio	Lower	Upper
142	100		
127	0.0	39.2	58.8#
141	0.0	11.7	17.5#



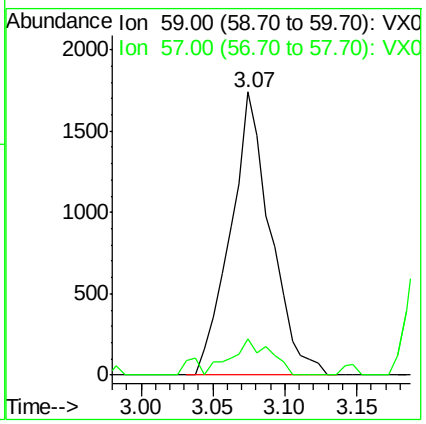


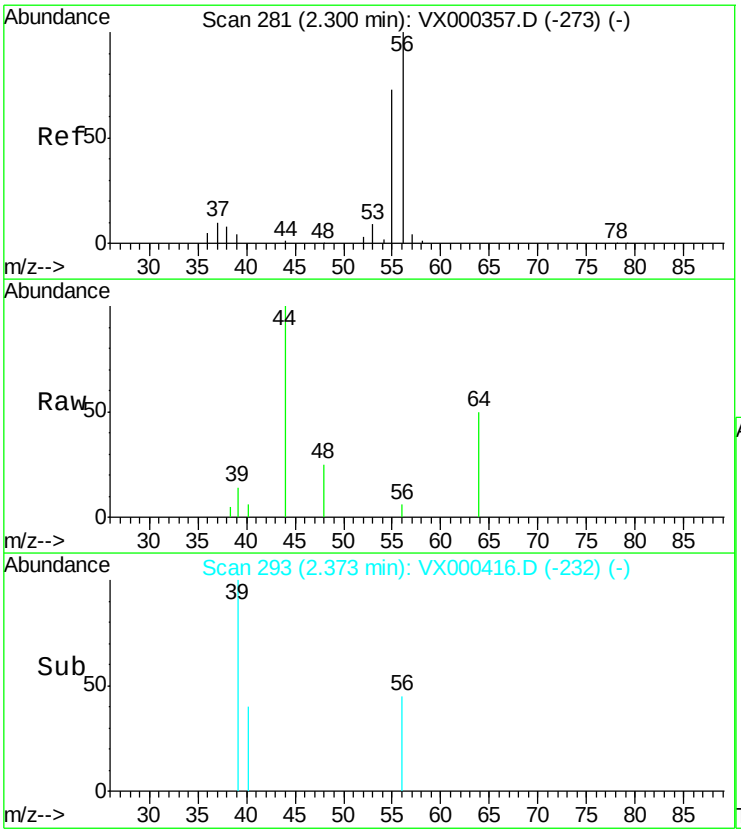
#11
Tert butyl alcohol
Concen: 8.47 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion: 59 Resp: 3364

Ion	Ratio	Lower	Upper
59	100		
57	12.4	8.4	12.6

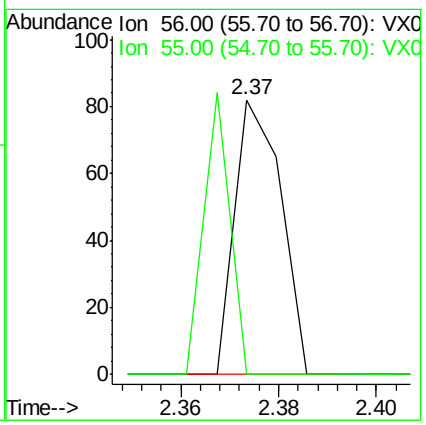


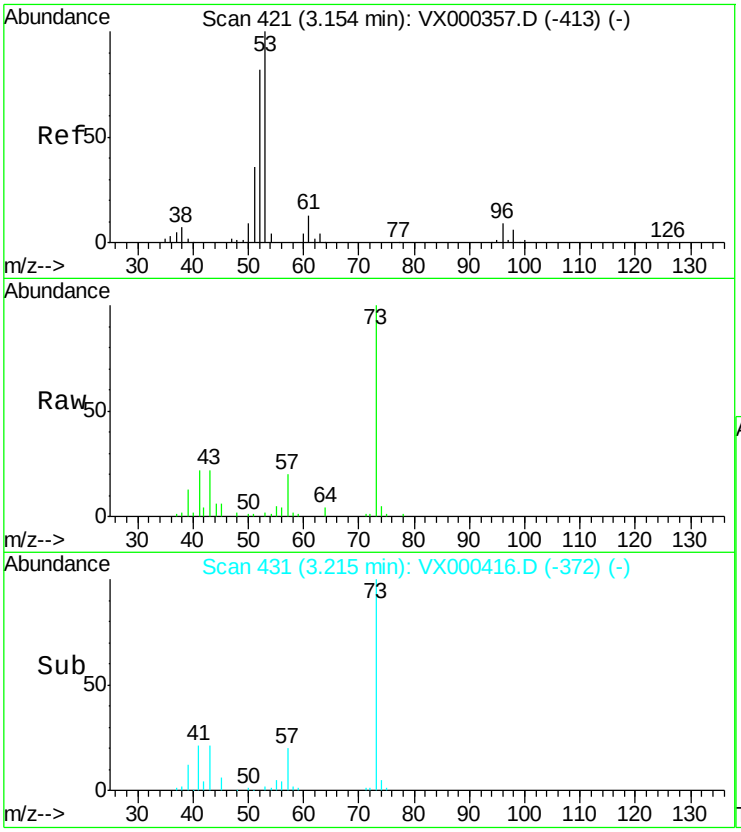


#13
Acrolein
Concen: 14.98 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.07 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion: 56 Resp: 54

Ion	Ratio	Lower	Upper
56	100		
55	57.4	58.8	88.2#



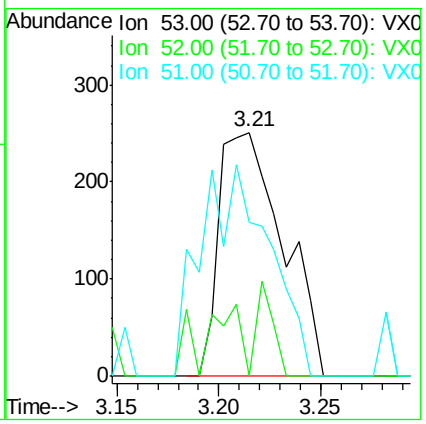


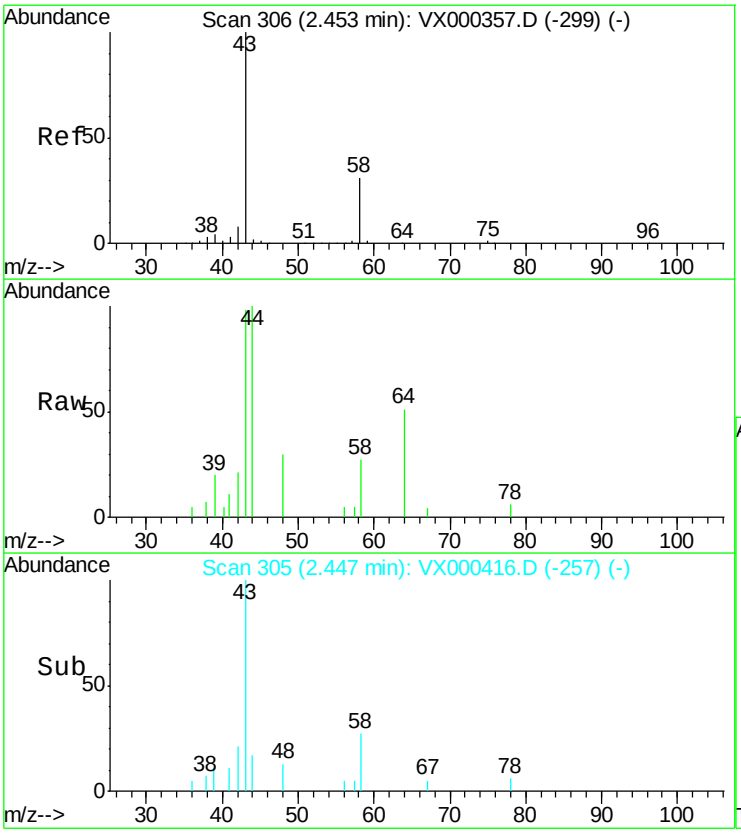
#15
Acrylonitrile
Concen: 0.68 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.06 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion: 53 Resp: 548

Ion	Ratio	Lower	Upper
53	100		
52	10.2	66.6	99.8#
51	0.0	29.3	43.9#

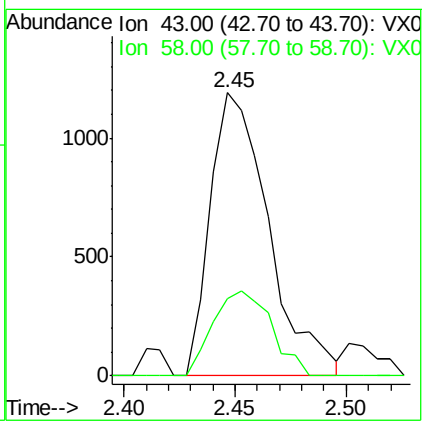


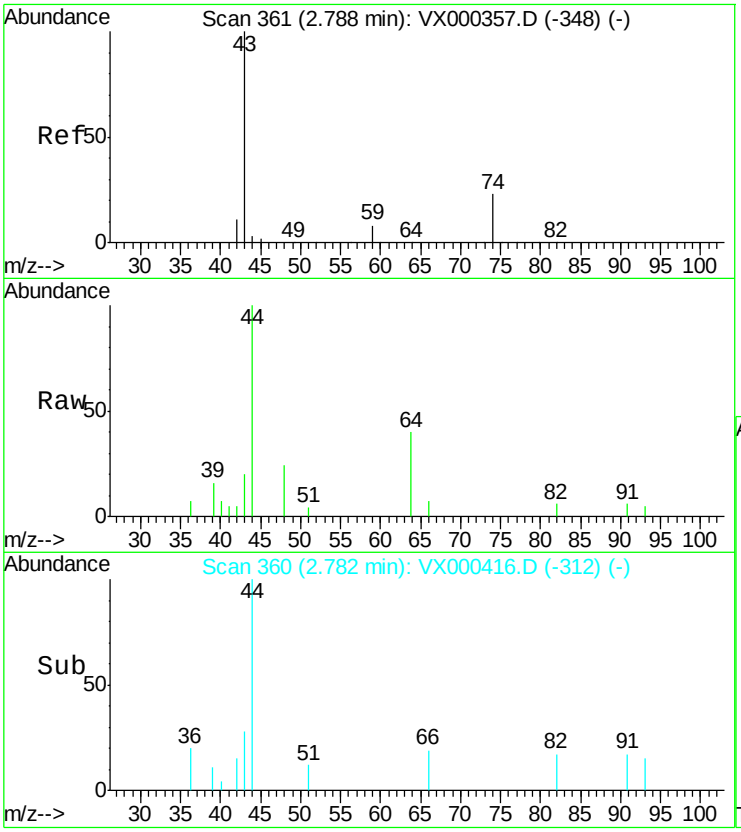


#16
Acetone
Concen: 2.26 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion: 43 Resp: 2171

Ion	Ratio	Lower	Upper
43	100		
58	27.4	24.7	37.1



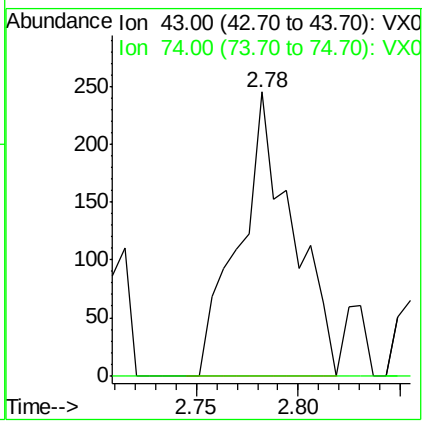


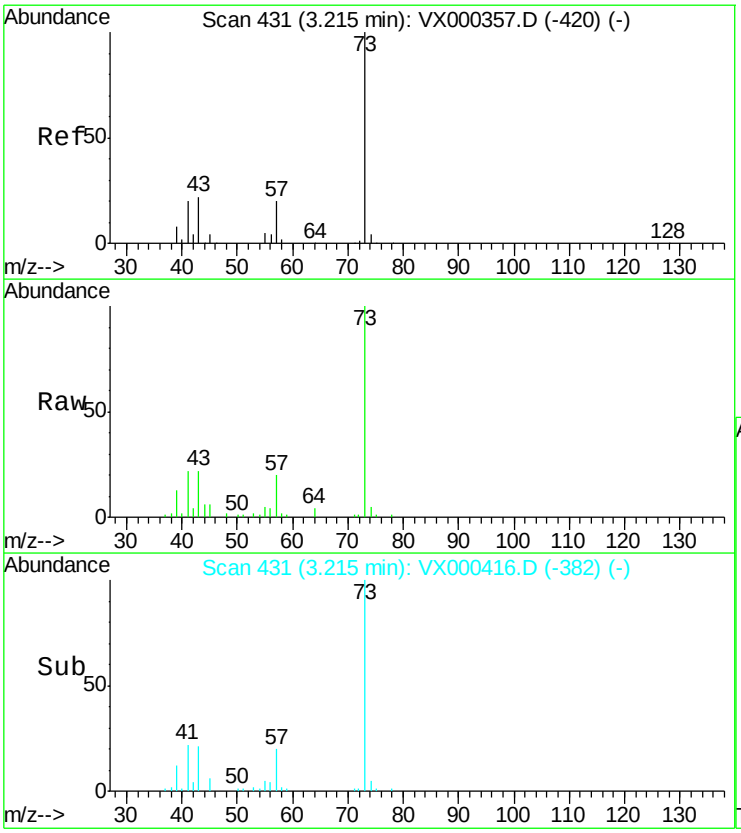
#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument : MSVOA_X
ClientSampleId : MW-13-031918

Tgt Ion: 43 Resp: 446

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#

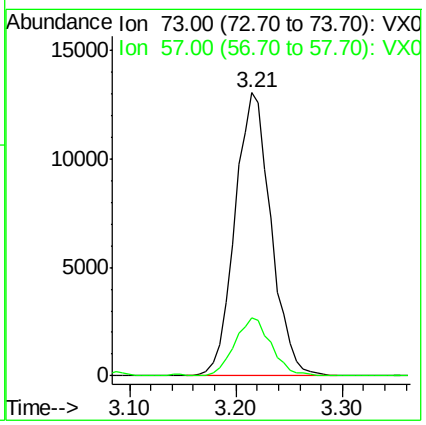


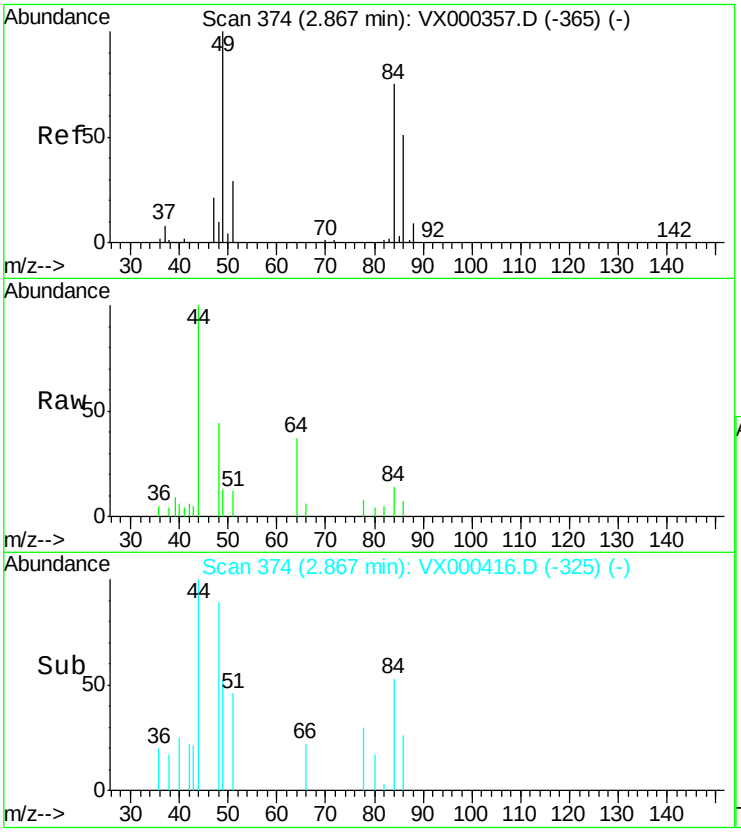


#19
Methyl tert-butyl Ether
Concen: 8.75 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion: 73 Resp: 31041

Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.2	25.8



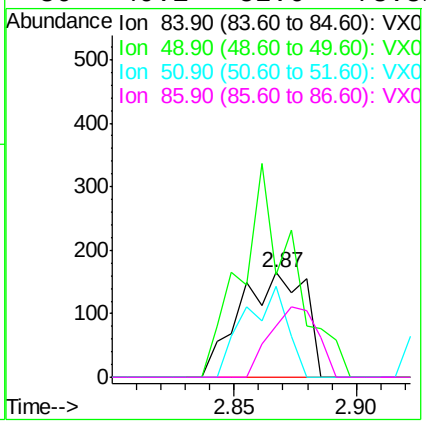


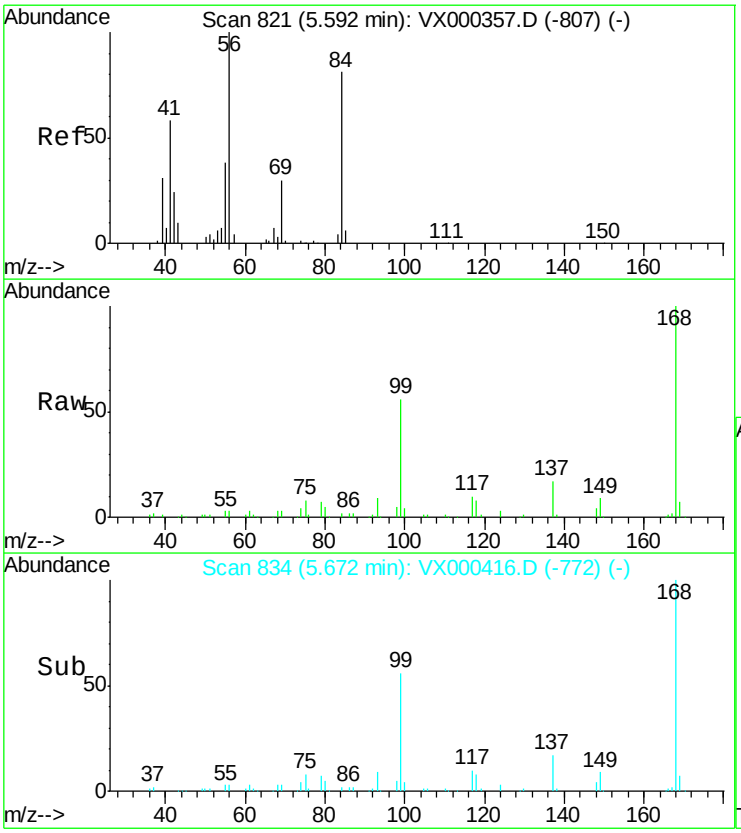
#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion: 84 Resp: 308

Ion	Ratio	Lower	Upper
84	100		
49	97.6	100.6	151.0#
51	86.7	31.6	47.4#
86	49.1	52.6	78.8#

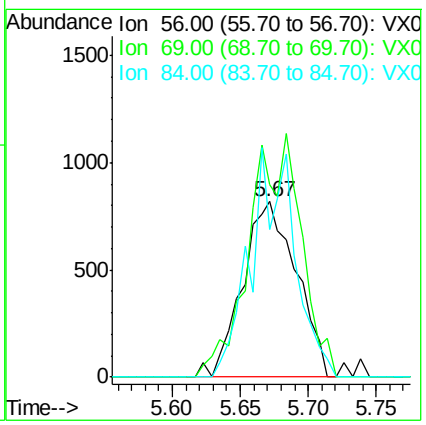


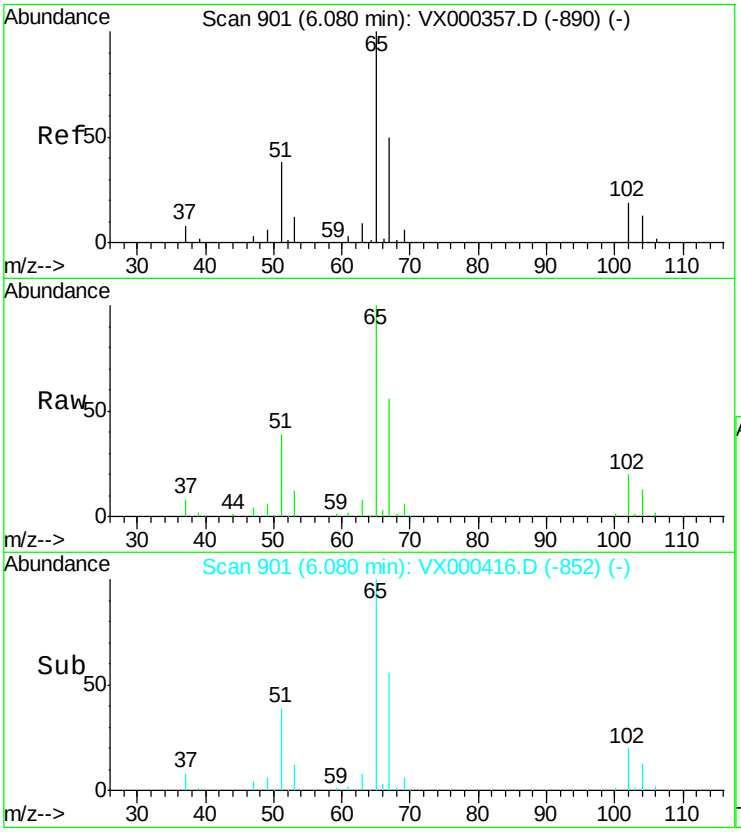


#31
Cyclohexane
Concen: 1.55 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.08 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion: 56 Resp: 2259

Ion	Ratio	Lower	Upper
56	100		
69	109.6	23.4	35.0#
84	83.8	71.0	106.4



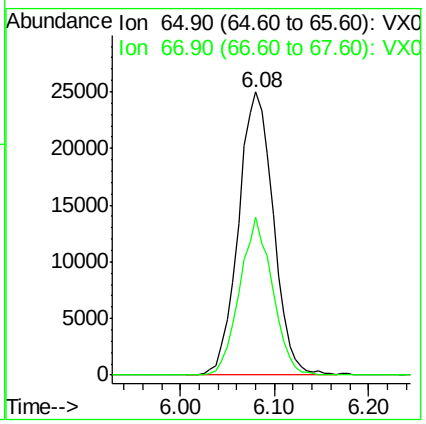


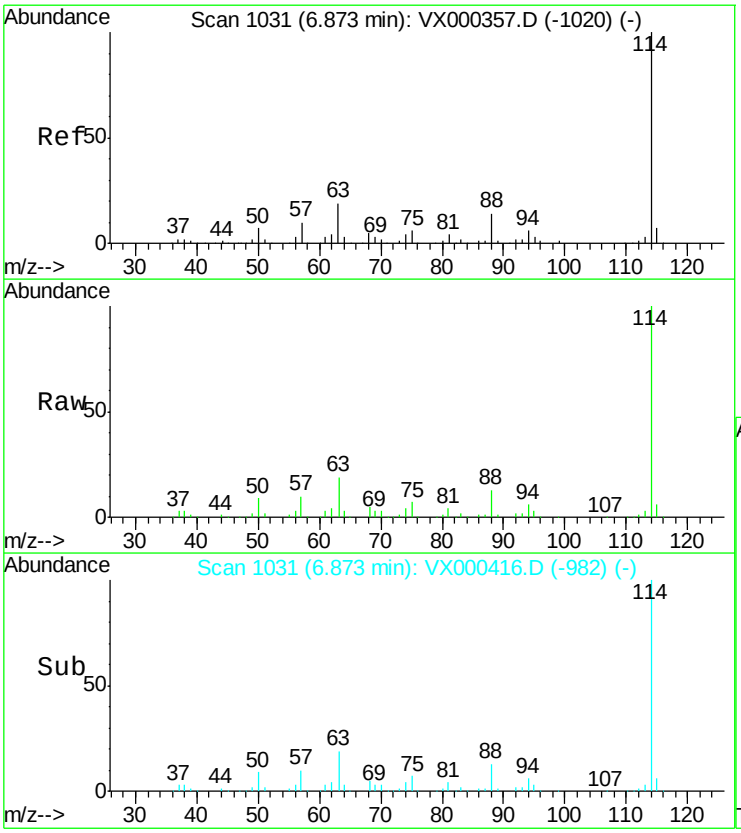
#33
1,2-Dichloroethane-d4
Concen: 55.81 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion: 65 Resp: 64460

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.2

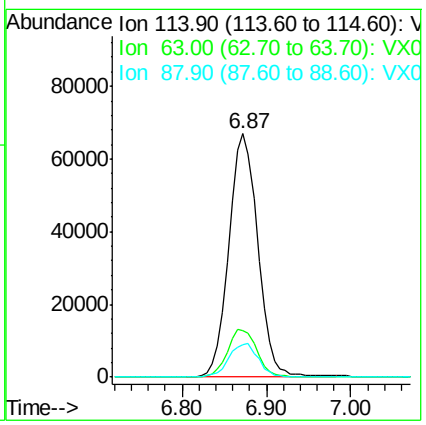


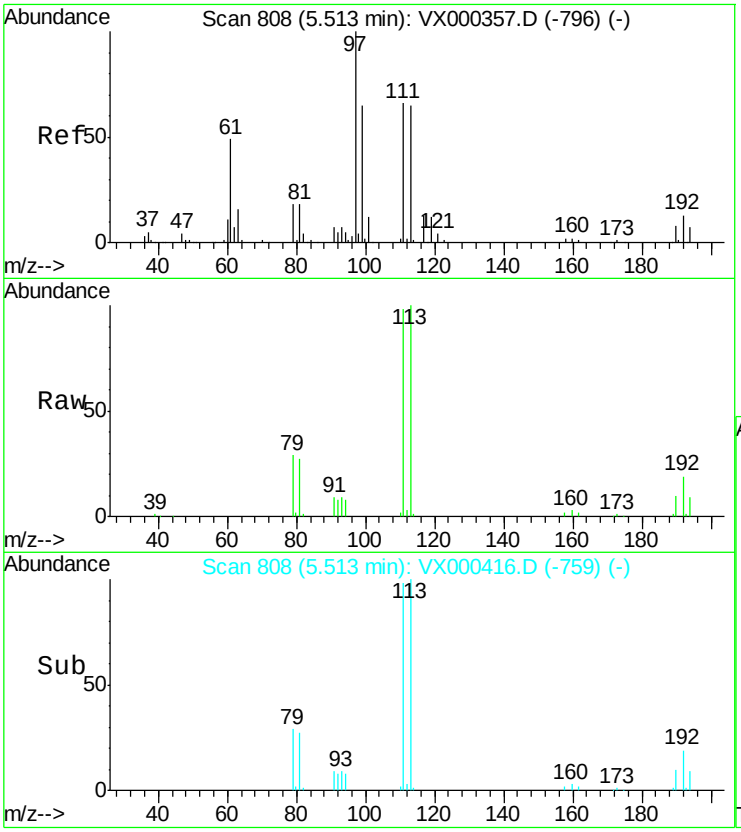


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion:114 Resp: 155662

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	13.5	0.0	27.0



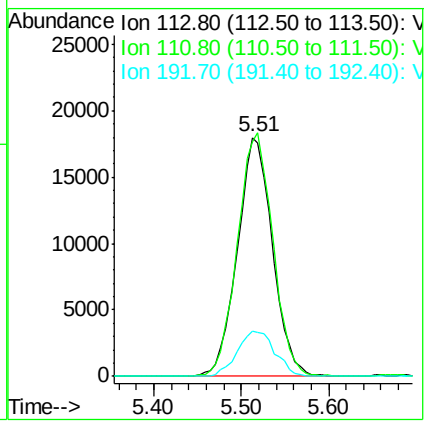


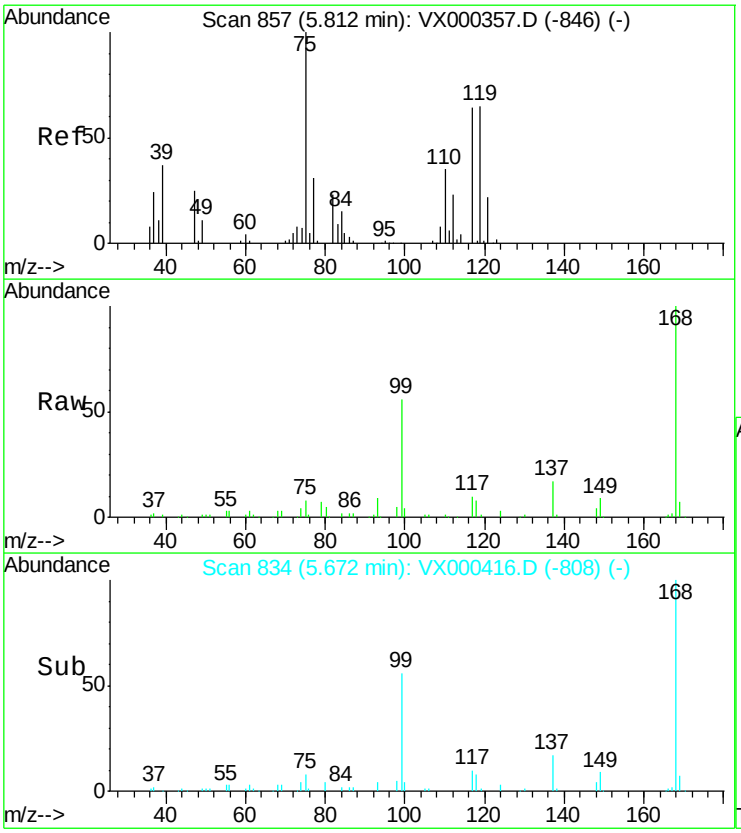
#35
Dibromofluoromethane
Concen: 51.02 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion:113 Resp: 50043

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	20.3	15.8	23.6

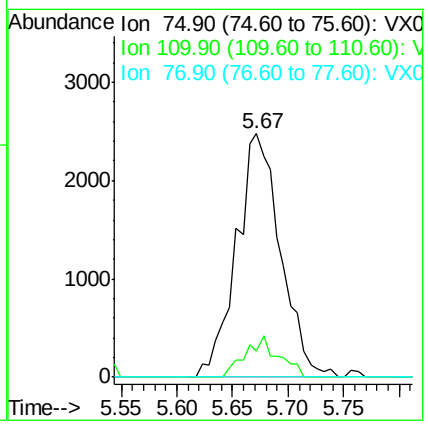


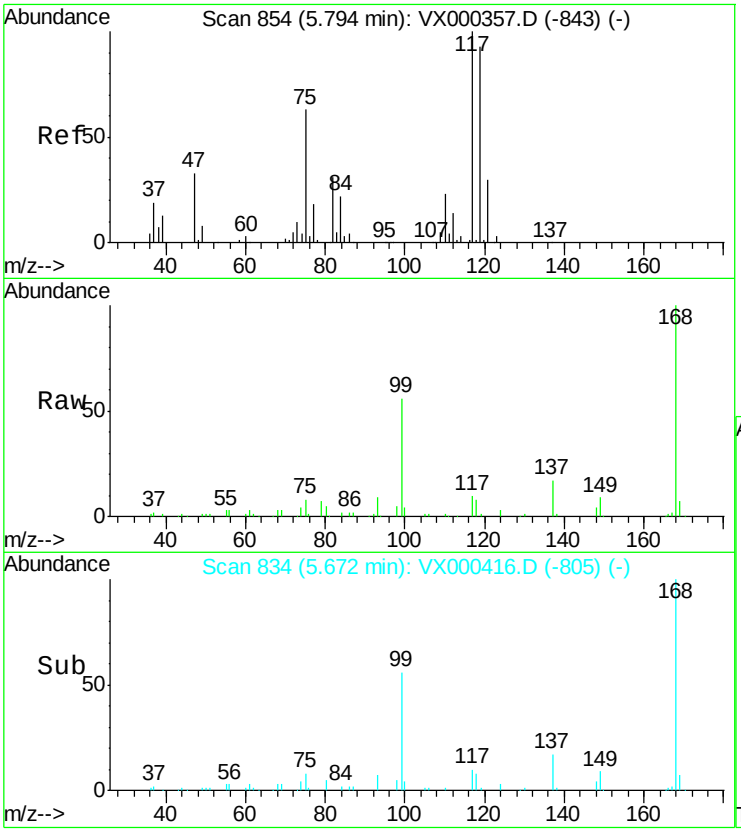


#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion: 75 Resp: 6816

Ion	Ratio	Lower	Upper
75	100		
110	12.7	17.9	53.7#
77	0.0	24.0	36.0#



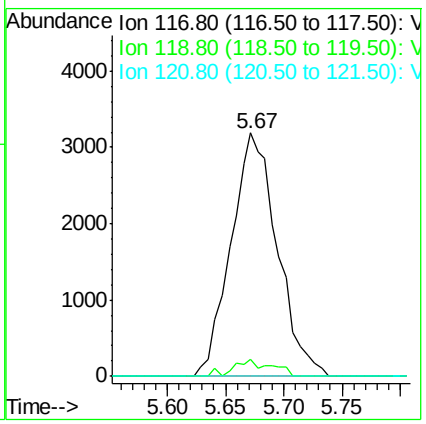


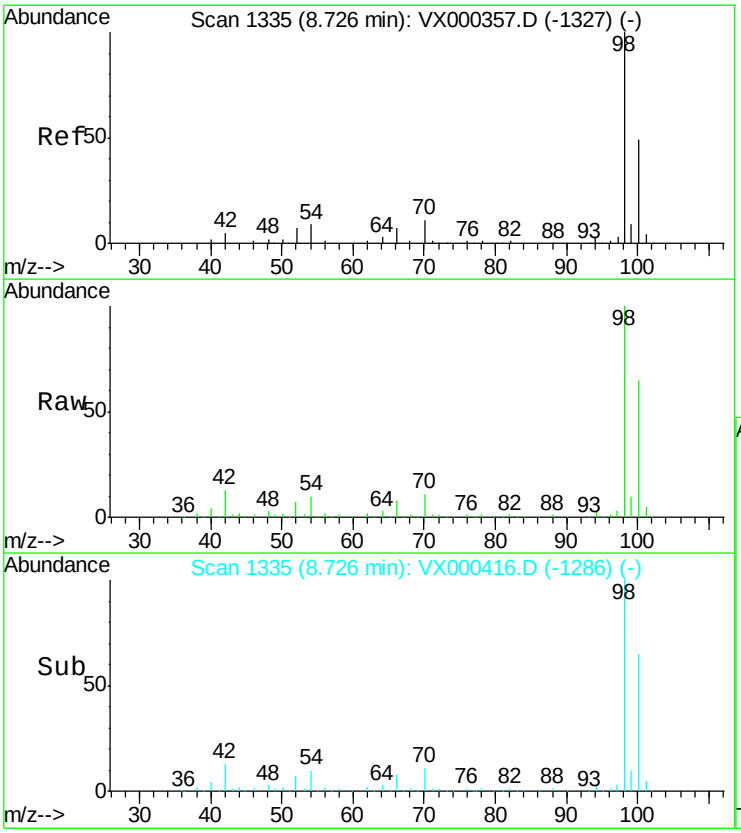
#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion:117 Resp: 8808

Ion	Ratio	Lower	Upper
117	100		
119	7.0	77.4	116.2#
121	0.0	24.8	37.2#

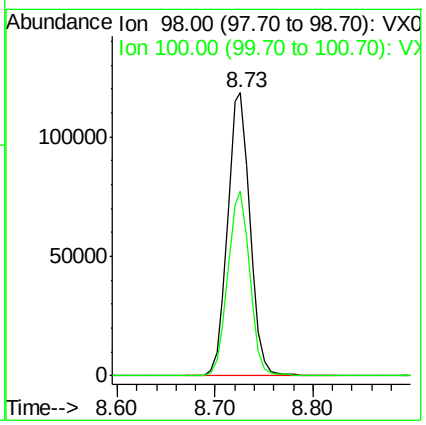


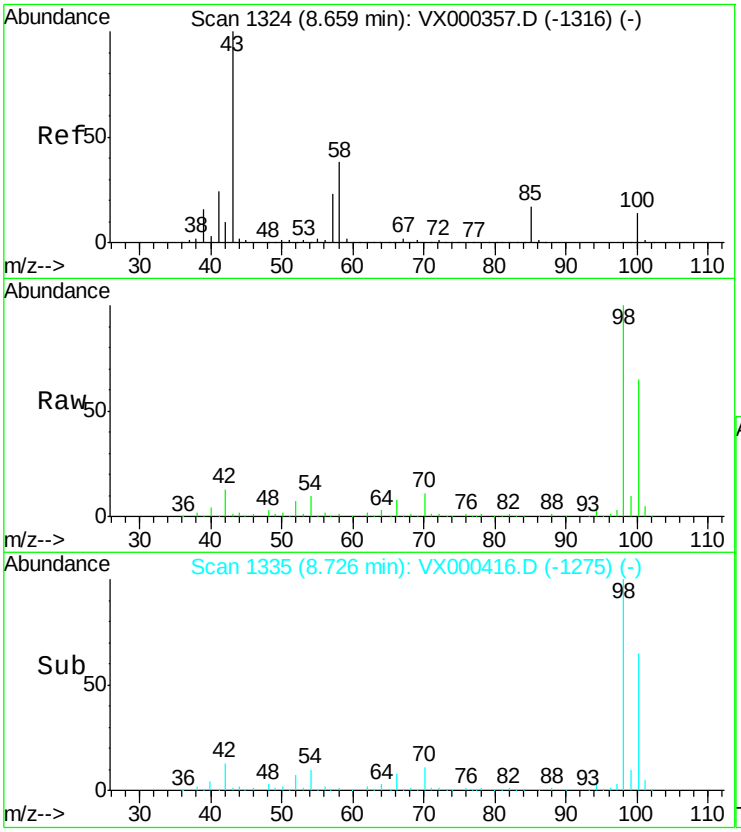


#50
Toluene-d8
Concen: 46.32 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion: 98 Resp: 188139

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



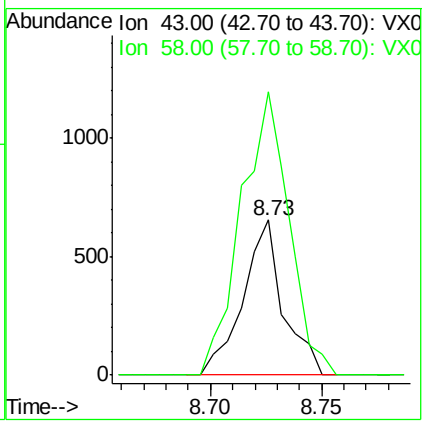


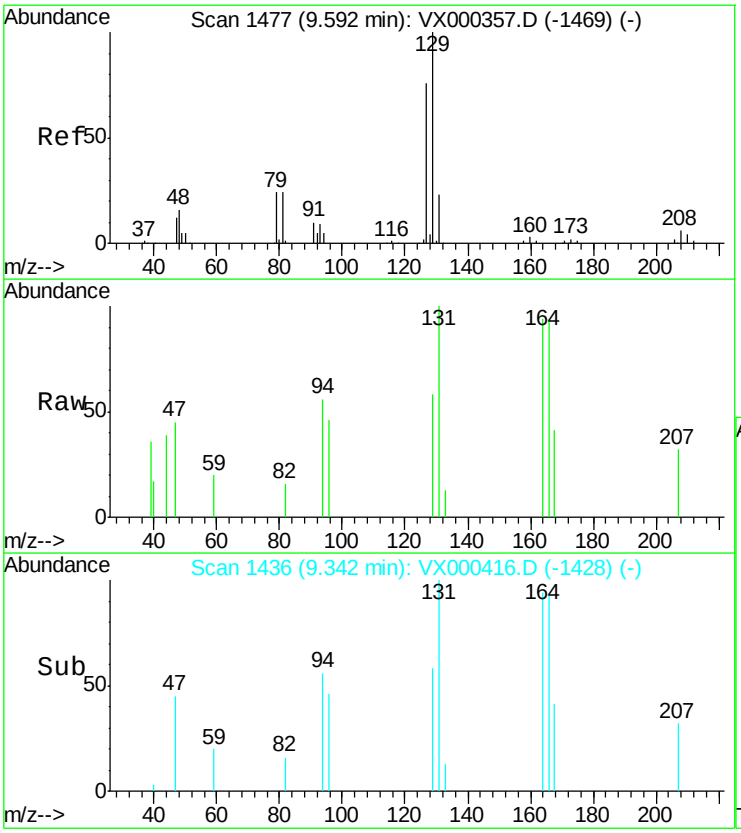
#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.07 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument : MSVOA_X
ClientSampleId : MW-13-031918

Tgt Ion: 43 Resp: 824

Ion	Ratio	Lower	Upper
43	100		
58	217.2	30.3	45.5#

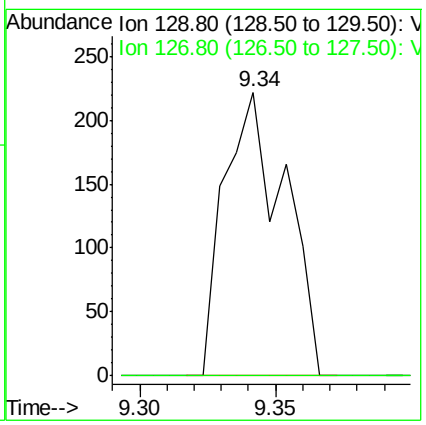


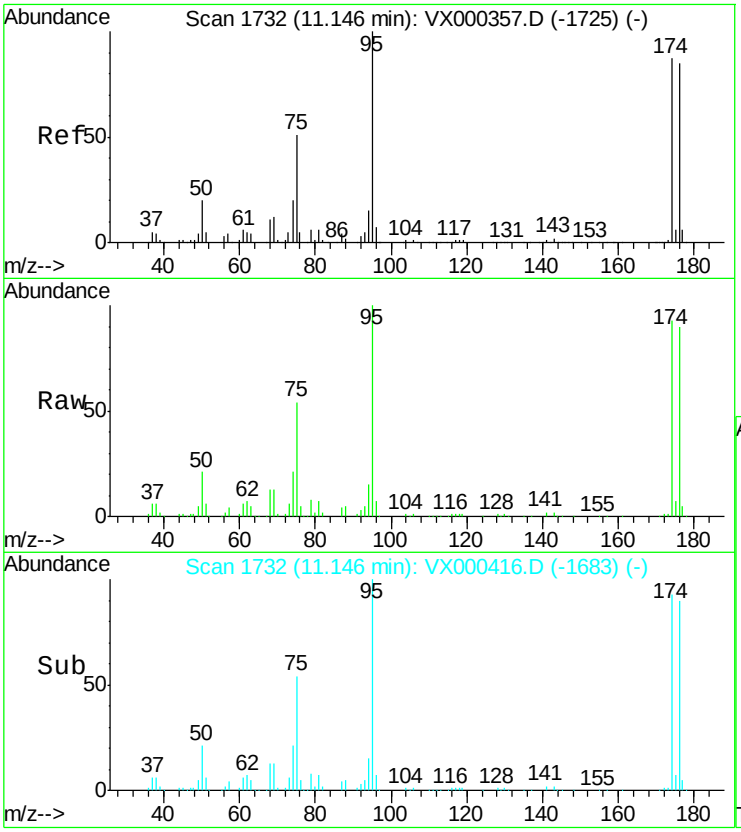


#60
Dibromochloromethane
Concen: 4.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion:129 Resp: 342

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.9	113.6#



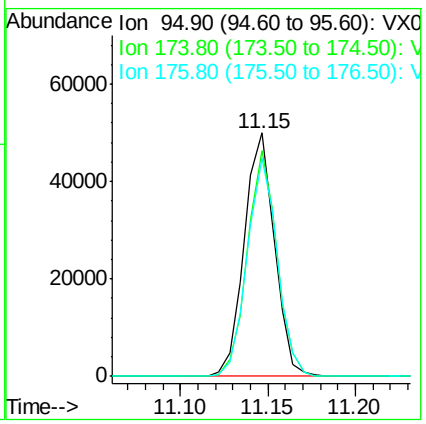


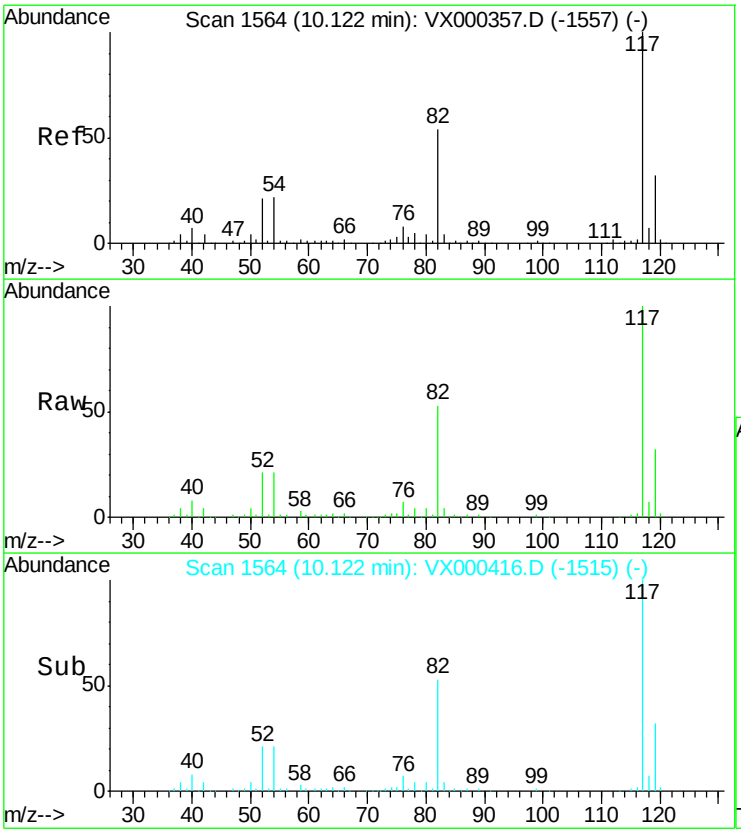
#62
4-Bromofluorobenzene
Concen: 36.98 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion: 95 Resp: 60311

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	173.6
176	89.5	0.0	164.6

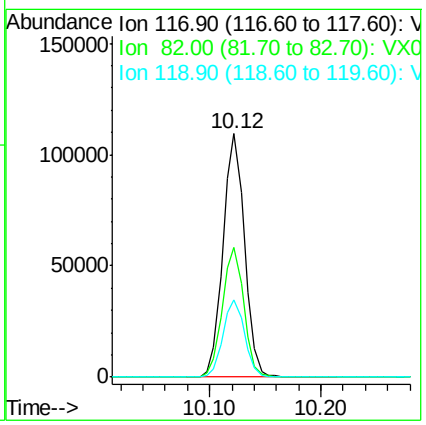


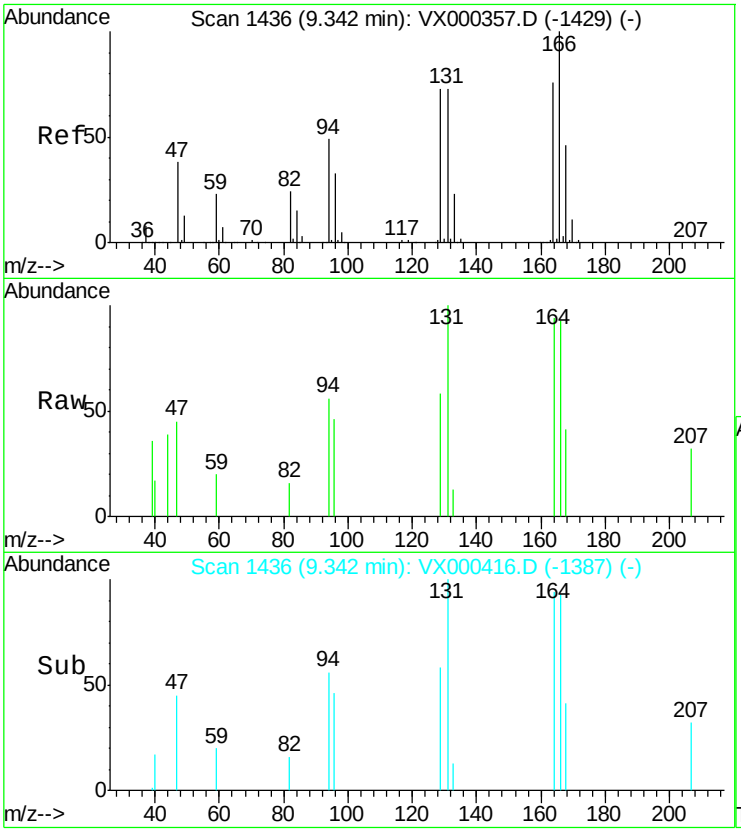


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion:117 Resp: 146329

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.8
119	31.7	24.9	37.3



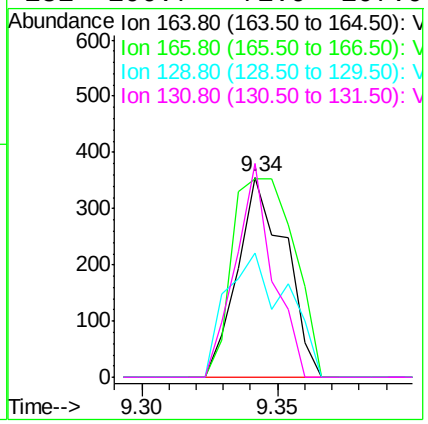


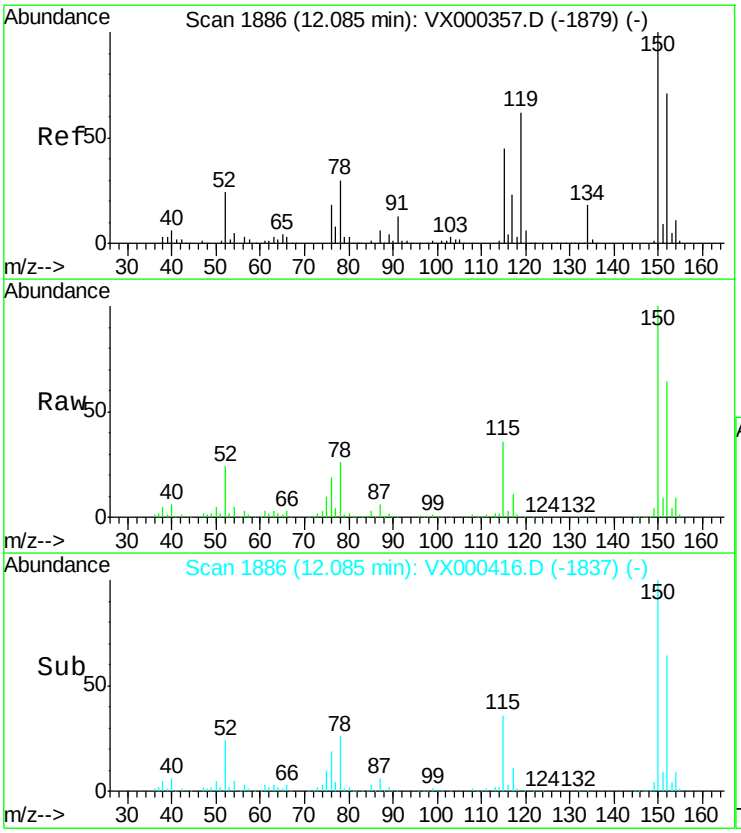
#64
Tetrachloroethene
Concen: 0.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument : MSVOA_X
ClientSampleId : MW-13-031918

Tgt Ion:164 Resp: 434

Ion	Ratio	Lower	Upper
164	100		
166	99.2	101.0	151.6#
129	62.4	79.0	118.4#
131	106.7	71.9	107.9

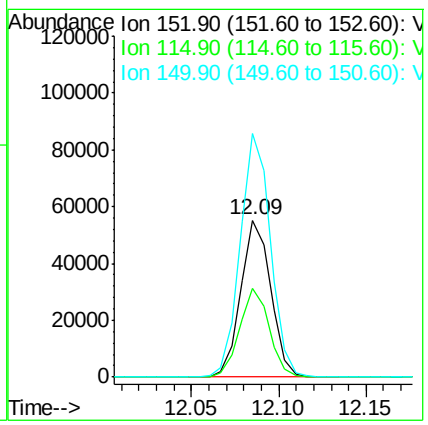


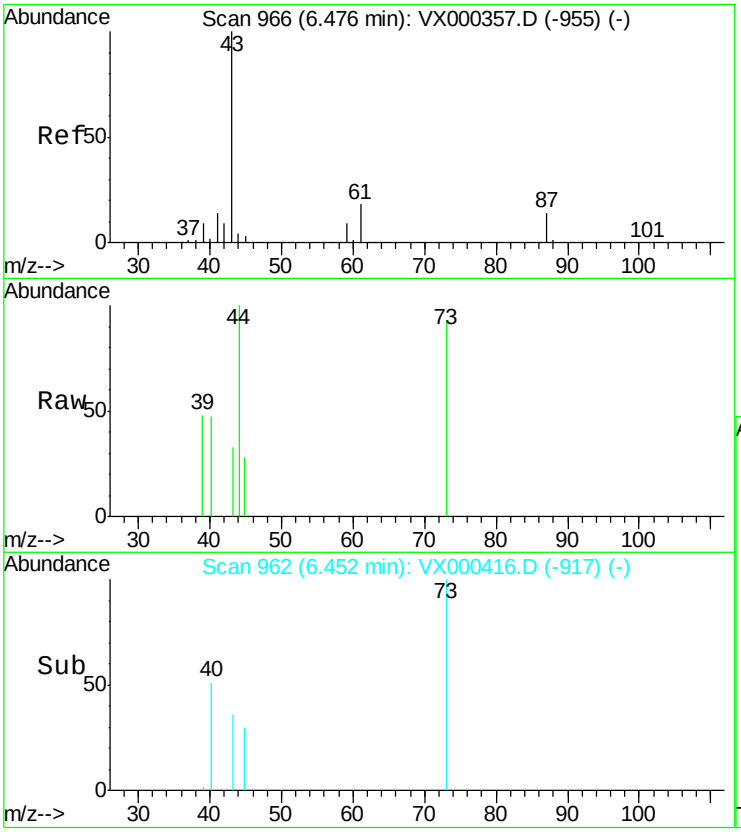


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion:152 Resp: 65900

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.8	119.3
150	156.4	0.0	344.4



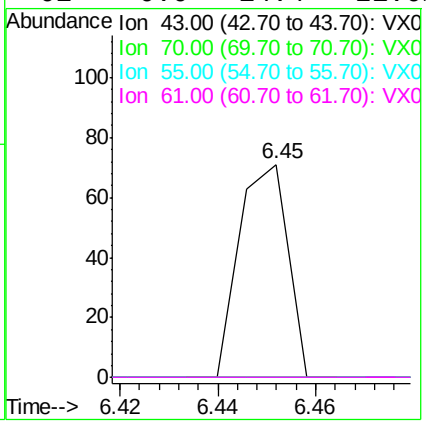


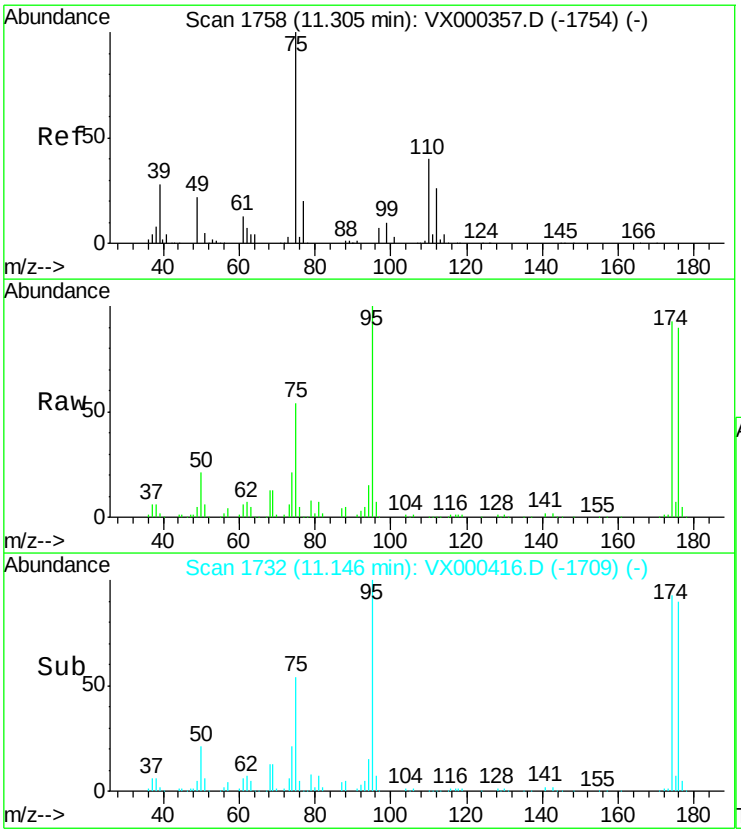
#74
N-amyl acetate
Concen: Below Cal
RT: 6.45 min Scan# 962
Delta R.T. -0.02 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion: 43 Resp: 49

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	0.0	14.4	21.6#

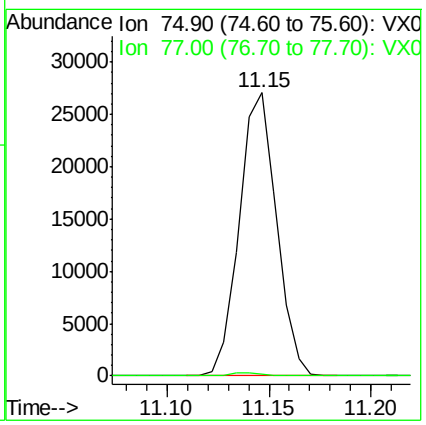


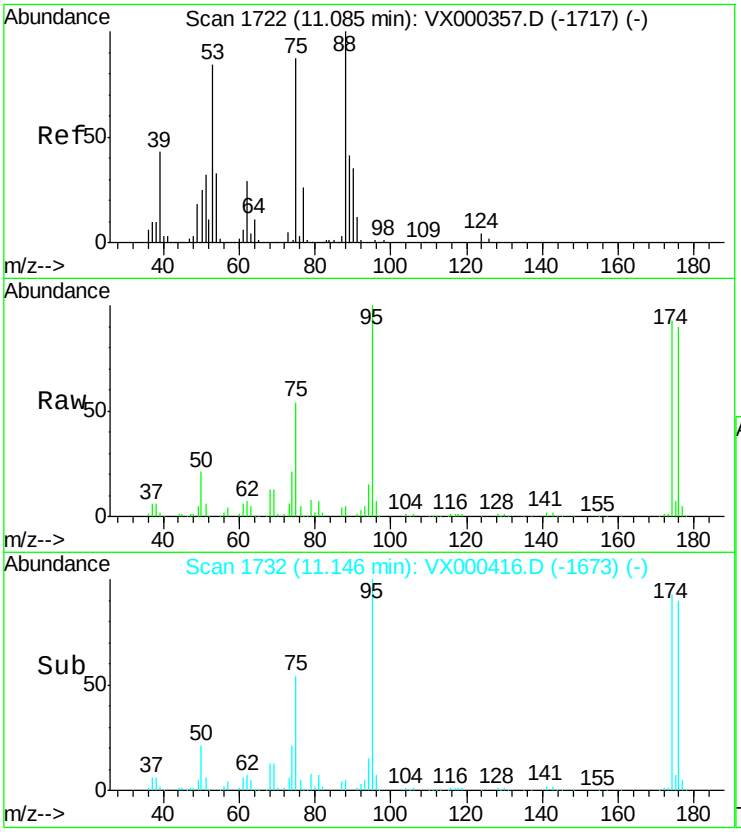


#76
1,2,3-Trichloropropane
Concen: 24.19 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Tgt Ion: 75 Resp: 34263

Ion	Ratio	Lower	Upper
75	100		
77	0.8	21.4	64.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.33 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000416.D
Acq: 22 Mar 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-13-031918

Tgt Ion: 75 Resp: 34263

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.7	121.1#
89	0.0	39.4	59.0#