Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100518\
Data File : VF060475.D
Acq On : 6 Oct 2018 00:42
Operator : VA/AP
Sample : J5084-20
Misc : 6.27/5mL/MSVOA_F/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : B-3(14.5-15)

Quant Time: Oct 06 04:40:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	348168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	597143	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	506970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	270194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	148443	27.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 54.50%			
35) Dibromofluoromethane	4.28	113	185241	33.02	ug/l	0.02
Spiked Amount 50.000			Recovery = 66.04%			
50) Toluene-d8	7.69	98	419623	30.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 60.74%			
62) 4-Bromofluorobenzene	11.49	95	193112	30.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	594	Below Cal	#	38
11) Tert butyl alcohol	2.67	59	668	2.027	ug/l #	54
13) Acrolein	2.21	56	480	1.811	ug/l	92
15) Acrylonitrile	3.07	53	751	1.330	ug/l #	57
16) Acetone	2.33	43	27787	1.171	ug/l #	91
18) Methyl Acetate	2.51	43	1325	Below Cal	#	79
20) Methylene Chloride	2.32	84	13186	Below Cal		90
29) Tetrahydrofuran	4.24	42	1804	Below Cal	#	84
49) 1,4-Dioxane	6.99	88	177	8.394	ug/l #	1
51) 4-Methyl-2-Pentanone	8.39	43	3221	1.328	ug/l	91
58) 2-Chloroethyl Vinyl ether	7.76	63	649	1.777	ug/l	100
59) 2-Hexanone	9.62	43	2766	1.555	ug/l	65
92) 1,2-Dibromo-3-Chloropropan	13.70	75	904	1.202	ug/l #	1
95) Naphthalene	14.51	128	51182	4.467	ug/l	98

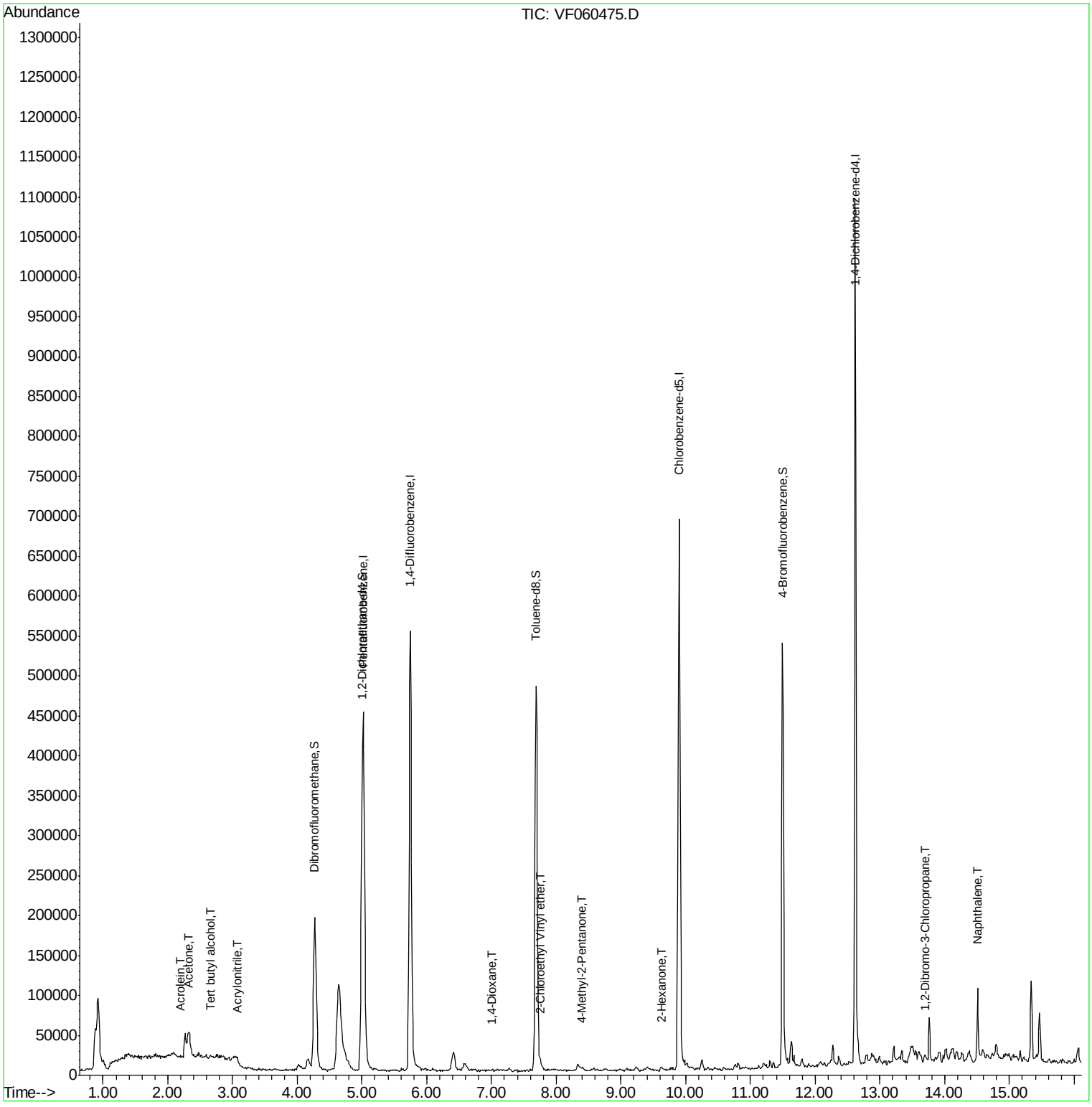
(#) = qualifier out of range (m) = manual integration (+) = signals summed

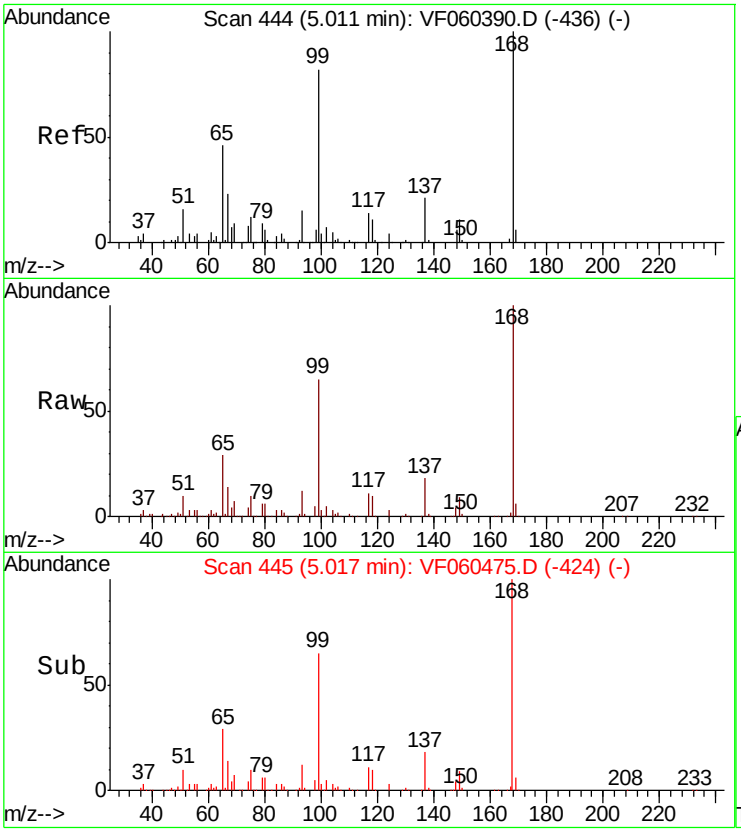
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
Data File : VF060475.D
Acq On : 6 Oct 2018 00:42
Operator : VA/AP
Sample : J5084-20
Misc : 6.27/5mL/MSVOA F/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)

Quant Time: Oct 06 04:40:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration



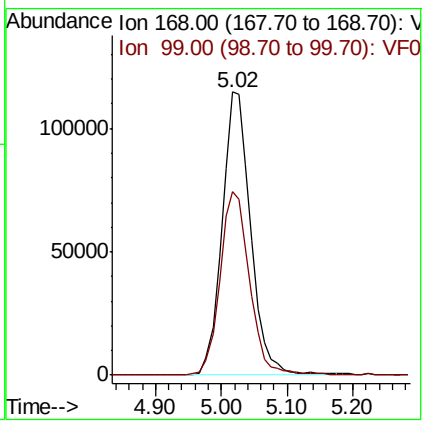


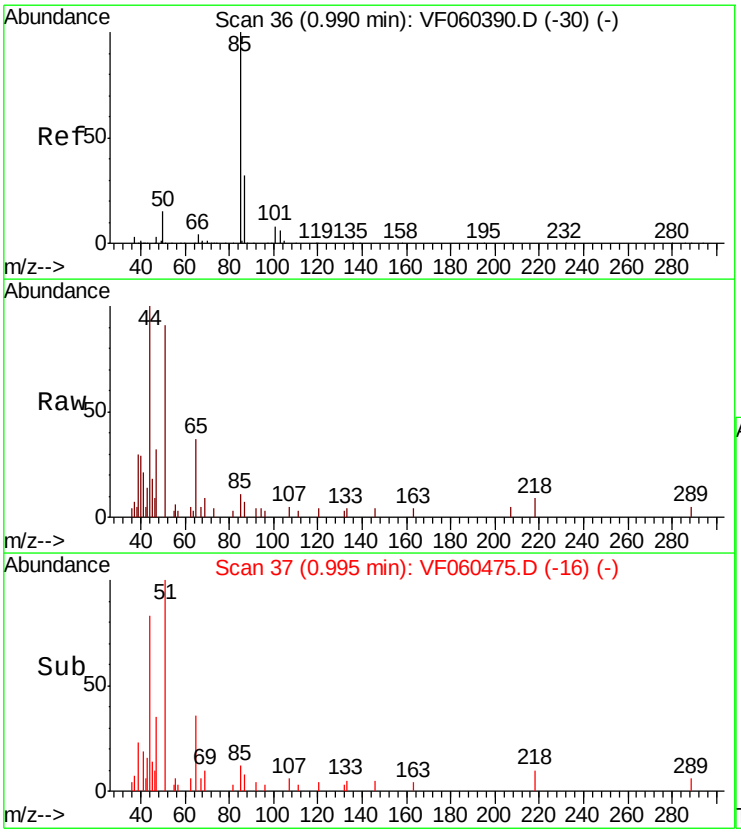
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 445
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)

Tgt Ion:168 Resp: 348168

Ion	Ratio	Lower	Upper
168	100		
99	65.0	65.3	97.9#

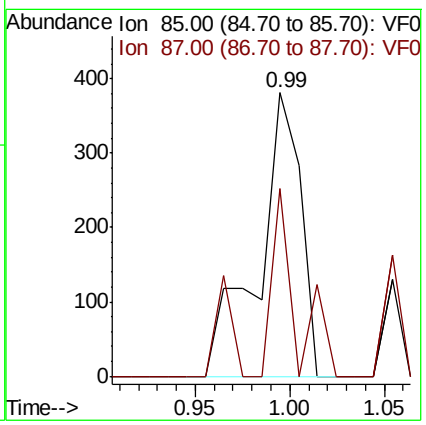


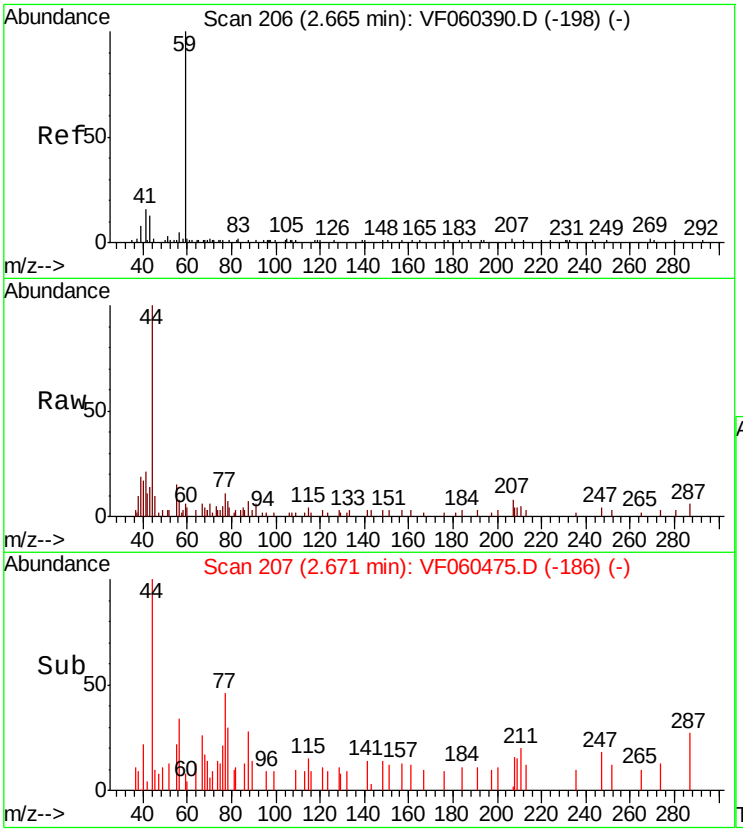


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.99 min Scan# 37
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion: 85 Resp: 594

Ion	Ratio	Lower	Upper
85	100		
87	66.1	15.9	47.6#



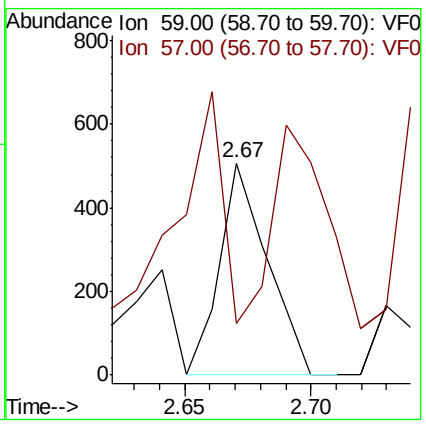


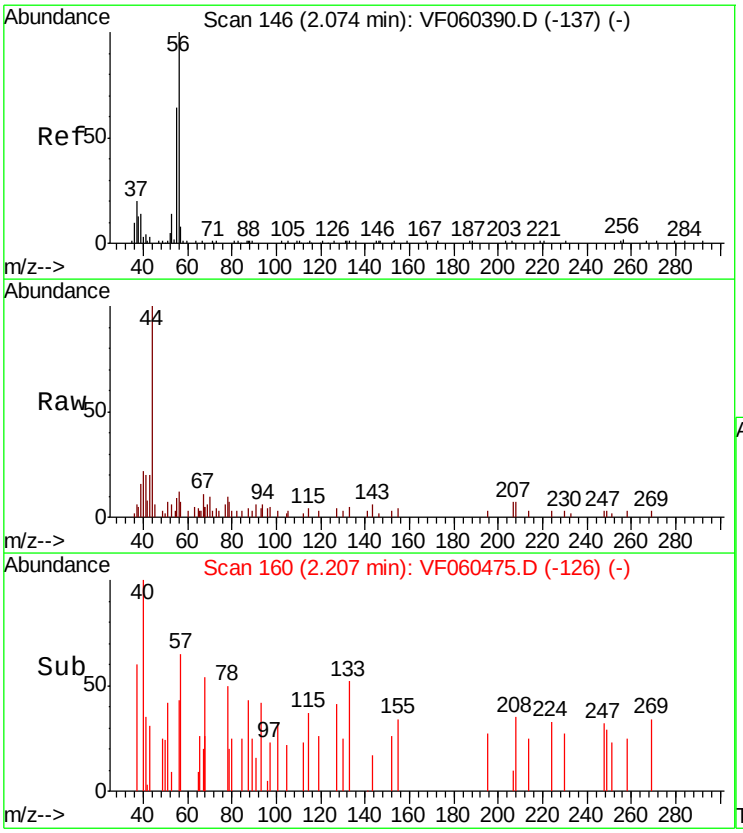
#11
Tert butyl alcohol
Concen: 2.027 ug/l
RT: 2.67 min Scan# 207
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument : MSVOA_F
ClientSampleId : B-3(14.5-15)

Tgt Ion: 59 Resp: 668

Ion	Ratio	Lower	Upper
59	100		
57	24.3	6.5	9.7#

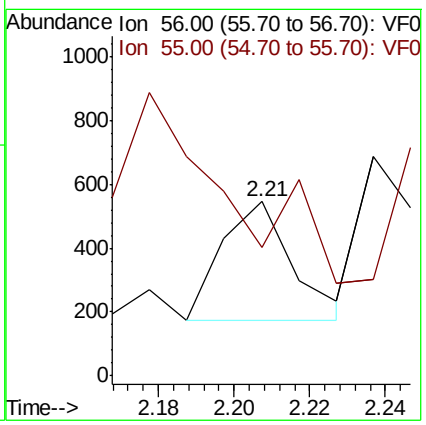


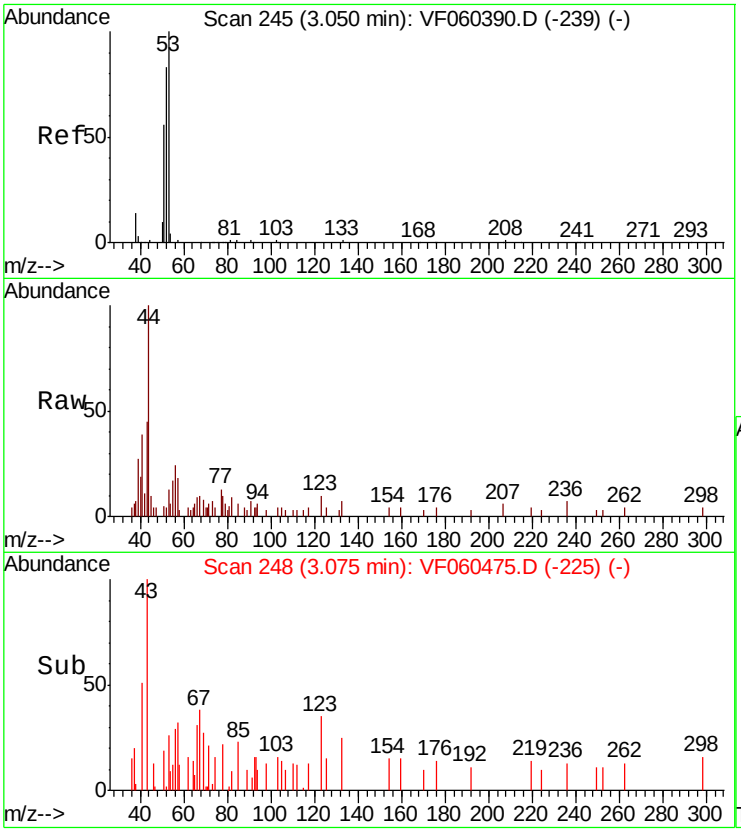


#13
Acrolein
Concen: 1.811 ug/l
RT: 2.21 min Scan# 160
Delta R.T. 0.13 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion: 56 Resp: 480

Ion	Ratio	Lower	Upper
56	100		
55	73.6	53.9	80.9



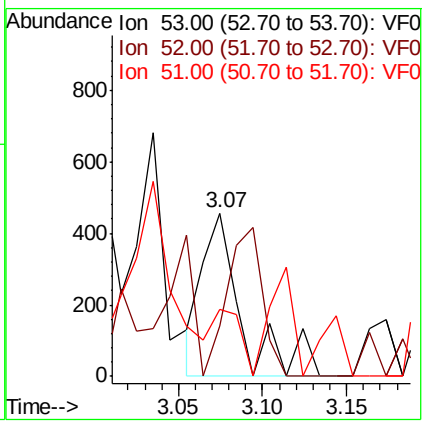


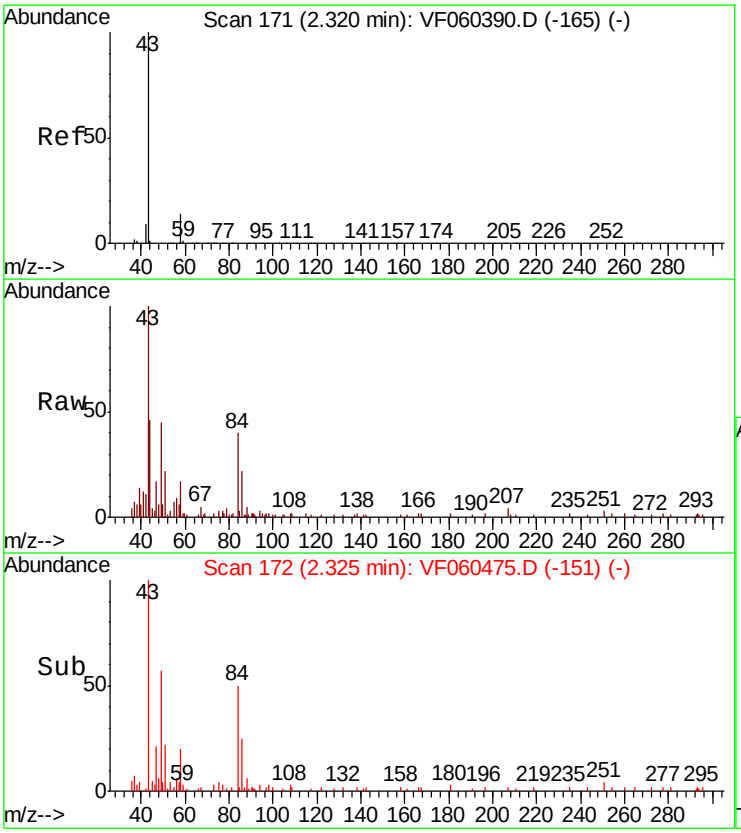
#15
Acrylonitrile
Concen: 1.330 ug/l
RT: 3.07 min Scan# 248
Delta R.T. 0.02 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)

Tgt Ion: 53 Resp: 751

Ion	Ratio	Lower	Upper
53	100		
52	30.6	66.0	99.0#
51	40.7	45.6	68.4#

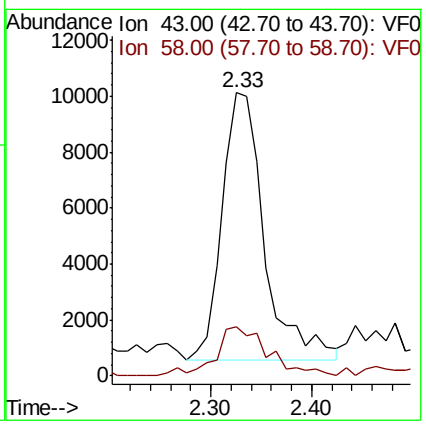


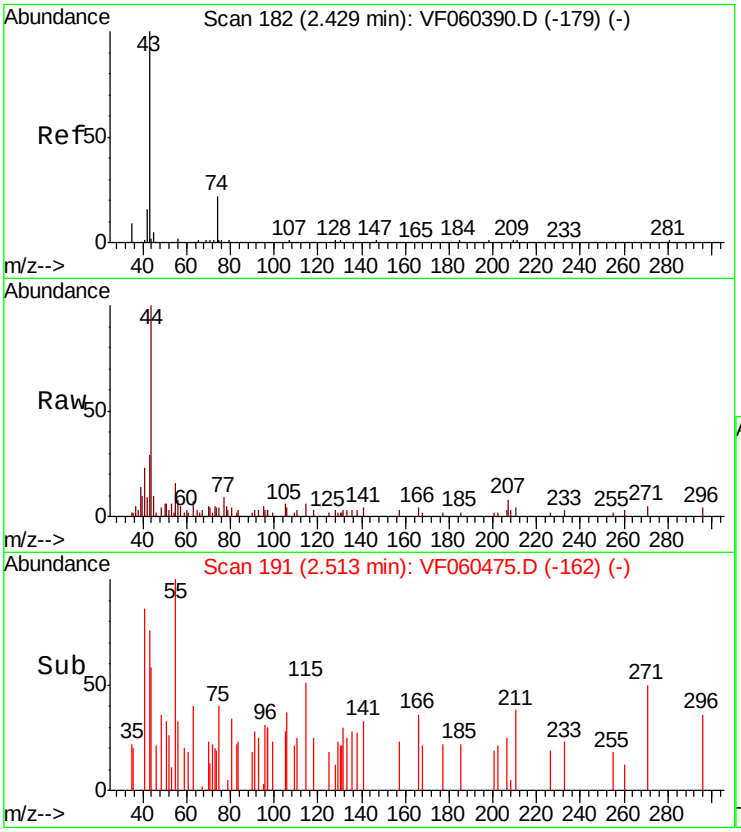


#16
Acetone
Concen: 1.171 ug/l
RT: 2.33 min Scan# 172
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion: 43 Resp: 27787

Ion	Ratio	Lower	Upper
43	100		
58	17.5	11.2	16.8#



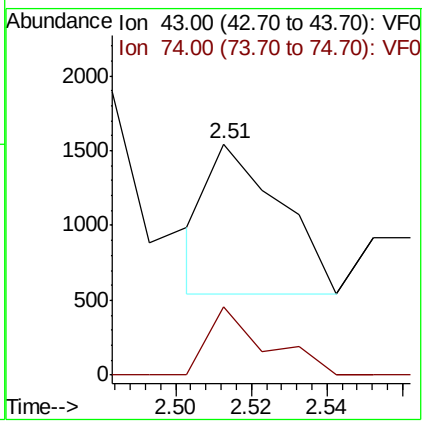


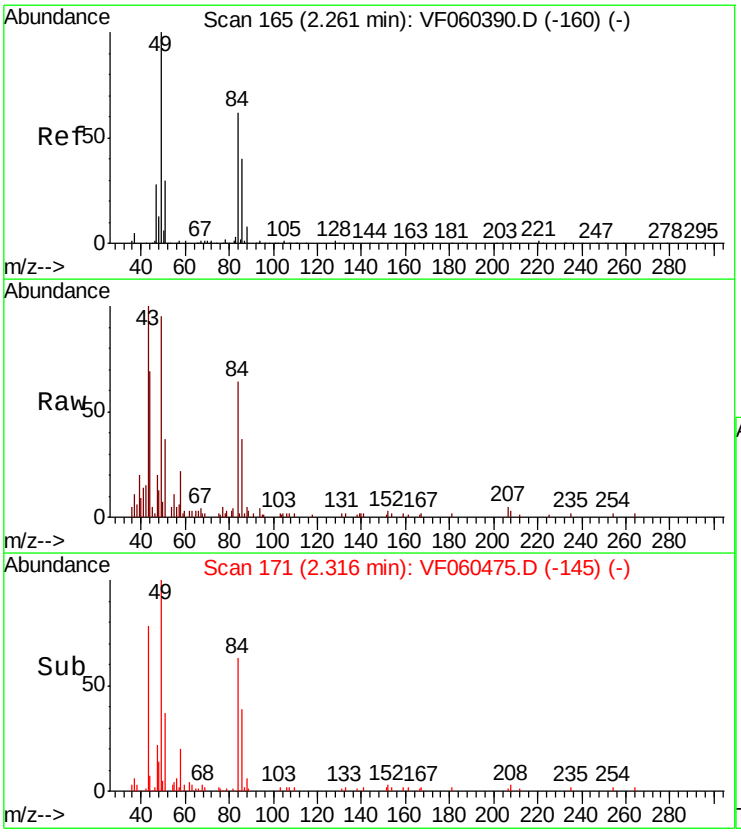
#18
Methyl Acetate
Concen: Below Cal
RT: 2.51 min Scan# 191
Delta R.T. 0.08 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument : MSVOA_F
ClientSampleId : B-3(14.5-15)

Tgt Ion: 43 Resp: 1325

Ion	Ratio	Lower	Upper
43	100		
74	29.5	15.8	23.8#

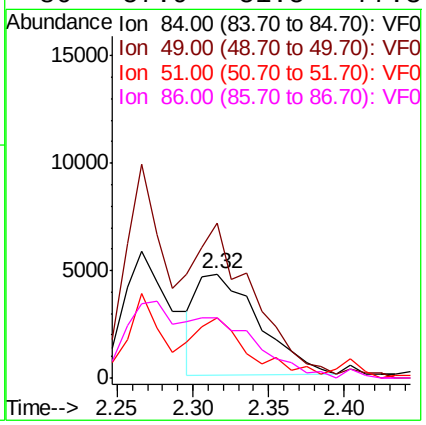


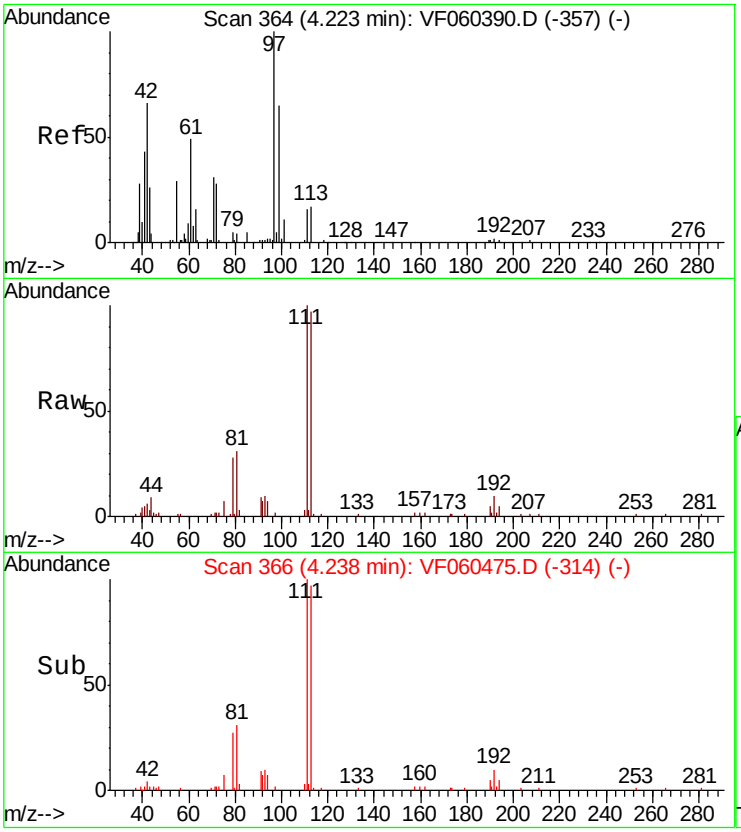


#20
Methylene Chloride
Concen: Below Cal
RT: 2.32 min Scan# 171
Delta R.T. 0.05 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion: 84 Resp: 13186

Ion	Ratio	Lower	Upper
84	100		
49	149.0	130.2	195.2
51	58.3	41.0	61.6
86	57.9	51.5	77.3



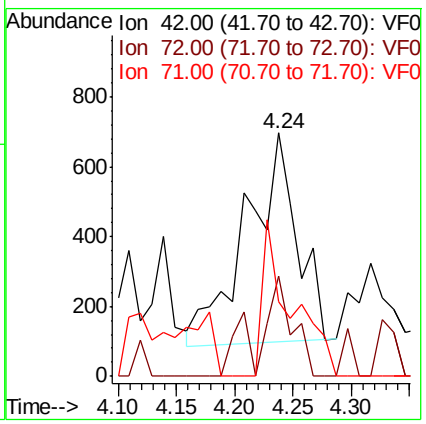


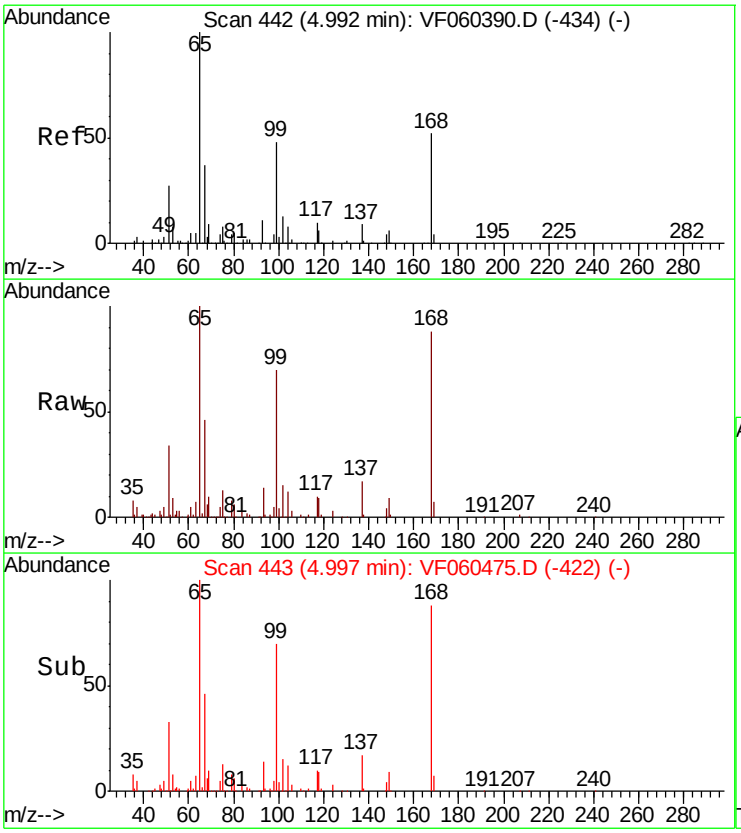
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.24 min Scan# 366
Delta R.T. 0.02 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument : MSVOA_F
ClientSampleId : B-3(14.5-15)

Tgt Ion: 42 Resp: 1804

Ion	Ratio	Lower	Upper
42	100		
72	23.2	33.6	50.4#
71	42.6	32.7	49.1

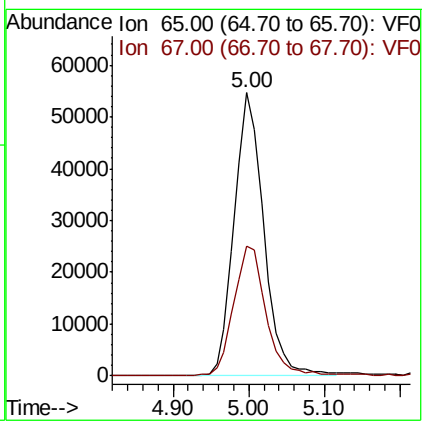


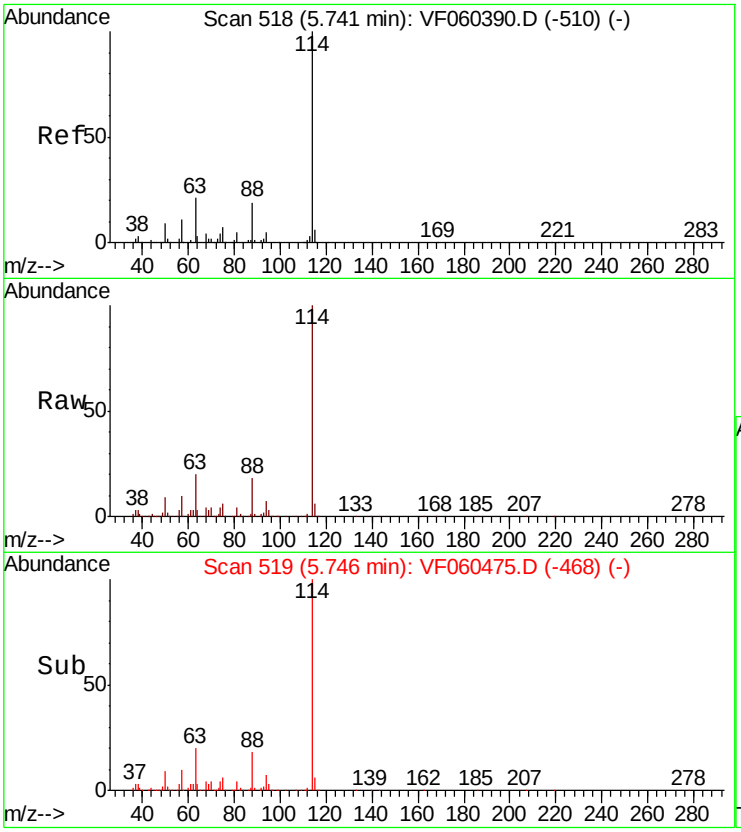


#33
1,2-Dichloroethane-d4
Concen: 27.247 ug/l
RT: 5.00 min Scan# 443
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion: 65 Resp: 148443

Ion	Ratio	Lower	Upper
65	100		
67	46.0	0.0	89.4



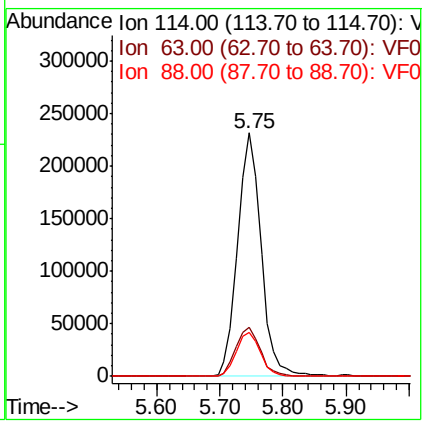


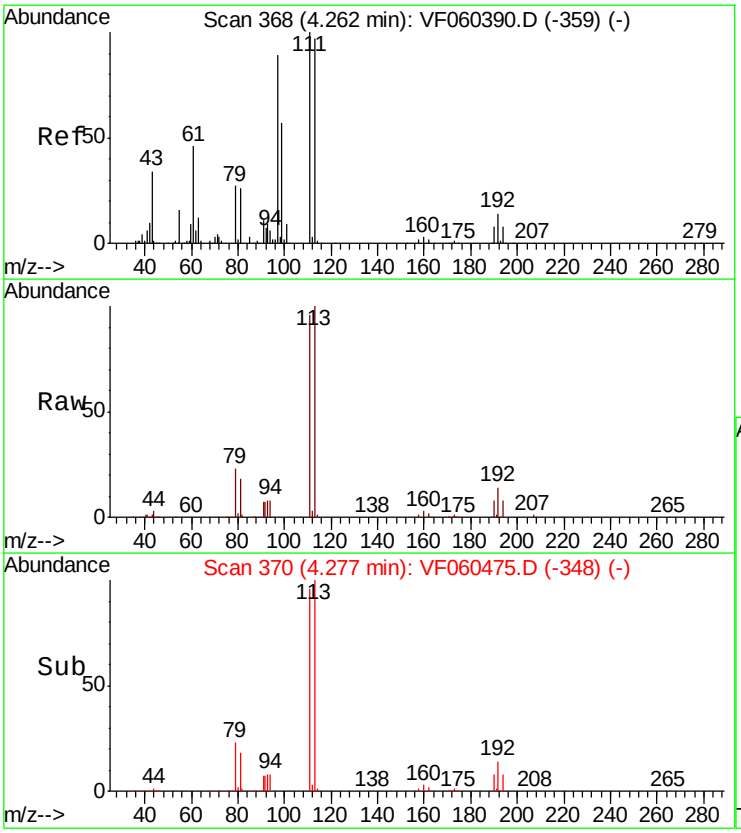
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)

Tgt Ion:114 Resp: 597143

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.2
88	18.1	0.0	38.8

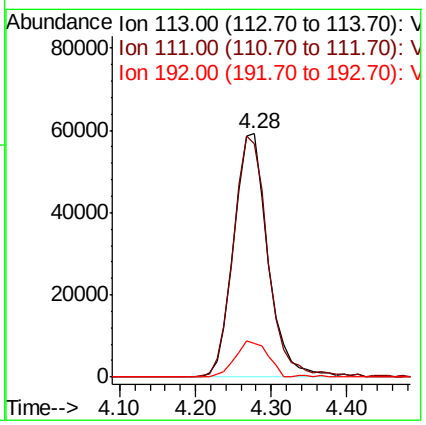


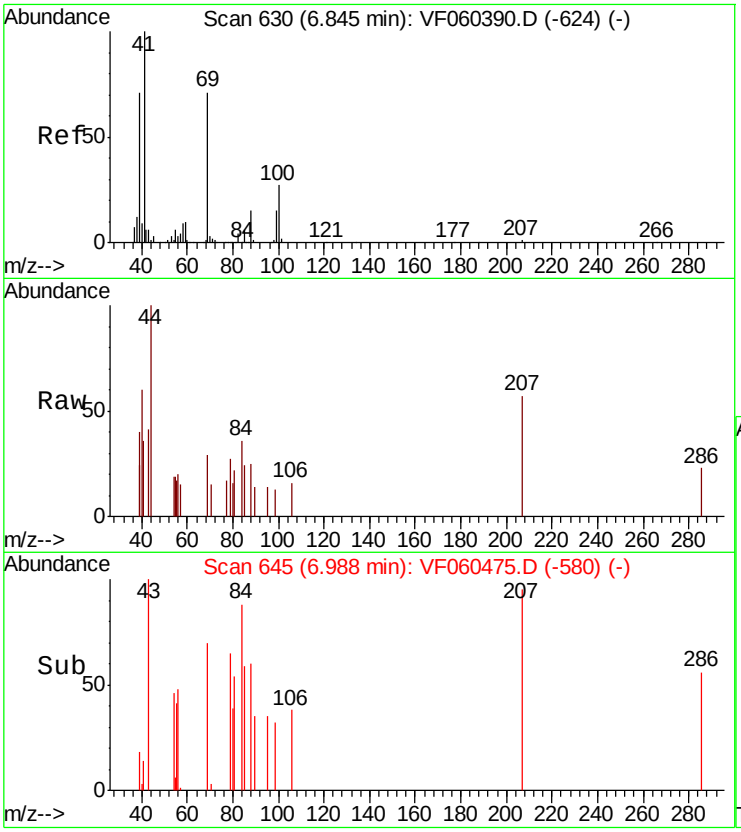


#35
Dibromofluoromethane
Concen: 33.021 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.02 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion:113 Resp: 185241

Ion	Ratio	Lower	Upper
113	100		
111	95.6	82.3	123.5
192	14.1	11.8	17.6



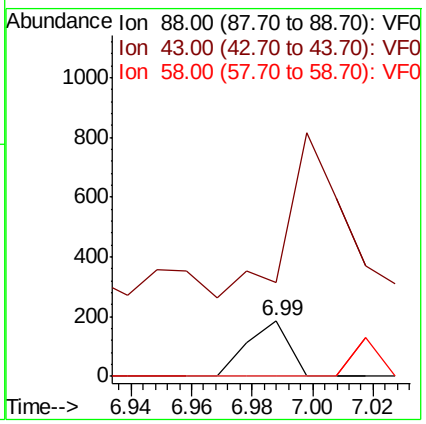


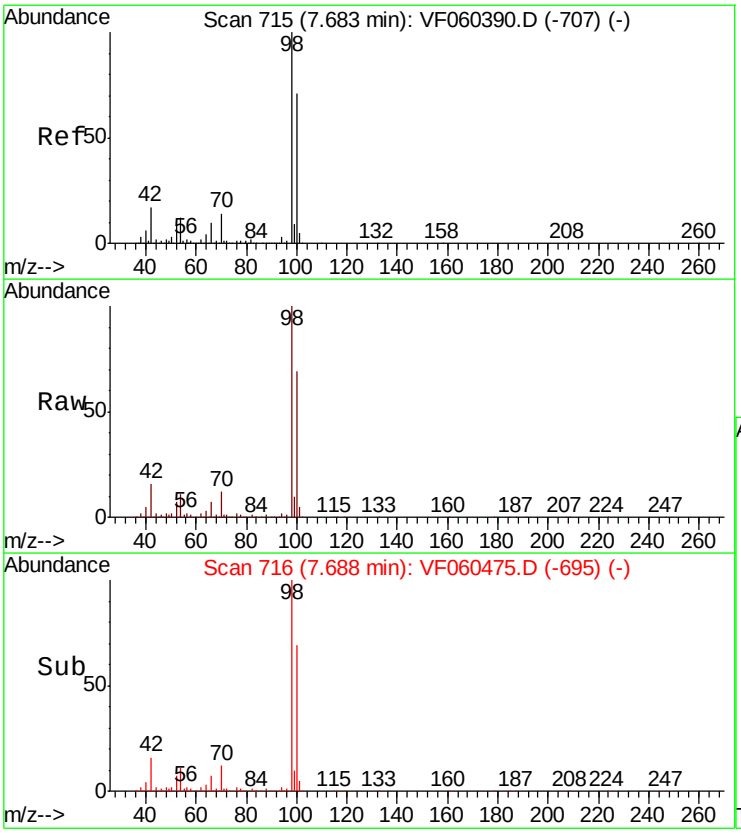
#49
1,4-Dioxane
Concen: 8.394 ug/l
RT: 6.99 min Scan# 645
Delta R.T. 0.14 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument : MSVOA_F
ClientSampleId : B-3(14.5-15)

Tgt Ion: 88 Resp: 177

Ion	Ratio	Lower	Upper
88	100		
43	167.0	38.3	57.5#
58	0.0	47.4	71.2#

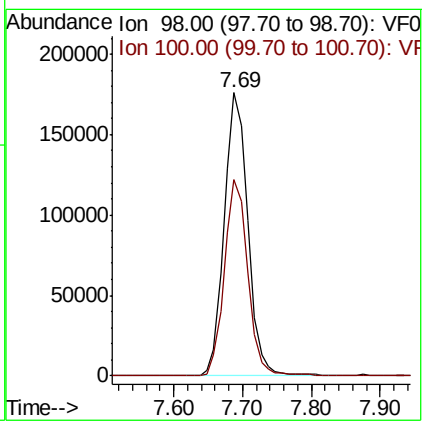


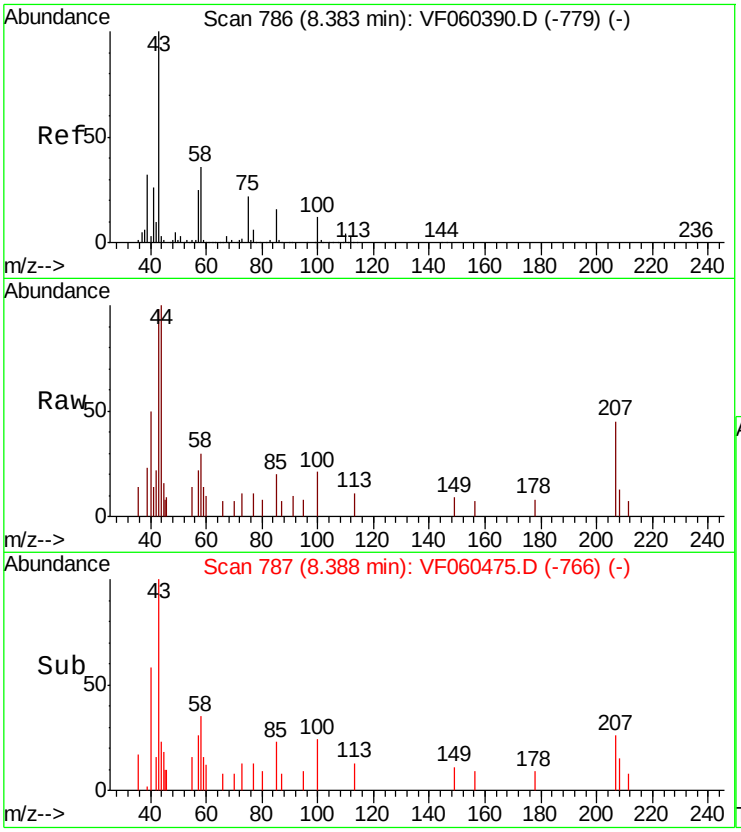


#50
Toluene-d8
Concen: 30.373 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion: 98 Resp: 419623

Ion	Ratio	Lower	Upper
98	100		
100	69.2	56.5	84.7



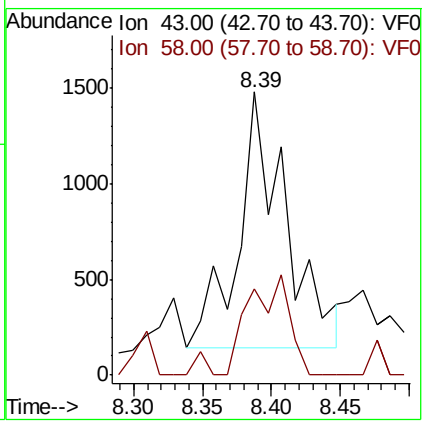


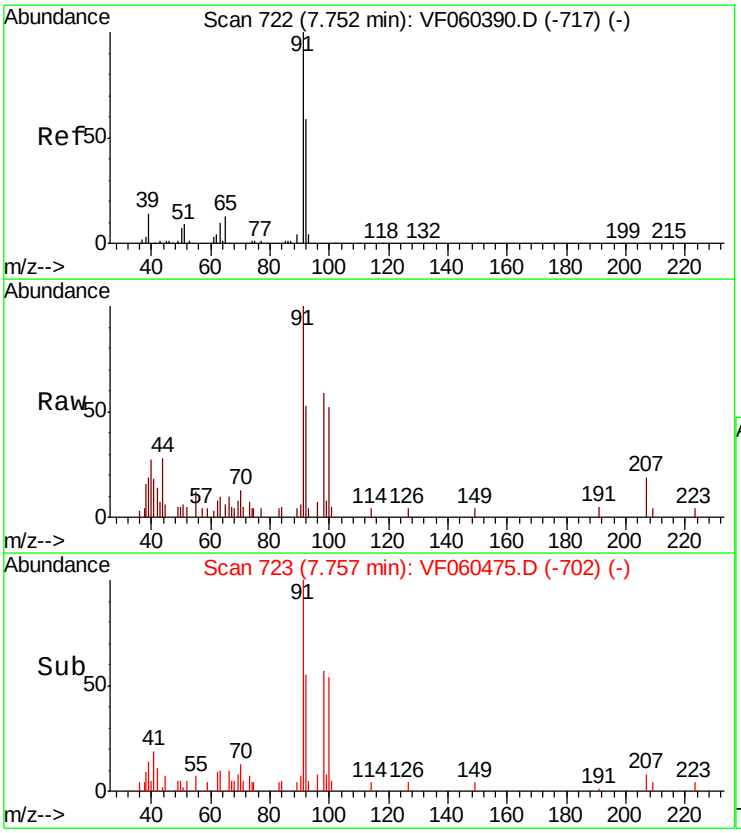
#51
4-Methyl-2-Pentanone
Concen: 1.328 ug/l
RT: 8.39 min Scan# 787
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument : MSVOA_F
ClientSampleId : B-3(14.5-15)

Tgt Ion: 43 Resp: 3221

Ion	Ratio	Lower	Upper
43	100		
58	30.4	28.5	42.7

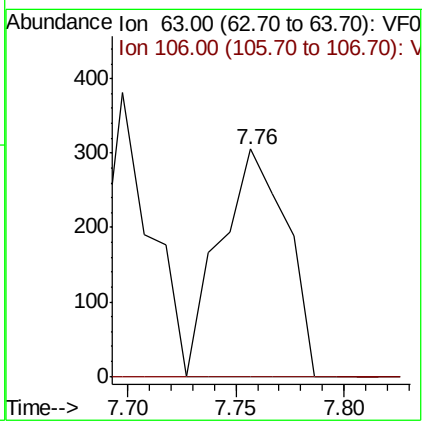


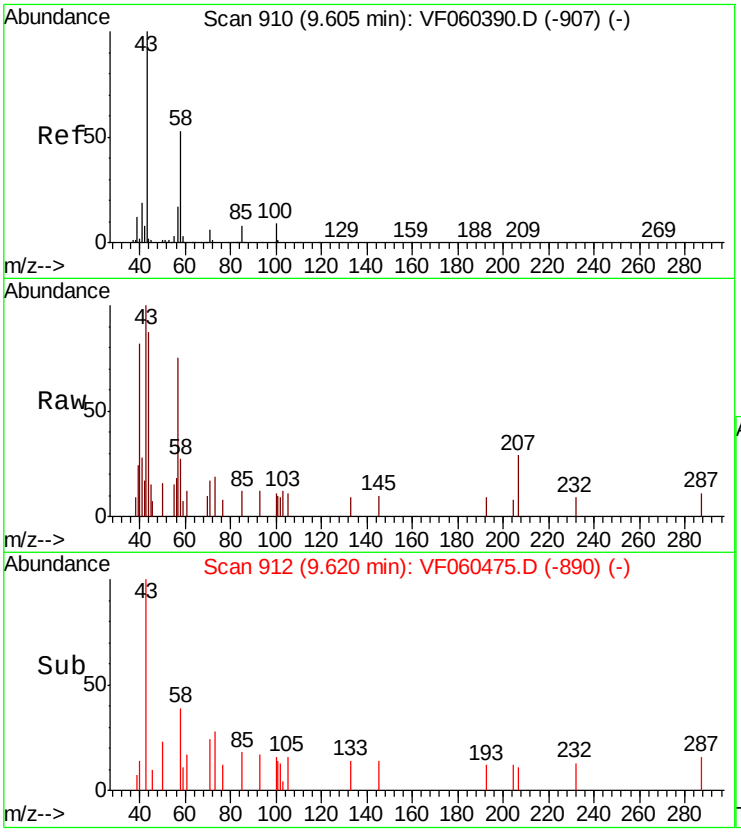


#58
2-Chloroethyl Vinyl ether
Concen: 1.777 ug/l
RT: 7.76 min Scan# 723
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion: 63 Resp: 649

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



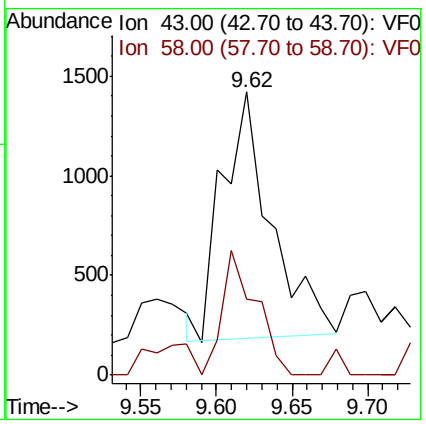


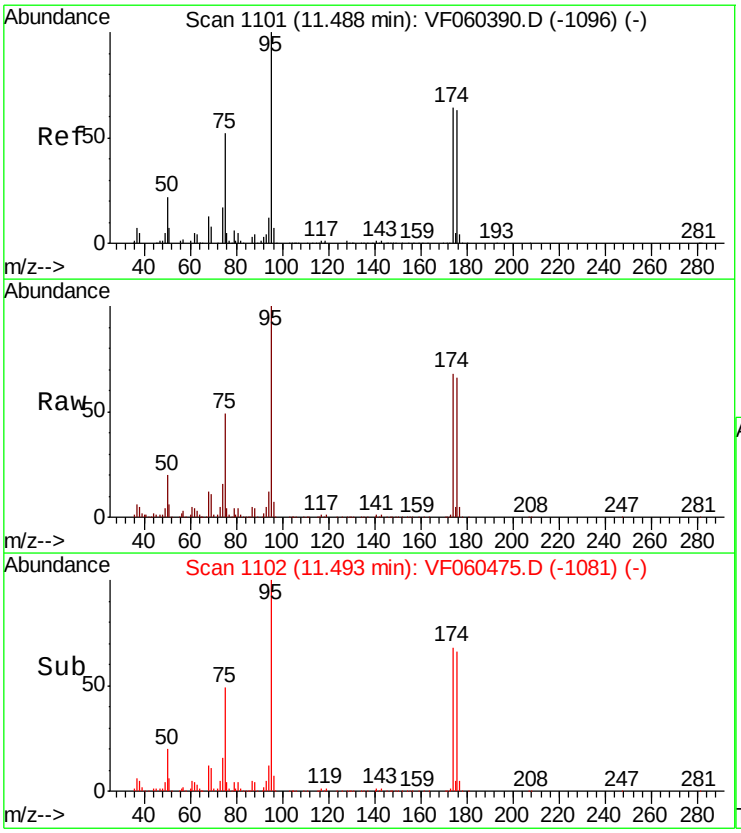
#59
2-Hexanone
Concen: 1.555 ug/l
RT: 9.62 min Scan# 912
Delta R.T. 0.02 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)

Tgt Ion: 43 Resp: 2766

Ion	Ratio	Lower	Upper
43	100		
58	27.0	25.6	76.6

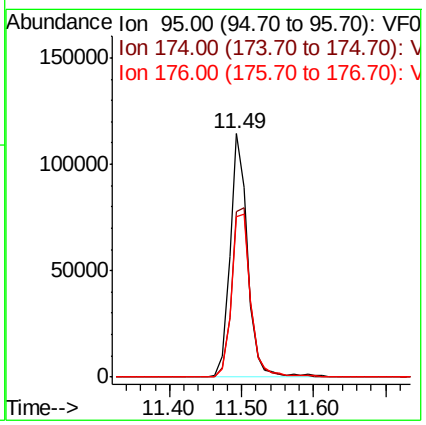


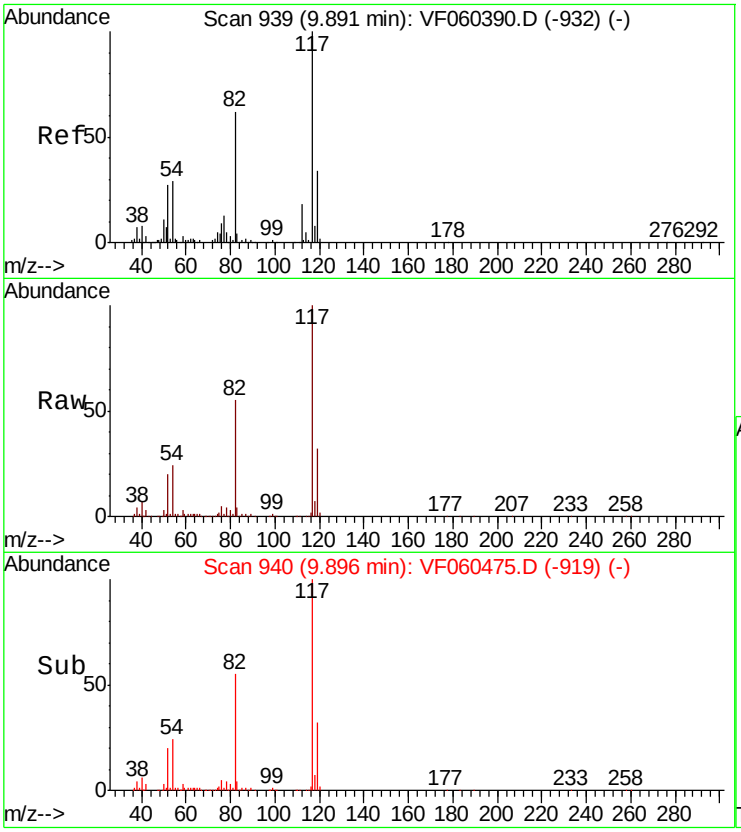


#62
4-Bromofluorobenzene
Concen: 30.613 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion: 95 Resp: 193112

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	129.0
176	65.7	0.0	125.6



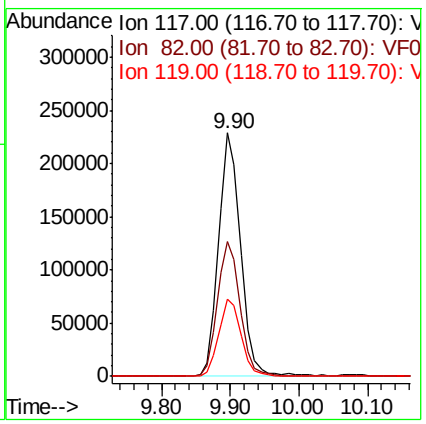


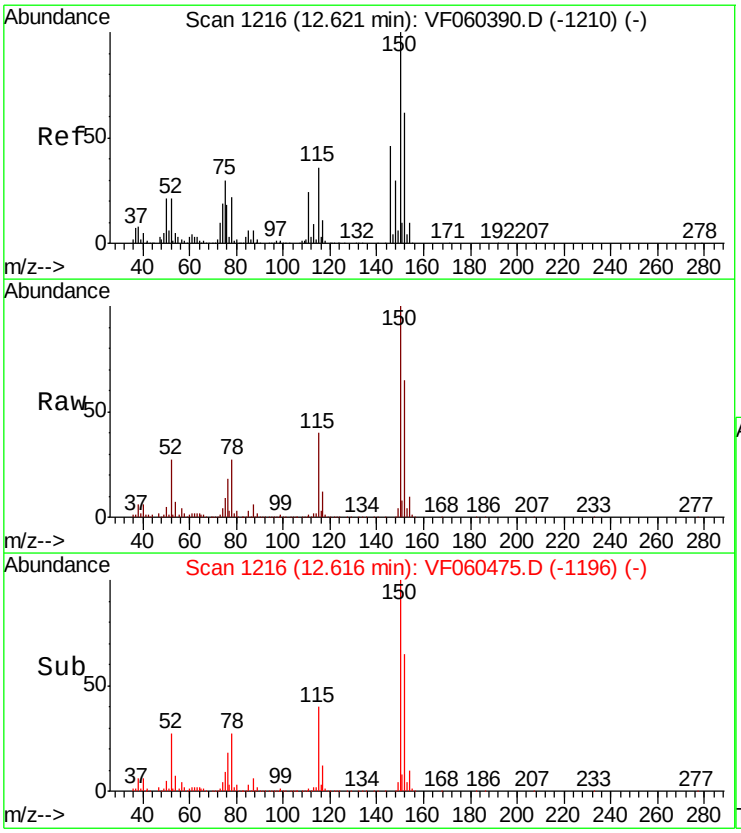
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument : MSVOA_F
ClientSampleId : B-3(14.5-15)

Tgt Ion:117 Resp: 506970

Ion	Ratio	Lower	Upper
117	100		
82	55.5	49.5	74.3
119	31.6	27.0	40.6

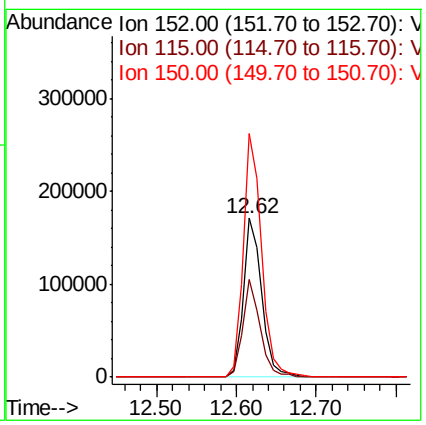


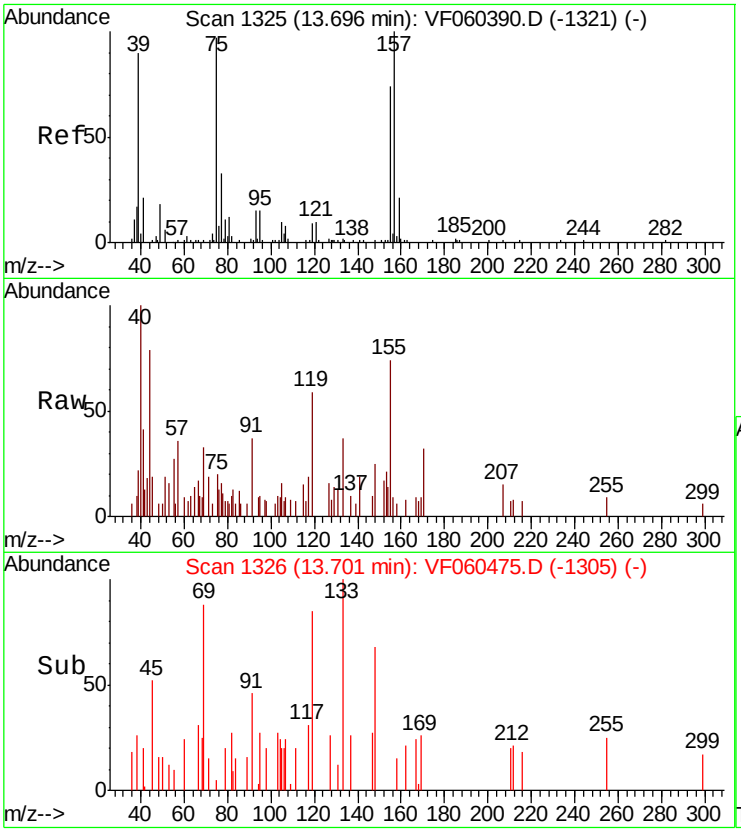


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion:152 Resp: 270194

Ion	Ratio	Lower	Upper
152	100		
115	61.3	28.6	85.8
150	153.6	0.0	324.6



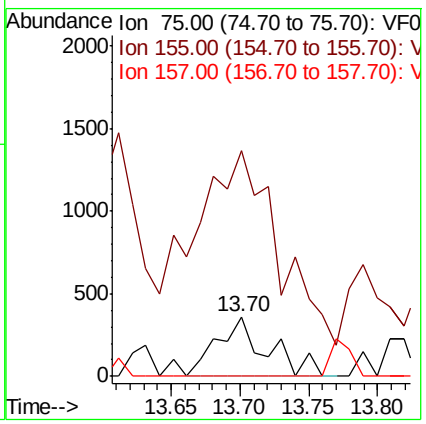


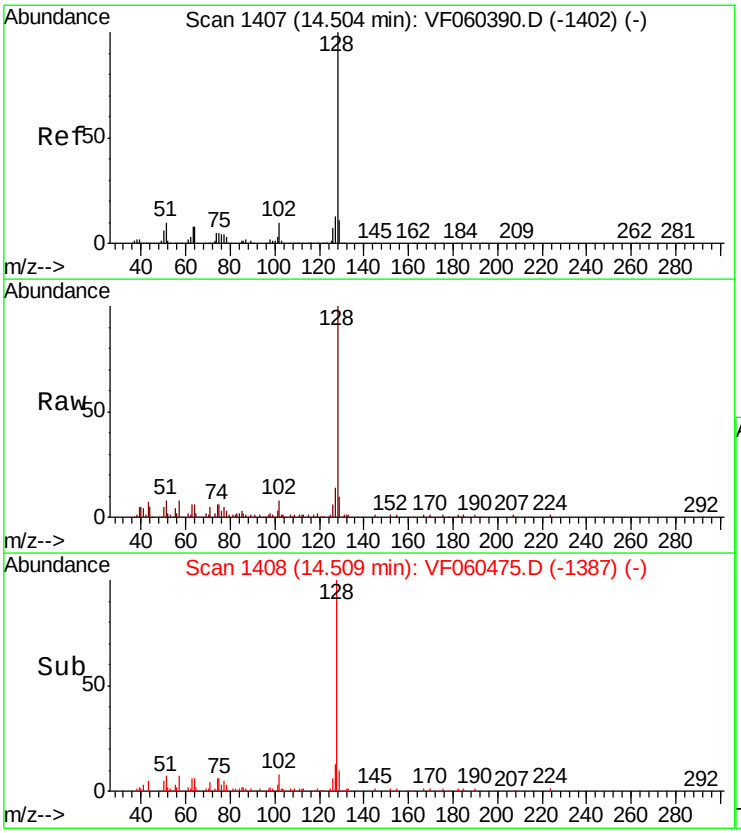
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.202 ug/l
RT: 13.70 min Scan# 1326
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)

Tgt Ion: 75 Resp: 904

Ion	Ratio	Lower	Upper
75	100		
155	377.3	37.9	113.6#
157	0.0	51.3	154.0#





#95
Naphthalene
Concen: 4.467 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion:128 Resp: 51182

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.0	15.0
129	10.3	8.7	13.1