Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062018\
Data File : VF059253.D
Acq On : 21 Jun 2018 5:47
Operator : VA/AP
Sample : J3570-03
Misc : 5.17g/5mL/MSVOA-F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 21 08:04:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	172216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	268783	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	235563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	121314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	130883	62.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 125.32%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	7.71	98	259021	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.50%			
62) 4-Bromofluorobenzene	11.51	95	144701	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.84%			
Target Compounds						Qvalue
3) Chloromethane	1.11	50	2215	1.467	ug/l #	72
8) Diethyl Ether	1.69	74	905	1.699	ug/l	69
11) Tert butyl alcohol	2.69	59	1330	9.938	ug/l #	28
13) Acrolein	2.06	56	230	1.986	ug/l	94
15) Acrylonitrile	3.09	53	645	2.427	ug/l #	28
16) Acetone	2.33	43	142046	284.844	ug/l #	91
17) Carbon Disulfide	1.87	76	168573	52.910	ug/l	97
18) Methyl Acetate	2.33	43	139501	162.727	ug/l #	66
20) Methylene Chloride	2.27	84	5179	4.337	ug/l #	72
25) 2-Butanone	4.50	43	27082	35.029	ug/l #	90
29) Tetrahydrofuran	4.25	42	754	2.213	ug/l #	53
39) Methylcyclohexane	5.64	83	5151	1.940	ug/l #	77
49) 1,4-Dioxane	6.86	88	64	18.968	ug/l #	29
51) 4-Methyl-2-Pentanone	8.42	43	13598	9.202	ug/l #	67
56) Ethyl methacrylate	8.76	69	12778	6.423	ug/l #	91
59) 2-Hexanone	9.61	43	21005	17.971	ug/l	68
74) N-amyl acetate	11.47	43	10168	3.389	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	11.76	83	15446	7.757	ug/l #	35
89) n-Butylbenzene	12.92	91	1788	Below Cal		71
95) Naphthalene	14.53	128	12019	2.140	ug/l	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059253.D
Acq On : 21 Jun 2018 5:47
Operator : VA/AP
Sample : J3570-03
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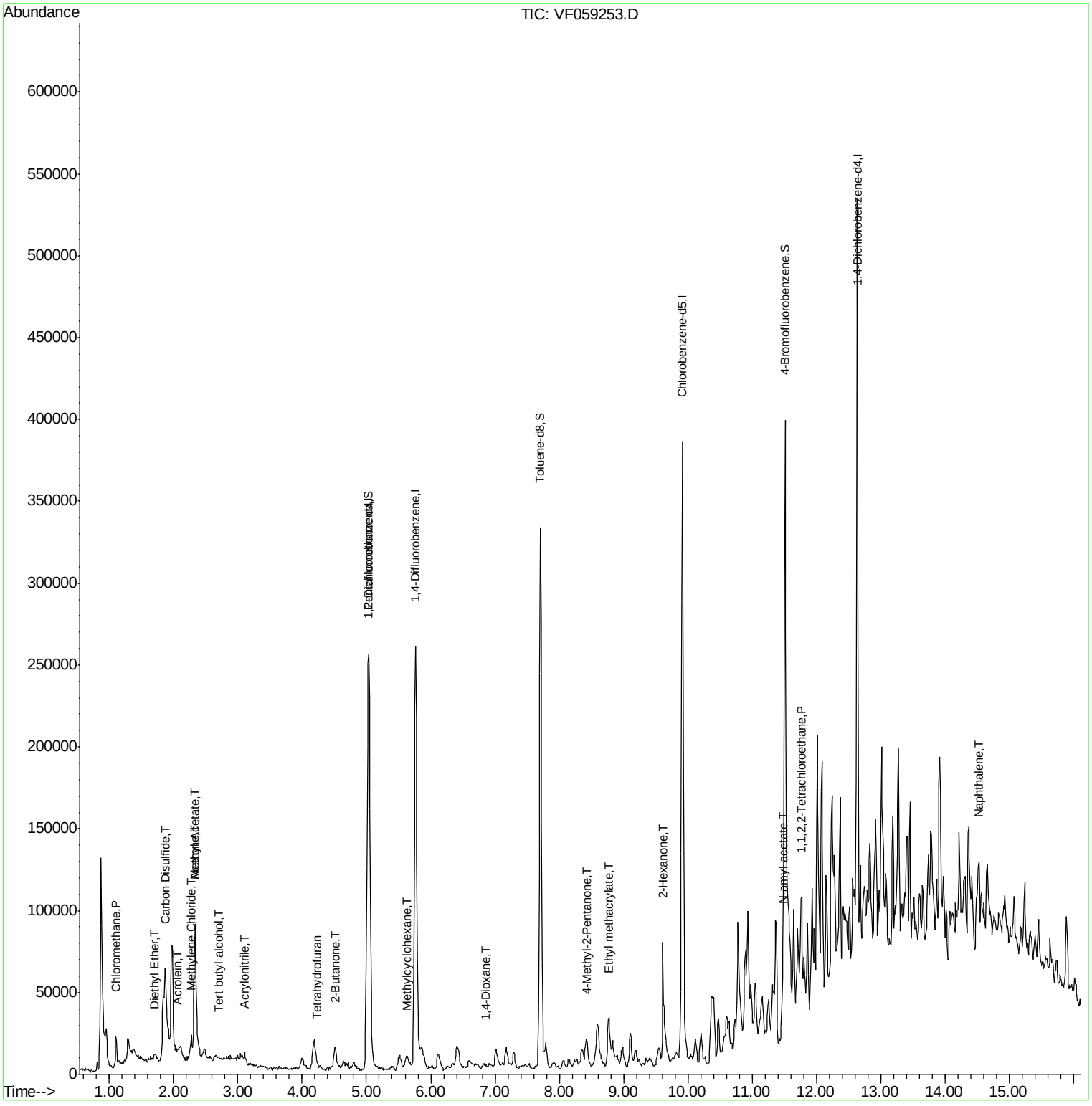
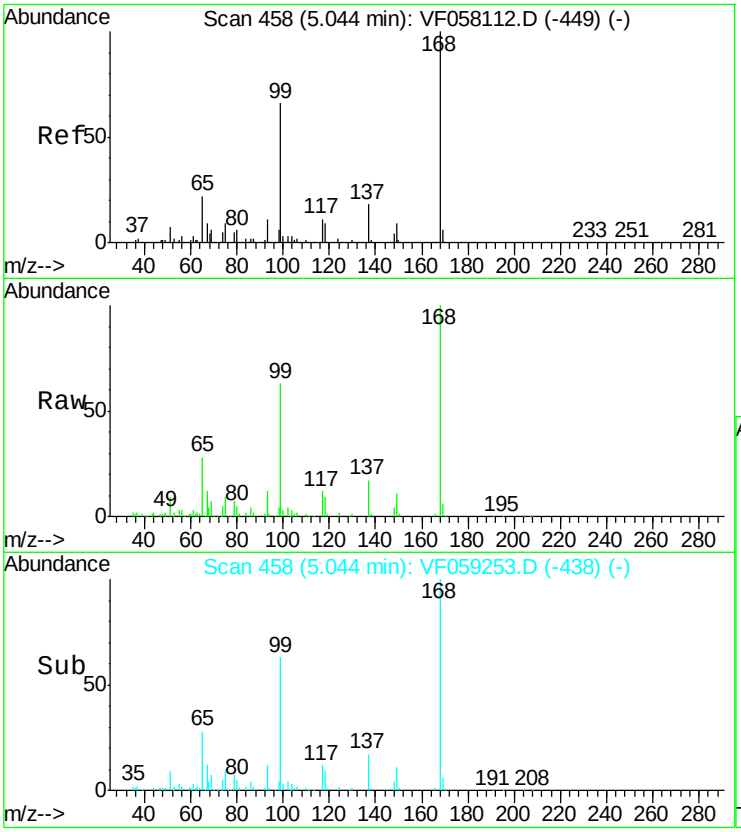
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 21 08:04:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration



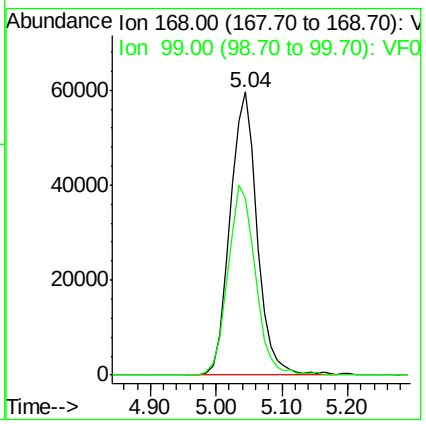


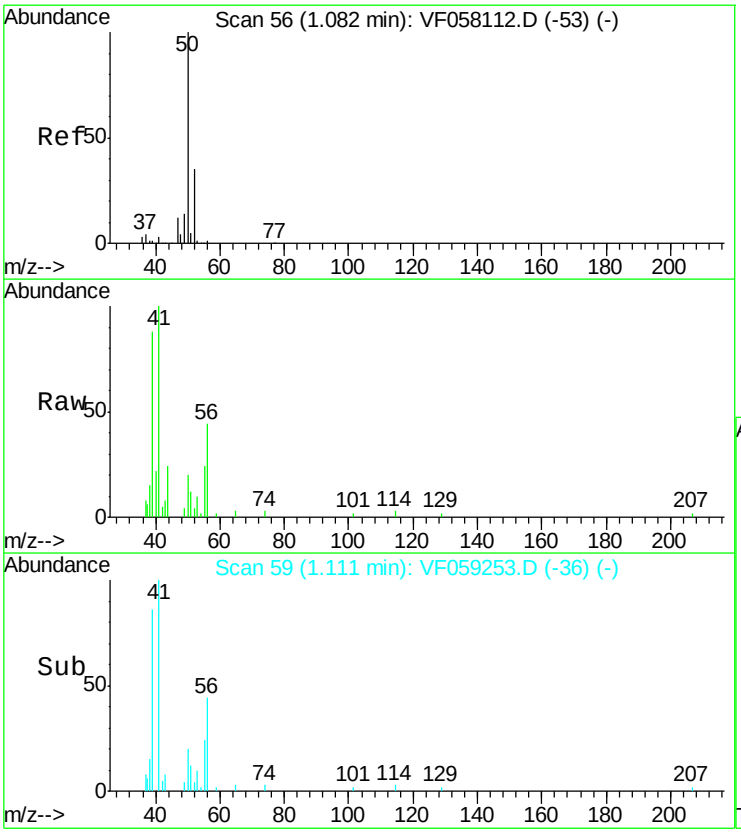
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 172216

Ion	Ratio	Lower	Upper
168	100		
99	62.6	52.9	79.3

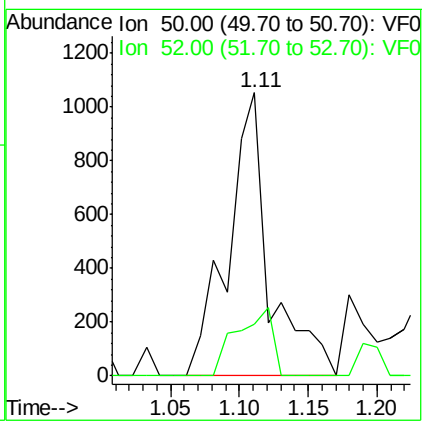


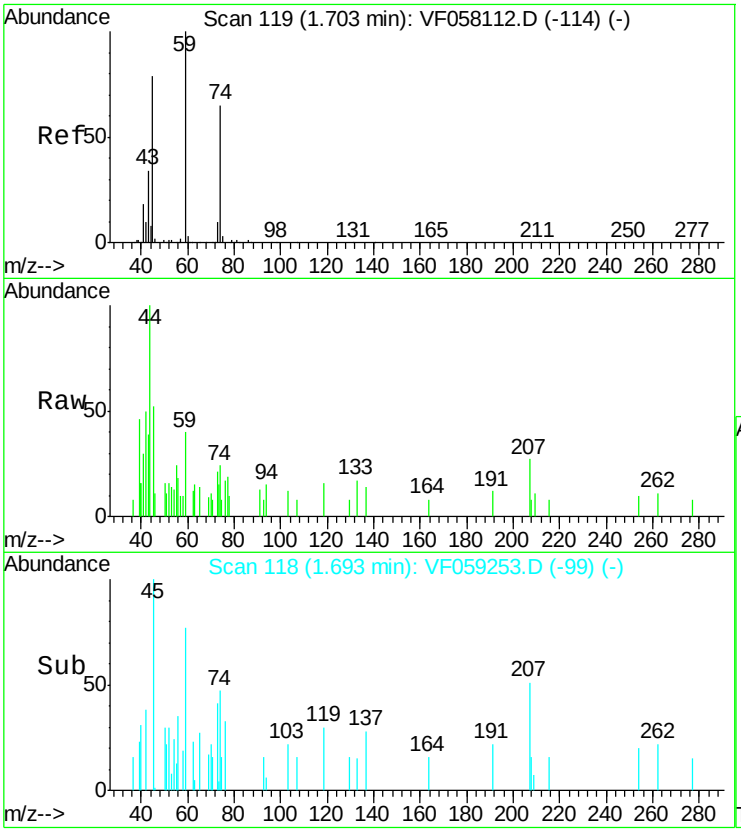


#3
Chloromethane
Concen: 1.467 ug/l
RT: 1.11 min Scan# 59
Delta R.T. 0.03 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 50 Resp: 2215

Ion	Ratio	Lower	Upper
50	100		
52	18.2	27.3	40.9#



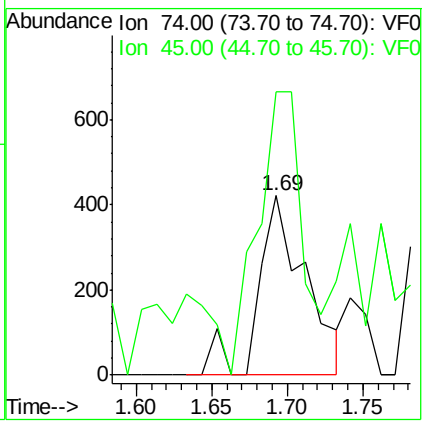


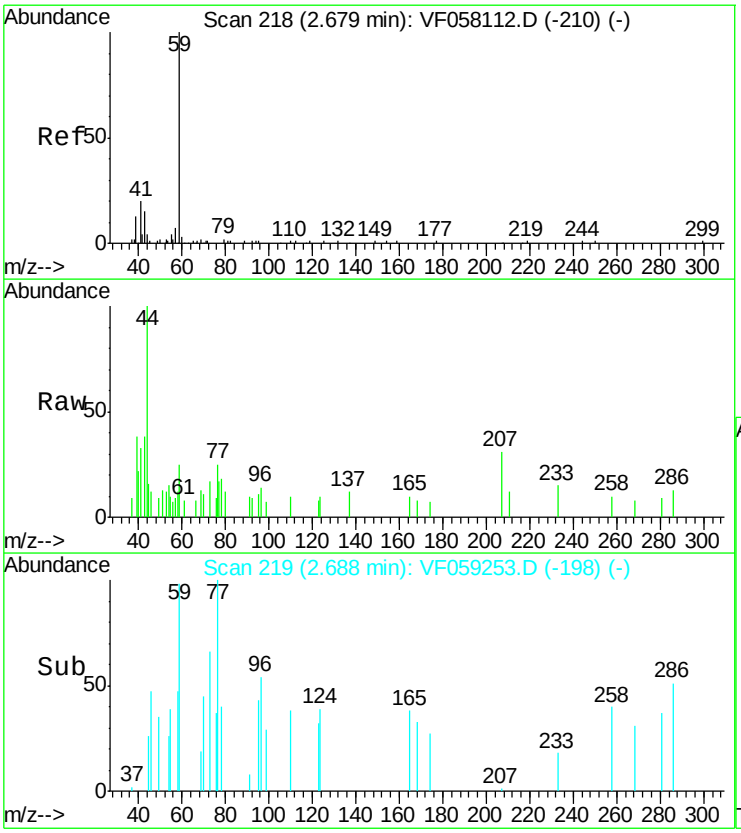
#8
Diethyl Ether
Concen: 1.699 ug/l
RT: 1.69 min Scan# 118
Delta R.T. -0.01 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 905

Ion	Ratio	Lower	Upper
74	100		
45	157.6	61.5	184.4

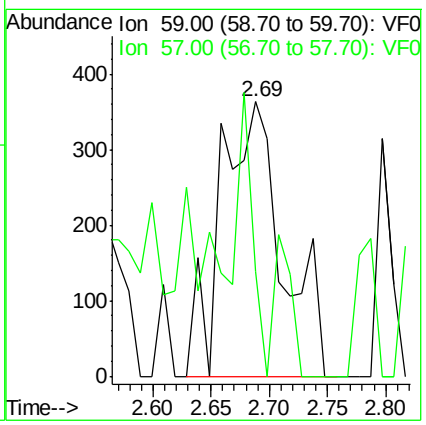


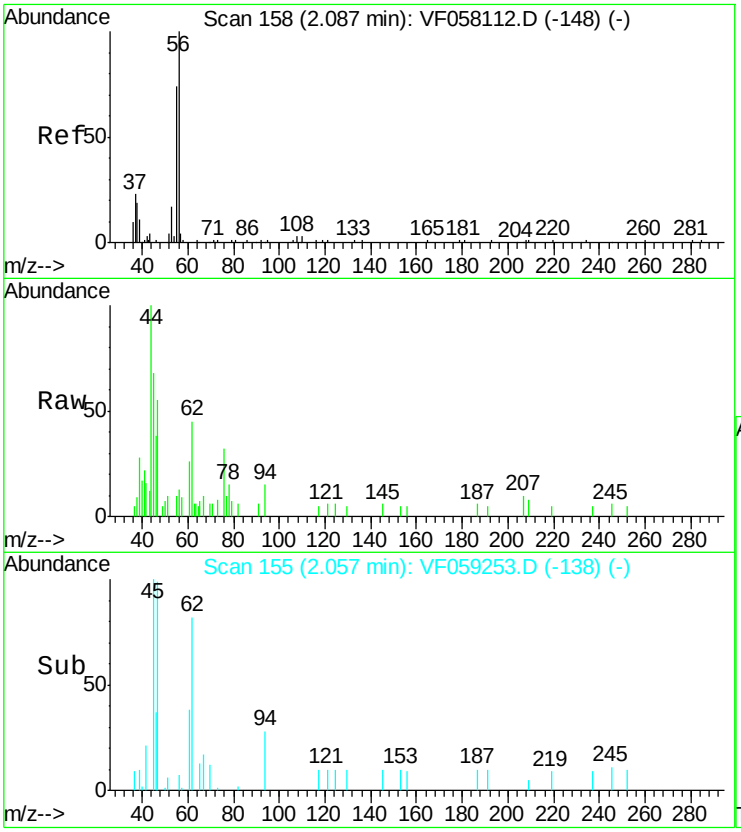


#11
Tert butyl alcohol
Concen: 9.938 ug/l
RT: 2.69 min Scan# 219
Delta R.T. 0.01 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 59 Resp: 1330

Ion	Ratio	Lower	Upper
59	100		
57	38.0	8.7	13.1#



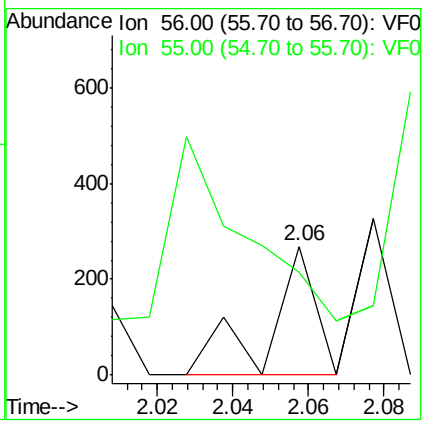


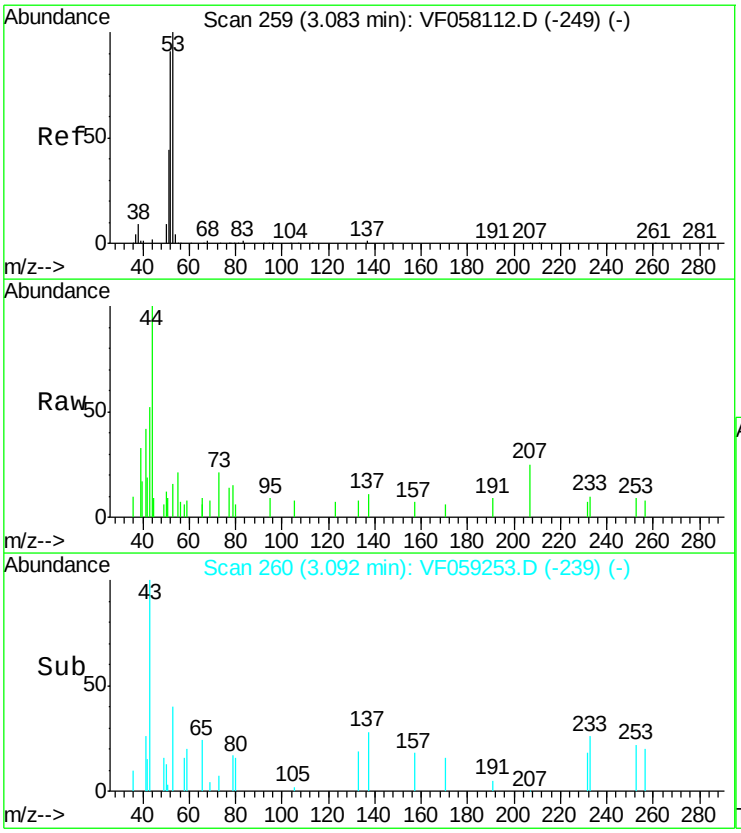
#13
Acrolein
Concen: 1.986 ug/l
RT: 2.06 min Scan# 155
Delta R.T. -0.03 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 230

Ion	Ratio	Lower	Upper
56	100		
55	79.9	60.0	90.0

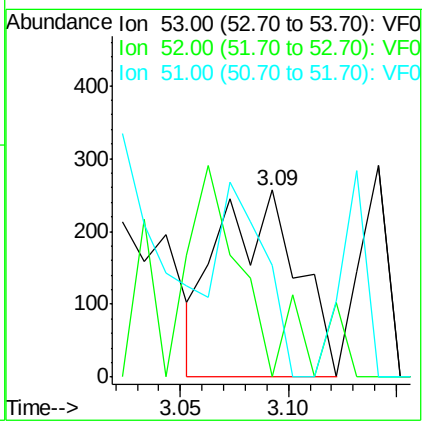


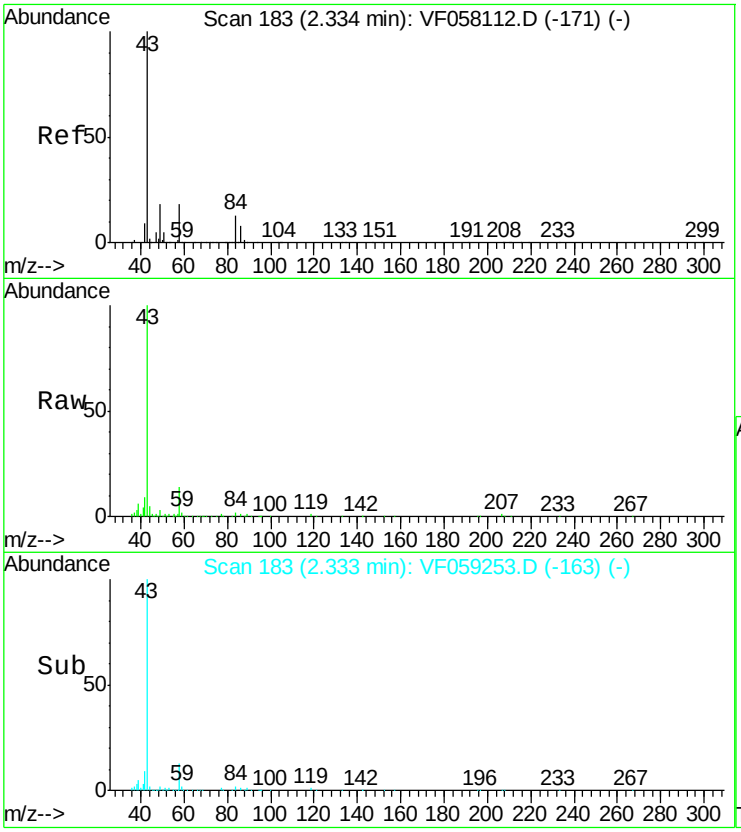


#15
Acrylonitrile
Concen: 2.427 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 53 Resp: 645

Ion	Ratio	Lower	Upper
53	100		
52	0.0	73.2	109.8#
51	59.5	35.6	53.4#



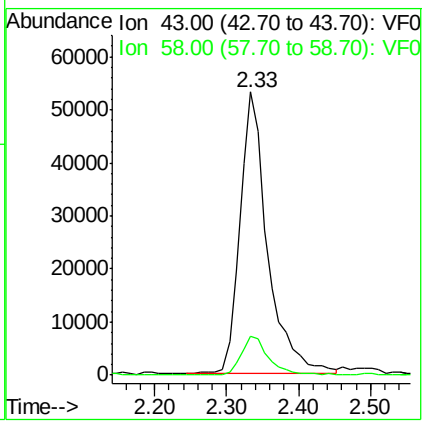


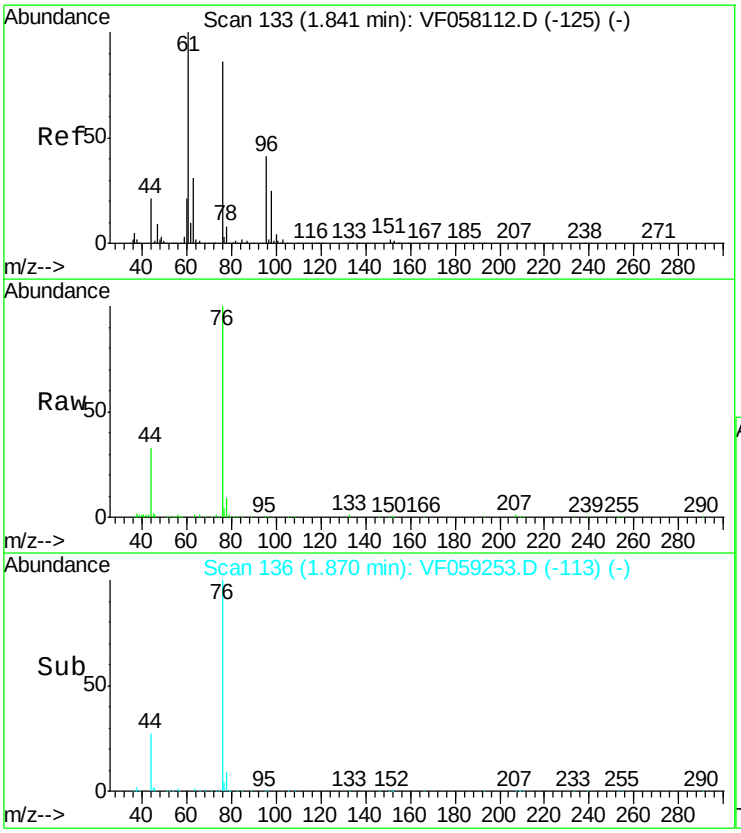
#16
Acetone
Concen: 284.844 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 142046

Ion	Ratio	Lower	Upper
43	100		
58	13.9	14.4	21.6#

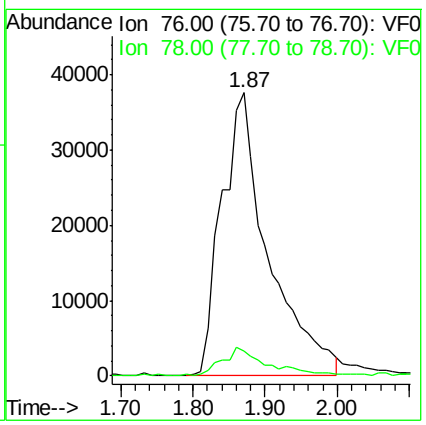


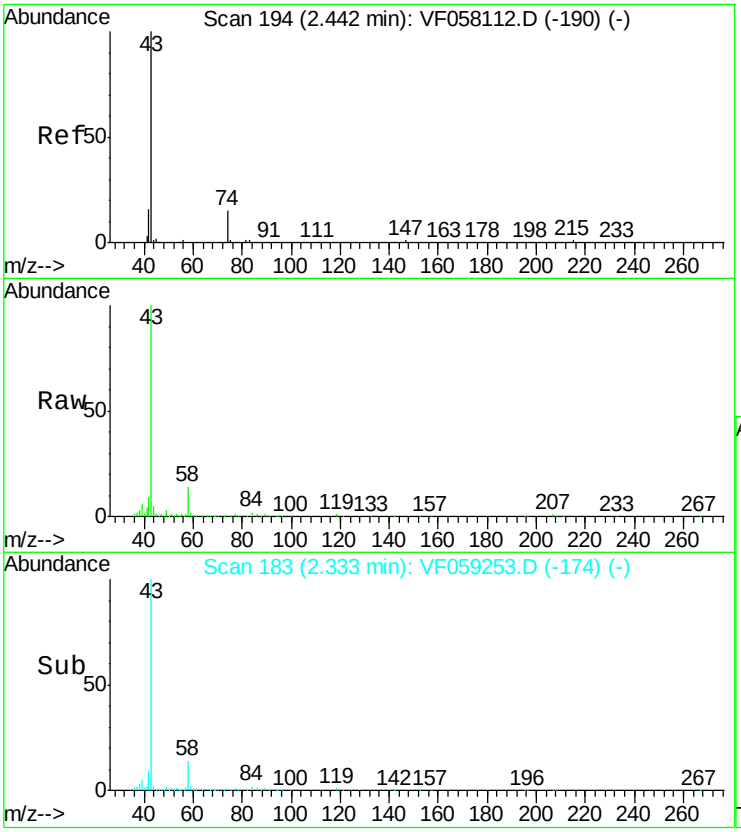


#17
Carbon Disulfide
Concen: 52.910 ug/l
RT: 1.87 min Scan# 136
Delta R.T. 0.03 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 76 Resp: 168573

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.8	11.8



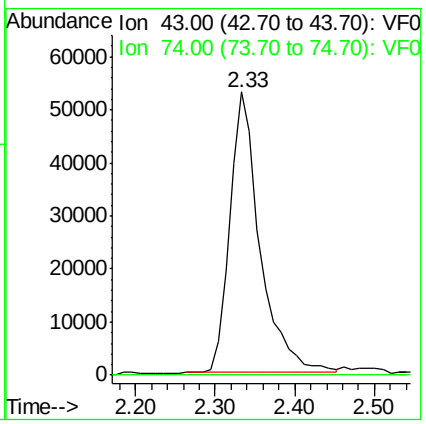


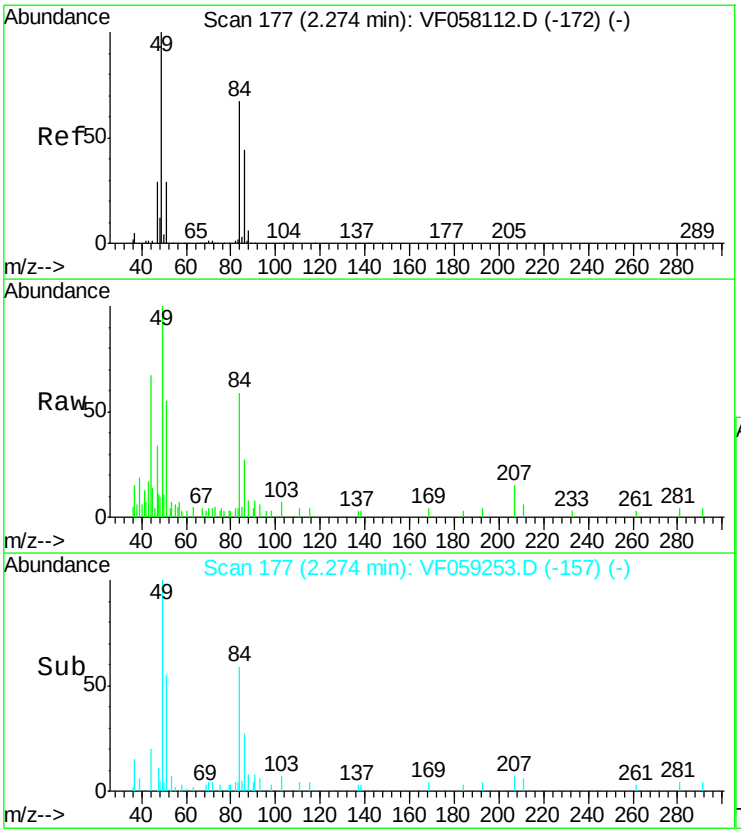
#18
Methyl Acetate
Concen: 162.727 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.11 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 139501

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.9	16.3#

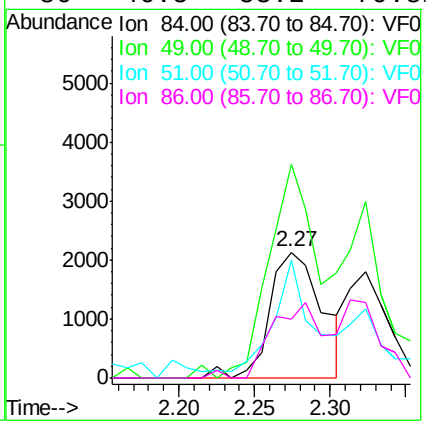


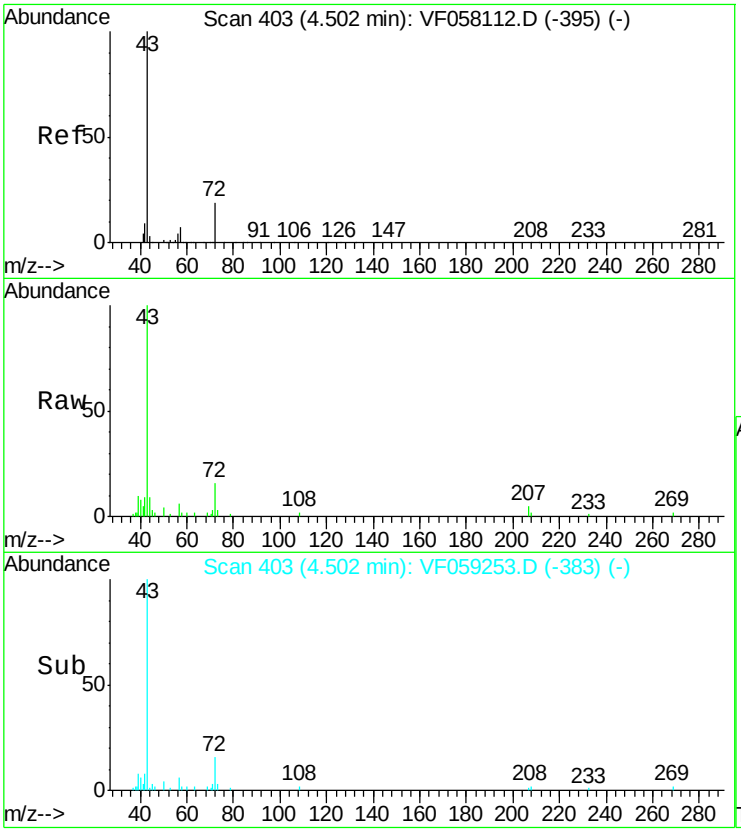


#20
Methylene Chloride
Concen: 4.337 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 84 Resp: 5179

Ion	Ratio	Lower	Upper
84	100		
49	170.1	121.0	181.4
51	94.2	35.8	53.6#
86	46.5	53.2	79.8#



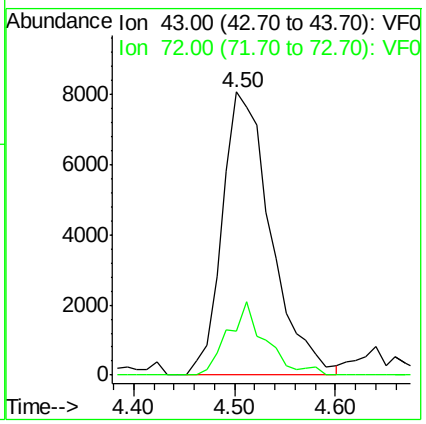


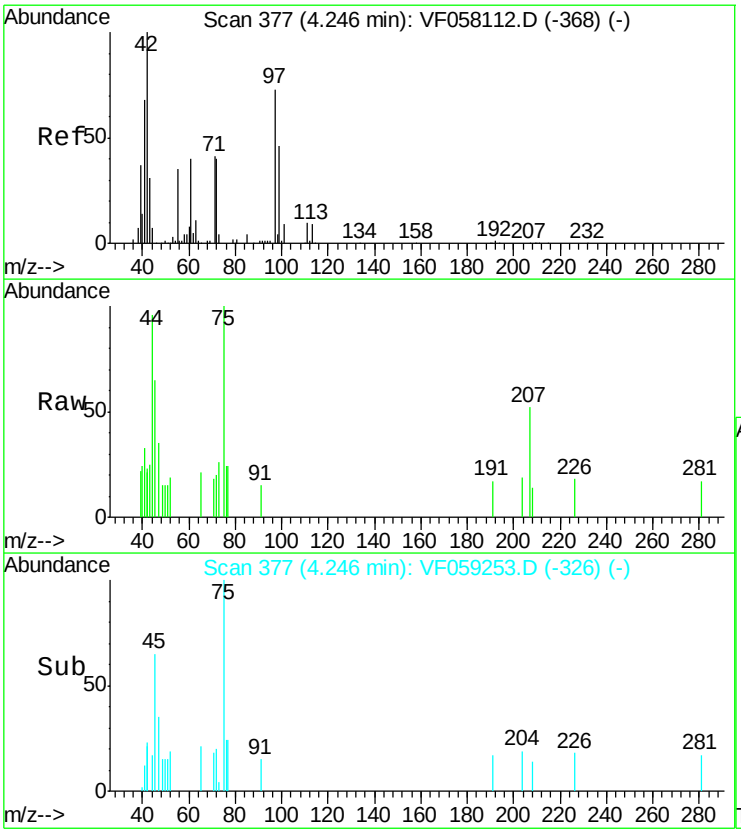
#25
2-Butanone
Concen: 35.029 ug/l
RT: 4.50 min Scan# 403
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 27082

Ion	Ratio	Lower	Upper
43	100		
72	15.7	16.1	24.1#

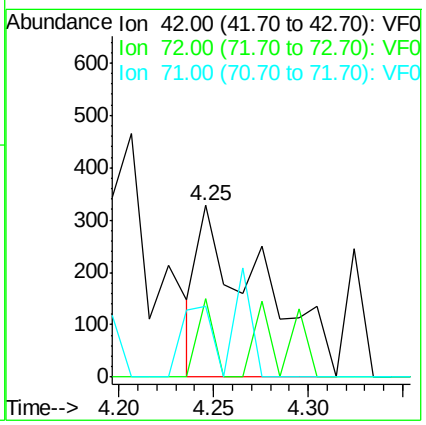


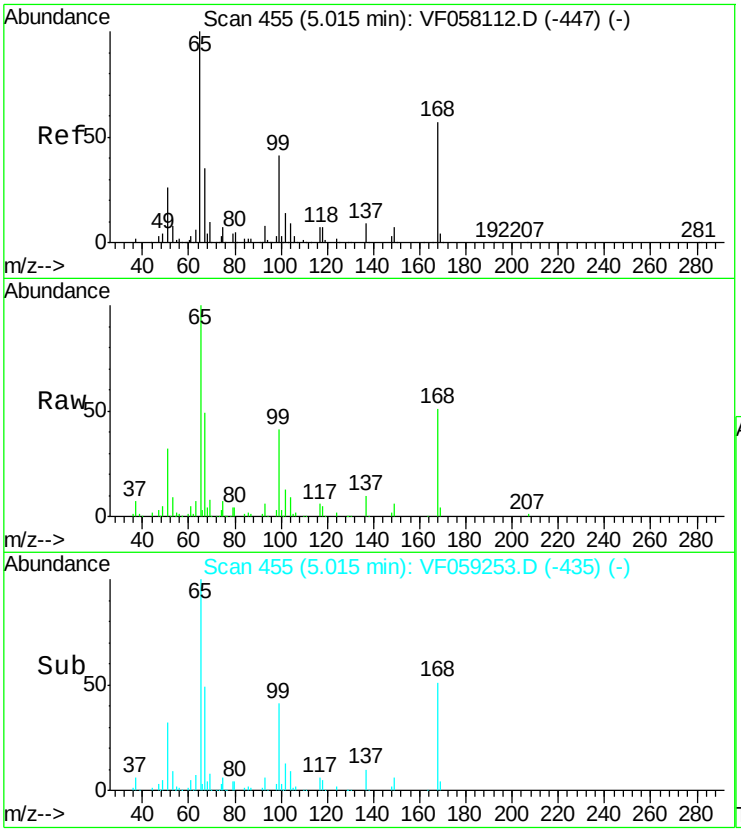


#29
Tetrahydrofuran
Concen: 2.213 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 42 Resp: 754

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	20.7	31.5	47.3#



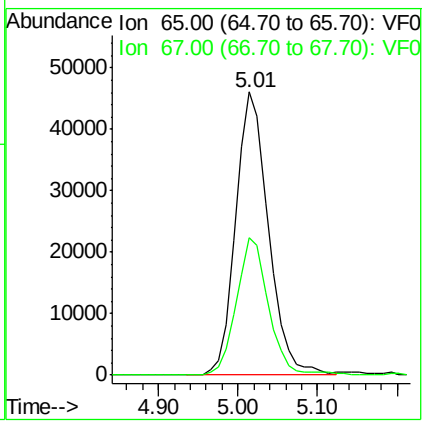


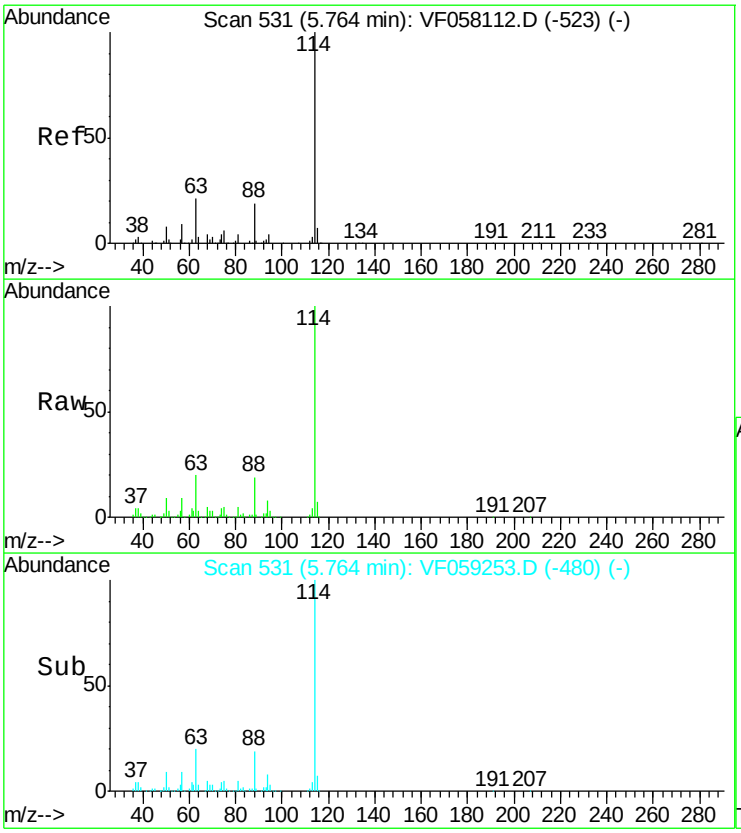
#33
1,2-Dichloroethane-d4
Concen: 62.664 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 130883

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	97.0

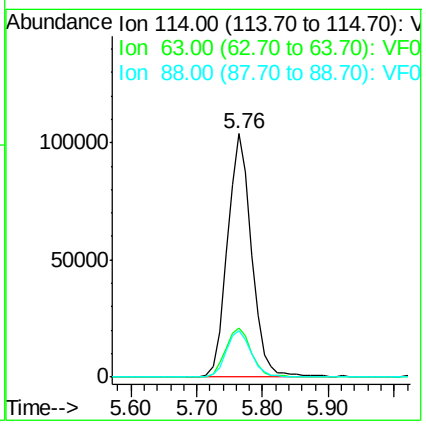


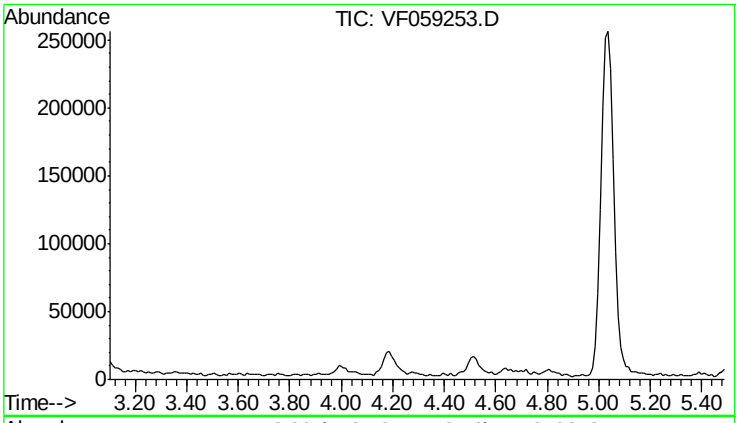


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion:114 Resp: 268783

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.6
88	19.0	0.0	38.8





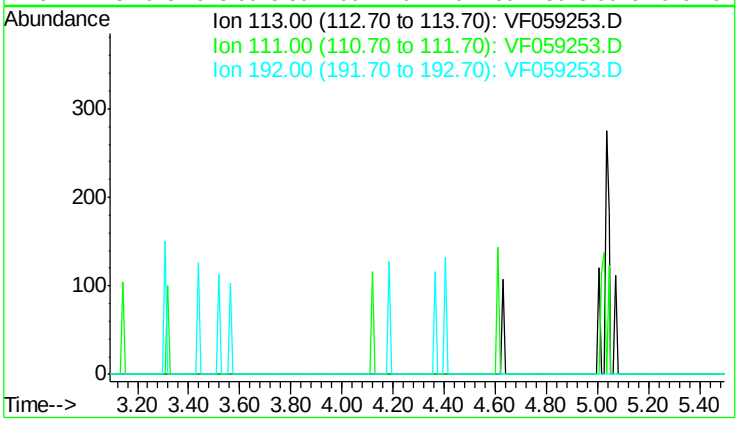
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.30 min

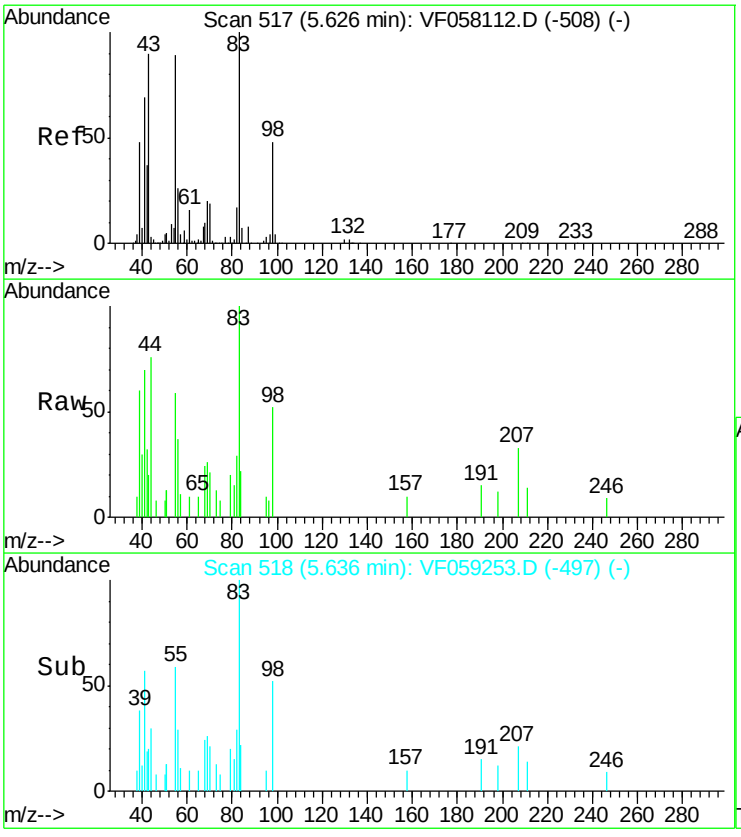
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	101.6
192	15.9

Instrument :
MSVOA_F
ClientSampleId :

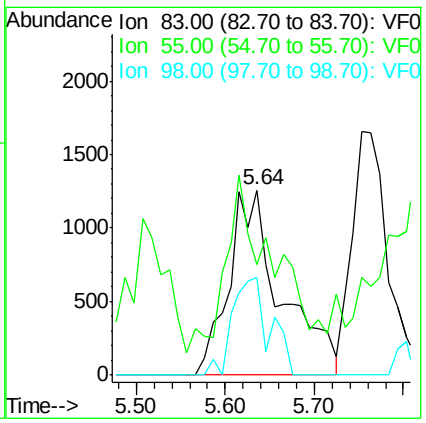


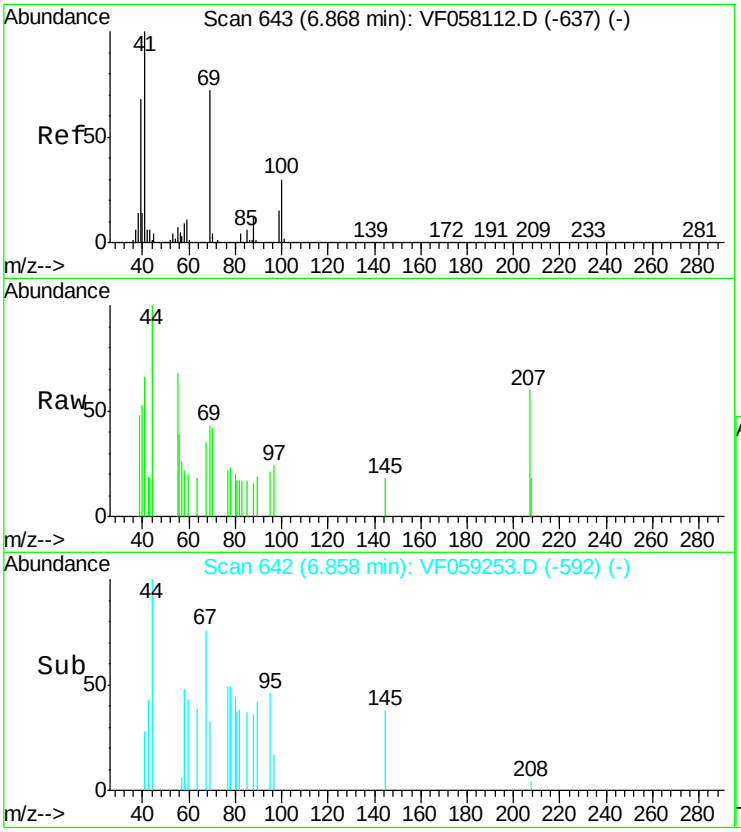


#39
Methylcyclohexane
Concen: 1.940 ug/l
RT: 5.64 min Scan# 518
Delta R.T. 0.01 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 83 Resp: 5151

Ion	Ratio	Lower	Upper
83	100		
55	59.5	71.0	106.4#
98	52.5	38.1	57.1



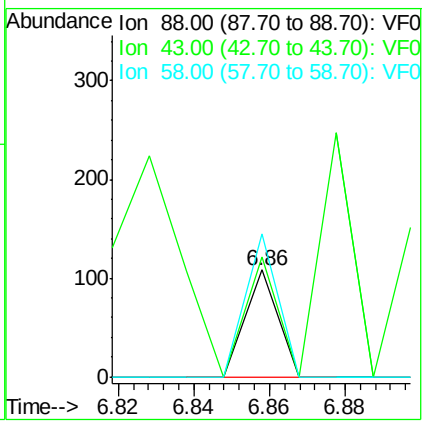


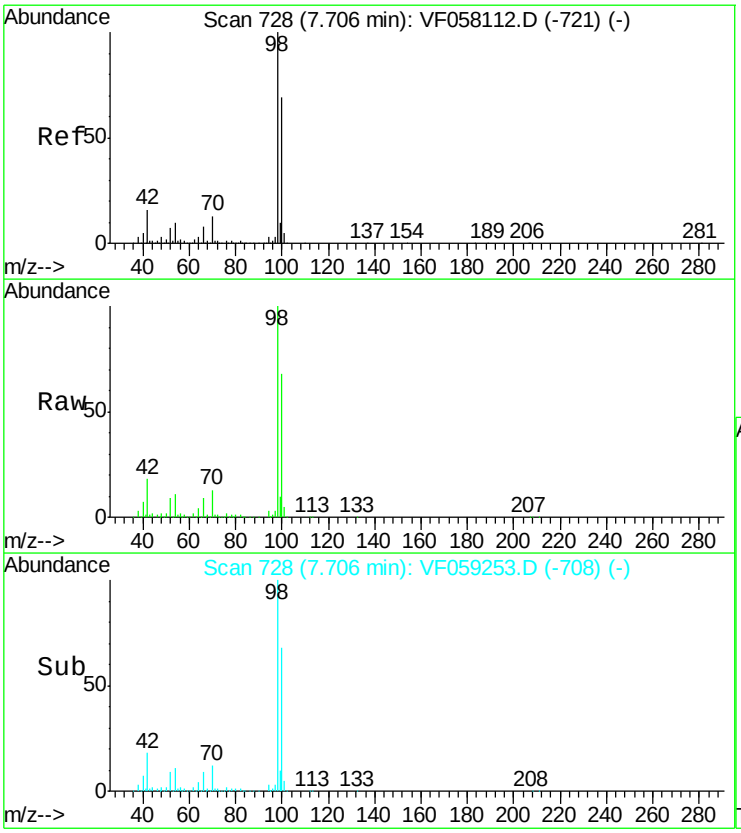
#49
1,4-Dioxane
Concen: 18.968 ug/l
RT: 6.86 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	113.0	47.8	71.8#
58	134.3	59.4	89.0#

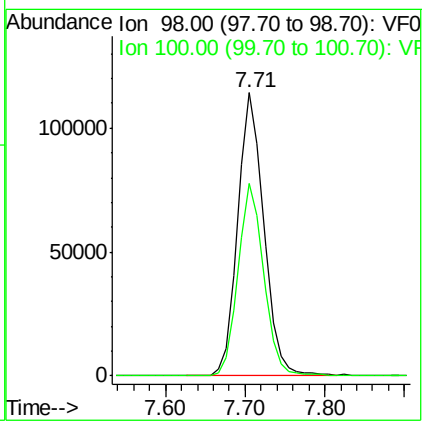


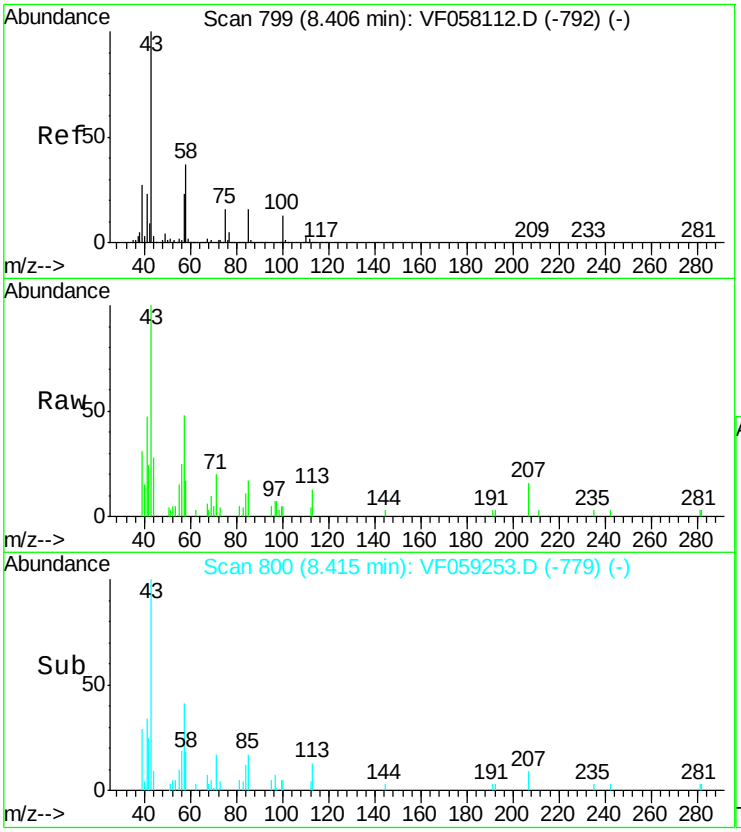


#50
Toluene-d8
Concen: 46.749 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 98 Resp: 259021

Ion	Ratio	Lower	Upper
98	100		
100	67.9	55.6	83.4



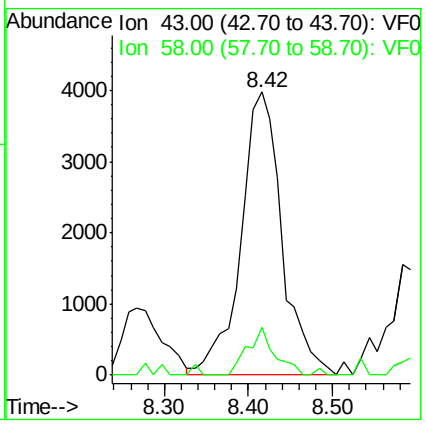


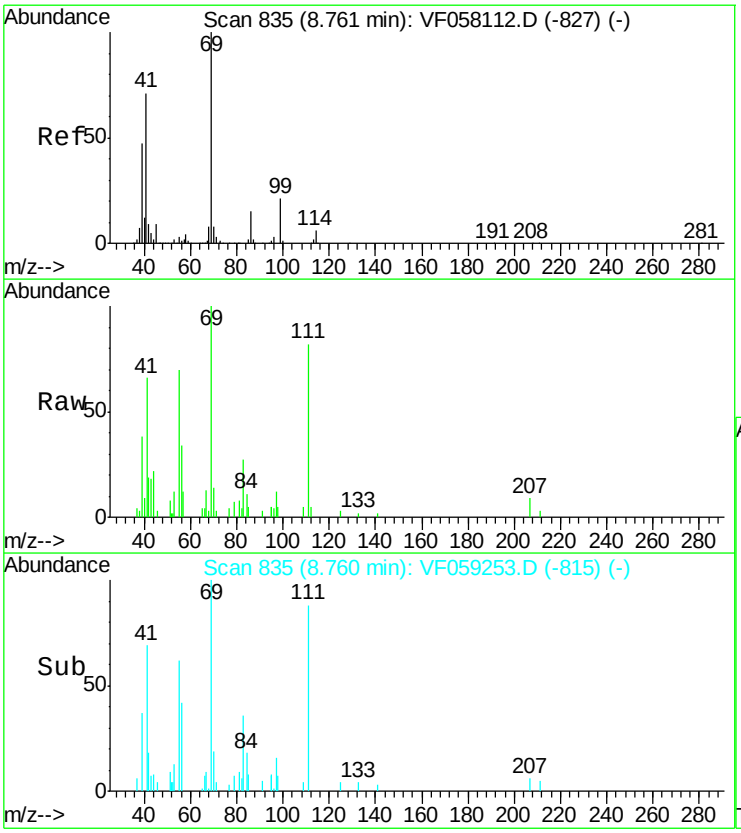
#51
4-Methyl-2-Pentanone
Concen: 9.202 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.01 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 13598

Ion	Ratio	Lower	Upper
43	100		
58	17.0	29.4	44.0#

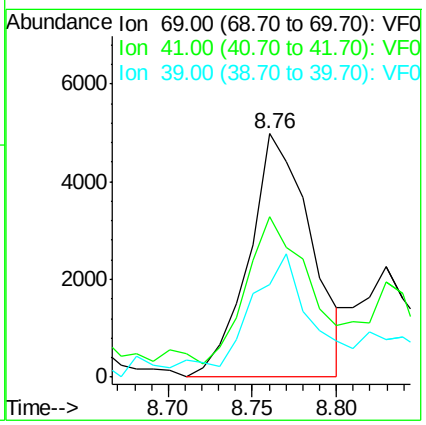


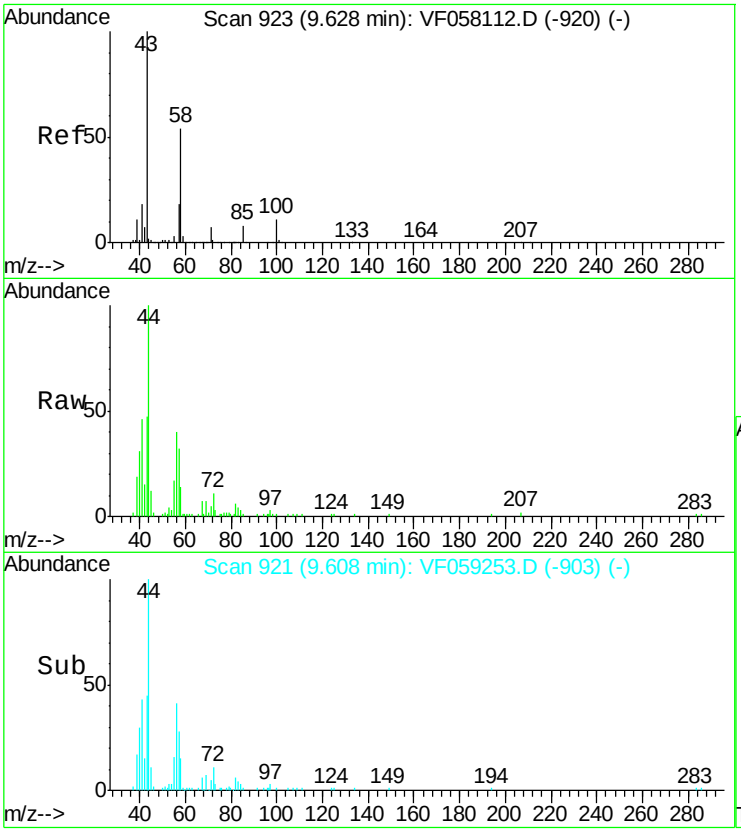


#56
Ethyl methacrylate
Concen: 6.423 ug/l
RT: 8.76 min Scan# 835
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 69 Resp: 12778

Ion	Ratio	Lower	Upper
69	100		
41	66.1	56.9	85.3
39	38.0	38.0	57.0#



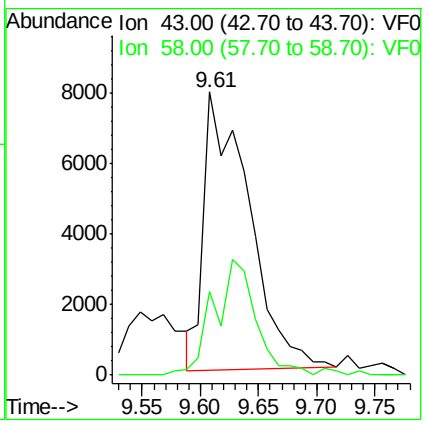


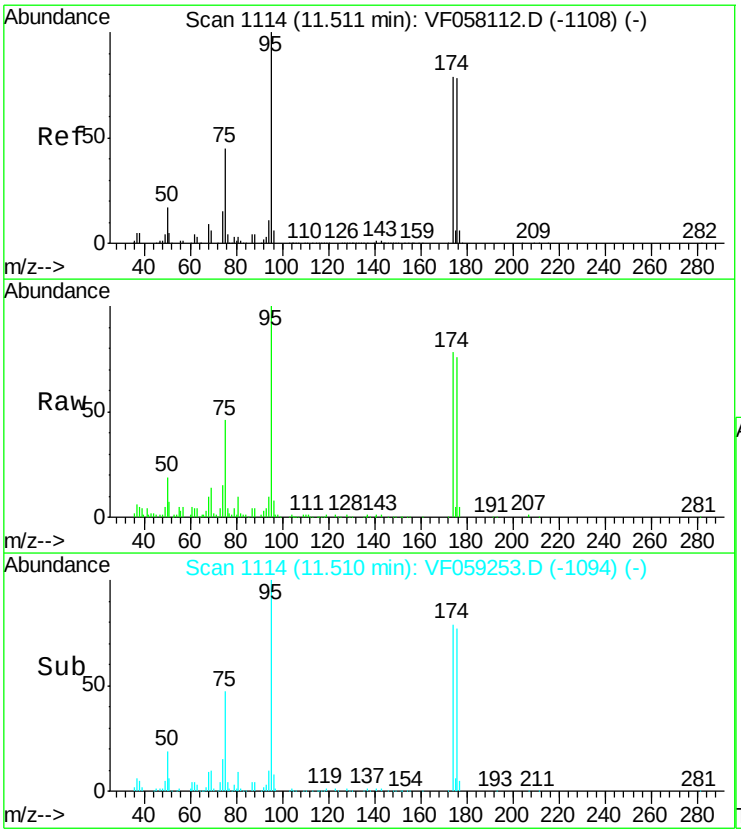
#59
2-Hexanone
Concen: 17.971 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 21005

Ion	Ratio	Lower	Upper
43	100		
58	29.7	26.3	78.8

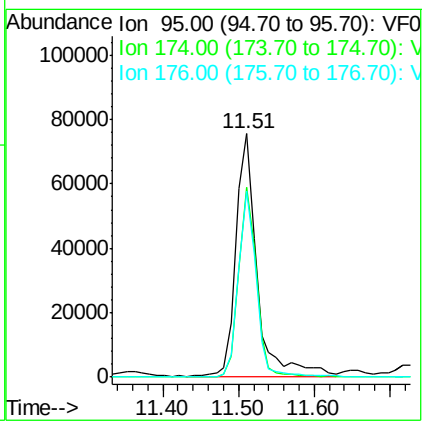


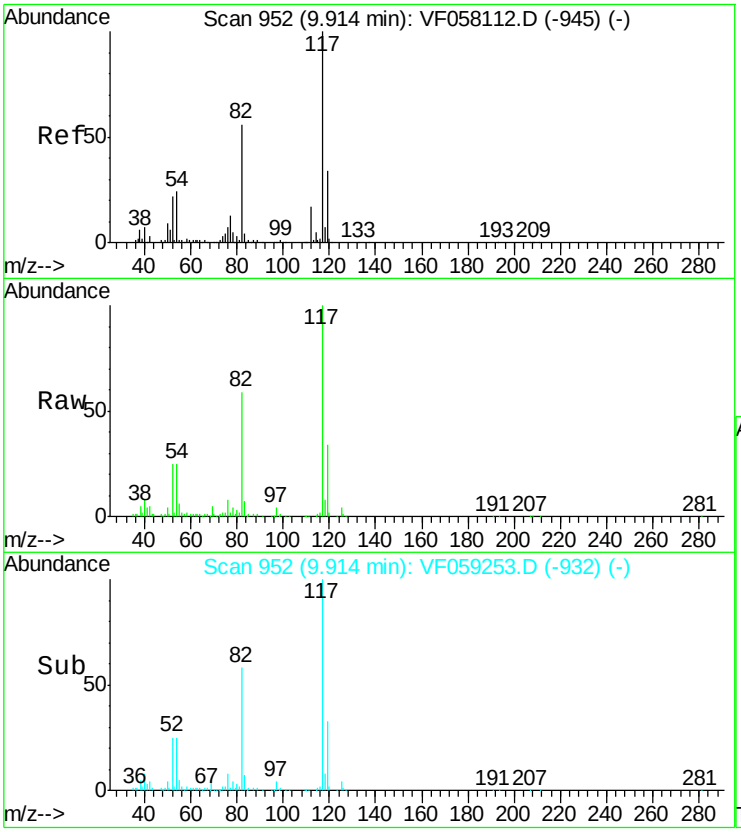


#62
4-Bromofluorobenzene
Concen: 50.919 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 95 Resp: 144701

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	157.8
176	76.4	0.0	155.8



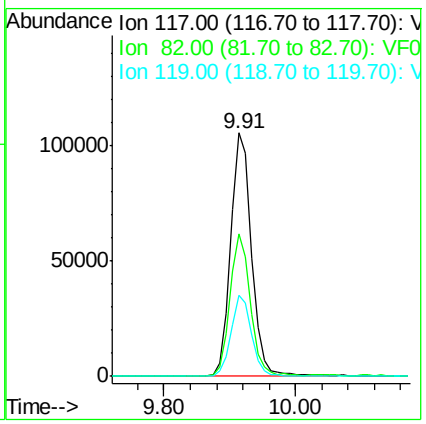


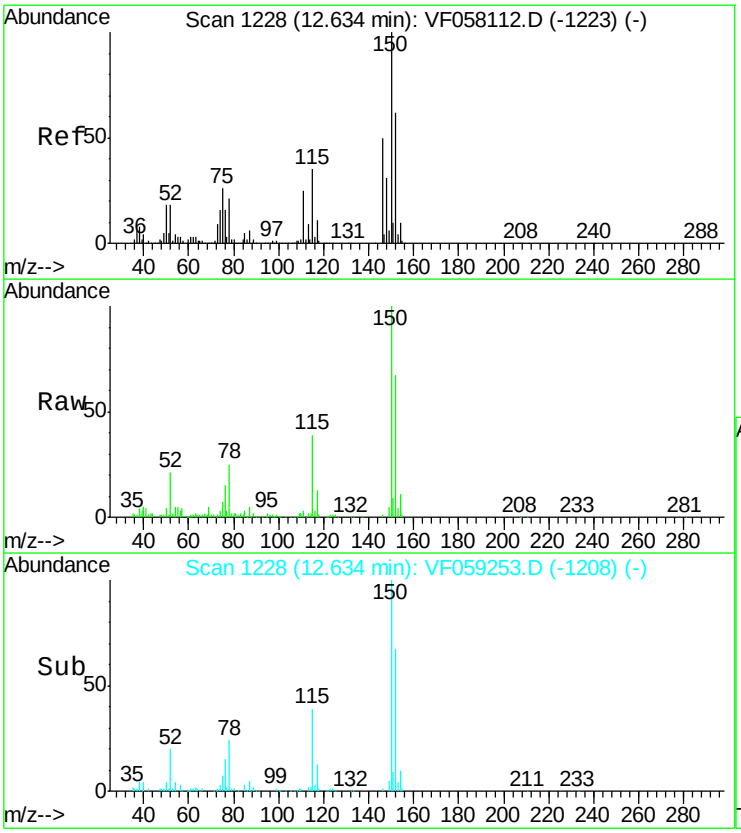
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 235563

Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.2	67.8
119	33.5	27.5	41.3

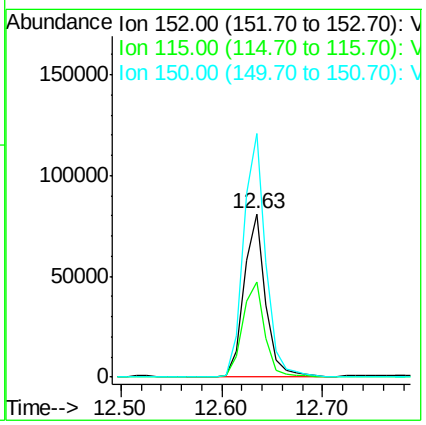


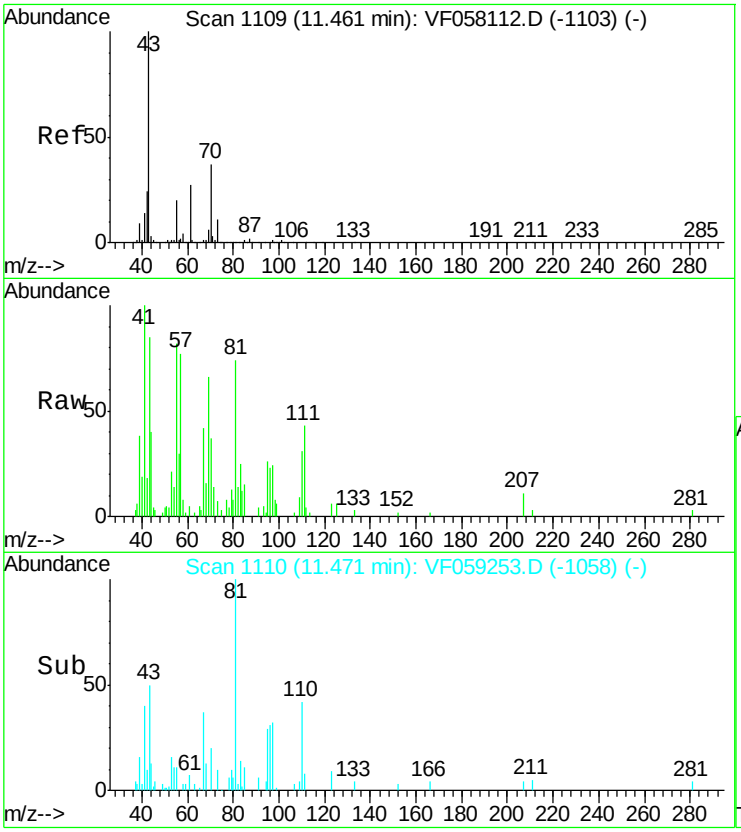


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion:152 Resp: 121314

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.5	85.5
150	148.9	0.0	323.8



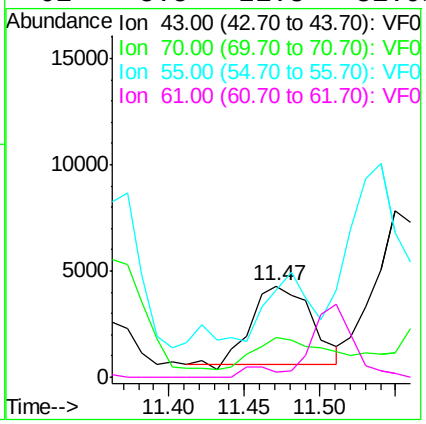


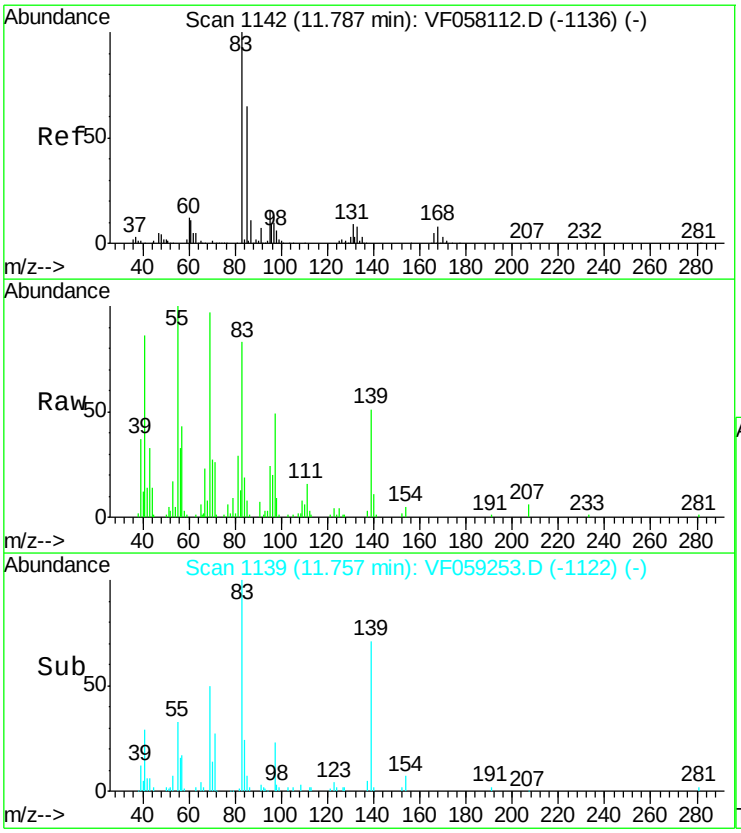
#74
N-amyl acetate
Concen: 3.389 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 10168

Ion	Ratio	Lower	Upper
43	100		
70	43.9	29.2	43.8#
55	96.0	15.8	23.6#
61	5.5	21.3	31.9#

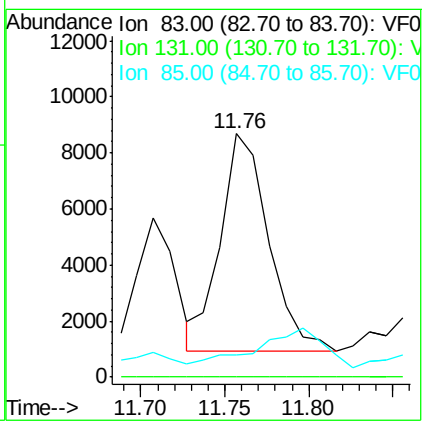


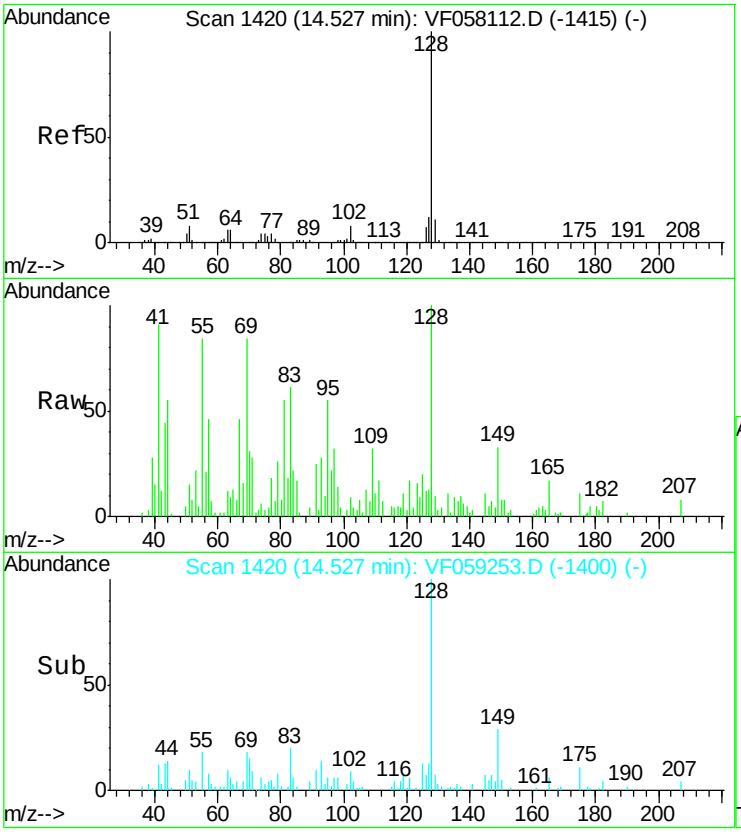


#75
1,1,2,2-Tetrachloroethane
Concen: 7.757 ug/l
RT: 11.76 min Scan# 1139
Delta R.T. -0.03 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Tgt Ion: 83 Resp: 15446

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.7#
85	9.2	32.8	98.3#





#95
Naphthalene
Concen: 2.140 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF059253.D
Acq: 21 Jun 2018 5:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 12019

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.9	14.9
129	9.8	8.7	13.1