Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062618\
Data File : VF059311.D
Acq On : 26 Jun 2018 12:22
Operator : VA/AP
Sample : VF0626SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0626SBL01

Quant Time: Jun 27 02:18:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	312495	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	478745	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	489326	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	313069	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	191514	47.44	ug/l	-0.01
Spiked Amount 50.000			Recovery = 94.88%			
35) Dibromofluoromethane	4.27	113	173357	49.56	ug/l	-0.01
Spiked Amount 50.000			Recovery = 99.12%			
50) Toluene-d8	7.69	98	390551	45.09	ug/l	-0.01
Spiked Amount 50.000			Recovery = 90.18%			
62) 4-Bromofluorobenzene	11.49	95	239088	48.94	ug/l	-0.01
Spiked Amount 50.000			Recovery = 97.88%			
Target Compounds						Qvalue
5) Bromomethane	1.34	94	336	Below Cal	#	4
11) Tert butyl alcohol	2.65	59	788	2.932	ug/l #	66
13) Acrolein	1.94	56	290	Below Cal		93
15) Acrylonitrile	3.07	53	857	1.811	ug/l #	83
16) Acetone	2.32	43	4332	Below Cal		100
18) Methyl Acetate	2.46	43	4063	1.091	ug/l #	61
20) Methylene Chloride	2.26	84	20296	1.848	ug/l	91
25) 2-Butanone	4.50	43	2897	Below Cal		97
28) Bromochloromethane	3.85	49	82	Below Cal	#	6
29) Tetrahydrofuran	4.23	42	1748	Below Cal	#	61
37) Ethyl Acetate	4.26	43	1005	Below Cal	#	70
39) Methylcyclohexane	5.74	83	5849	1.578	ug/l #	46
49) 1,4-Dioxane	6.88	88	80	Below Cal	#	30
51) 4-Methyl-2-Pentanone	8.38	43	8769	3.398	ug/l #	79
59) 2-Hexanone	9.61	43	27373	Below Cal		97
74) N-amyl acetate	11.45	43	19614	2.963	ug/l	96
87) 1,3-Dichlorobenzene	12.55	146	4244	Below Cal		77
95) Naphthalene	14.51	128	20902	1.471	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.66	180	6870	1.068	ug/l	92

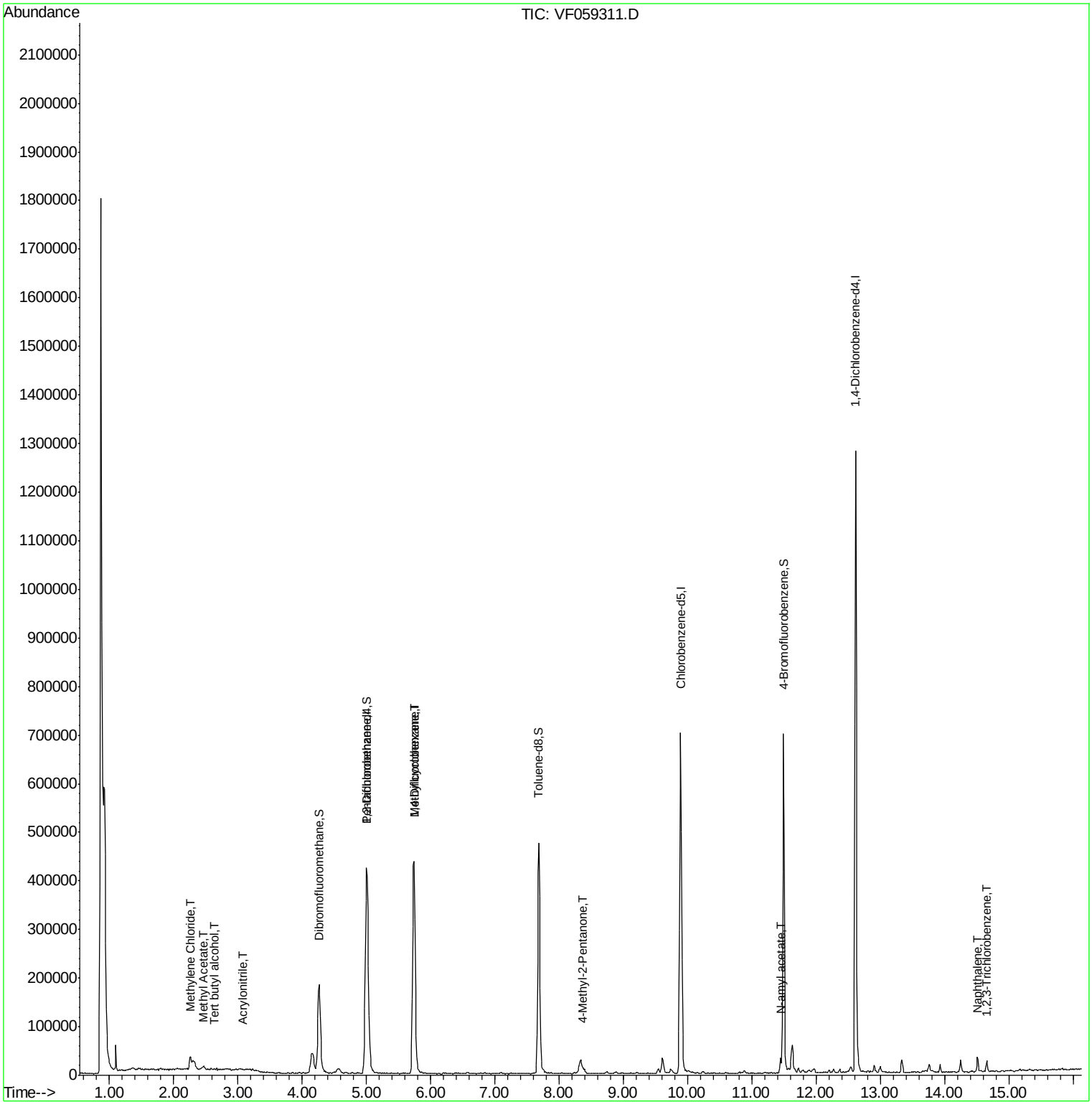
(#) = qualifier out of range (m) = manual integration (+) = signals summed

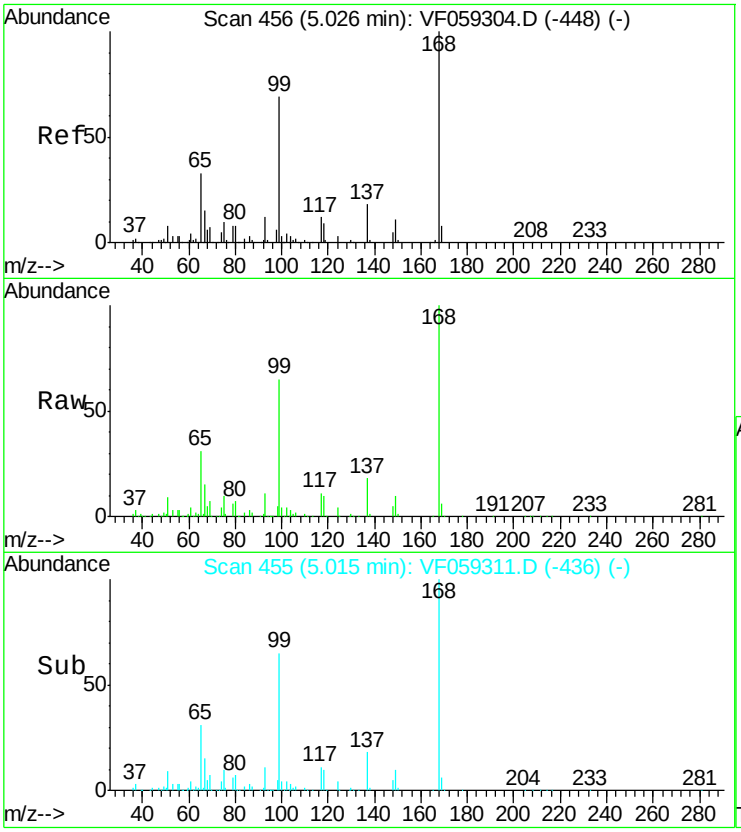
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062618\
Data File : VF059311.D
Acq On : 26 Jun 2018 12:22
Operator : VA/AP
Sample : VF0626SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0626SBL01

Quant Time: Jun 27 02:18:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration



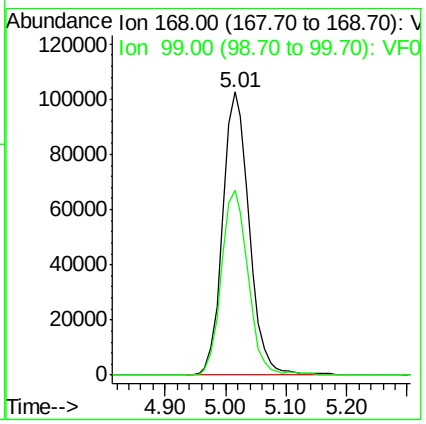


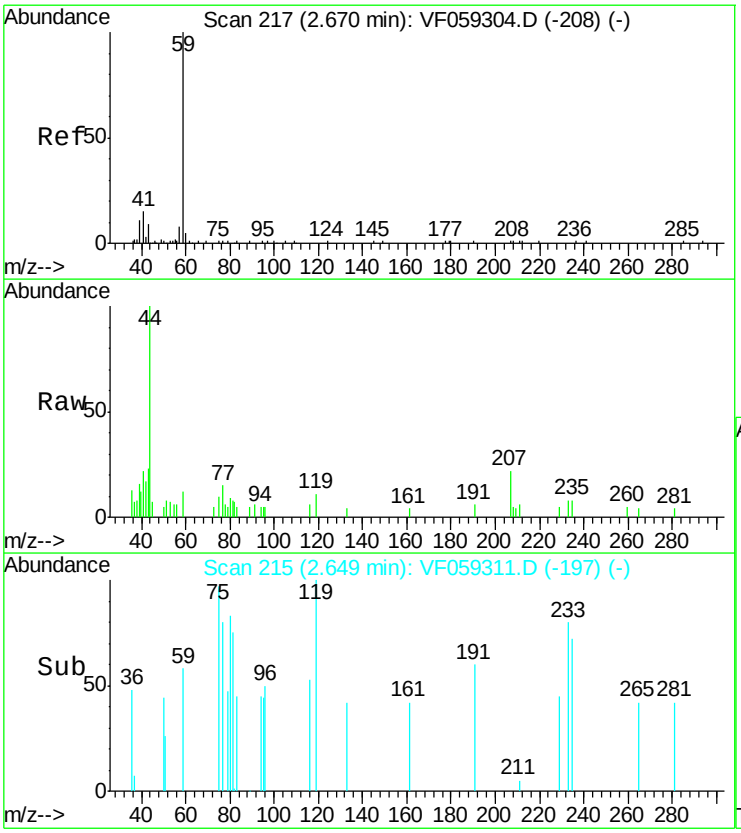
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF0626SBL01

Tgt Ion:168 Resp: 312495

Ion	Ratio	Lower	Upper
168	100		
99	65.3	54.9	82.3

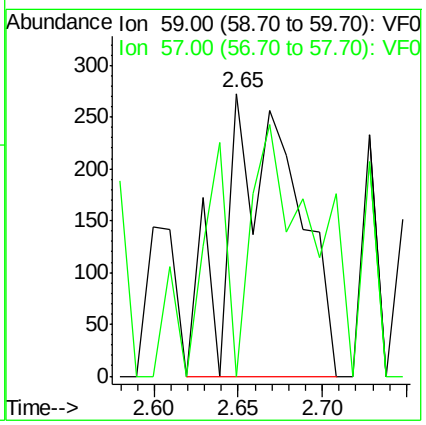


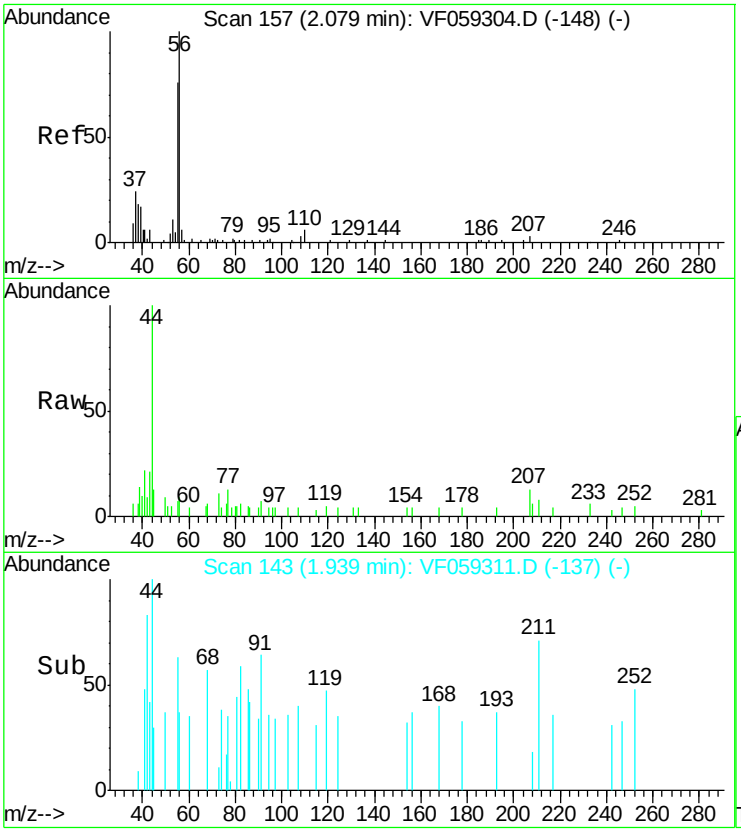


#11
Tert butyl alcohol
Concen: 2.932 ug/l
RT: 2.65 min Scan# 215
Delta R.T. -0.02 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion: 59 Resp: 788

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.0	16.4#



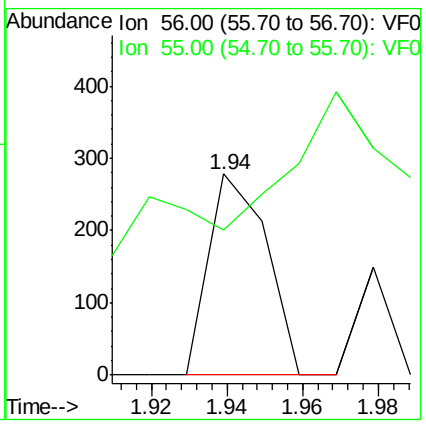


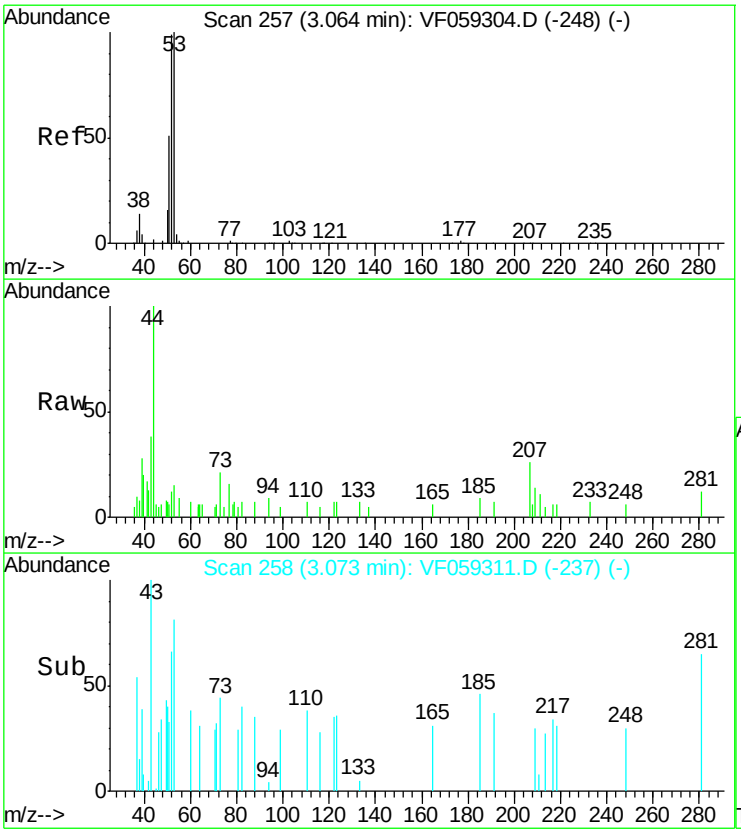
#13
Acrolein
Concen: Below Cal
RT: 1.94 min Scan# 143
Delta R.T. -0.14 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument : MSVOA_F
ClientSampleId : VF0626SBL01

Tgt Ion: 56 Resp: 290

Ion	Ratio	Lower	Upper
56	100		
55	71.9	62.4	93.6

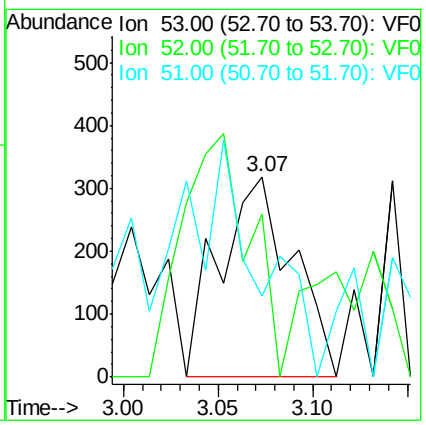


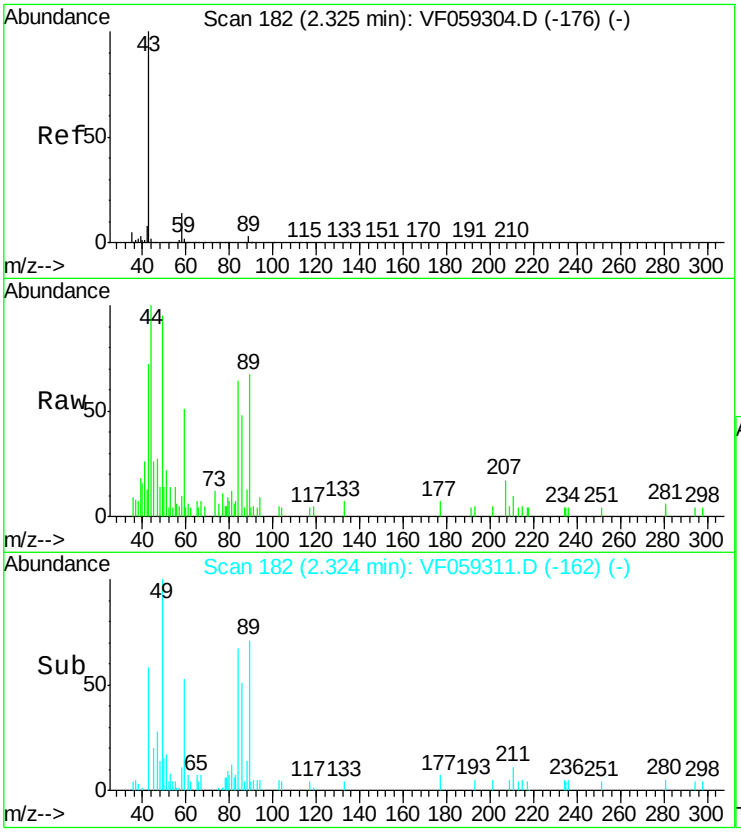


#15
Acrylonitrile
Concen: 1.811 ug/l
RT: 3.07 min Scan# 258
Delta R.T. 0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion: 53 Resp: 857

Ion	Ratio	Lower	Upper
53	100		
52	81.2	79.2	118.8
51	40.4	40.9	61.3#



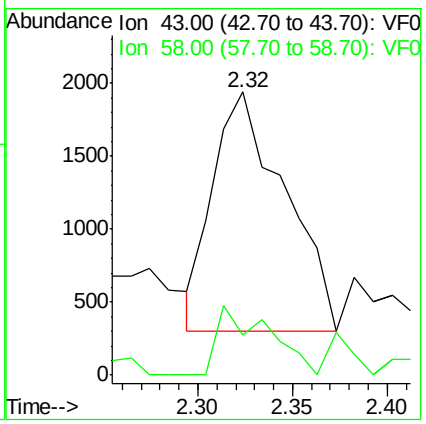


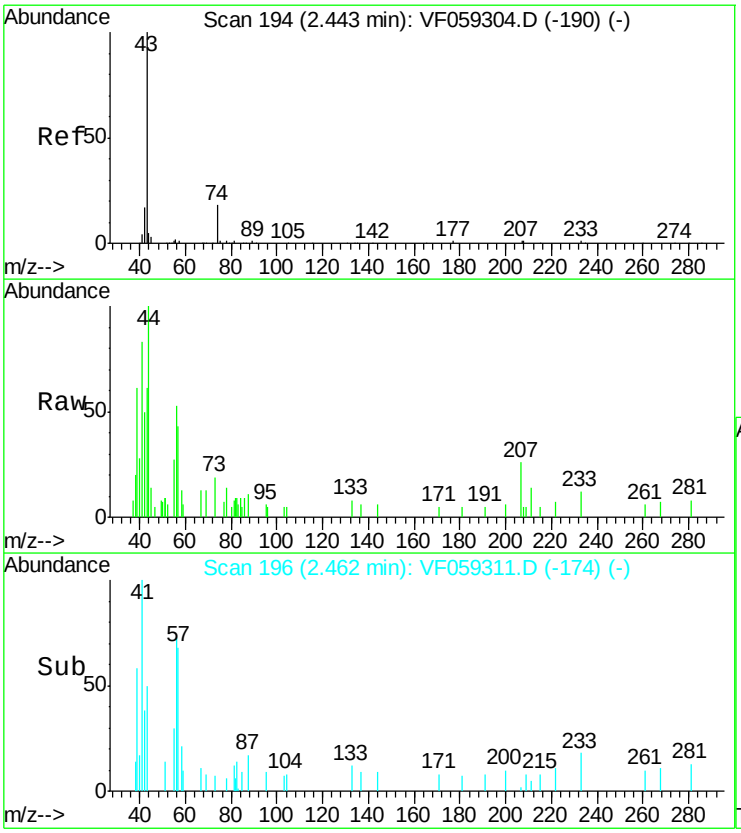
#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 182
Delta R.T. -0.00 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF0626SBL01

Tgt Ion: 43 Resp: 4332

Ion	Ratio	Lower	Upper
43	100		
58	14.1	11.4	17.0

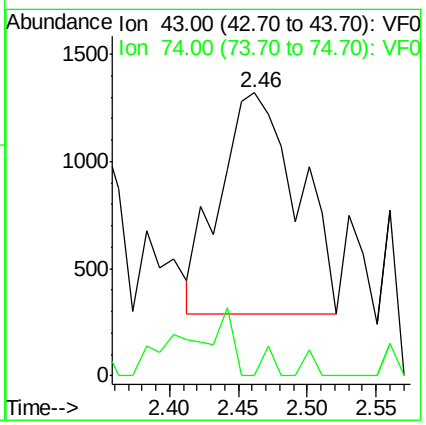


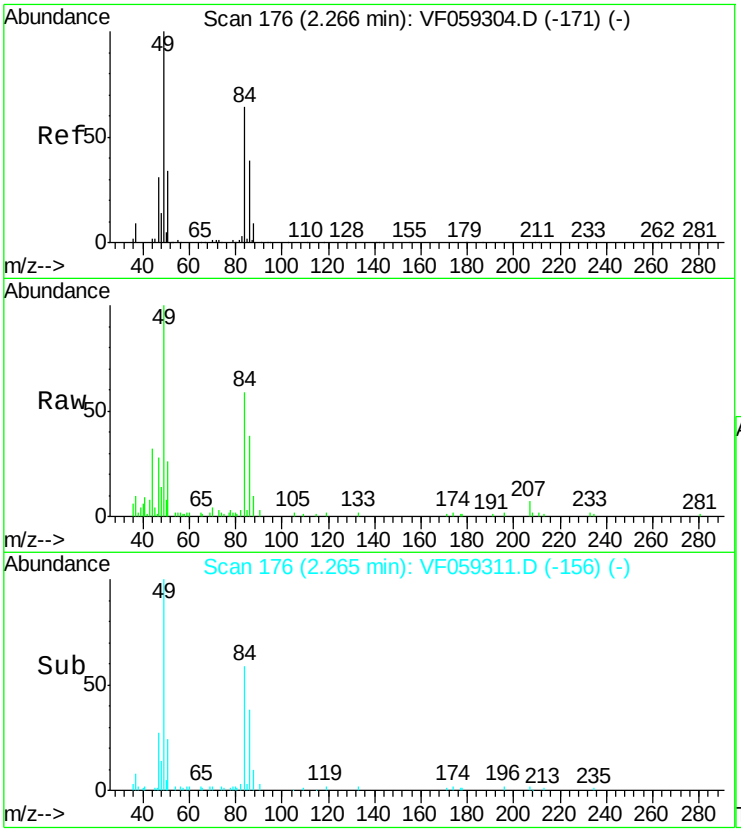


#18
Methyl Acetate
Concen: 1.091 ug/l
RT: 2.46 min Scan# 196
Delta R.T. 0.02 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion: 43 Resp: 4063

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



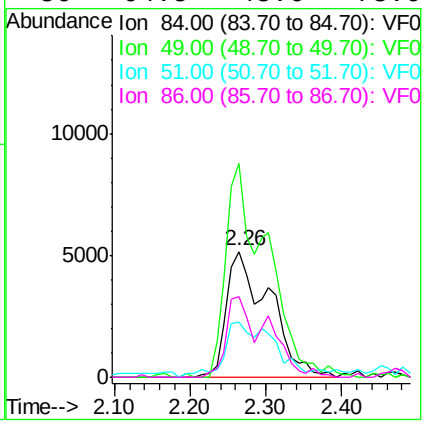


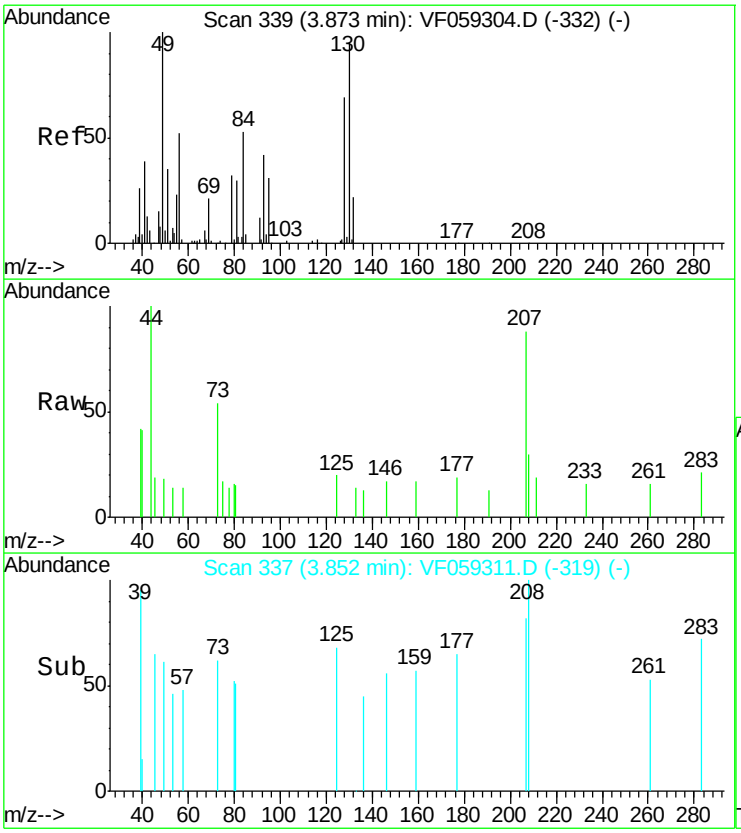
#20
Methylene Chloride
Concen: 1.848 ug/l
RT: 2.26 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument : MSVOA_F
ClientSampleId : VF0626SBL01

Tgt Ion: 84 Resp: 20296

Ion	Ratio	Lower	Upper
84	100		
49	170.1	126.5	189.7
51	43.8	42.9	64.3
86	64.5	48.6	73.0

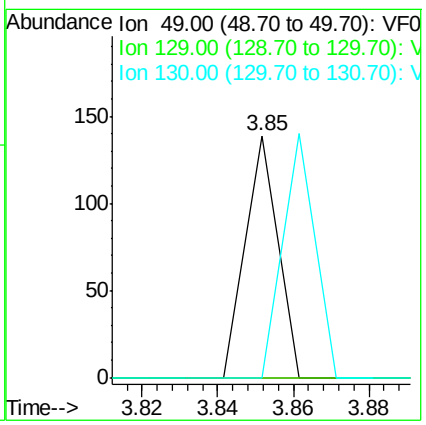


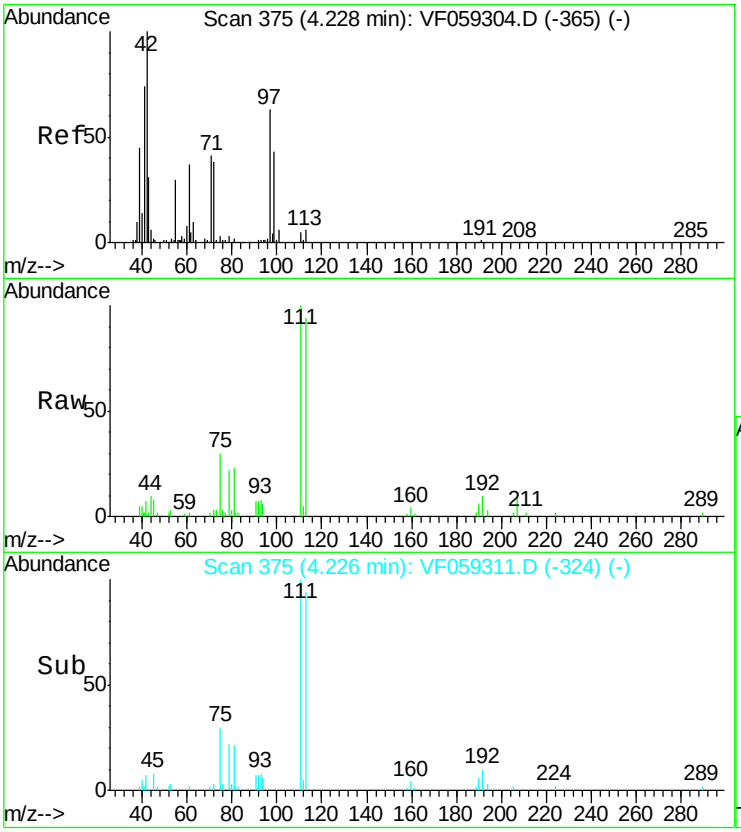


#28
Bromochloromethane
Concen: Below Cal
RT: 3.85 min Scan# 337
Delta R.T. -0.02 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion: 49 Resp: 82

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.4
130	0.0	75.1	112.7#



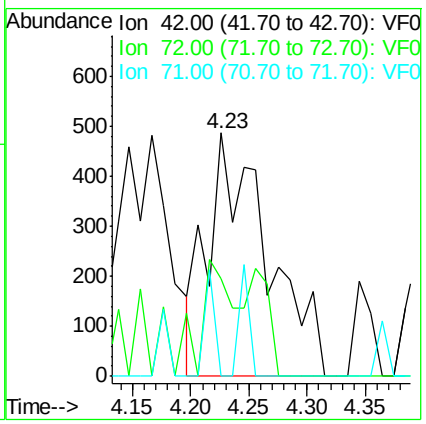


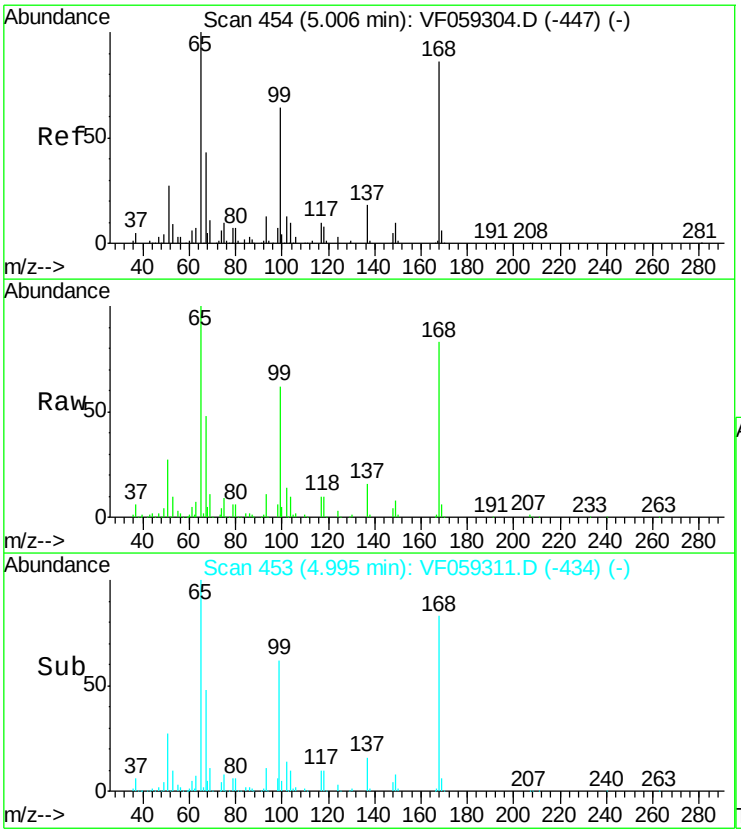
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.23 min Scan# 375
Delta R.T. -0.00 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF0626SBL01

Tgt Ion: 42 Resp: 1748

Ion	Ratio	Lower	Upper
42	100		
72	23.3	30.5	45.7#
71	7.3	32.5	48.7#

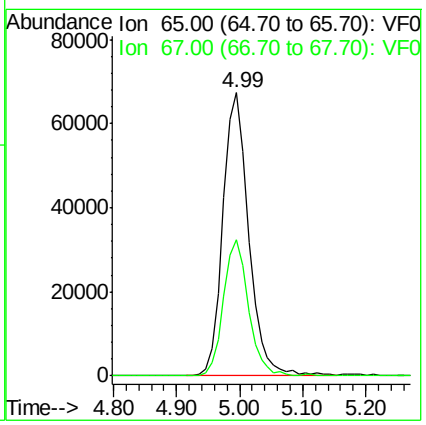


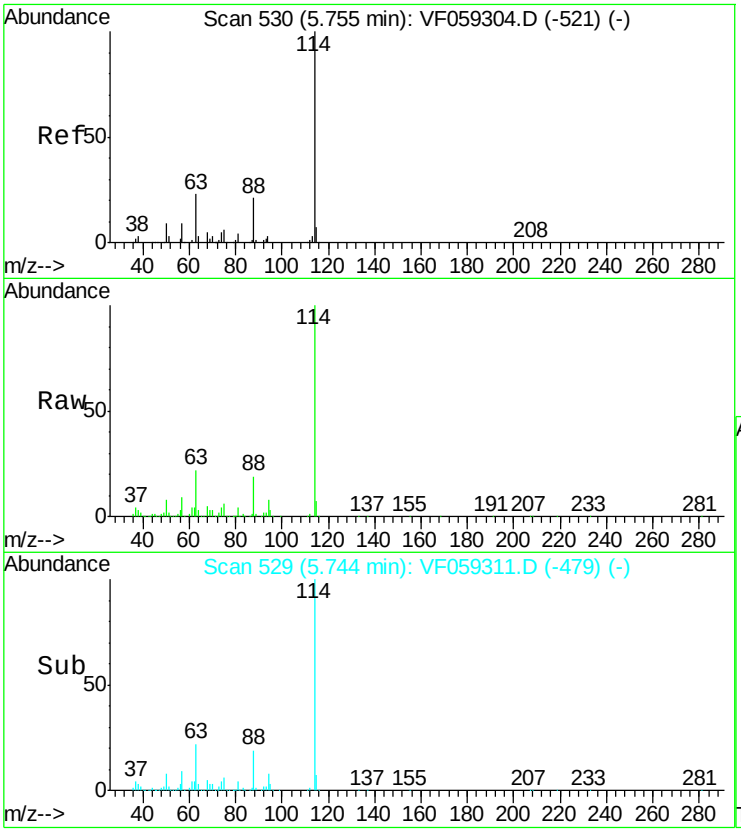


#33
1,2-Dichloroethane-d4
Concen: 47.435 ug/l
RT: 4.99 min Scan# 453
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion: 65 Resp: 191514

Ion	Ratio	Lower	Upper
65	100		
67	48.0	0.0	96.8



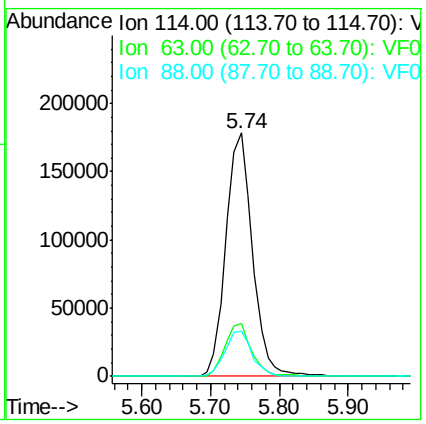


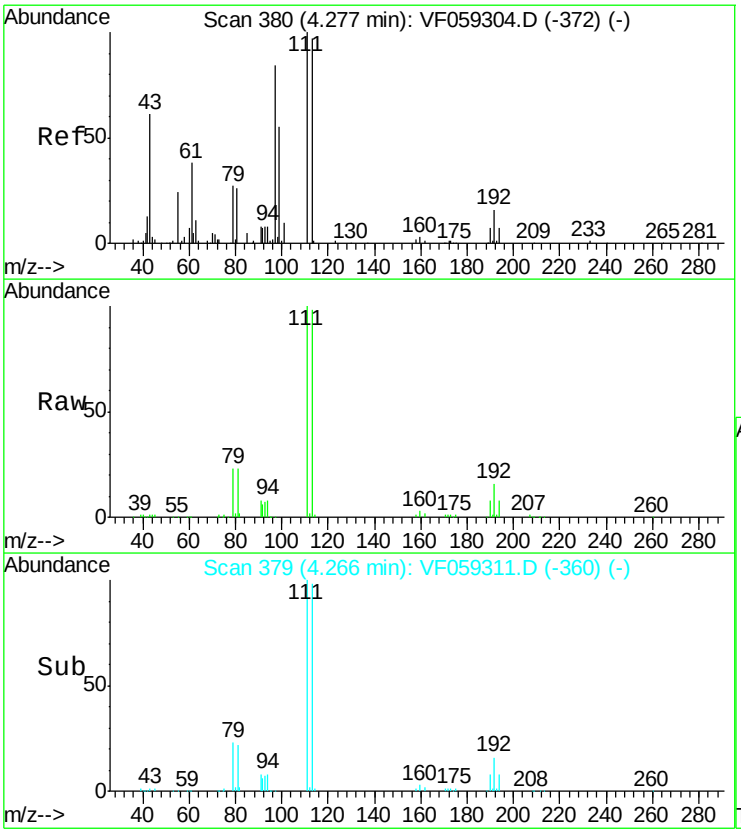
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 529
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF0626SBL01

Tgt Ion:114 Resp: 478745

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	45.8
88	18.6	0.0	41.2

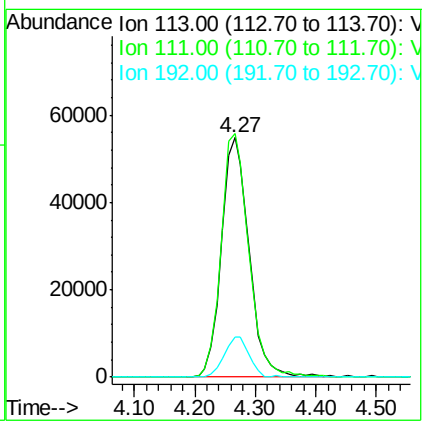


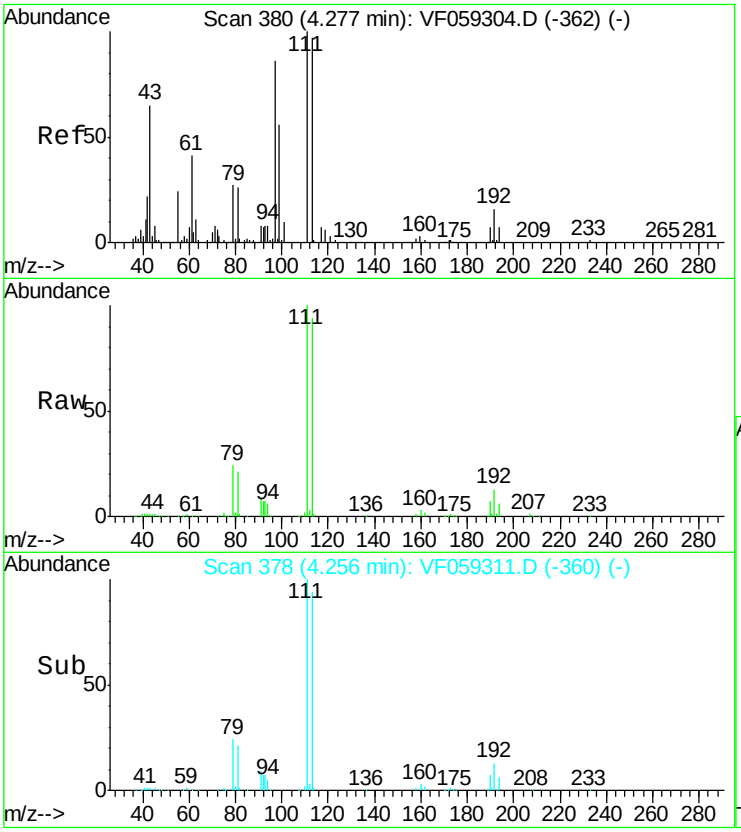


#35
Dibromofluoromethane
Concen: 49.558 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion:113 Resp: 173357

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.1	123.1
192	16.7	13.0	19.6



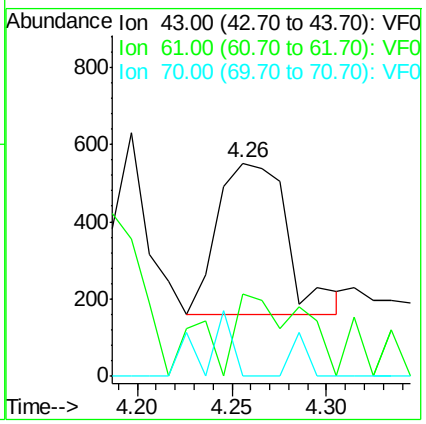


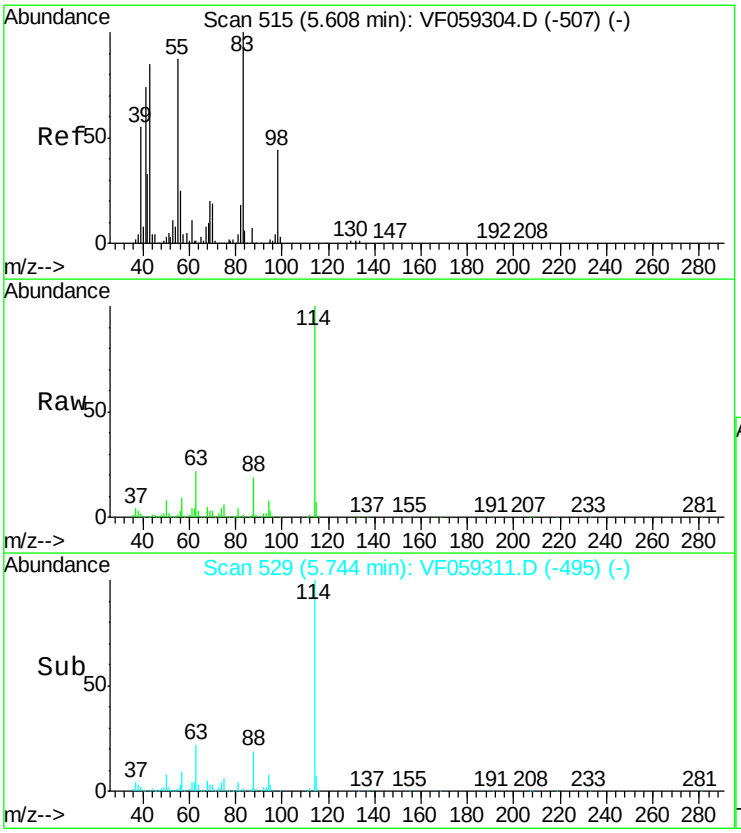
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument : MSVOA_F
ClientSampleId : VF0626SBL01

Tgt Ion: 43 Resp: 1005

Ion	Ratio	Lower	Upper
43	100		
61	38.5	50.1	75.1#
70	0.0	6.2	9.4#

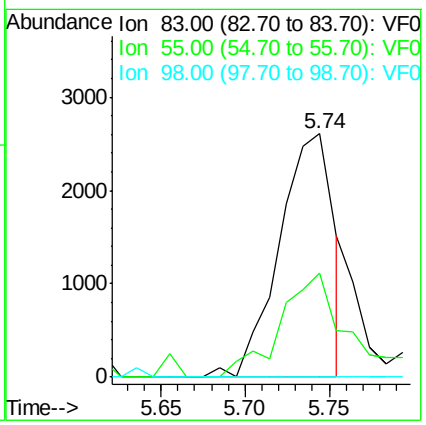


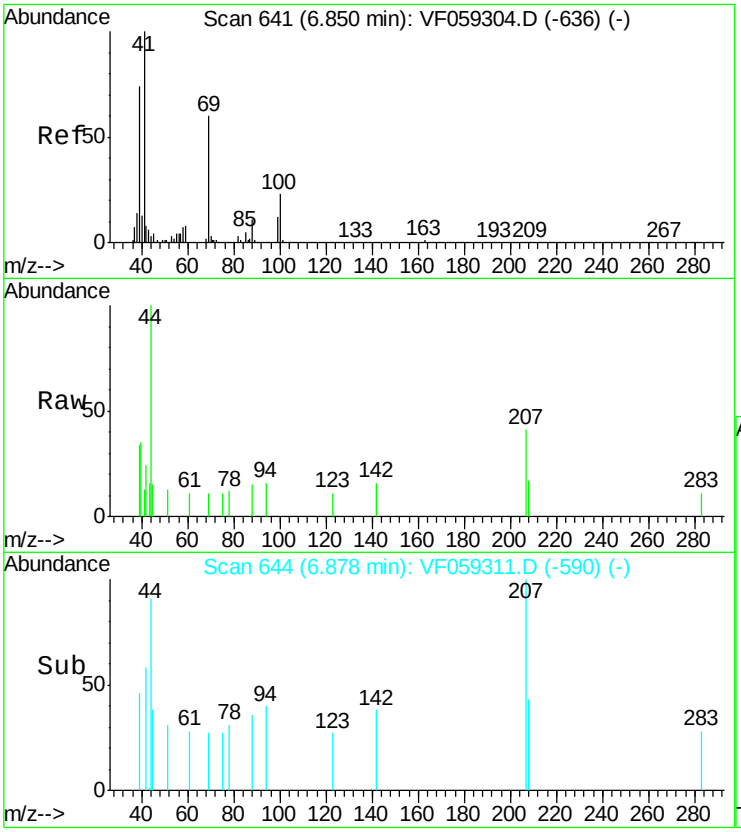


#39
Methylcyclohexane
Concen: 1.578 ug/l
RT: 5.74 min Scan# 529
Delta R.T. 0.14 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion: 83 Resp: 5849

Ion	Ratio	Lower	Upper
83	100		
55	42.7	69.2	103.8#
98	0.0	35.0	52.6#



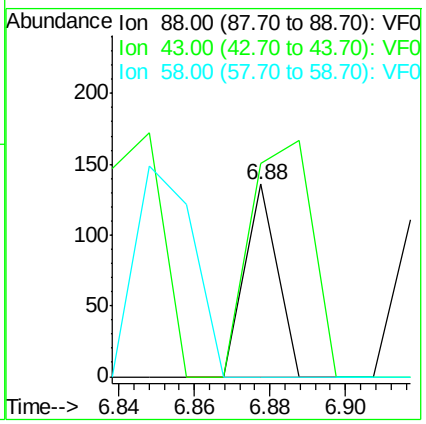


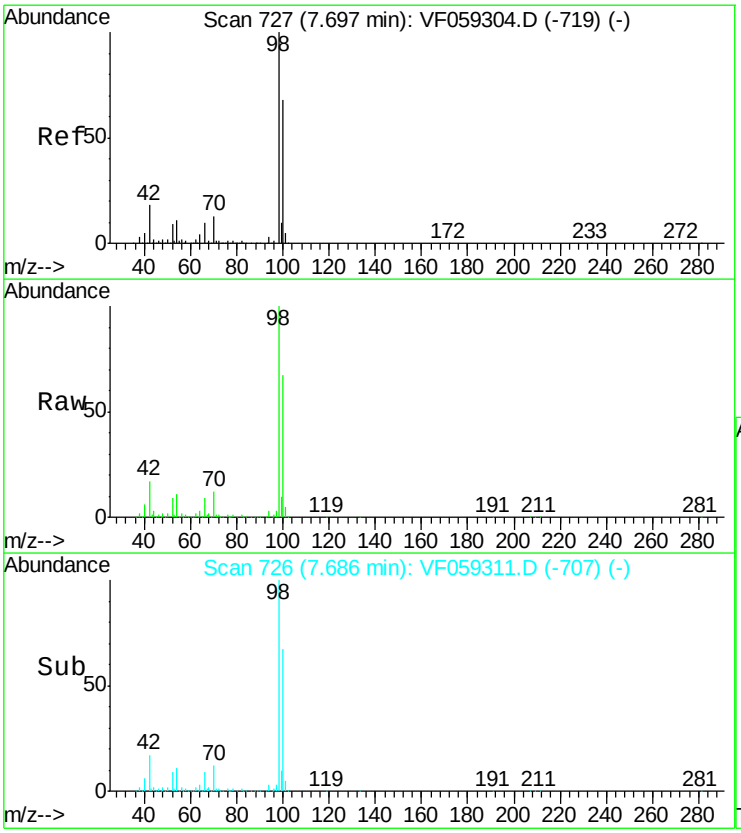
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.88 min Scan# 644
Delta R.T. 0.03 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument : MSVOA_F
ClientSampleId : VF0626SBL01

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	111.0	50.6	75.8#
58	0.0	46.6	69.8#

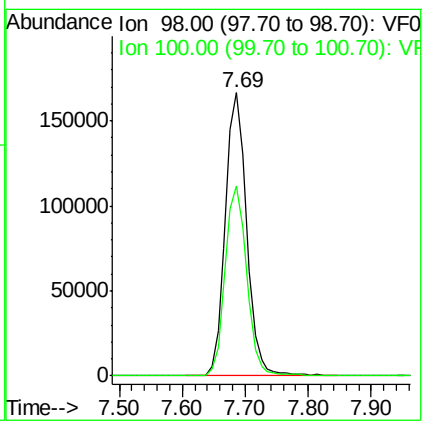


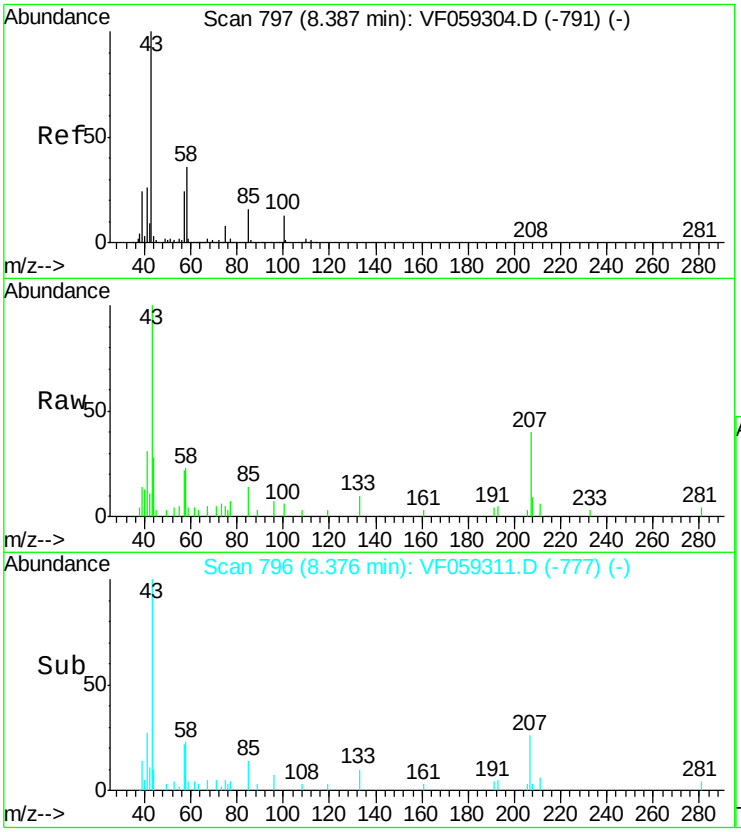


#50
Toluene-d8
Concen: 45.094 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion: 98 Resp: 390551

Ion	Ratio	Lower	Upper
98	100		
100	67.0	54.6	82.0

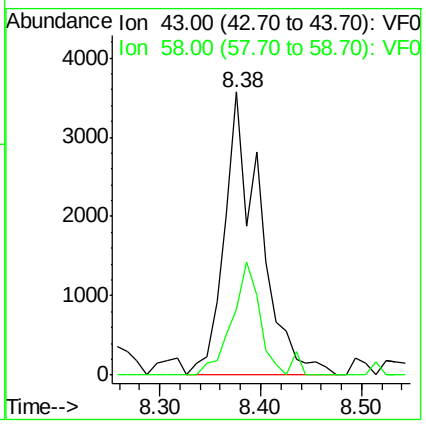




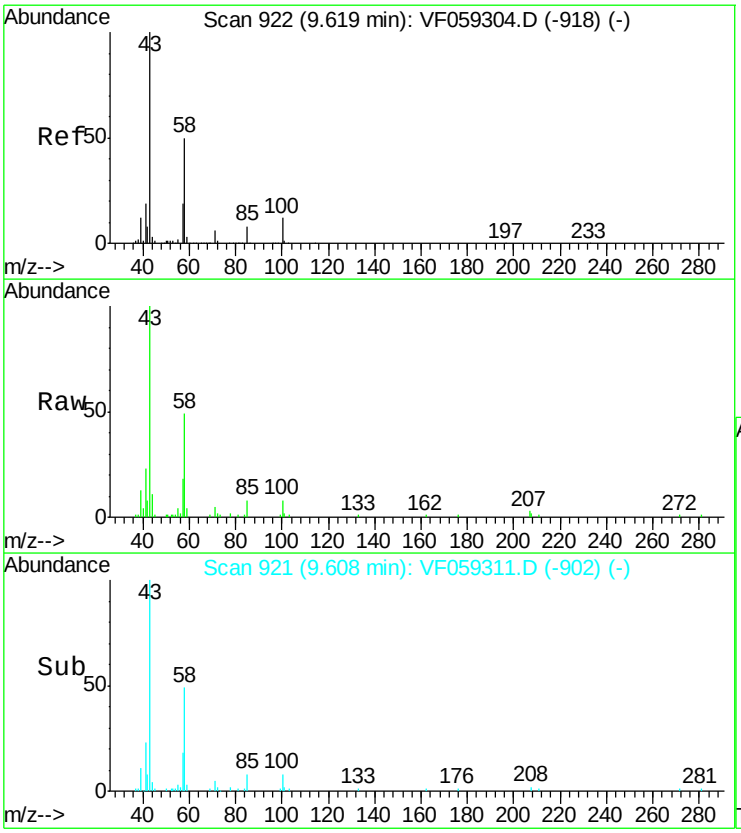
#51
4-Methyl-2-Pentanone
Concen: 3.398 ug/l
RT: 8.38 min Scan# 796
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion: 43 Resp: 8769

Ion	Ratio	Lower	Upper
43	100		
58	23.4	28.4	42.6#



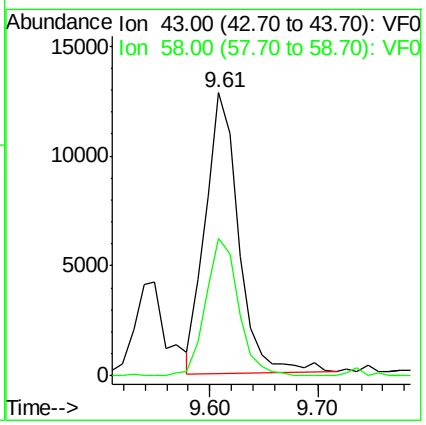
Instrument :
MSVOA_F
ClientSampleId :
VF0626SBL01

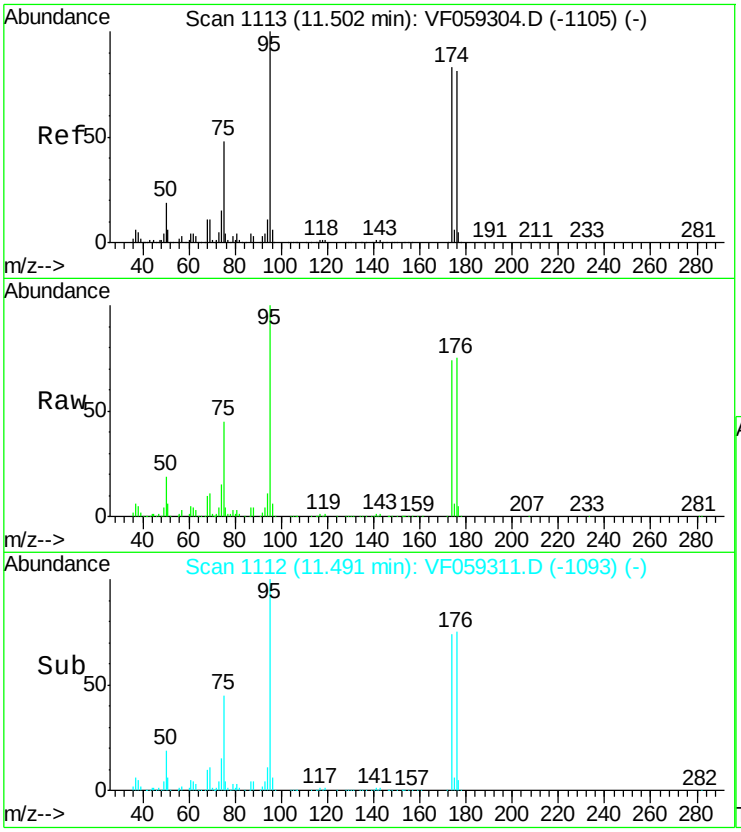


#59
2-Hexanone
Concen: Below Cal
RT: 9.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion: 43 Resp: 27373

Ion	Ratio	Lower	Upper
43	100		
58	48.6	23.3	69.9



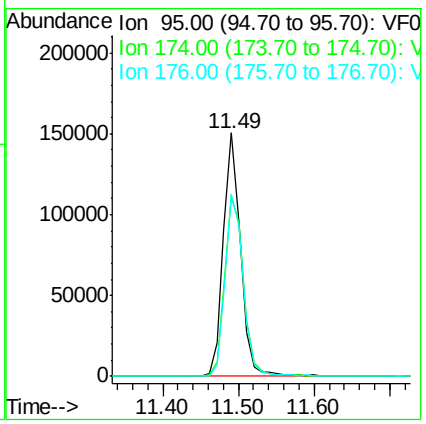


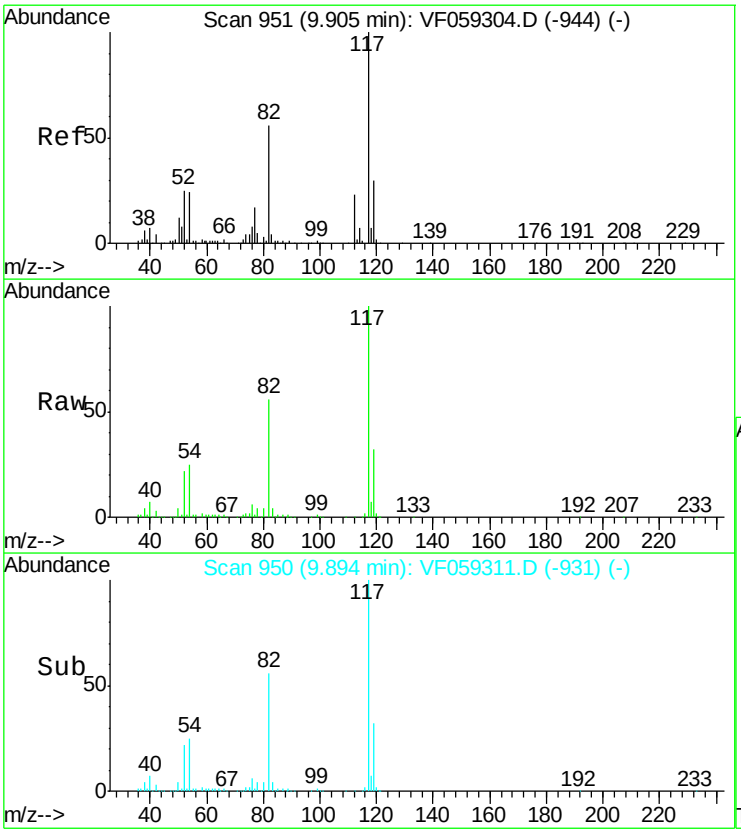
#62
4-Bromofluorobenzene
Concen: 48.939 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF0626SBL01

Tgt Ion: 95 Resp: 239088

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	165.2
176	74.6	0.0	161.0

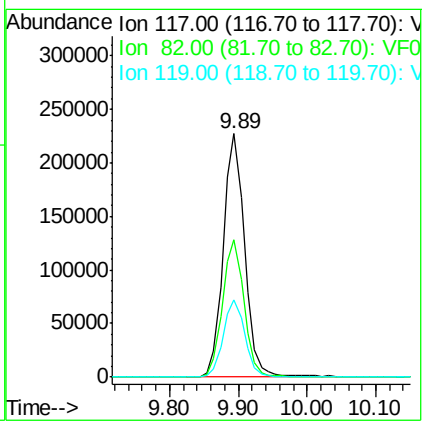


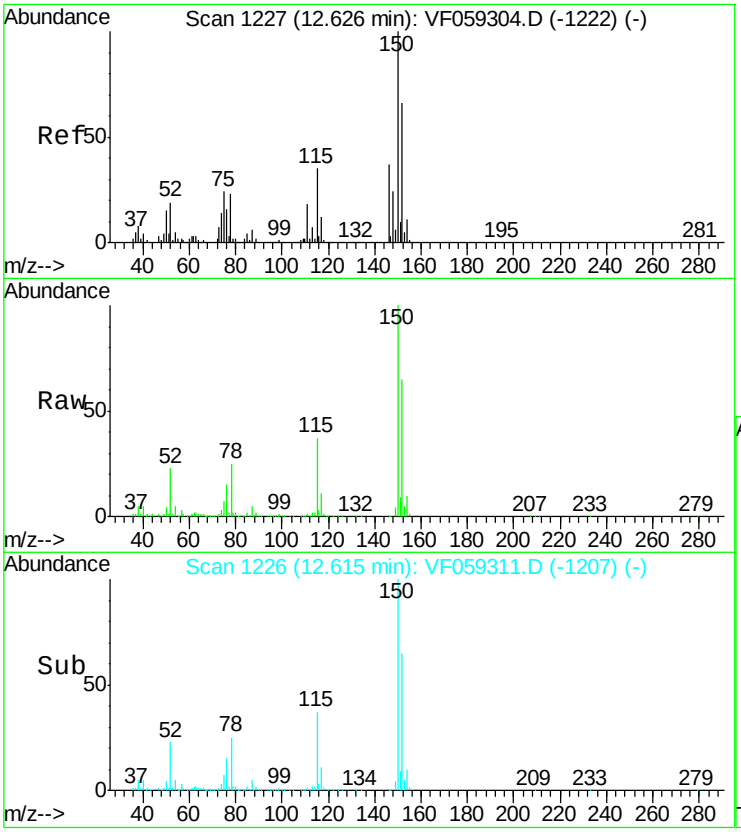


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion:117 Resp: 489326

Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.6	66.8
119	31.8	24.1	36.1



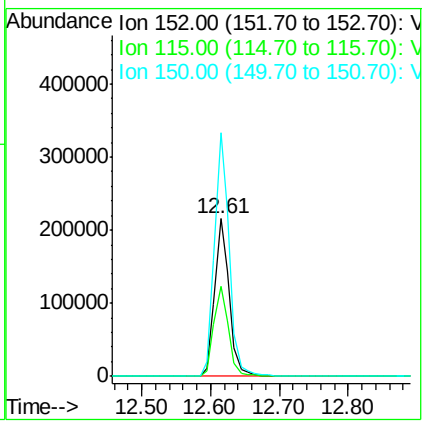


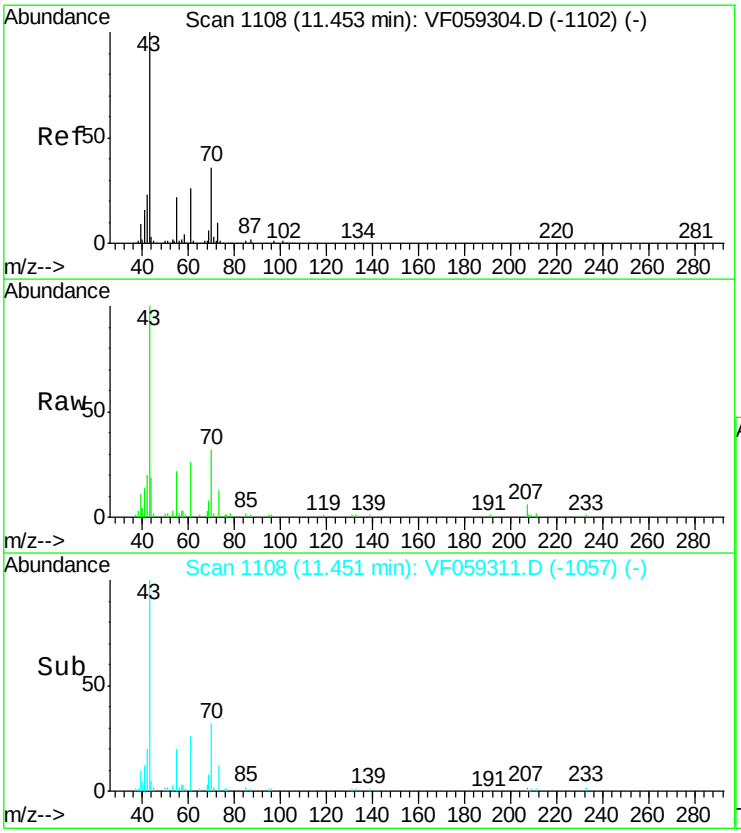
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument : MSVOA_F
ClientSampleId : VF0626SBL01

Tgt Ion:152 Resp: 313069

Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.1	81.3
150	154.8	0.0	305.2

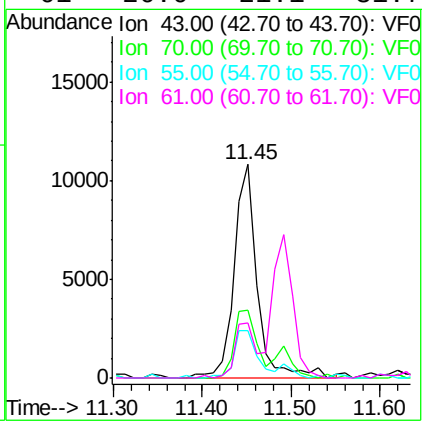


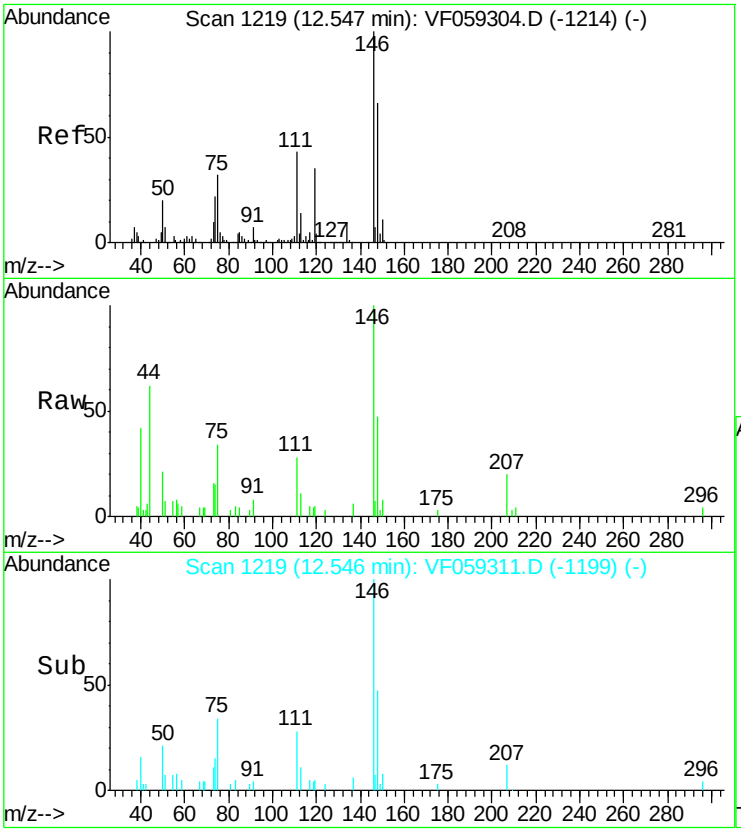


#74
N-amyl acetate
Concen: 2.963 ug/l
RT: 11.45 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion: 43 Resp: 19614

Ion	Ratio	Lower	Upper
43	100		
70	31.9	28.8	43.2
55	22.2	17.4	26.0
61	26.0	21.1	31.7



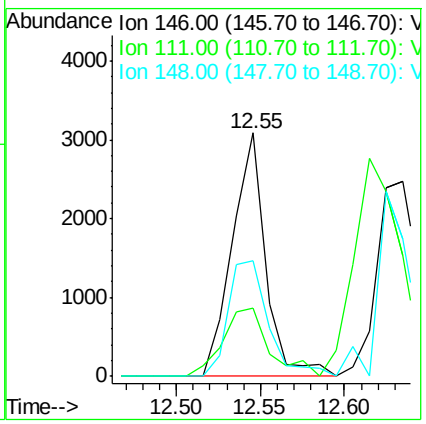


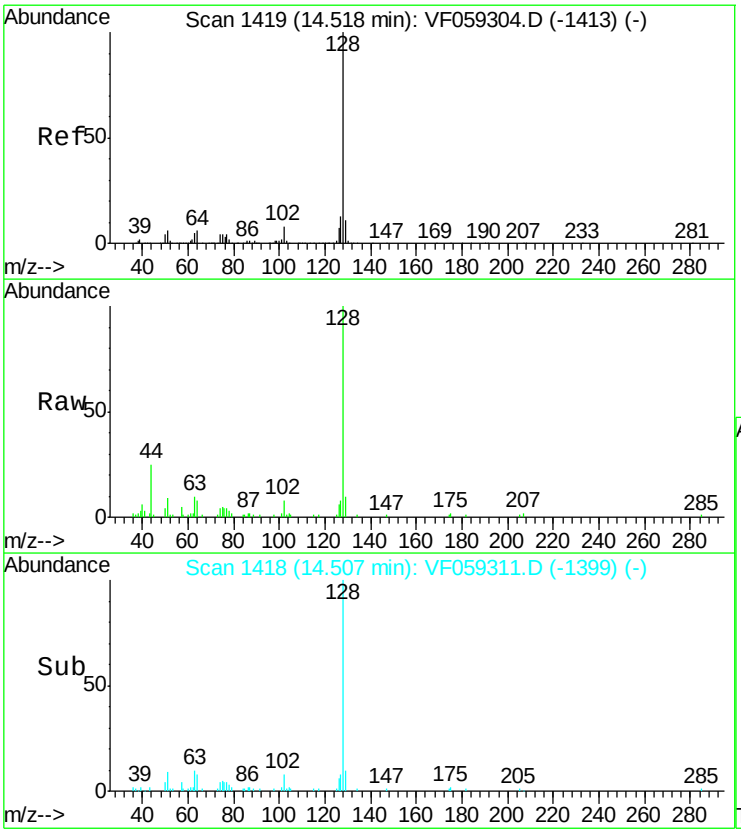
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.55 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument : MSVOA_F
ClientSampleId : VF0626SBL01

Tgt Ion:146 Resp: 4244

Ion	Ratio	Lower	Upper
146	100		
111	27.9	21.4	64.2
148	47.4	32.8	98.4

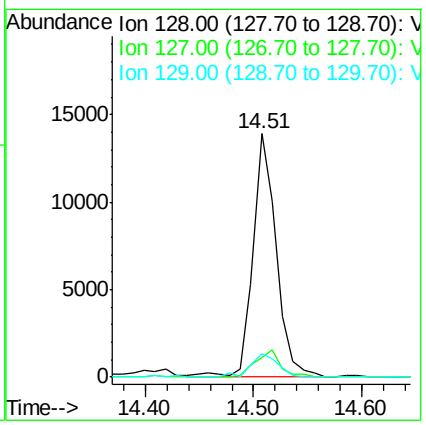


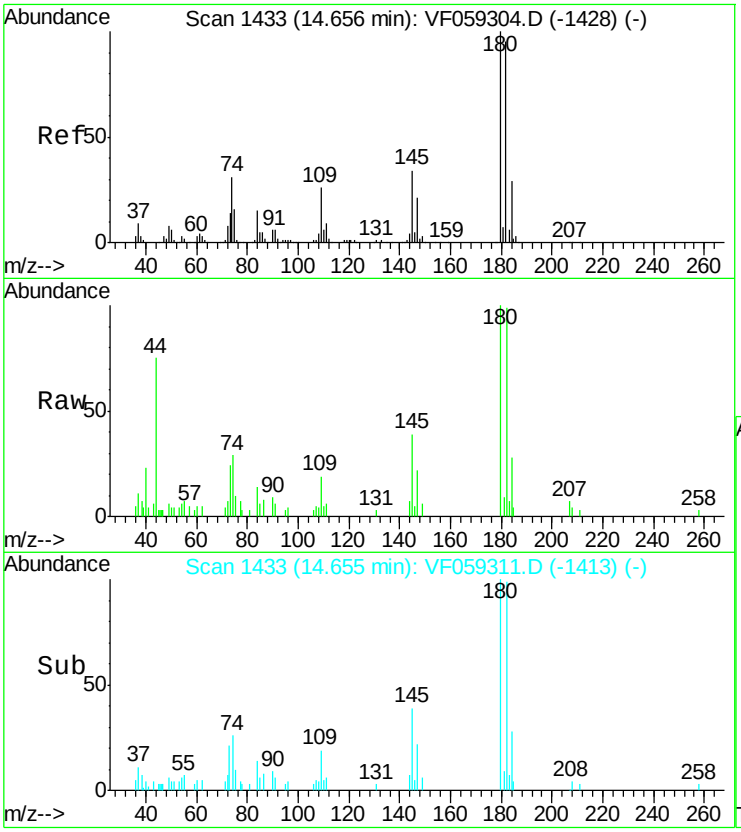


#95
Naphthalene
Concen: 1.471 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Tgt Ion:128 Resp: 20902

Ion	Ratio	Lower	Upper
128	100		
127	8.2	10.1	15.1#
129	9.6	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 1.068 ug/l
RT: 14.66 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VF059311.D
Acq: 26 Jun 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF0626SBL01

Tgt Ion:180 Resp: 6870

Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.5	142.5
145	44.9	17.0	50.9