Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070318\
Data File : VF059418.D
Acq On : 3 Jul 2018 18:02
Operator : VA/AP
Sample : J3245-23RE
Misc : 6.10g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-DRE

Quant Time: Jul 04 00:13:06 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

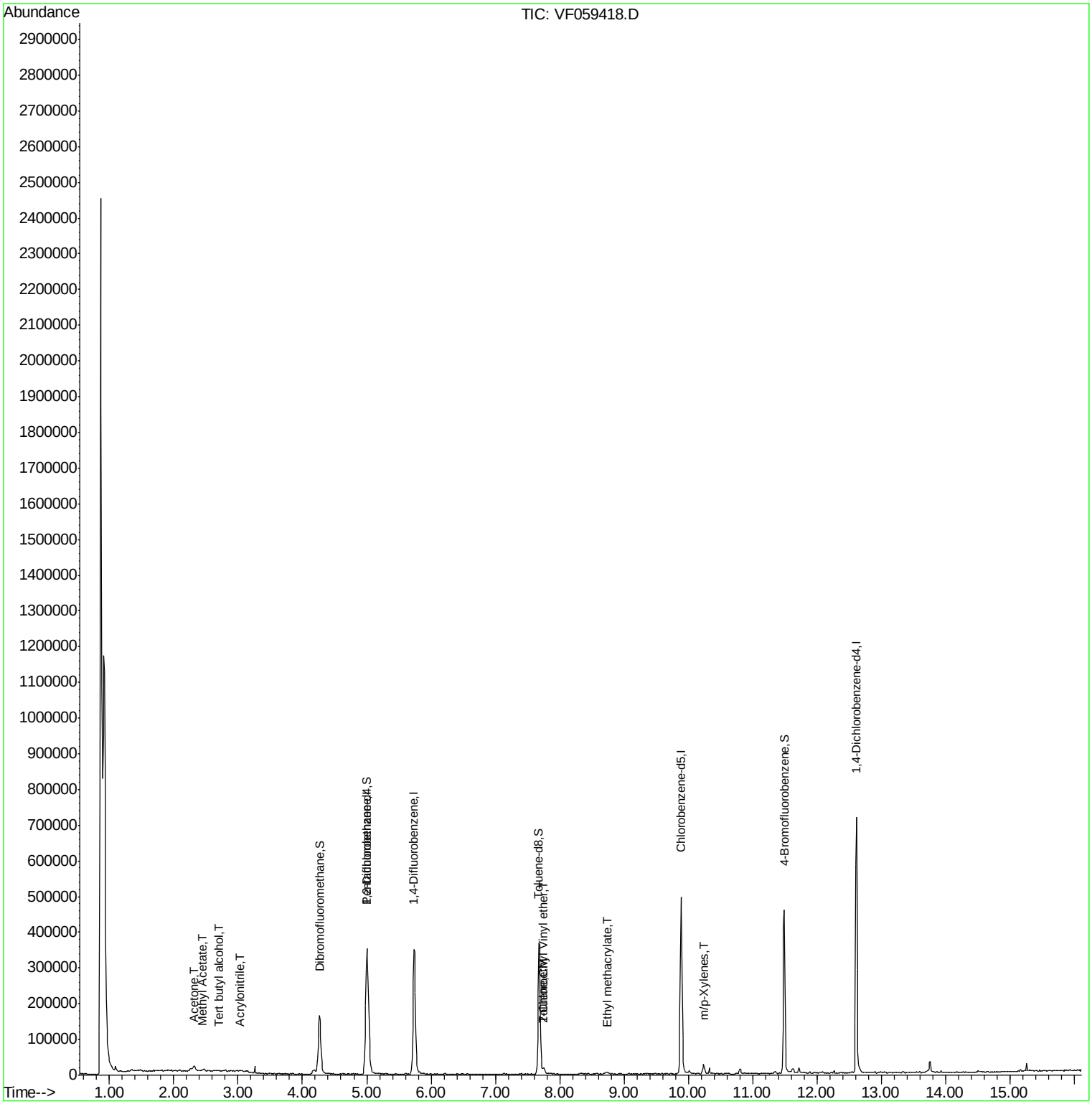
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	229405	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.73	114	361951	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	343725	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	176499	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	166955	56.33	ug/l	-0.01
Spiked Amount 50.000			Recovery = 112.66%			
35) Dibromofluoromethane	4.27	113	142916	54.04	ug/l	-0.01
Spiked Amount 50.000			Recovery = 108.08%			
50) Toluene-d8	7.68	98	304967	46.57	ug/l	-0.02
Spiked Amount 50.000			Recovery = 93.14%			
62) 4-Bromofluorobenzene	11.49	95	161696	43.78	ug/l	-0.01
Spiked Amount 50.000			Recovery = 87.56%			
Target Compounds						Qvalue
5) Bromomethane	1.22	94	258	Below Cal		93
11) Tert butyl alcohol	2.70	59	761	3.857	ug/l #	1
13) Acrolein	2.07	56	340	Below Cal		98
15) Acrylonitrile	3.02	53	512	1.474	ug/l #	30
16) Acetone	2.32	43	16376	12.431	ug/l	98
18) Methyl Acetate	2.43	43	4525	2.272	ug/l #	61
20) Methylene Chloride	2.26	84	2990	Below Cal		93
25) 2-Butanone	4.46	43	270	Below Cal	#	59
28) Bromochloromethane	3.87	49	85	Below Cal	#	6
29) Tetrahydrofuran	4.25	42	1106	Below Cal	#	79
37) Ethyl Acetate	4.26	43	432	Below Cal	#	26
49) 1,4-Dioxane	6.90	88	150	Below Cal	#	20
52) Toluene	7.75	92	7480	1.426	ug/l	87
56) Ethyl methacrylate	8.75	69	2615	1.036	ug/l #	77
58) 2-Chloroethyl Vinyl ether	7.74	63	1751	9.253	ug/l	100
59) 2-Hexanone	9.59	43	529	Below Cal	#	30
68) m/p-Xylenes	10.24	106	7837	2.038	ug/l	97
87) 1,3-Dichlorobenzene	12.55	146	357	Below Cal	#	58

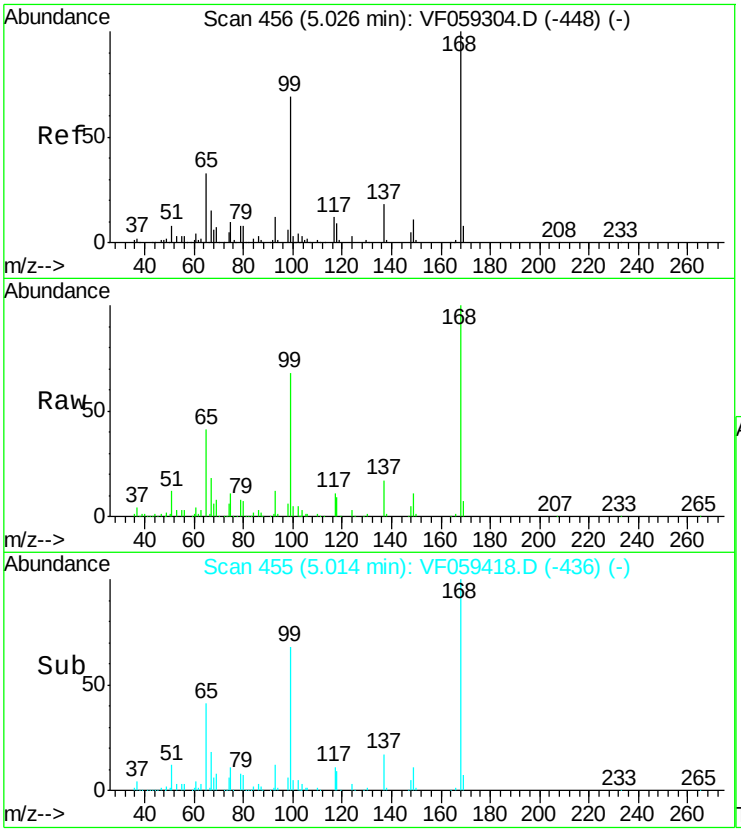
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070318\
Data File : VF059418.D
Acq On : 3 Jul 2018 18:02
Operator : VA/AP
Sample : J3245-23RE
Misc : 6.10g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-DRE

Quant Time: Jul 04 00:13:06 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



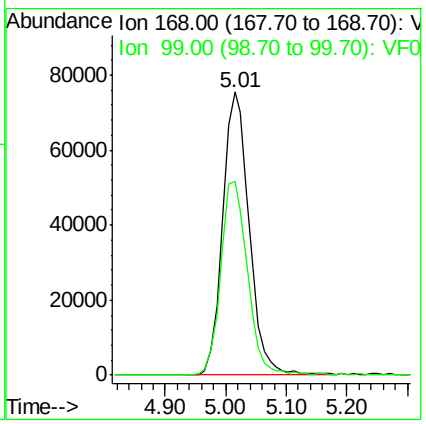


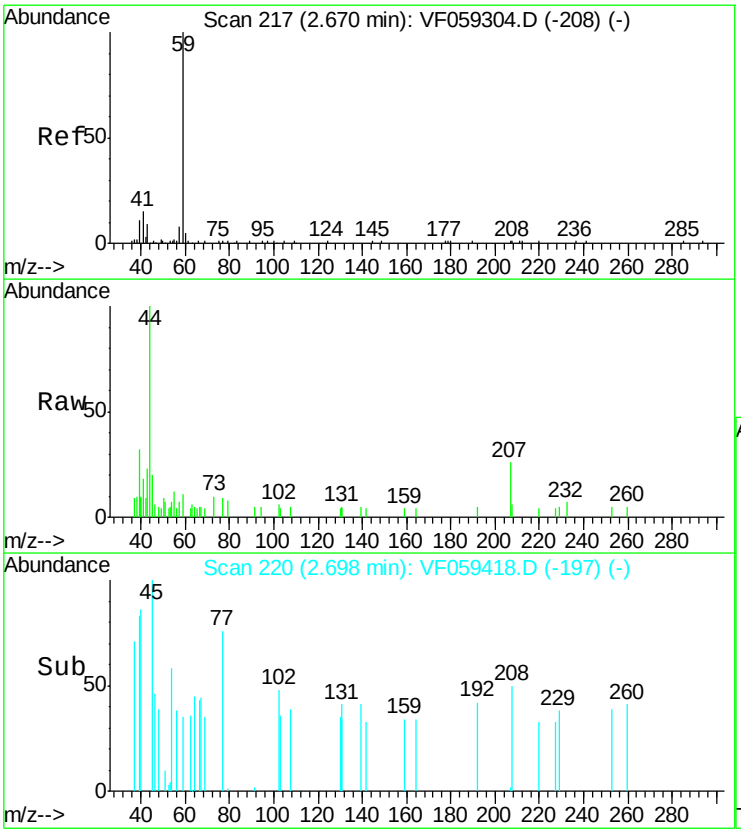
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-DRE

Tgt Ion:168 Resp: 229405

Ion	Ratio	Lower	Upper
168	100		
99	68.4	54.9	82.3

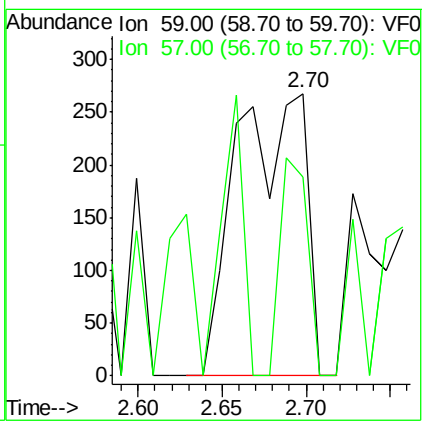


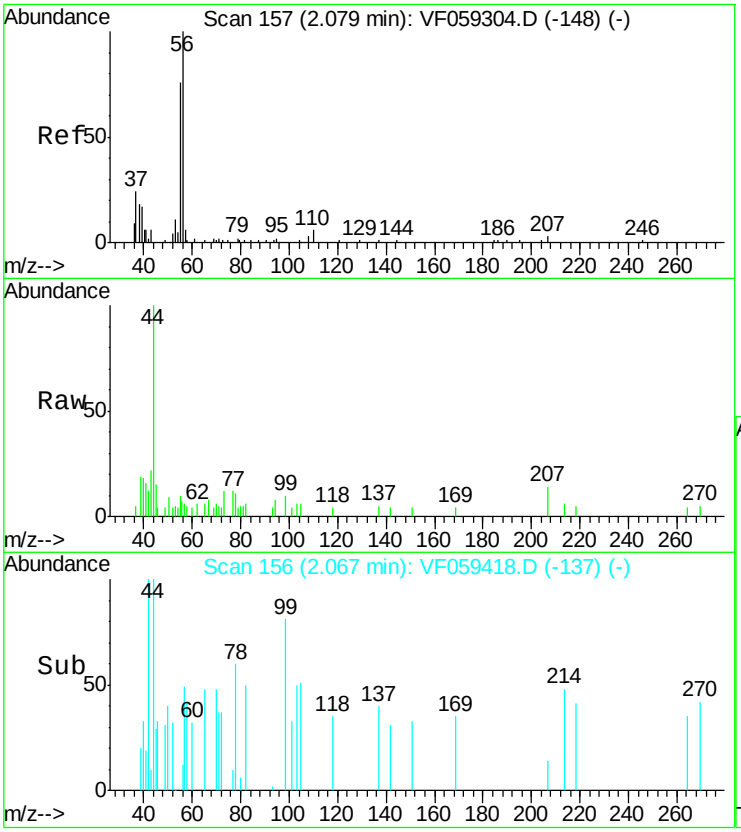


#11
Tert butyl alcohol
Concen: 3.857 ug/l
RT: 2.70 min Scan# 220
Delta R.T. 0.03 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion: 59 Resp: 761

Ion	Ratio	Lower	Upper
59	100		
57	70.5	11.0	16.4#



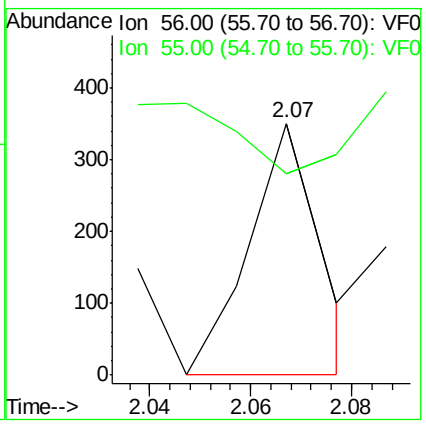


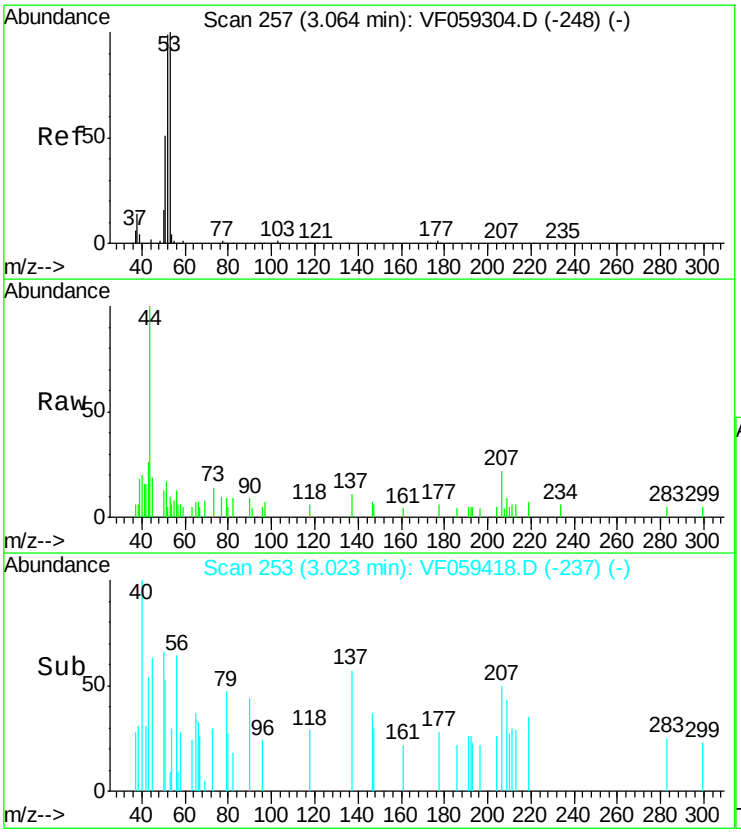
#13
Acrolein
Concen: Below Cal
RT: 2.07 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-DRE

Tgt Ion: 56 Resp: 340

Ion	Ratio	Lower	Upper
56	100		
55	80.0	62.4	93.6

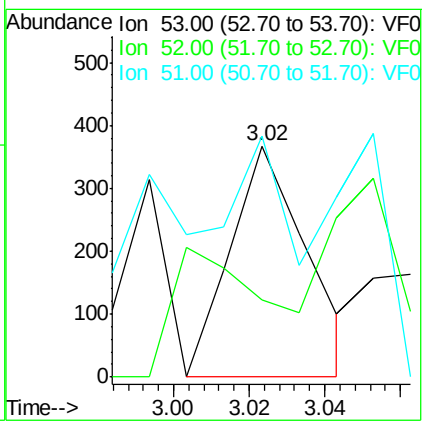


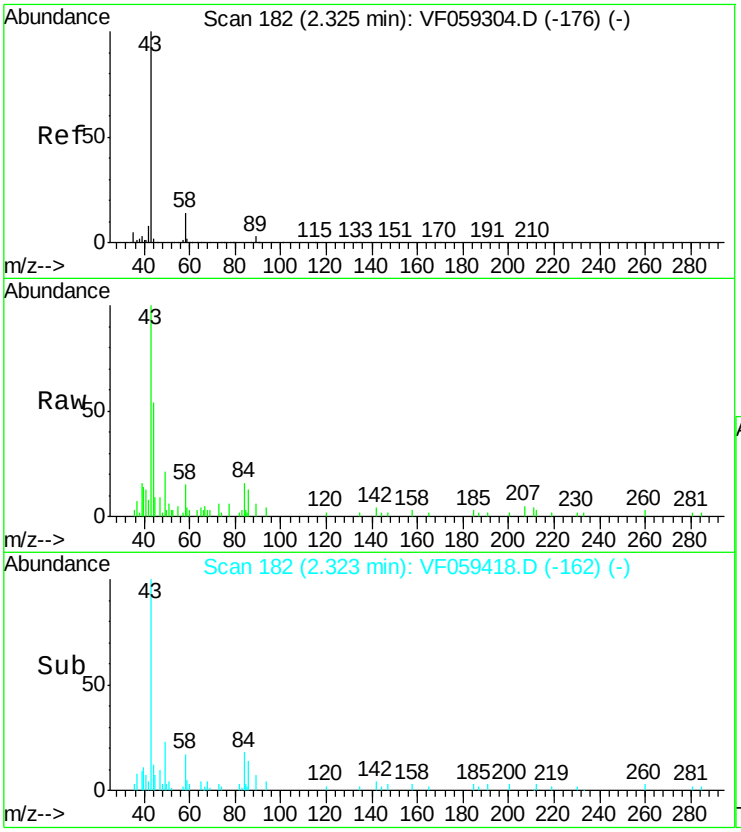


#15
Acrylonitrile
Concen: 1.474 ug/l
RT: 3.02 min Scan# 253
Delta R.T. -0.04 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion: 53 Resp: 512

Ion	Ratio	Lower	Upper
53	100		
52	33.5	79.2	118.8#
51	104.6	40.9	61.3#



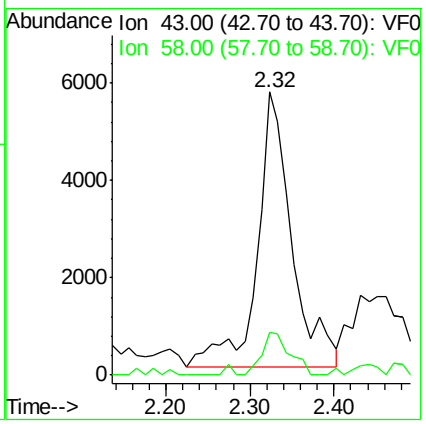


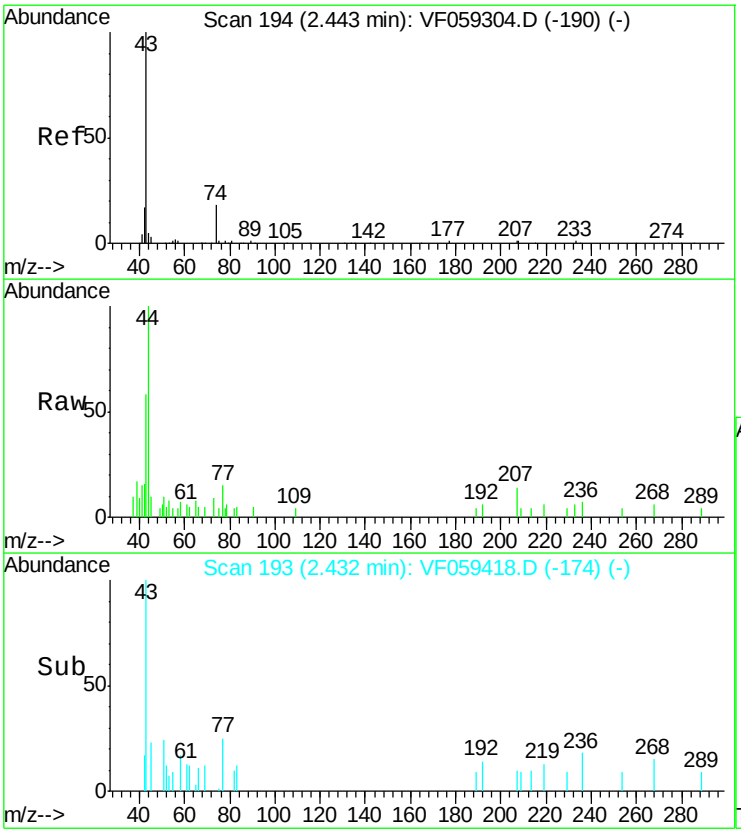
#16
Acetone
Concen: 12.431 ug/l
RT: 2.32 min Scan# 182
Delta R.T. -0.00 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-DRE

Tgt Ion: 43 Resp: 16376

Ion	Ratio	Lower	Upper
43	100		
58	15.1	11.4	17.0

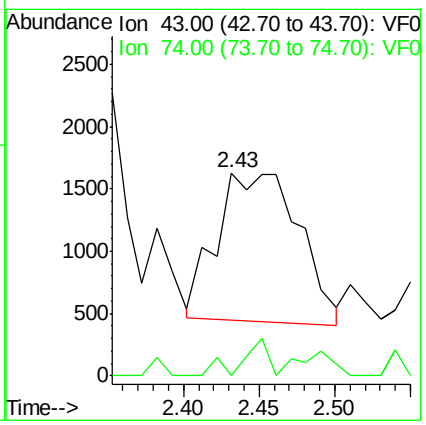


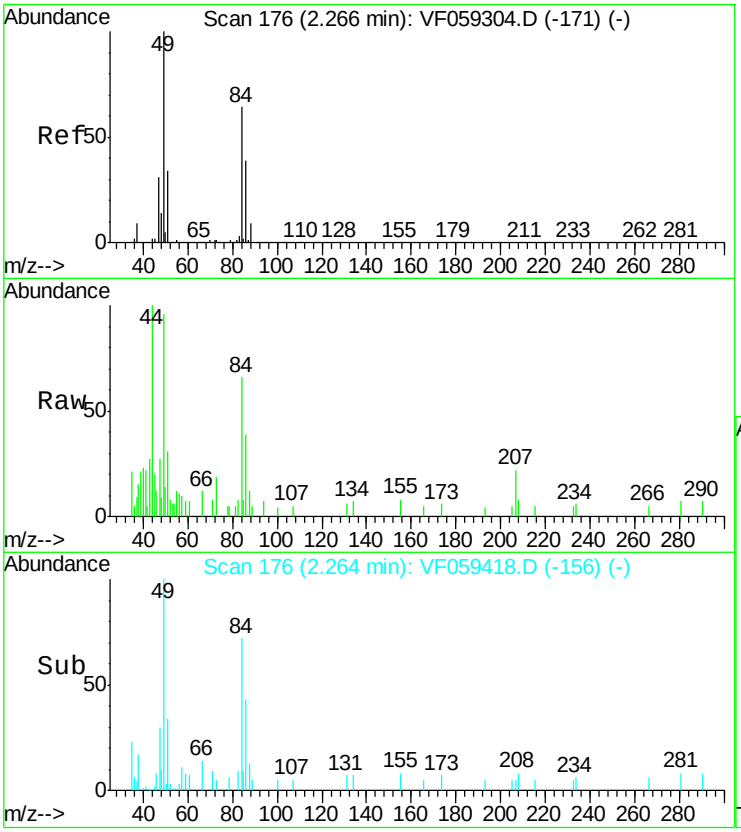


#18
Methyl Acetate
Concen: 2.272 ug/l
RT: 2.43 min Scan# 193
Delta R.T. -0.01 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion: 43 Resp: 4525

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



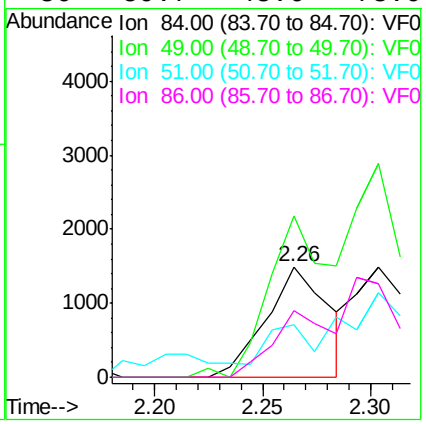


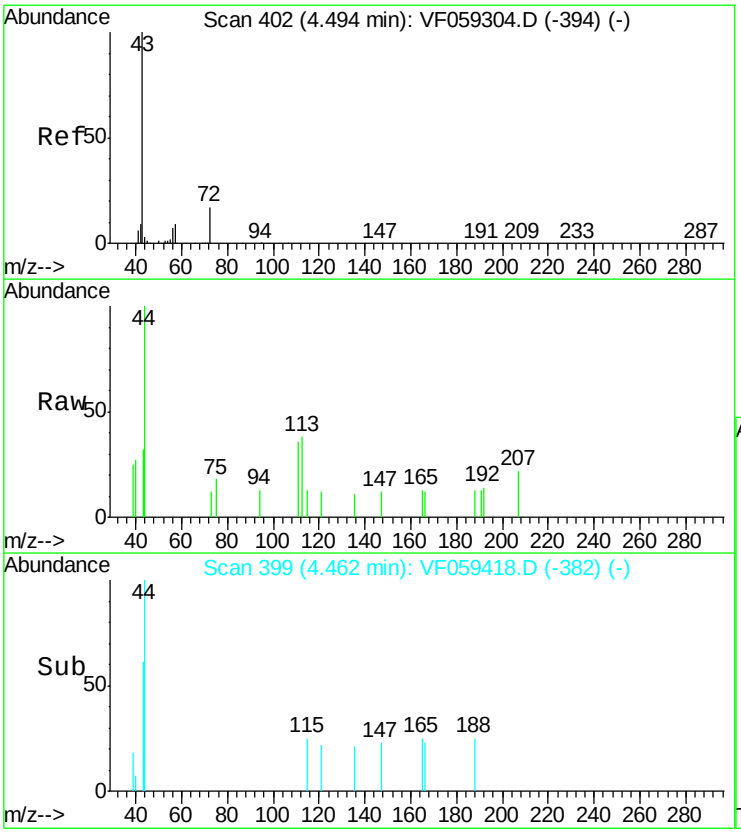
#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-DRE

Tgt Ion: 84 Resp: 2990

Ion	Ratio	Lower	Upper
84	100		
49	145.8	126.5	189.7
51	47.6	42.9	64.3
86	59.7	48.6	73.0

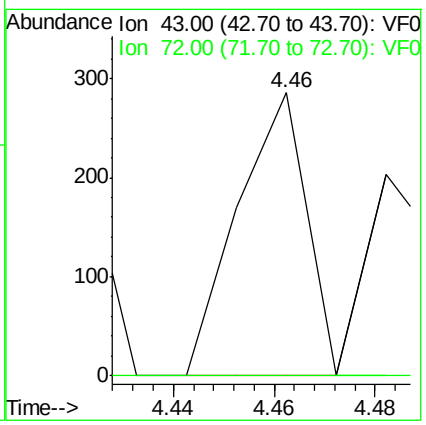


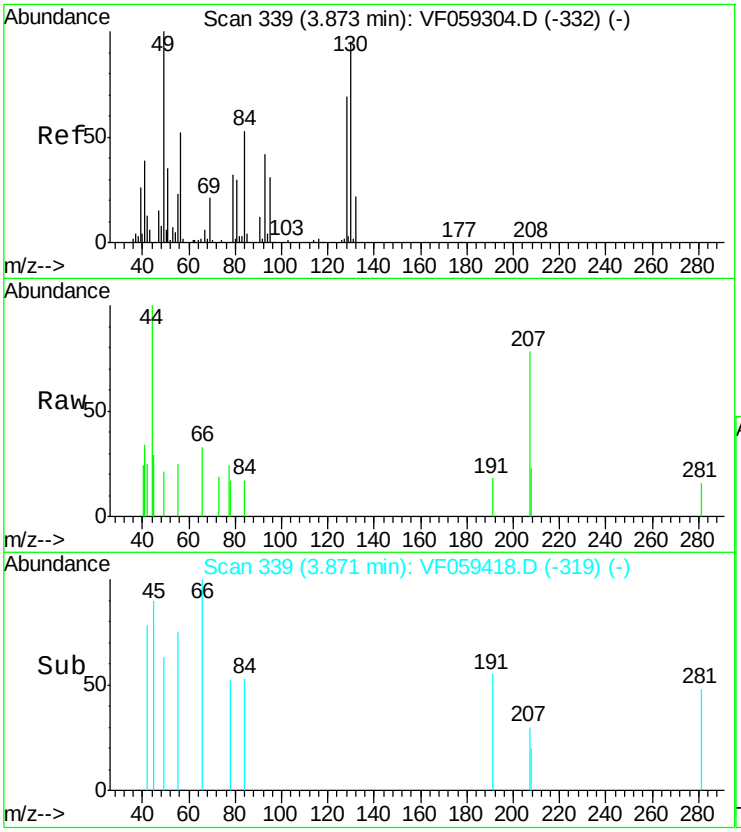


#25
2-Butanone
Concen: Below Cal
RT: 4.46 min Scan# 399
Delta R.T. -0.03 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion: 43 Resp: 270

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	21.6#



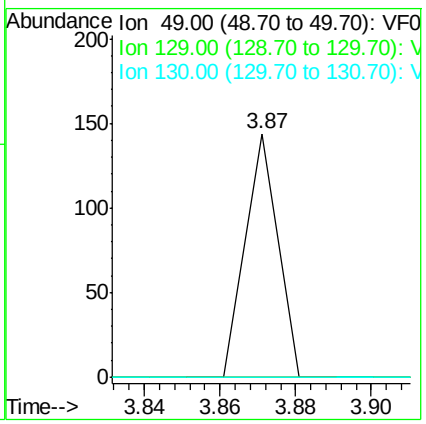


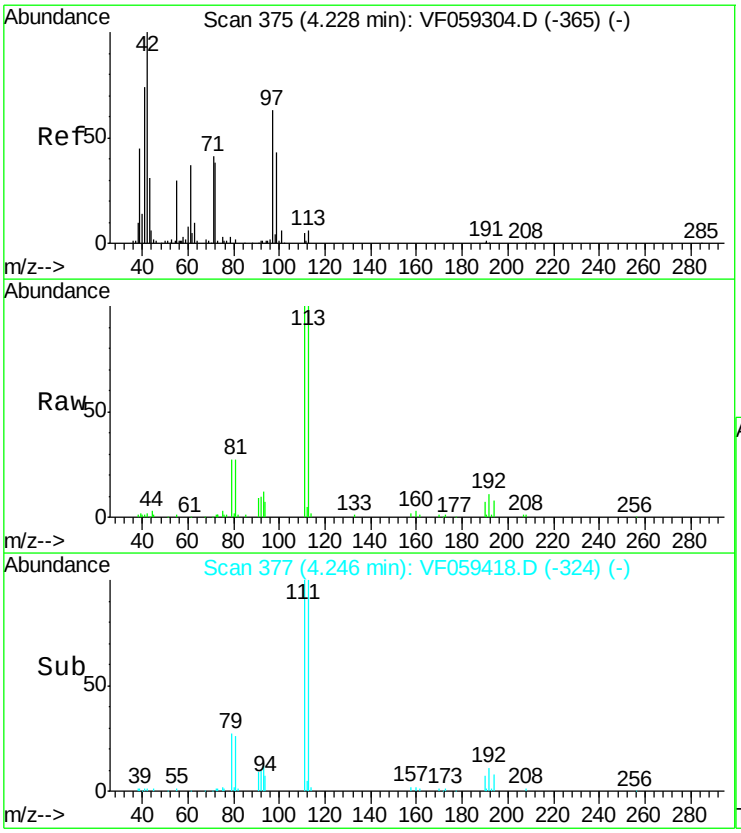
#28
Bromochloromethane
Concen: Below Cal
RT: 3.87 min Scan# 339
Delta R.T. -0.00 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-DRE

Tgt Ion: 49 Resp: 85

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

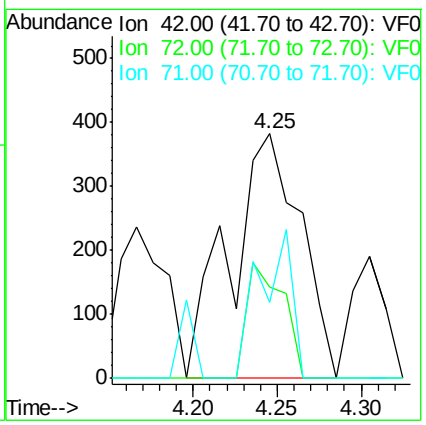


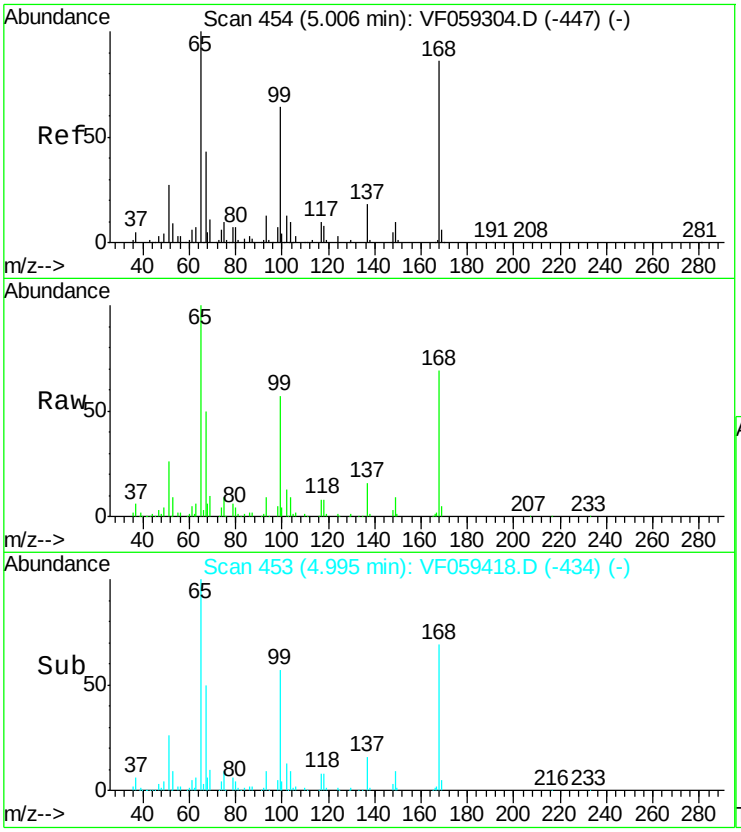


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.25 min Scan# 377
Delta R.T. 0.02 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion: 42 Resp: 1106

Ion	Ratio	Lower	Upper
42	100		
72	24.2	30.5	45.7#
71	28.3	32.5	48.7#



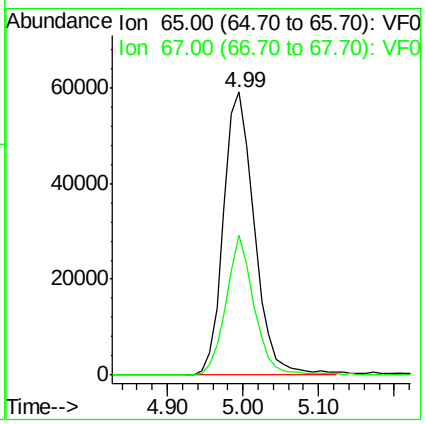


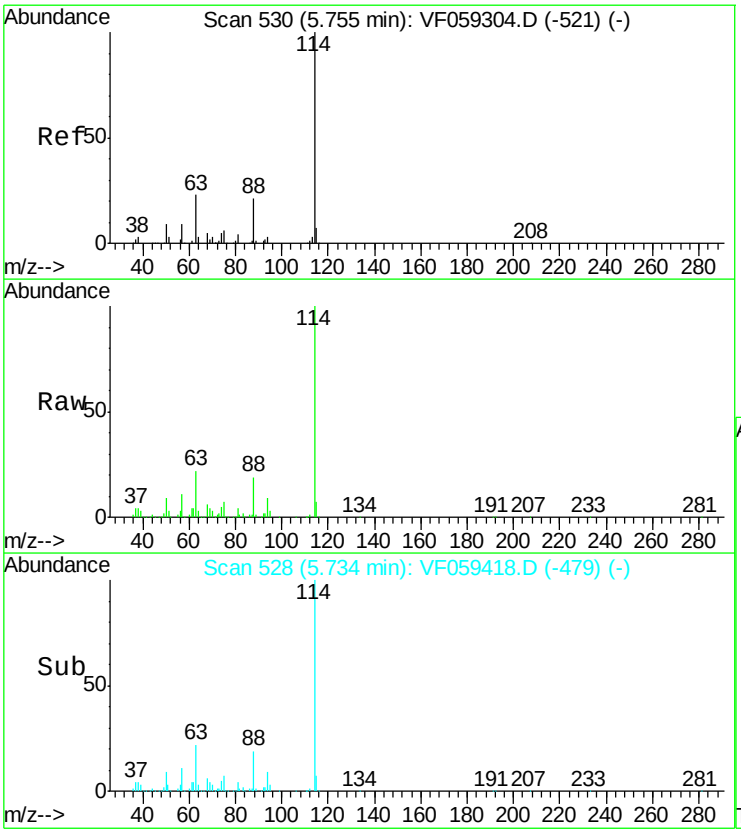
#33
1,2-Dichloroethane-d4
Concen: 56.330 ug/l
RT: 4.99 min Scan# 453
Delta R.T. -0.01 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-DRE

Tgt Ion: 65 Resp: 166955

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	96.8

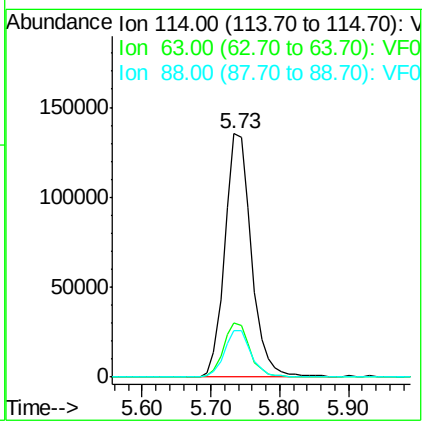


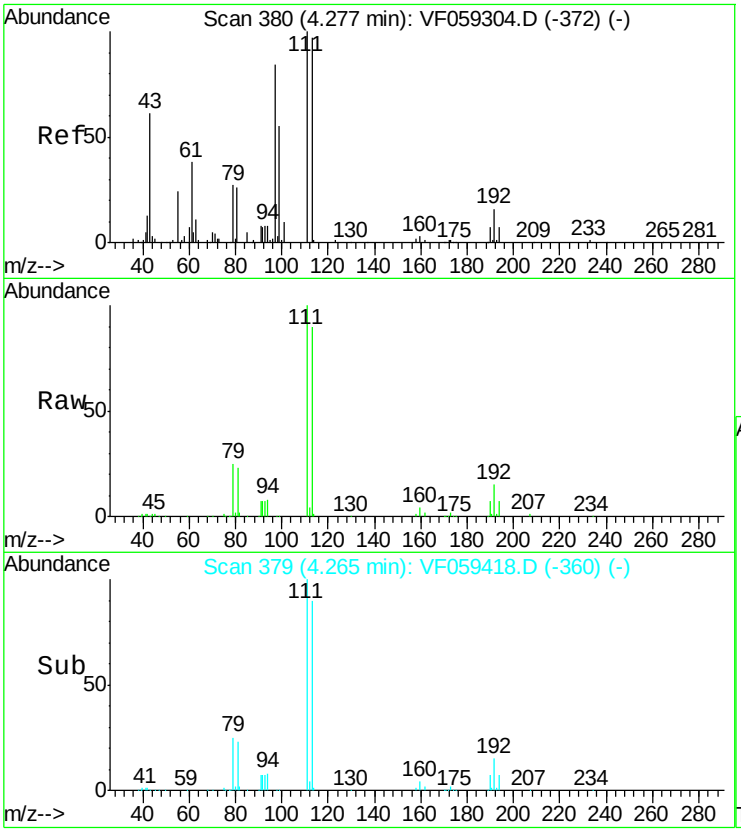


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.73 min Scan# 528
Delta R.T. -0.02 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion:114 Resp: 361951

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.8
88	19.0	0.0	41.2



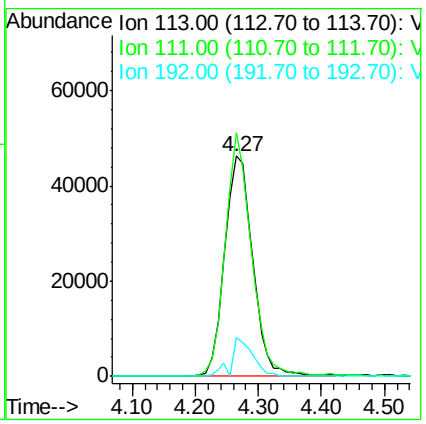


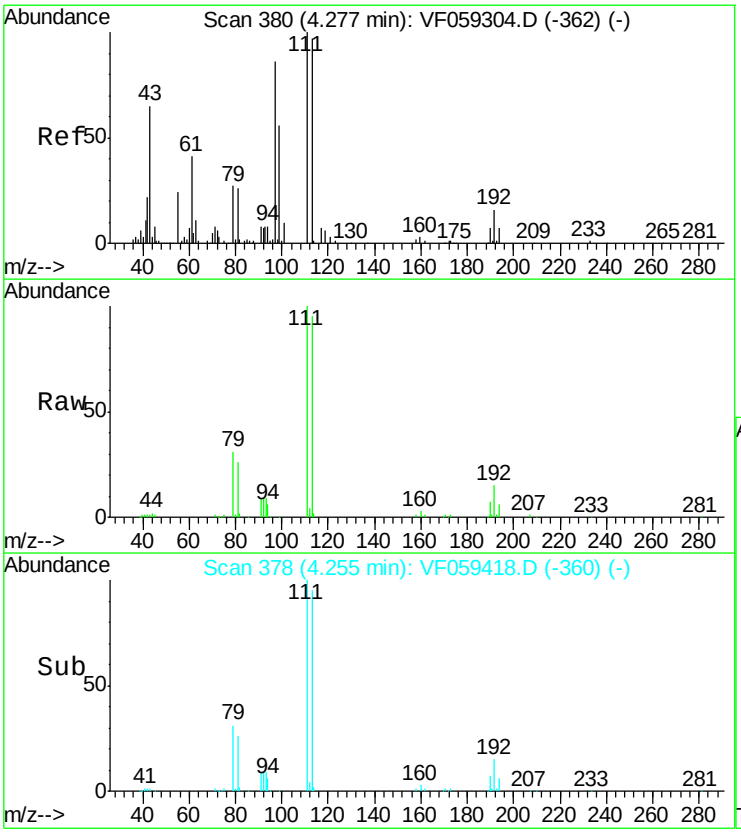
#35
Dibromofluoromethane
Concen: 54.039 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-DRE

Tgt Ion:113 Resp: 142916

Ion	Ratio	Lower	Upper
113	100		
111	110.7	82.1	123.1
192	17.5	13.0	19.6

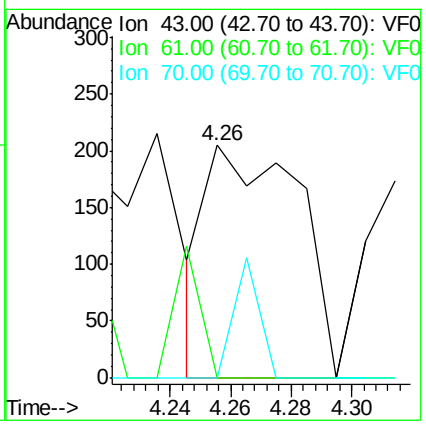


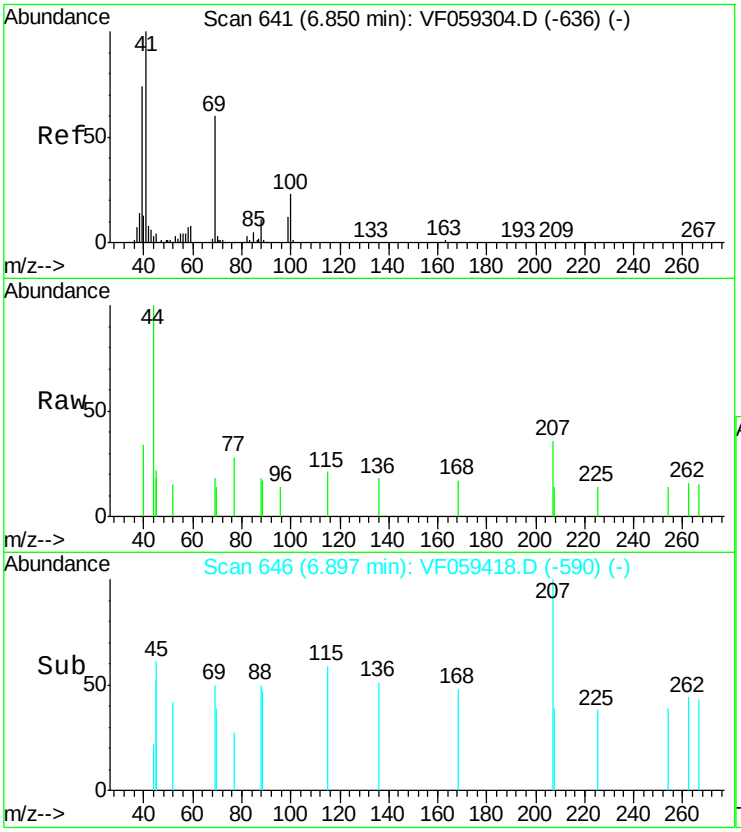


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion: 43 Resp: 432

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



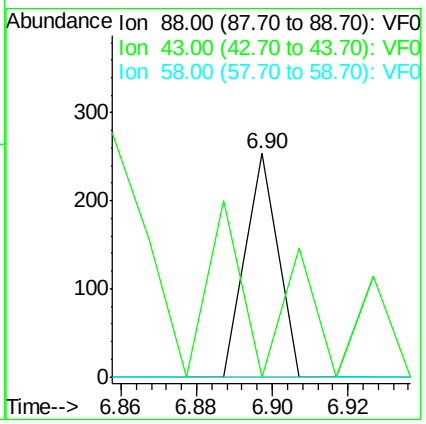


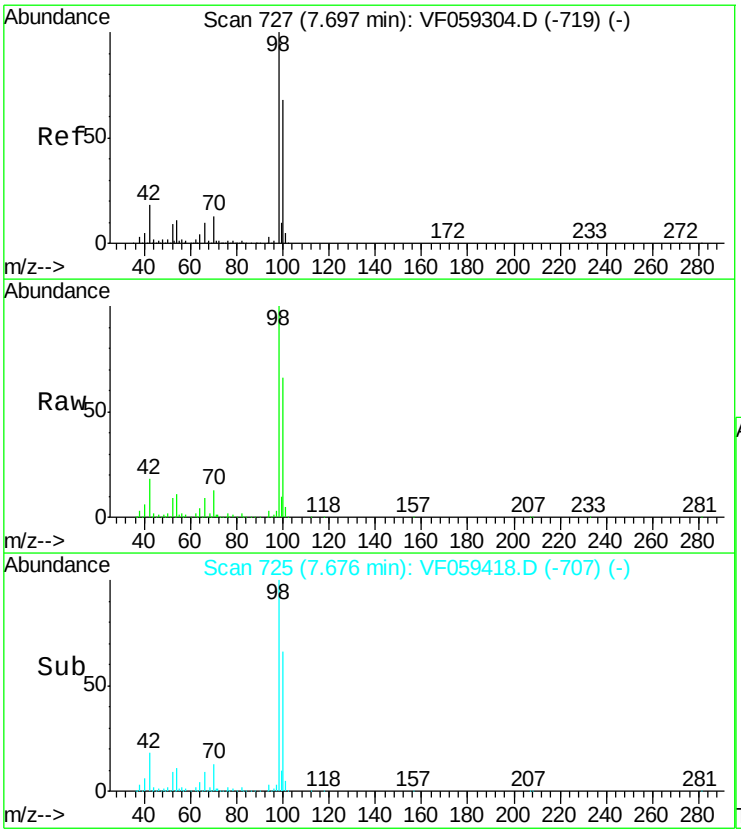
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.90 min Scan# 646
Delta R.T. 0.05 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-DRE

Tgt Ion: 88 Resp: 150

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

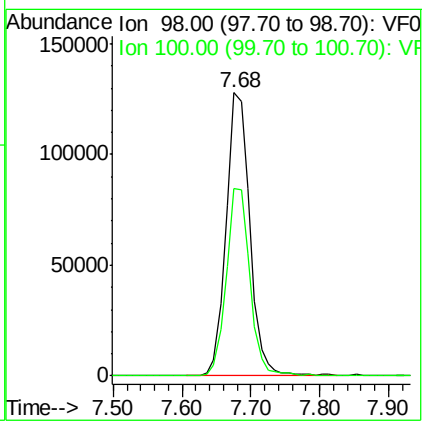


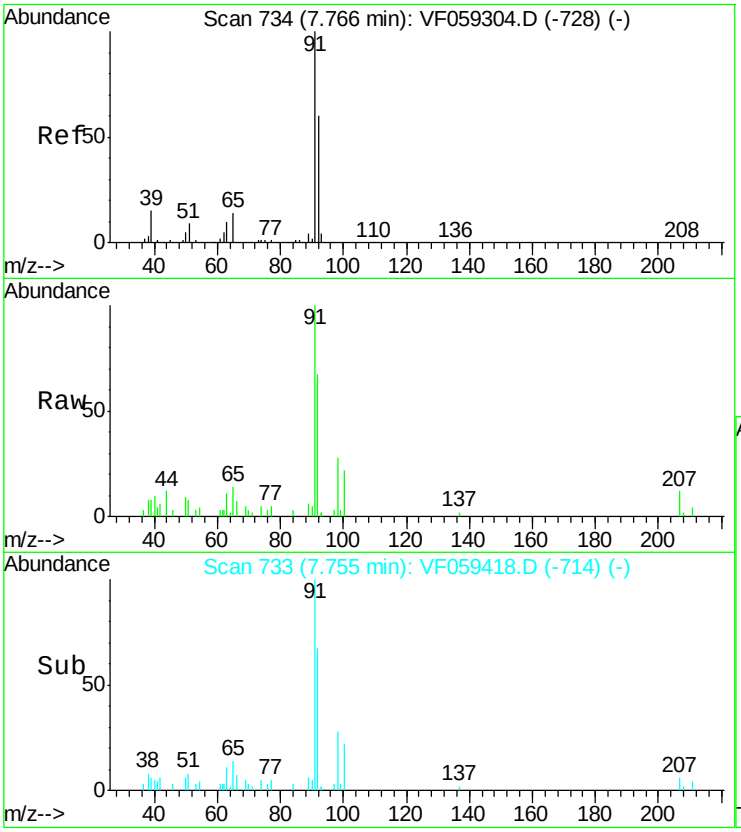


#50
Toluene-d8
Concen: 46.575 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion: 98 Resp: 304967

Ion	Ratio	Lower	Upper
98	100		
100	66.3	54.6	82.0



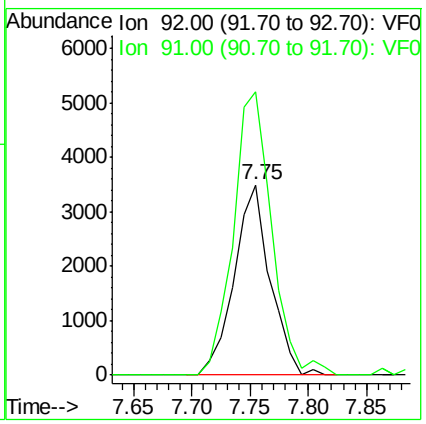


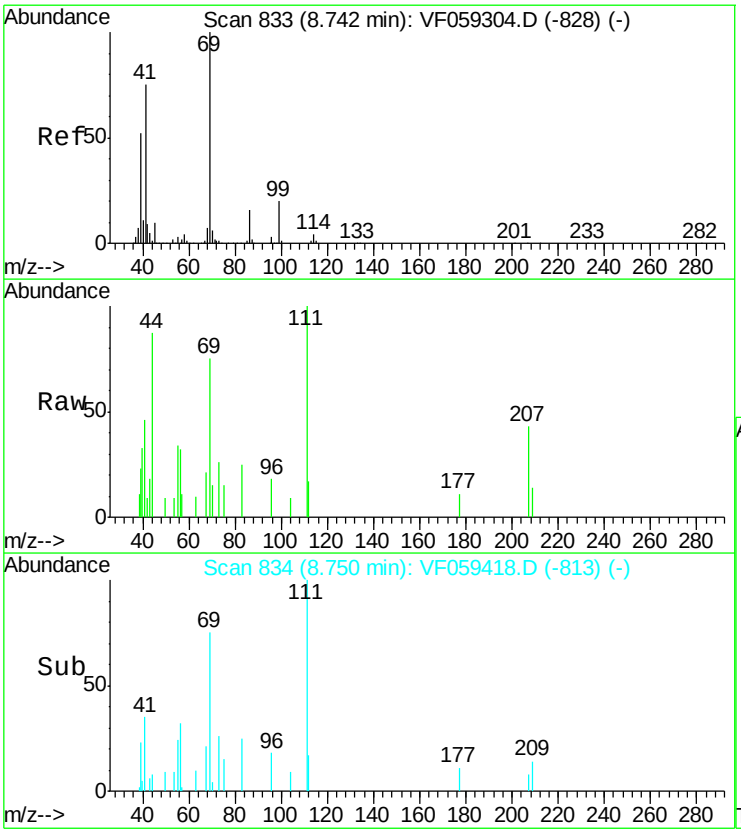
#52
Toluene
Concen: 1.426 ug/l
RT: 7.75 min Scan# 733
Delta R.T. -0.01 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-DRE

Tgt Ion: 92 Resp: 7480

Ion	Ratio	Lower	Upper
92	100		
91	148.9	132.8	199.2

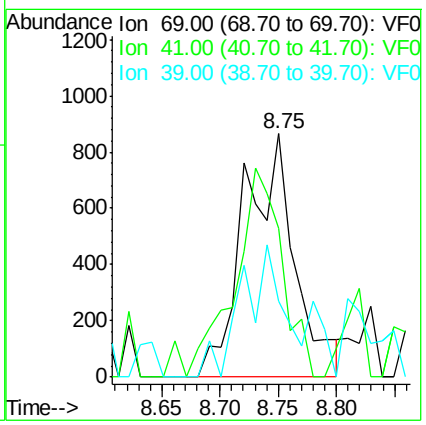


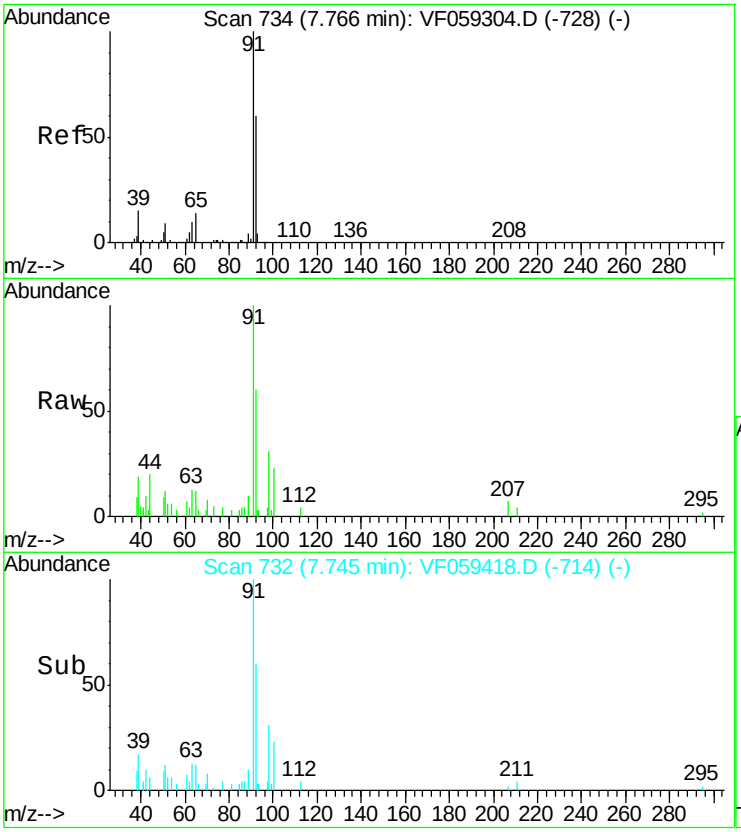


#56
Ethyl methacrylate
Concen: 1.036 ug/l
RT: 8.75 min Scan# 834
Delta R.T. 0.01 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion: 69 Resp: 2615

Ion	Ratio	Lower	Upper
69	100		
41	61.0	60.3	90.5
39	31.1	42.2	63.4#



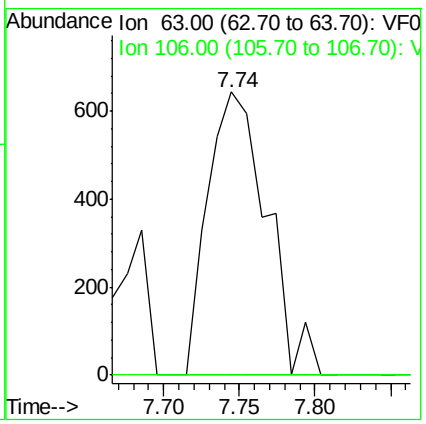


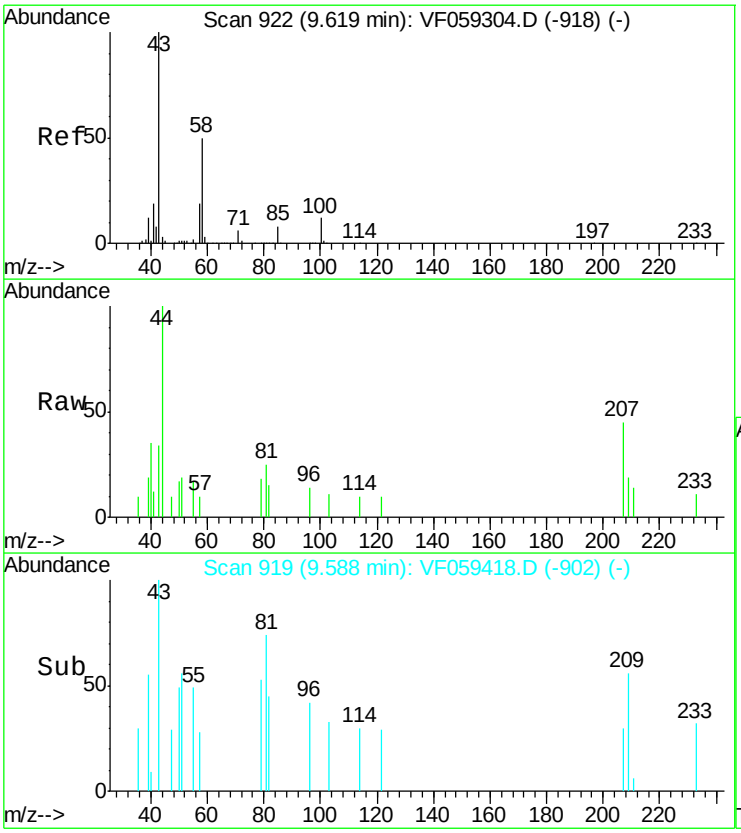
#58
2-Chloroethyl Vinyl ether
Concen: 9.253 ug/l
RT: 7.74 min Scan# 732
Delta R.T. -0.02 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-DRE

Tgt Ion: 63 Resp: 1751

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

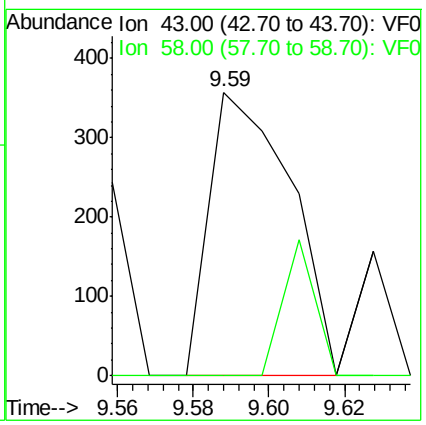


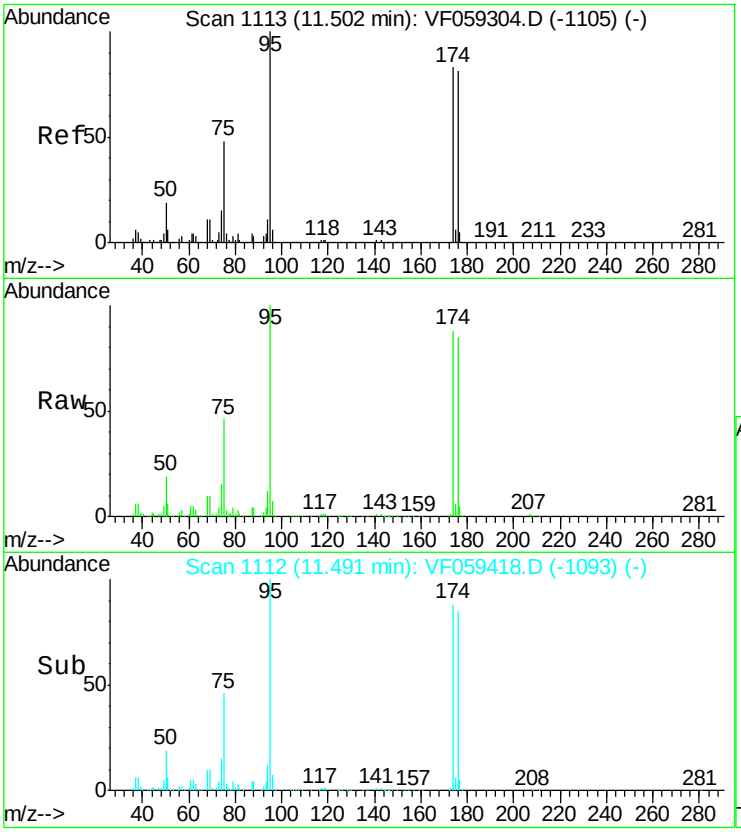


#59
2-Hexanone
Concen: Below Cal
RT: 9.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion: 43 Resp: 529

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.9#



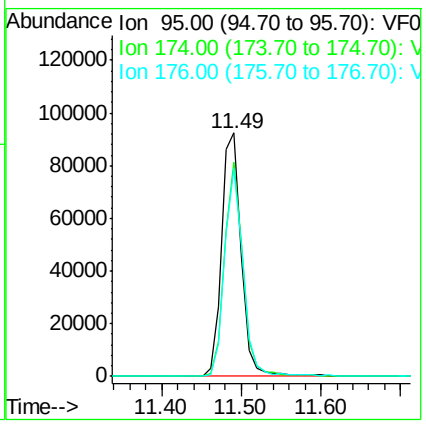


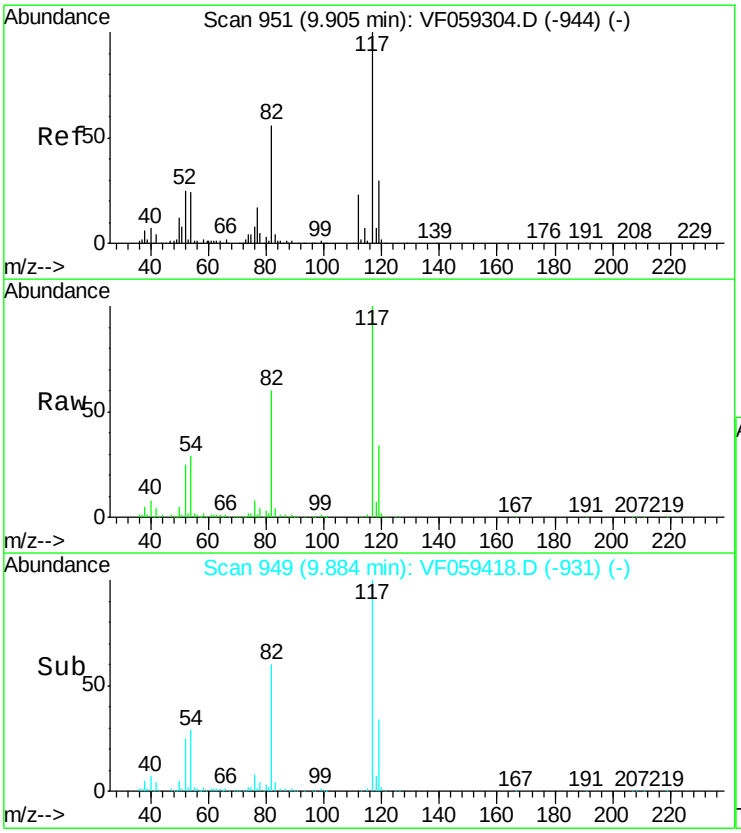
#62
4-Bromofluorobenzene
Concen: 43.777 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-DRE

Tgt Ion: 95 Resp: 161696

Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	165.2
176	85.2	0.0	161.0

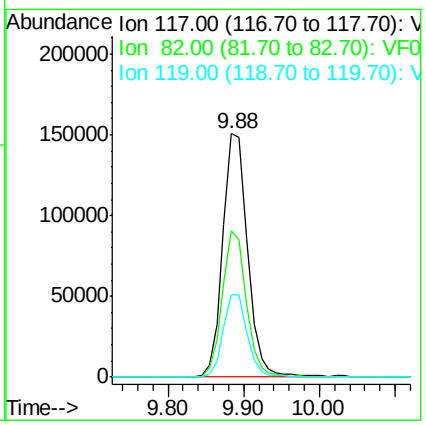


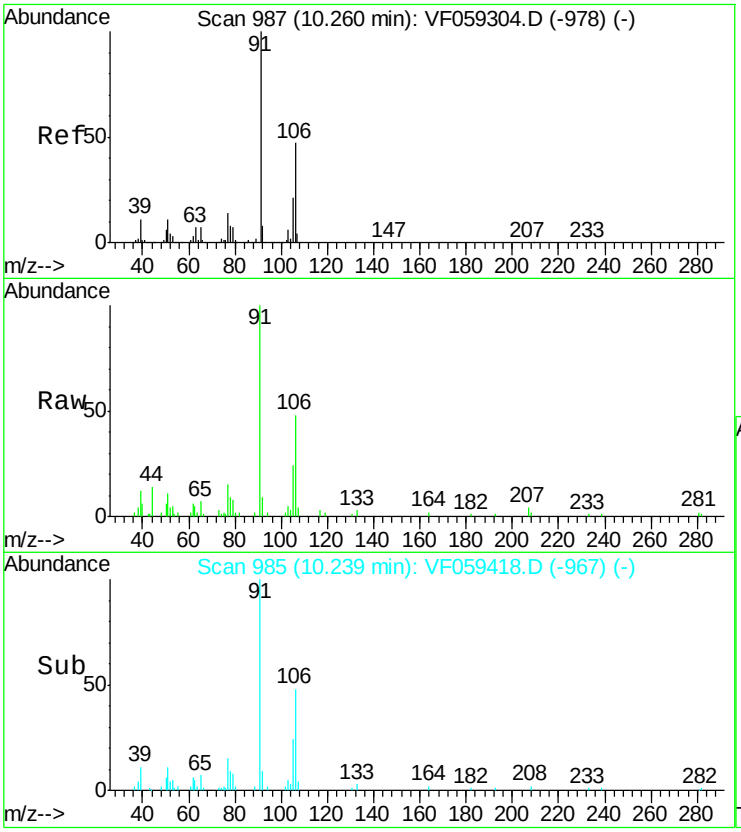


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion:117 Resp: 343725

Ion	Ratio	Lower	Upper
117	100		
82	60.2	44.6	66.8
119	33.6	24.1	36.1



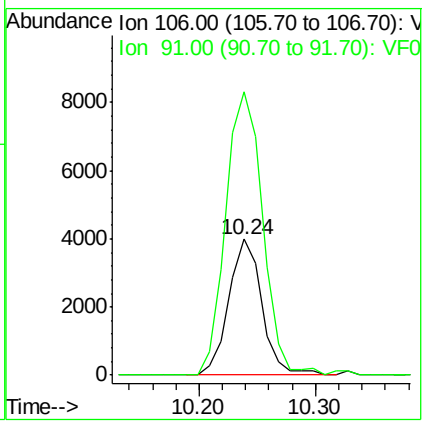


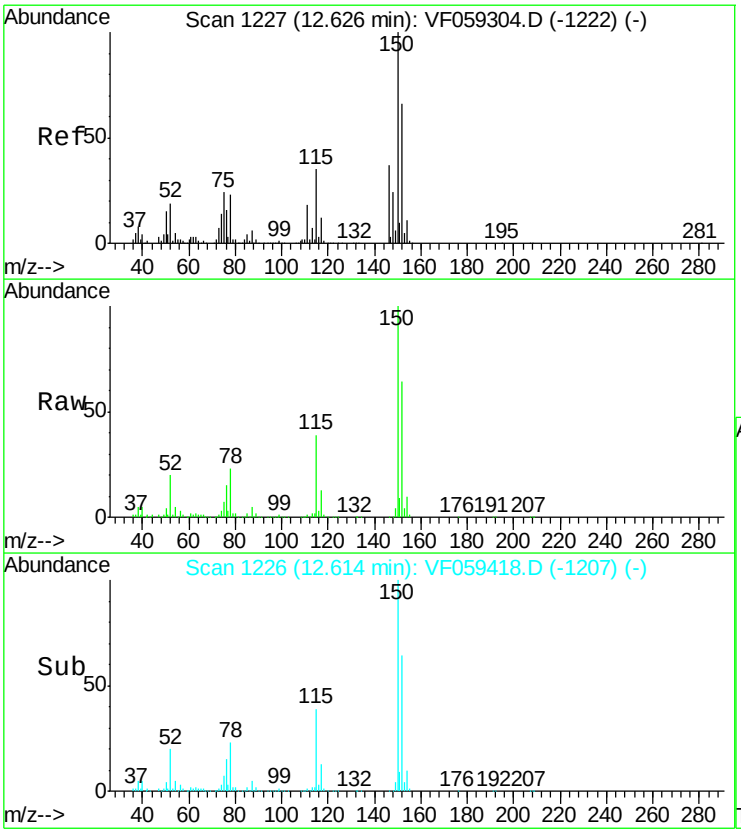
#68
m/p-Xylenes
Concen: 2.038 ug/l
RT: 10.24 min Scan# 985
Delta R.T. -0.02 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-DRE

Tgt Ion:106 Resp: 7837

Ion	Ratio	Lower	Upper
106	100		
91	208.2	170.8	256.2

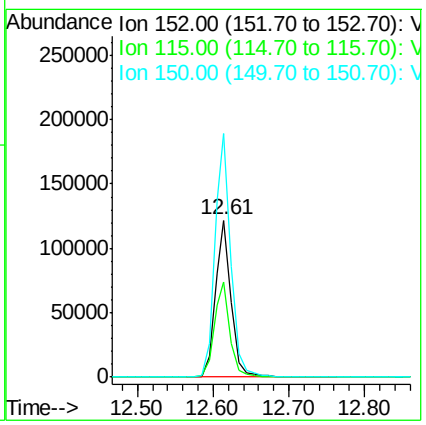


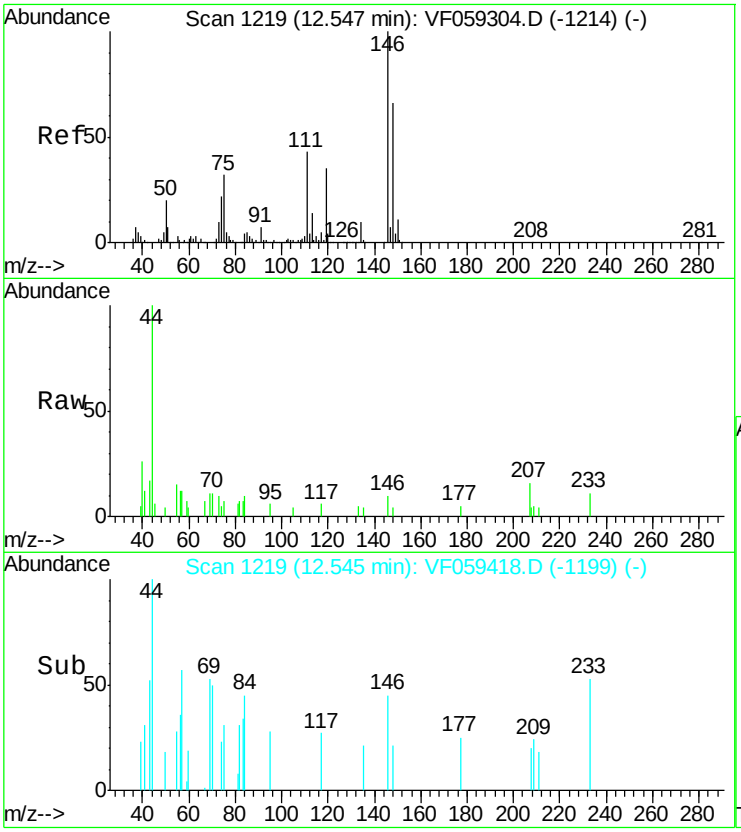


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Tgt Ion:152 Resp: 176499

Ion	Ratio	Lower	Upper
152	100		
115	60.7	27.1	81.3
150	155.5	0.0	305.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.55 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VF059418.D
Acq: 3 Jul 2018 18:02

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-DRE

Tgt Ion:146 Resp: 357

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.2#
148	45.7	32.8	98.4