Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062018\
Data File : VF059241.D
Acq On : 20 Jun 2018 22:23
Operator : VA/AP
Sample : J3584-11RE
Misc : 5.17g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 21 06:39:55 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	5.03	168	220605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	348887	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	359527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	229522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	167213	62.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 125.00%			
35) Dibromofluoromethane	4.29	113	146981	60.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.08%			
50) Toluene-d8	7.71	98	338061	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.02%			
62) 4-Bromofluorobenzene	11.51	95	194151	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.26%			
Target Compounds						Qvalue
8) Diethyl Ether	1.72	74	710	1.040	ug/l	46
11) Tert butyl alcohol	2.67	59	265	1.546	ug/l #	71
13) Acrolein	2.09	56	275	1.853	ug/l	86
15) Acrylonitrile	3.03	53	488	1.433	ug/l #	22
16) Acetone	2.34	43	10690	16.735	ug/l #	84
18) Methyl Acetate	2.48	43	5862	5.338	ug/l #	66
20) Methylene Chloride	2.27	84	8359	5.465	ug/l	89
29) Tetrahydrofuran	4.24	42	1084	2.484	ug/l #	47
49) 1,4-Dioxane	6.88	88	90	19.456	ug/l #	45
89) n-Butylbenzene	12.91	91	442	Below Cal	#	40

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059241.D
Acq On : 20 Jun 2018 22:23
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
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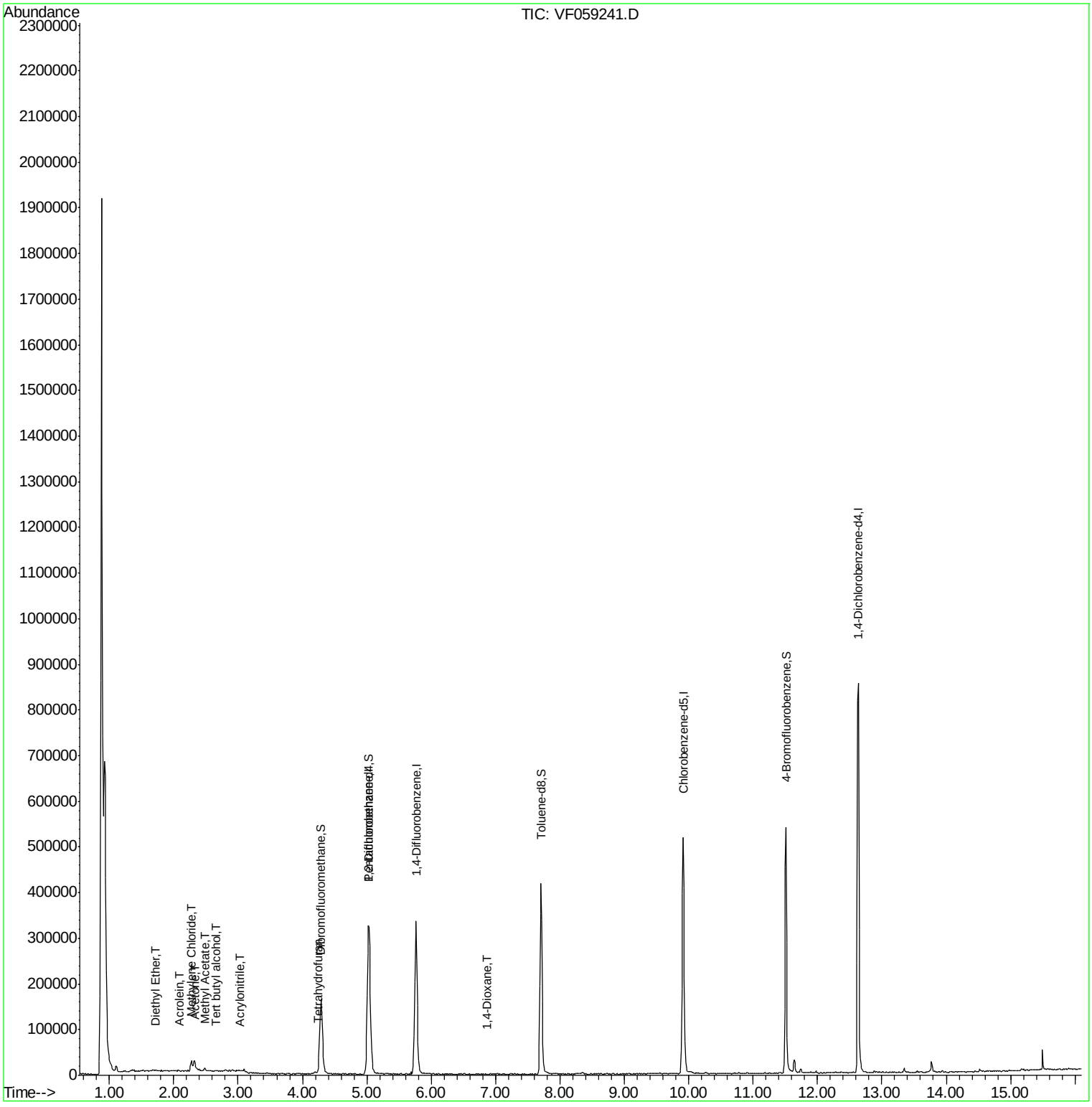
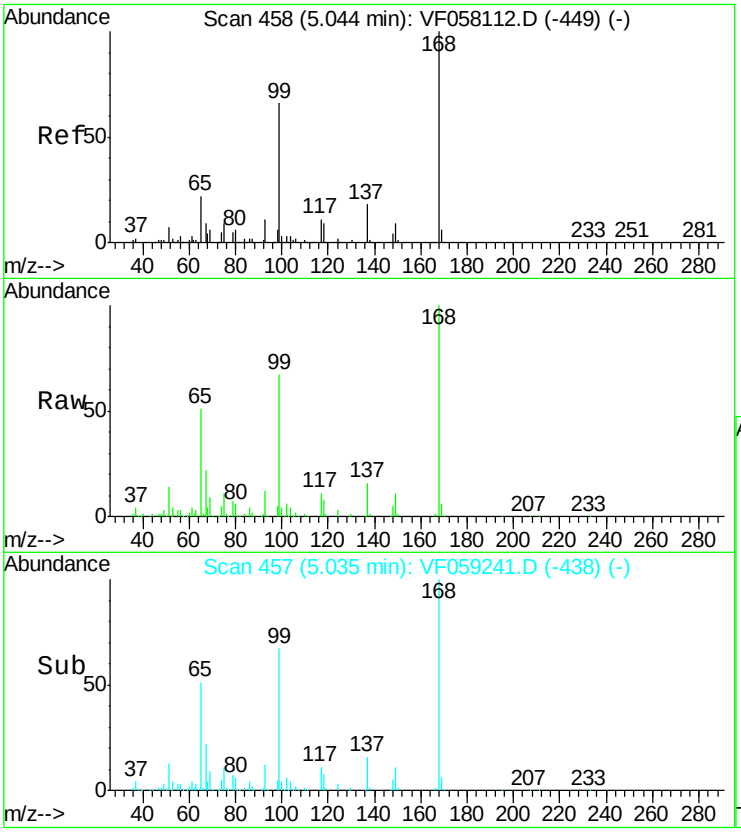
Response via : Initial Calibration



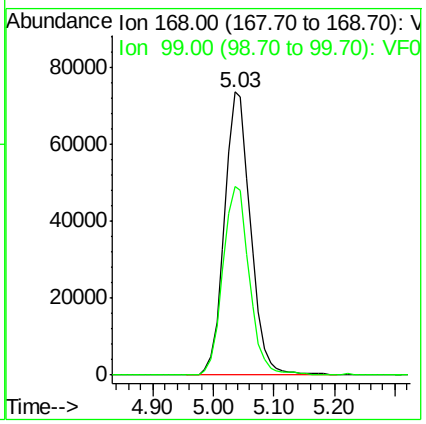


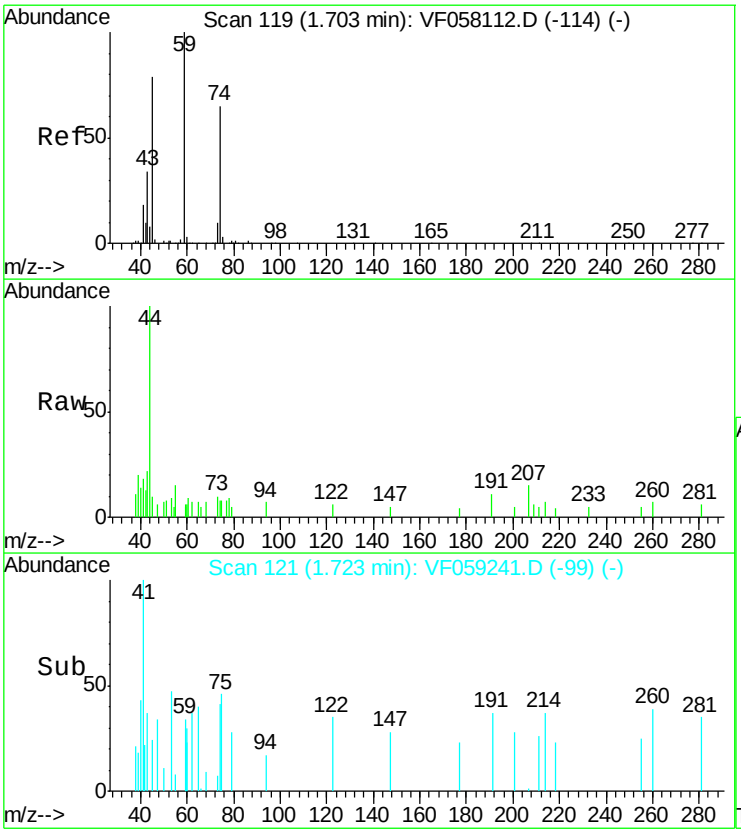
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 220605

Ion	Ratio	Lower	Upper
168	100		
99	66.5	52.9	79.3

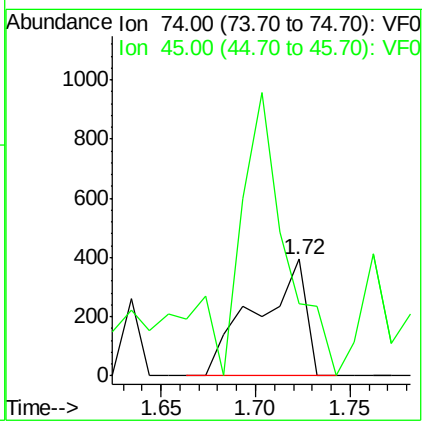


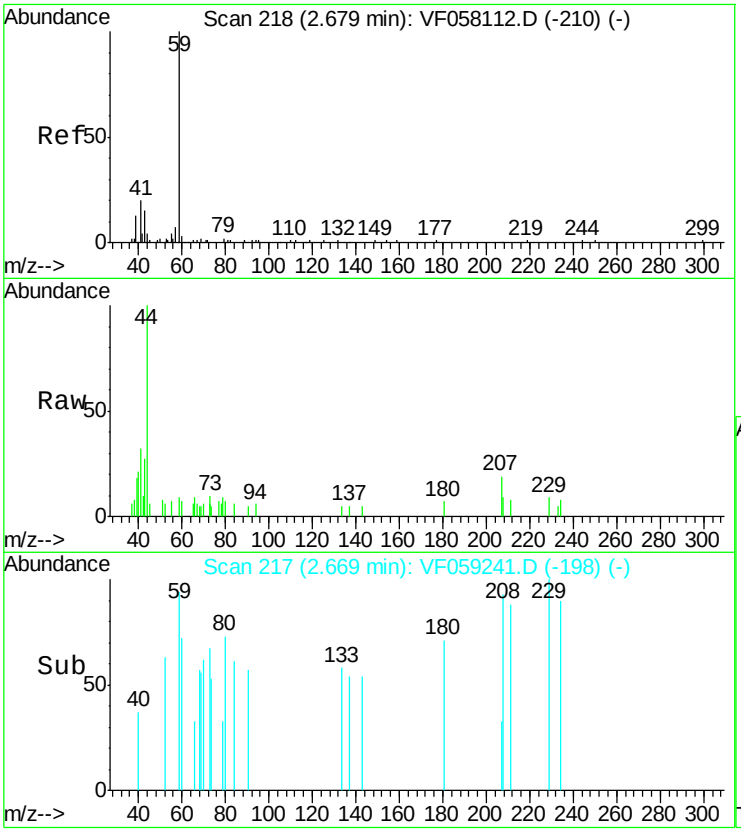


#8
Diethyl Ether
Concen: 1.040 ug/l
RT: 1.72 min Scan# 121
Delta R.T. 0.02 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Tgt Ion: 74 Resp: 710

Ion	Ratio	Lower	Upper
74	100		
45	61.6	61.5	184.4



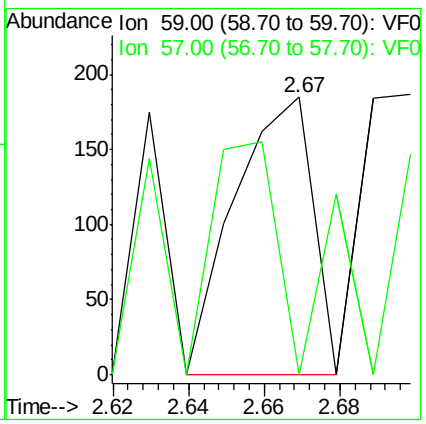


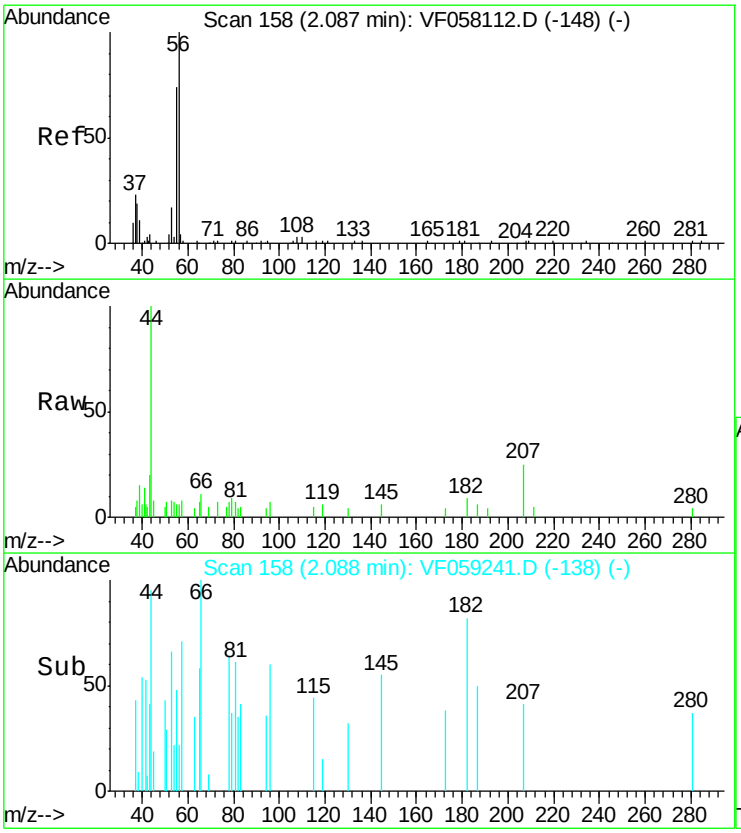
#11
Tert butyl alcohol
Concen: 1.546 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.01 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 265

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

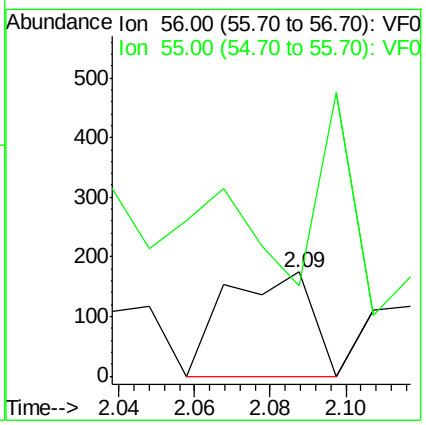


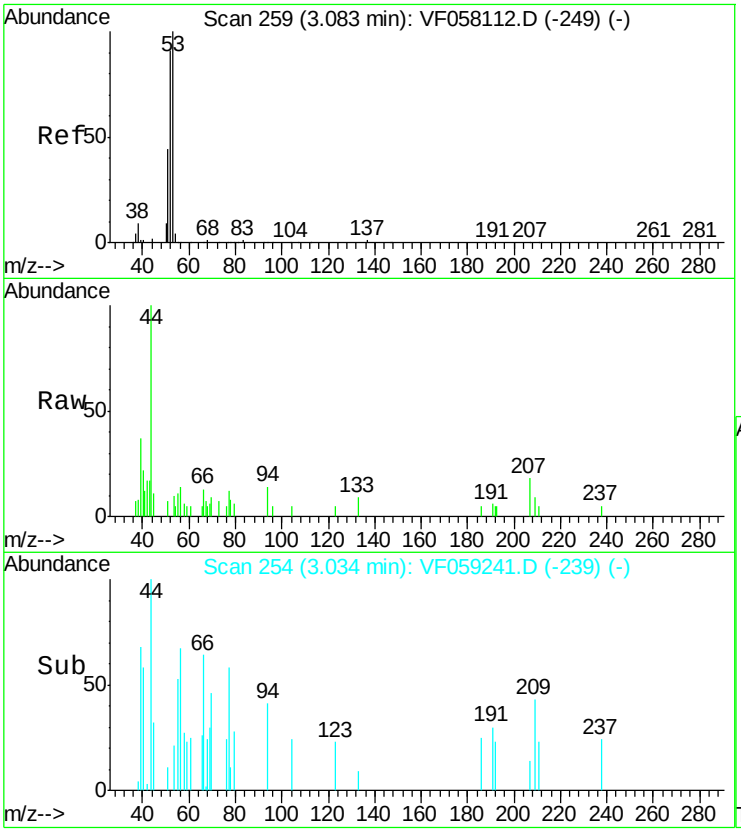


#13
Acrolein
Concen: 1.853 ug/l
RT: 2.09 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Tgt Ion: 56 Resp: 275

Ion	Ratio	Lower	Upper
56	100		
55	86.8	60.0	90.0



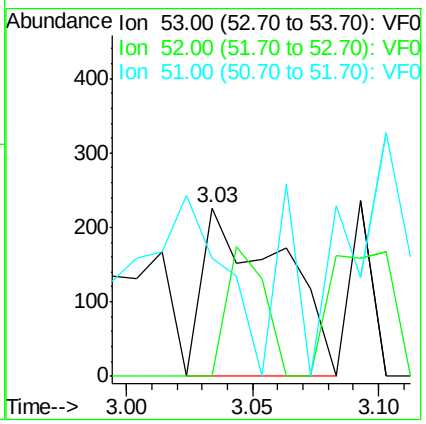


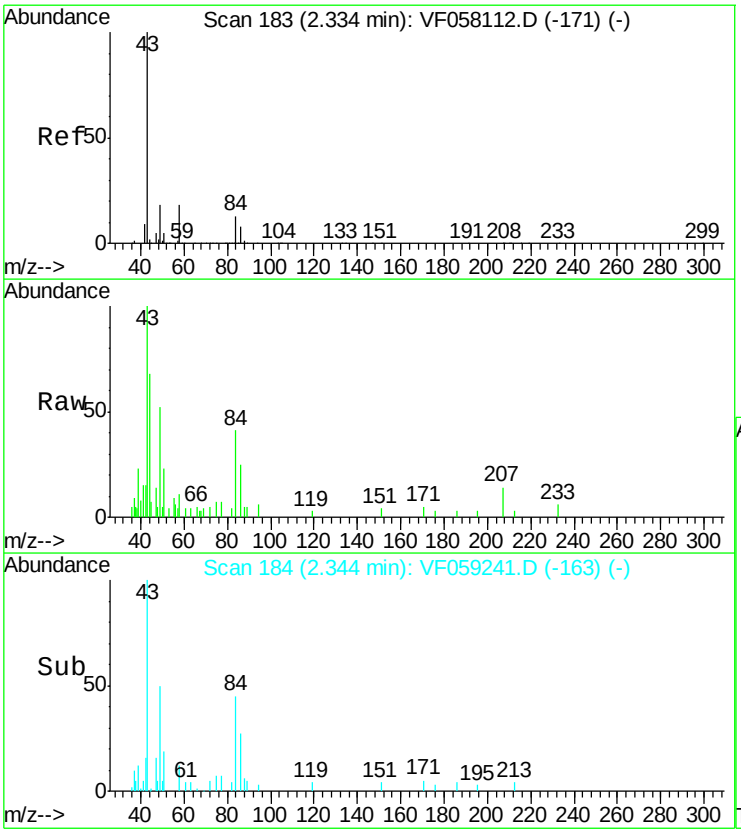
#15
Acrylonitrile
Concen: 1.433 ug/l
RT: 3.03 min Scan# 254
Delta R.T. -0.05 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 488

Ion	Ratio	Lower	Upper
53	100		
52	0.0	73.2	109.8#
51	69.9	35.6	53.4#

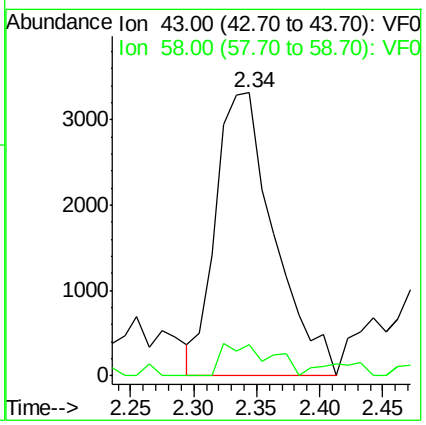


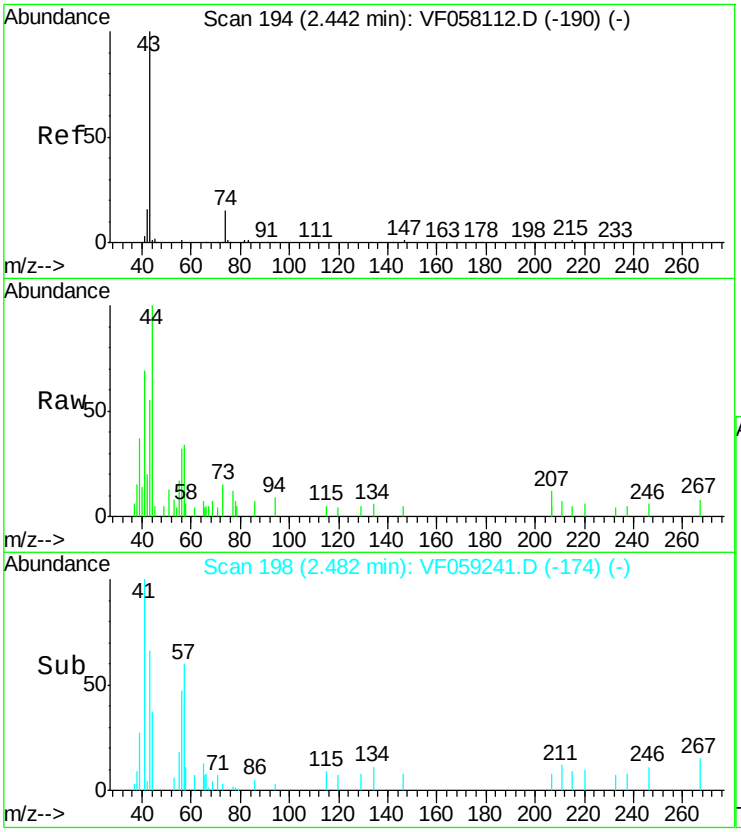


#16
Acetone
Concen: 16.735 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Tgt Ion: 43 Resp: 10690

Ion	Ratio	Lower	Upper
43	100		
58	10.9	14.4	21.6#



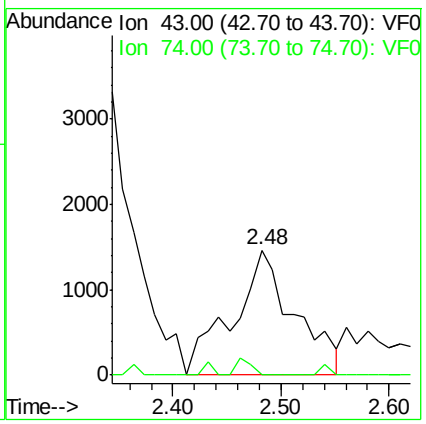


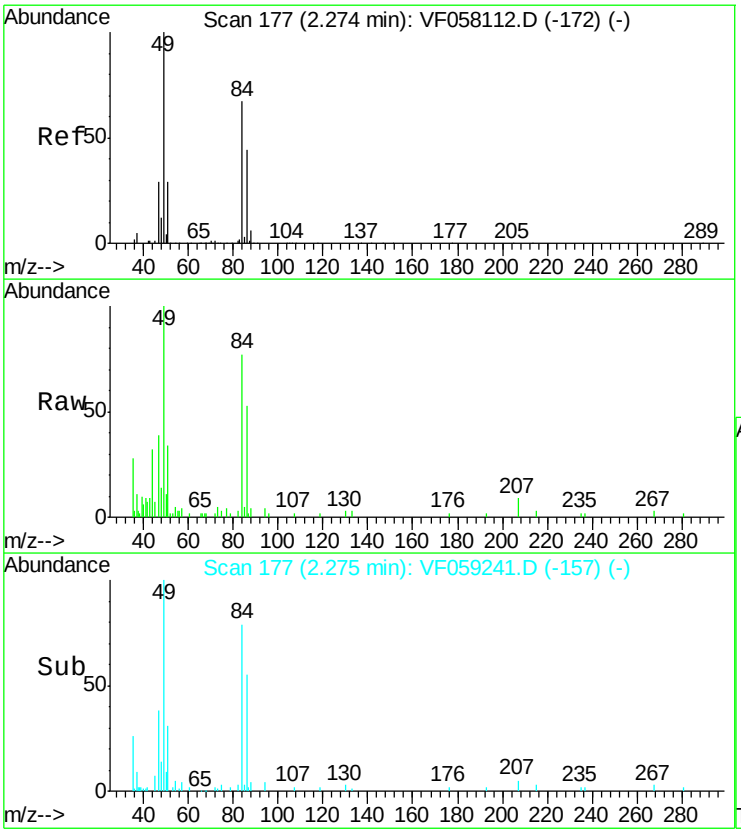
#18
Methyl Acetate
Concen: 5.338 ug/l
RT: 2.48 min Scan# 198
Delta R.T. 0.04 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5862

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.9	16.3#

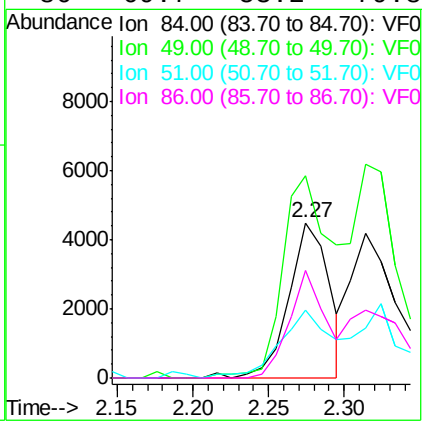


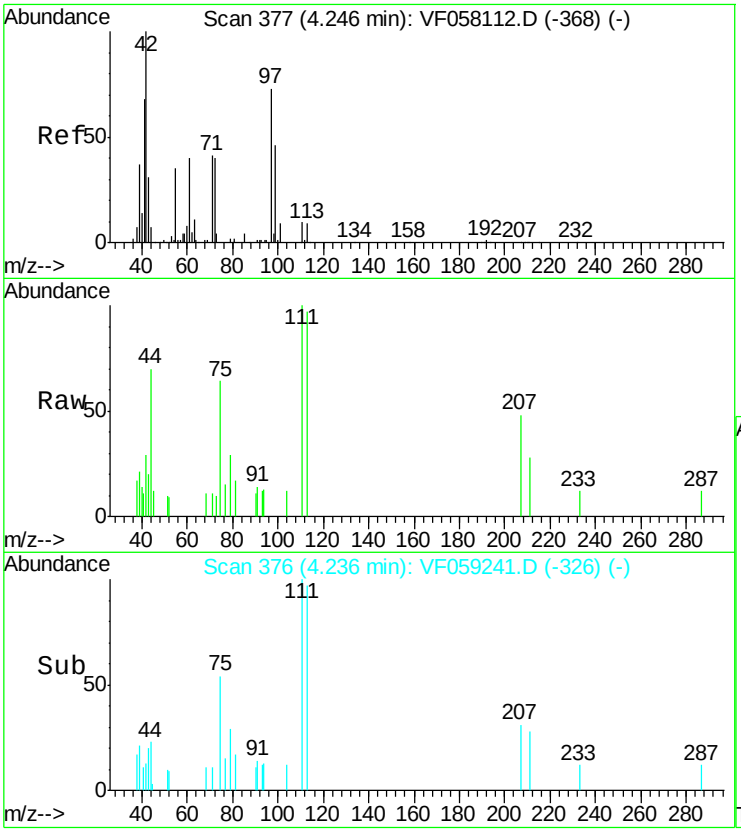


#20
Methylene Chloride
Concen: 5.465 ug/l
RT: 2.27 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Tgt Ion: 84 Resp: 8359

Ion	Ratio	Lower	Upper
84	100		
49	130.4	121.0	181.4
51	43.7	35.8	53.6
86	69.7	53.2	79.8



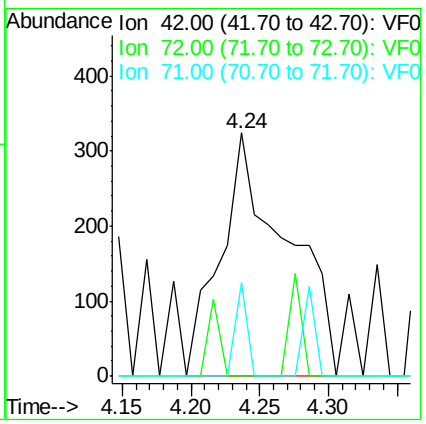


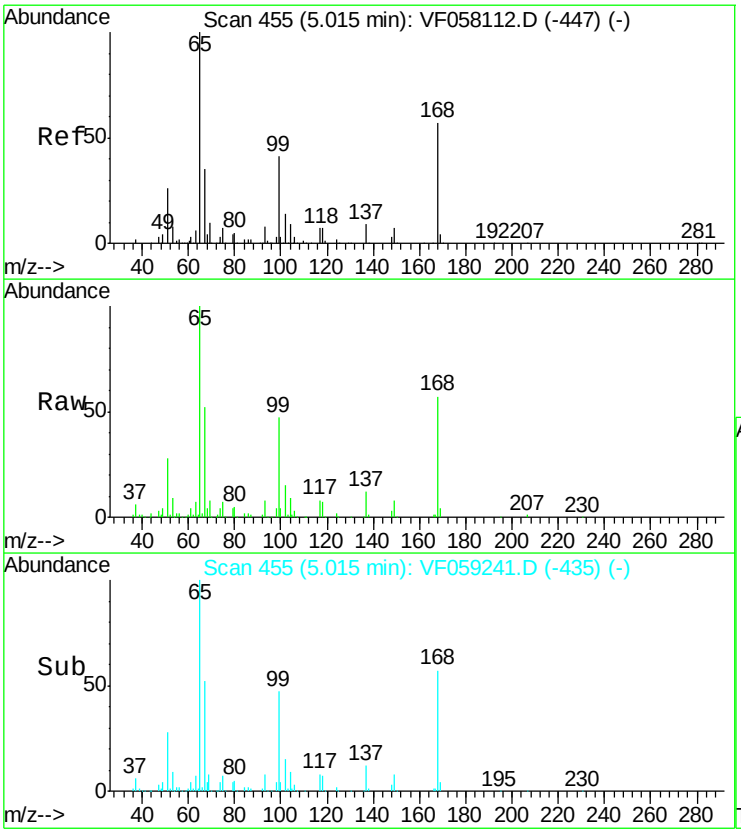
#29
Tetrahydrofuran
Concen: 2.484 ug/l
RT: 4.24 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1084

Ion	Ratio	Lower	Upper
42	100		
72	5.6	30.5	45.7#
71	6.8	31.5	47.3#

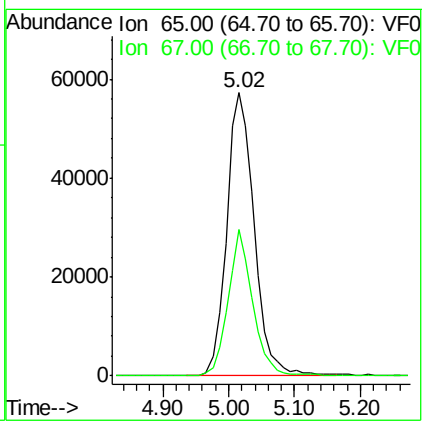


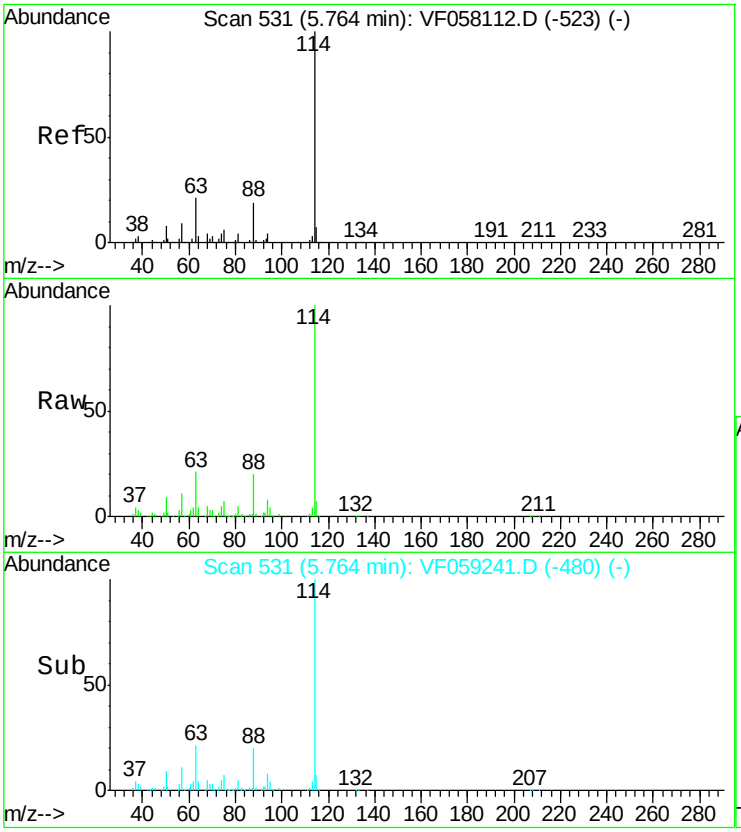


#33
1,2-Dichloroethane-d4
Concen: 62.498 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Tgt Ion: 65 Resp: 167213

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	97.0



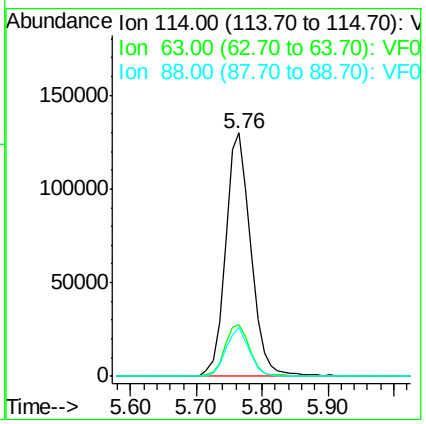


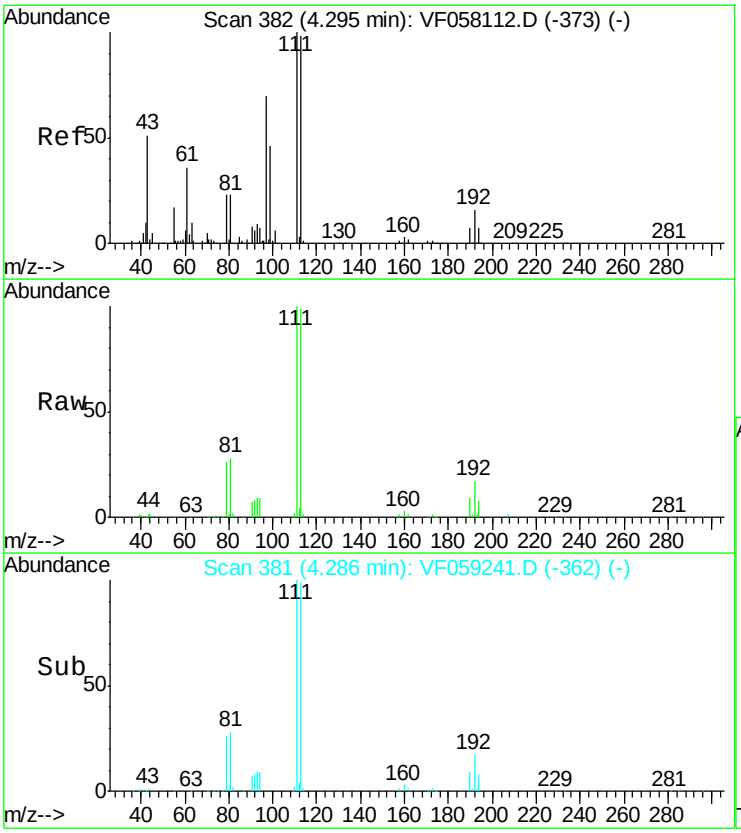
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.00 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 348887

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.6
88	20.0	0.0	38.8

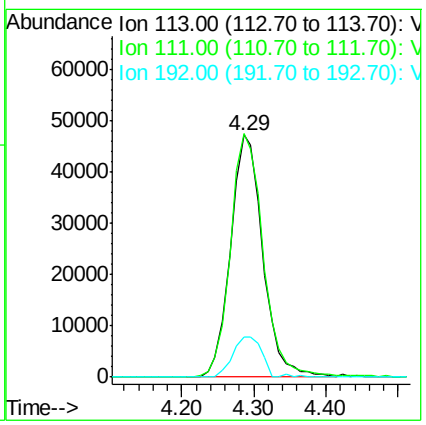


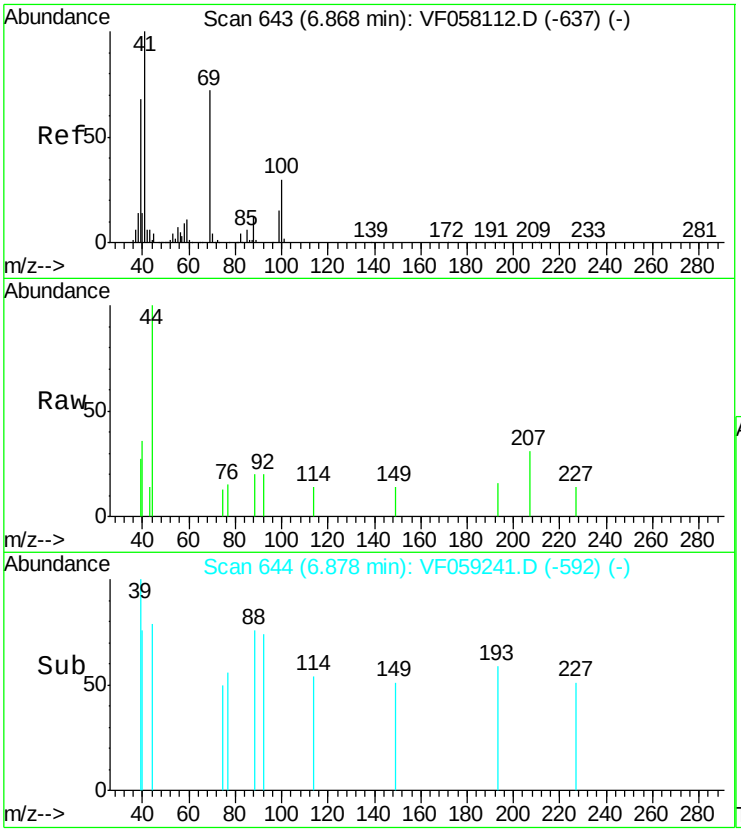


#35
Dibromofluoromethane
Concen: 60.040 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Tgt Ion:113 Resp: 146981

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.3	121.9
192	16.8	12.7	19.1



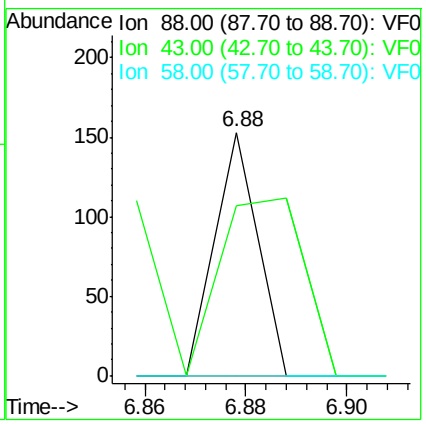


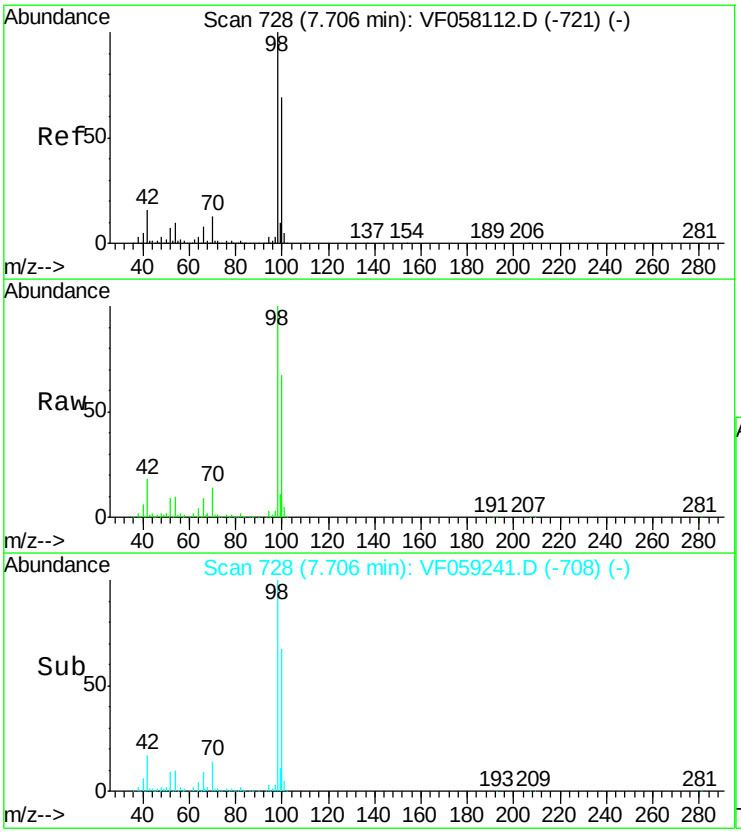
#49
1,4-Dioxane
Concen: 19.456 ug/l
RT: 6.88 min Scan# 644
Delta R.T. 0.01 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 90

Ion	Ratio	Lower	Upper
88	100		
43	69.9	47.8	71.8
58	0.0	59.4	89.0#

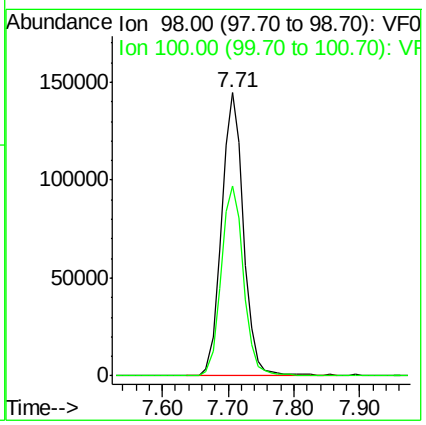


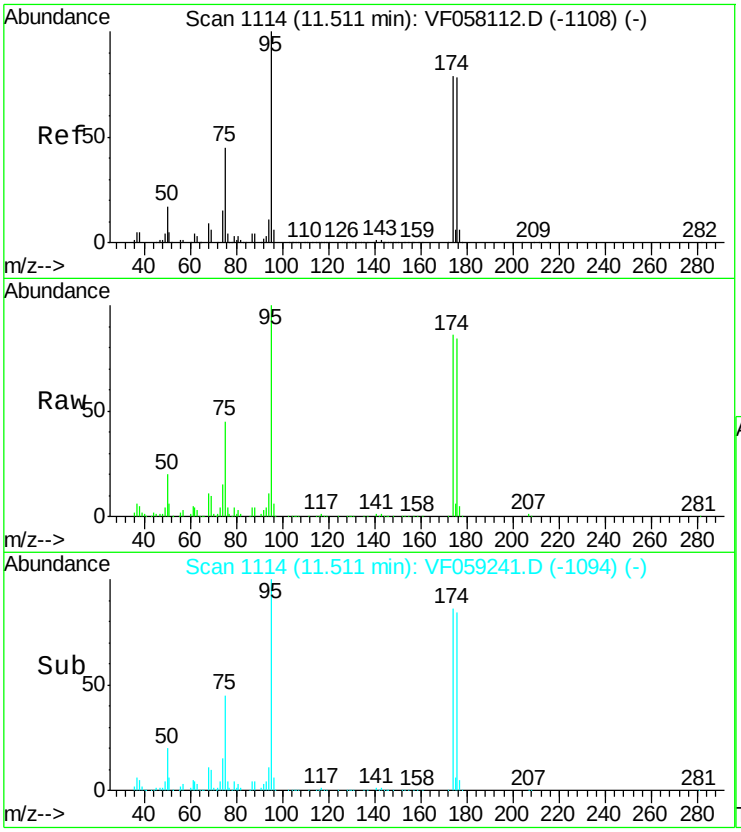


#50
Toluene-d8
Concen: 47.006 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Tgt Ion: 98 Resp: 338061

Ion	Ratio	Lower	Upper
98	100		
100	67.1	55.6	83.4



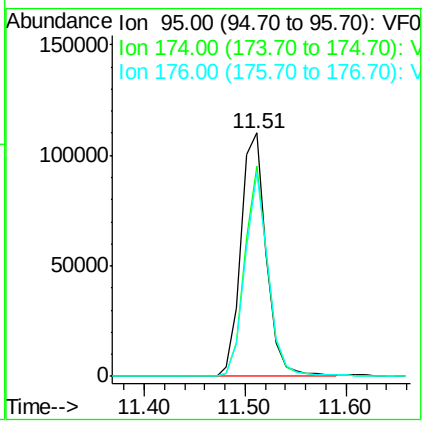


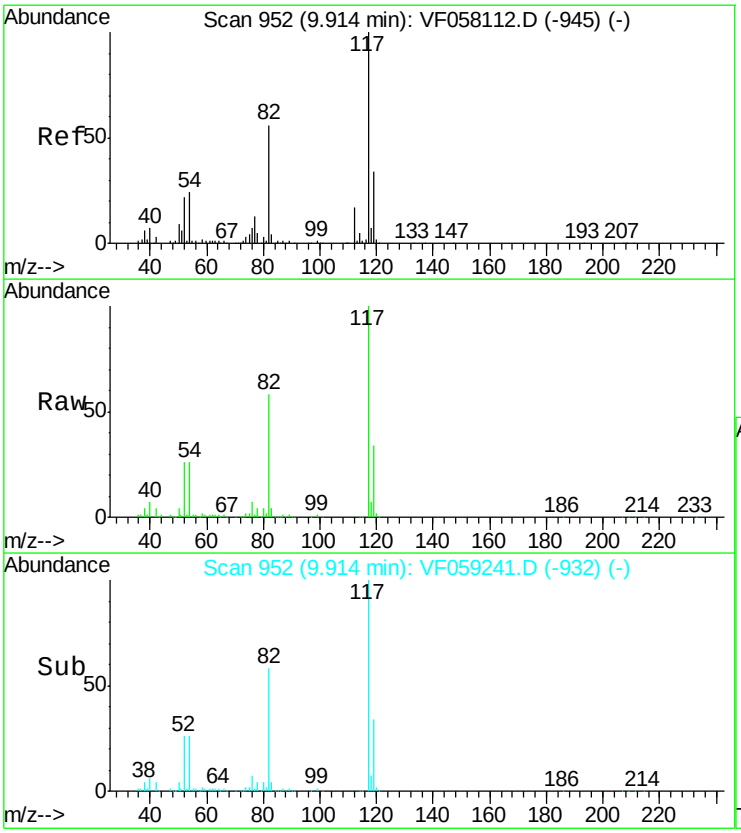
#62
4-Bromofluorobenzene
Concen: 52.633 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 194151

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	157.8
176	83.9	0.0	155.8

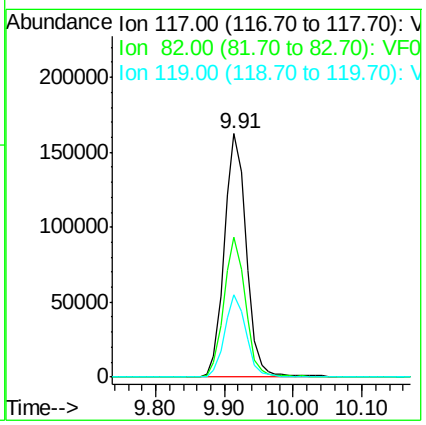


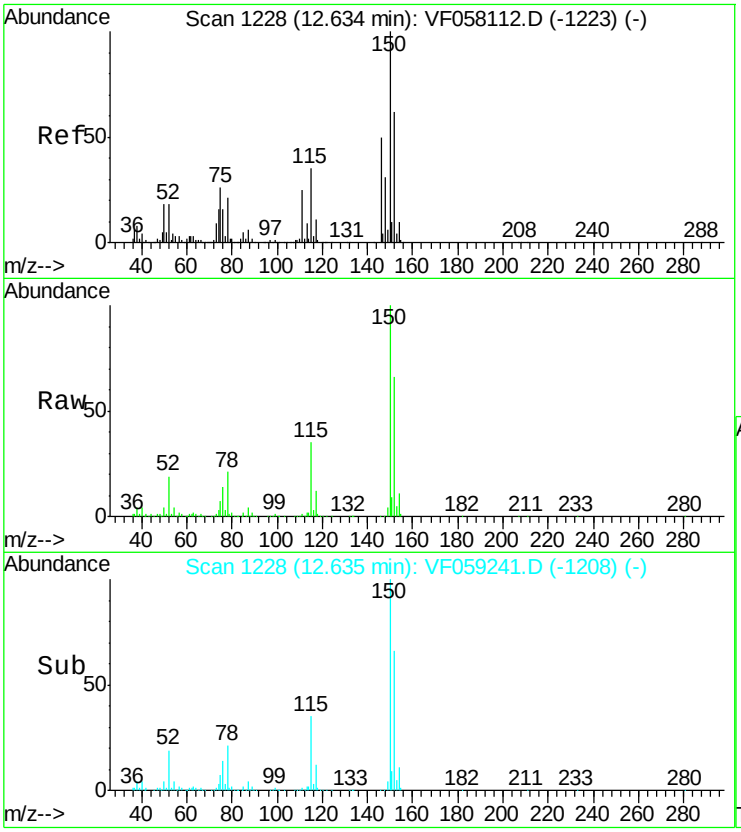


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059241.D
Acq: 20 Jun 2018 22:23

Tgt Ion:117 Resp: 359527

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.2	67.8
119	33.6	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: VF059241.D
Acq: 20 Jun 2018 22:23

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 229522

Ion	Ratio	Lower	Upper
152	100		
115	54.0	28.5	85.5
150	152.4	0.0	323.8