Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF061818\
Data File : VF059173.D
Acq On : 18 Jun 2018 14:06
Operator : VA/AP
Sample : J3244-01
Misc : 5.63g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : HD-01-061518

Quant Time: Jun 19 02:55:20 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	211434	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	320614	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	297429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	166001	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	175343	68.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 136.76%			
35) Dibromofluoromethane	4.29	113	148363	65.95	ug/l	-0.01
Spiked Amount 50.000			Recovery = 131.90%			
50) Toluene-d8	7.71	98	352112	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.56%			
62) 4-Bromofluorobenzene	11.50	95	184889	54.54	ug/l	-0.01
Spiked Amount 50.000			Recovery = 109.08%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.68	59	785	4.778	ug/l #	71
13) Acrolein	2.08	56	578	4.064	ug/l #	65
15) Acrylonitrile	3.07	53	386	1.183	ug/l #	1
18) Methyl Acetate	2.33	43	2923	2.777	ug/l	93
20) Methylene Chloride	2.27	84	4335	2.957	ug/l	87
39) Methylcyclohexane	5.75	83	4233	1.336	ug/l #	42
49) 1,4-Dioxane	6.86	88	137	23.622	ug/l #	1
59) 2-Hexanone	9.63	43	3594	2.578	ug/l	79
89) n-Butylbenzene	12.92	91	1414	Below Cal	#	68

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF061818\
Data File : VF059173.D
Acq On : 18 Jun 2018 14:06
Operator : VA/AP
Sample : J3244-01
Misc : 5.63g/5mL/MSVOA-F/SOIL
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ClientSampleId :
HD-01-061518

Quant Time: Jun 19 02:55:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
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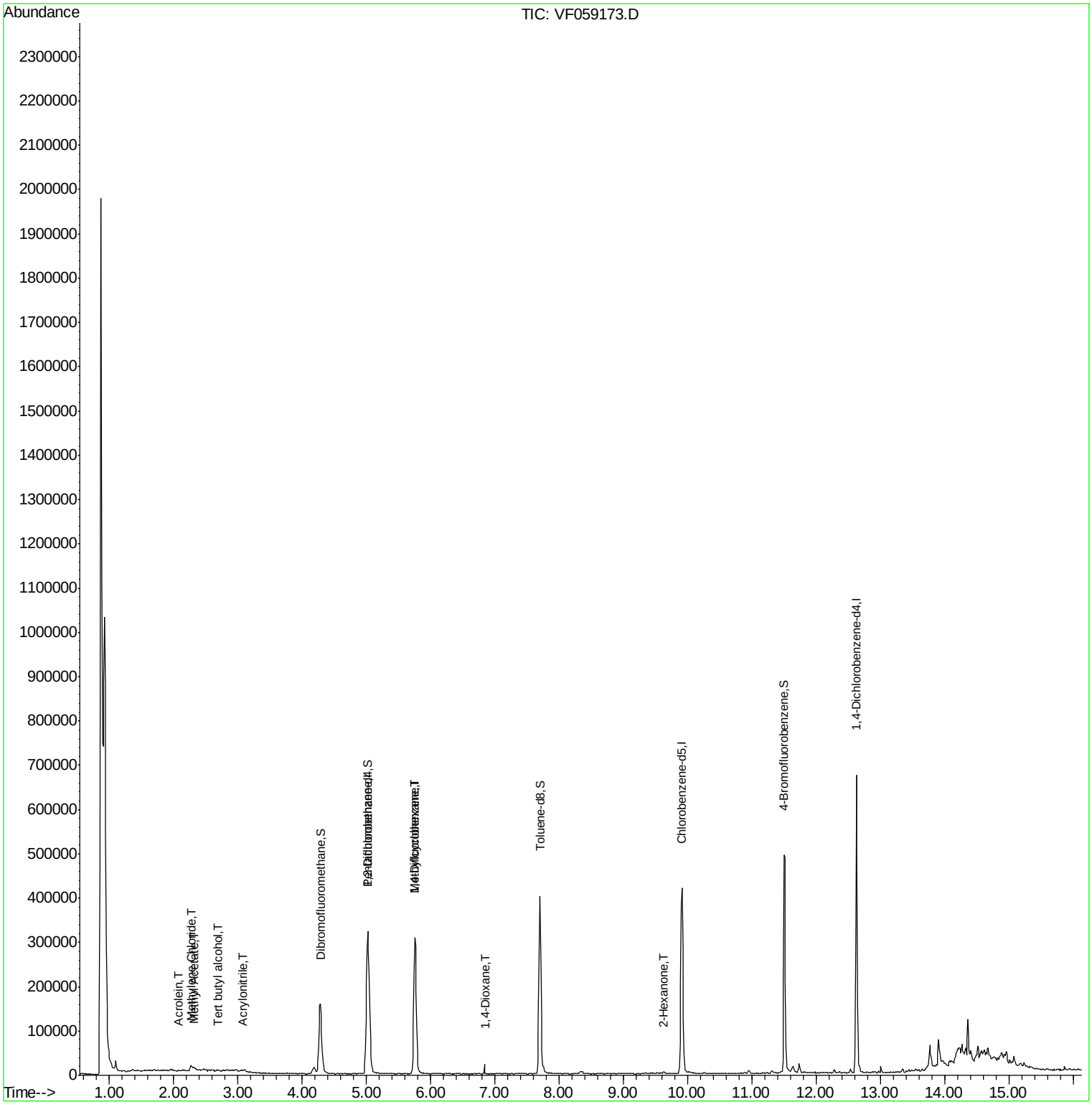
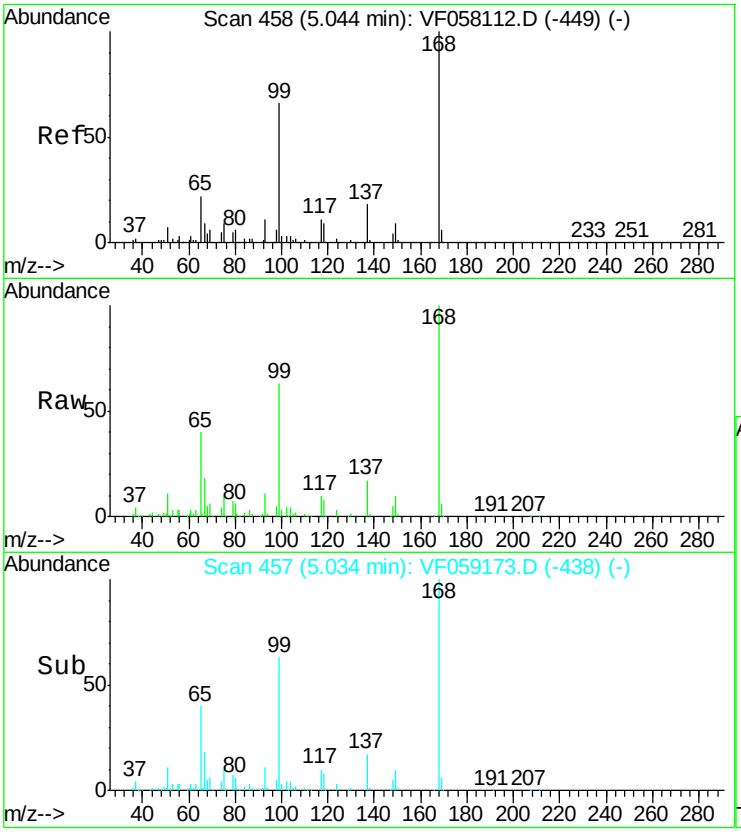
Response via : Initial Calibration



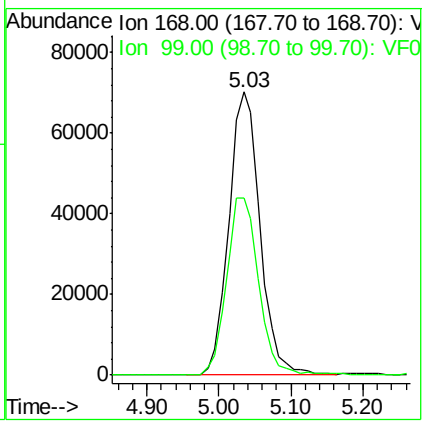


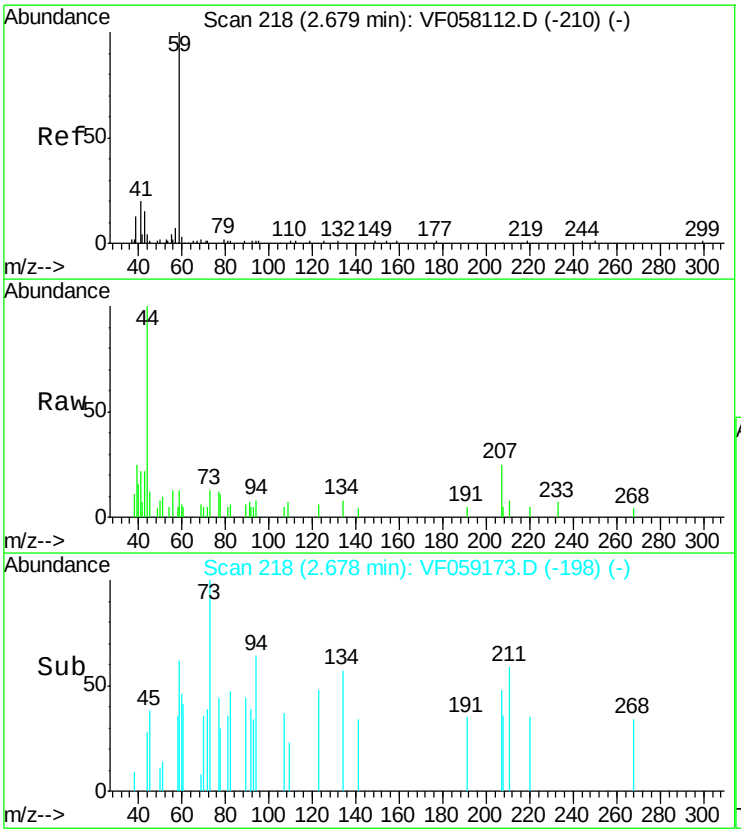
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Instrument :
MSVOA_F
ClientSampleId :
HD-01-061518

Tgt Ion:168 Resp: 211434

Ion	Ratio	Lower	Upper
168	100		
99	62.5	52.9	79.3

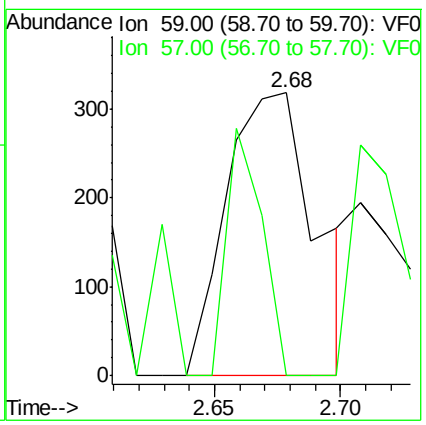


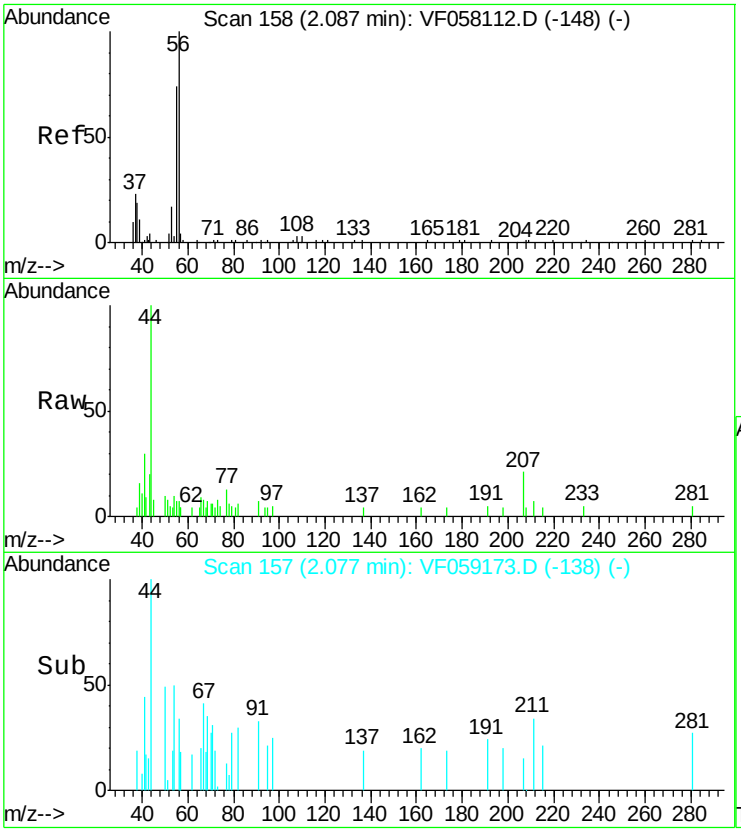


#11
Tert butyl alcohol
Concen: 4.778 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.00 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Tgt Ion: 59 Resp: 785

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



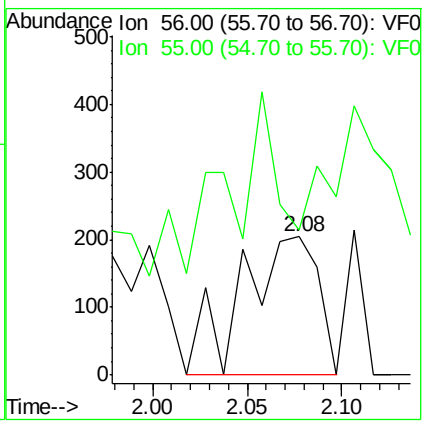


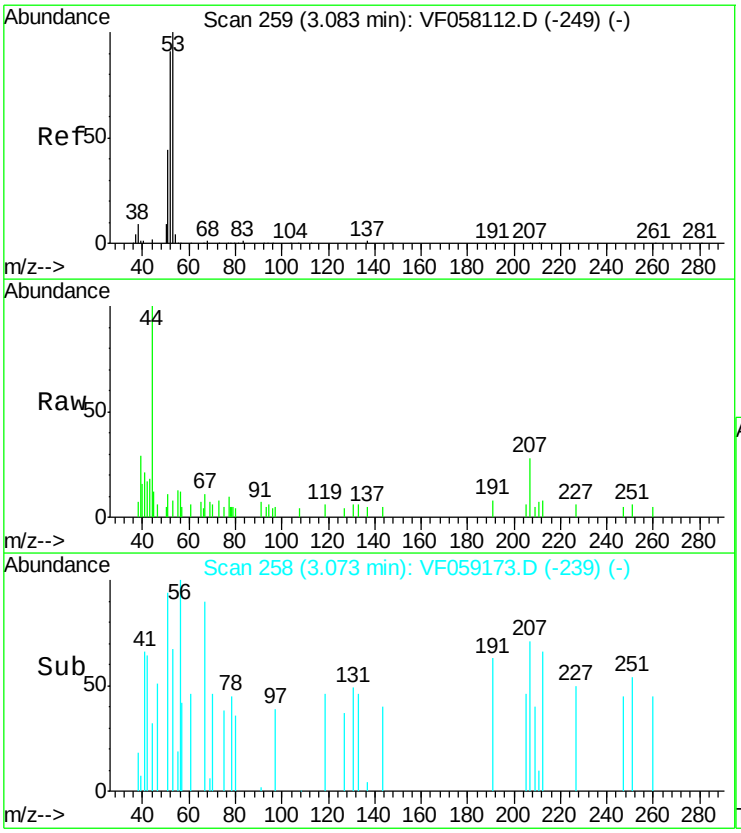
#13
Acrolein
Concen: 4.064 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Instrument : MSVOA_F
ClientSampleId : HD-01-061518

Tgt Ion: 56 Resp: 578

Ion	Ratio	Lower	Upper
56	100		
55	104.9	60.0	90.0#

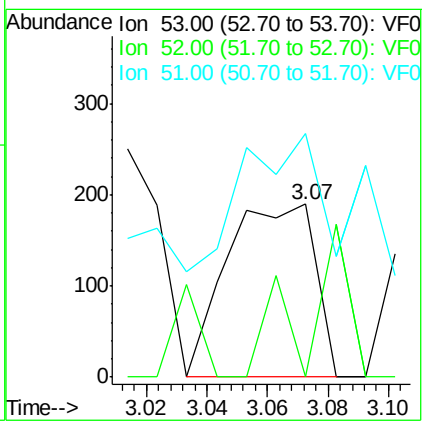


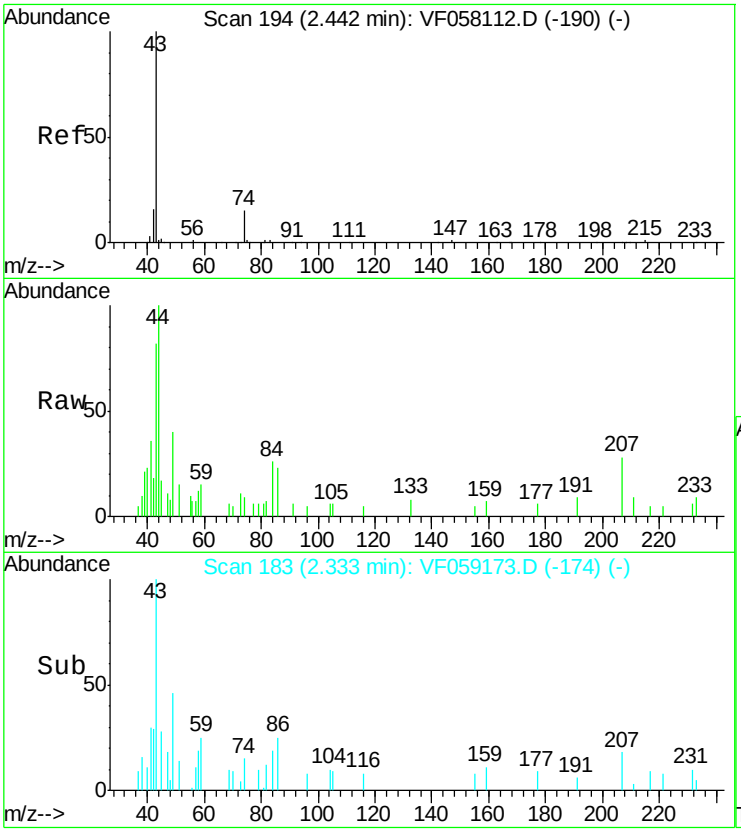


#15
Acrylonitrile
Concen: 1.183 ug/l
RT: 3.07 min Scan# 258
Delta R.T. -0.01 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Tgt Ion: 53 Resp: 386

Ion	Ratio	Lower	Upper
53	100		
52	0.0	73.2	109.8#
51	140.5	35.6	53.4#



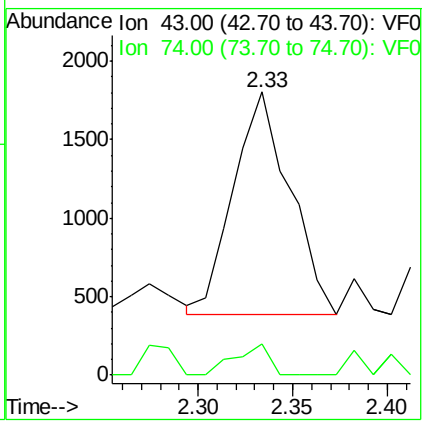


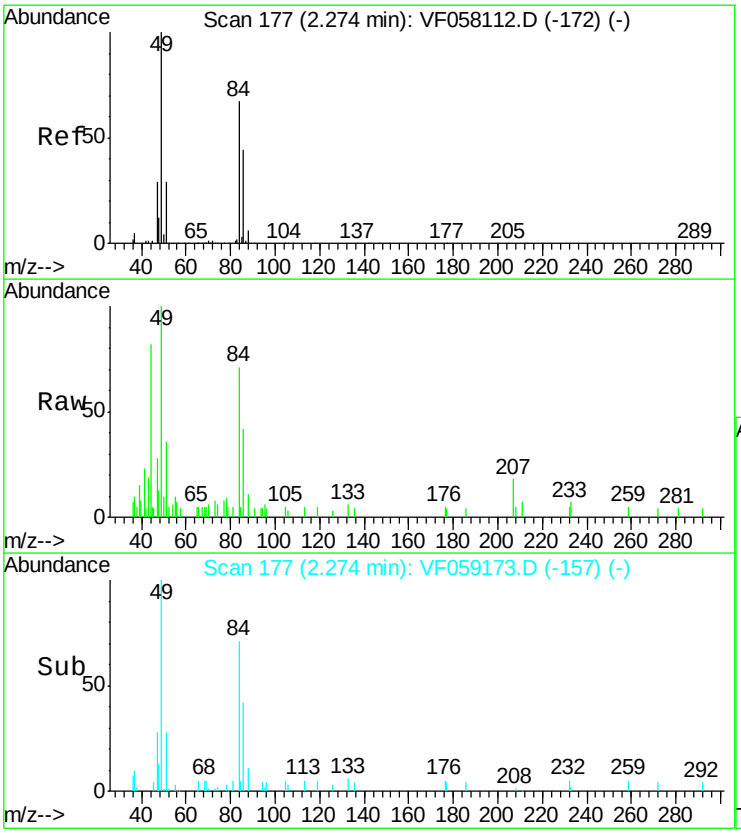
#18
Methyl Acetate
Concen: 2.777 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.11 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Instrument : MSVOA_F
ClientSampleId : HD-01-061518

Tgt Ion: 43 Resp: 2923

Ion	Ratio	Lower	Upper
43	100		
74	10.9	10.9	16.3

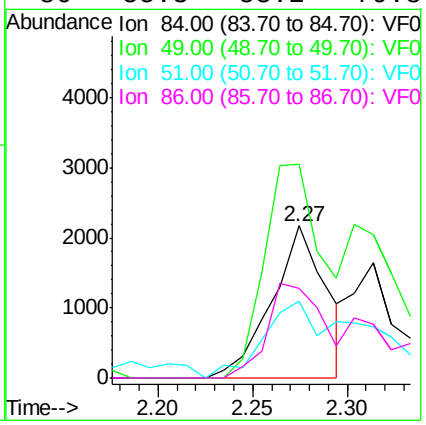


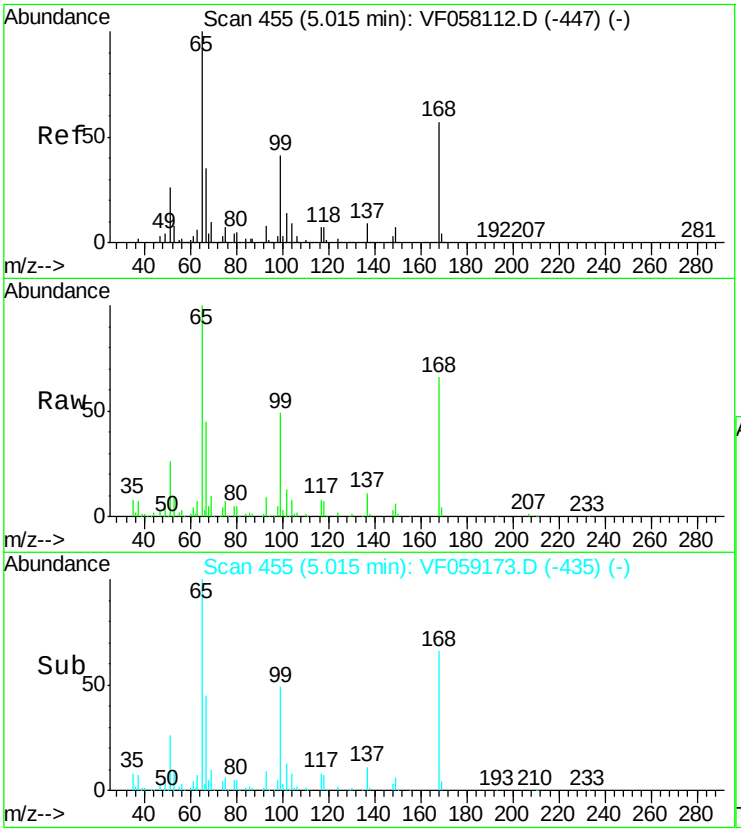


#20
Methylene Chloride
Concen: 2.957 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Tgt Ion: 84 Resp: 4335

Ion	Ratio	Lower	Upper
84	100		
49	131.8	121.0	181.4
51	47.1	35.8	53.6
86	55.3	53.2	79.8



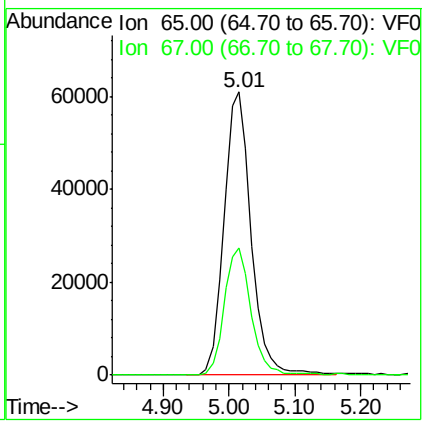


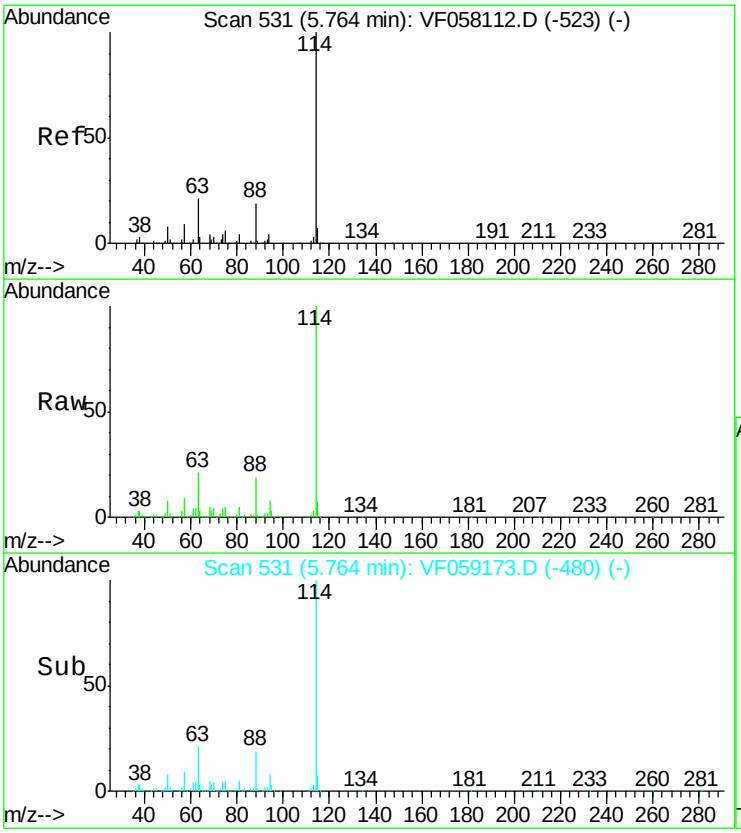
#33
1,2-Dichloroethane-d4
Concen: 68.379 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.00 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Instrument :
MSVOA_F
ClientSampleId :
HD-01-061518

Tgt Ion: 65 Resp: 175343

Ion	Ratio	Lower	Upper
65	100		
67	44.8	0.0	97.0

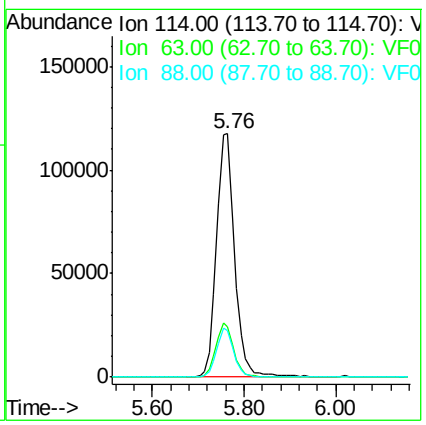


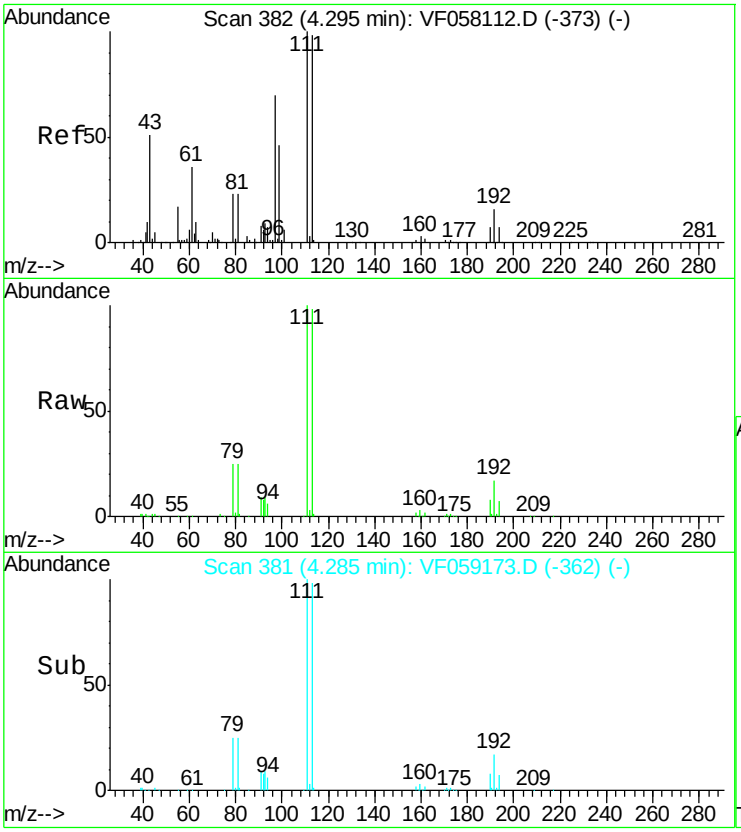


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.00 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Tgt Ion:114 Resp: 320614

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.6
88	19.2	0.0	38.8



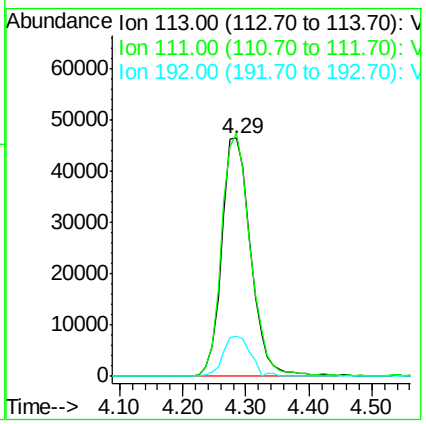


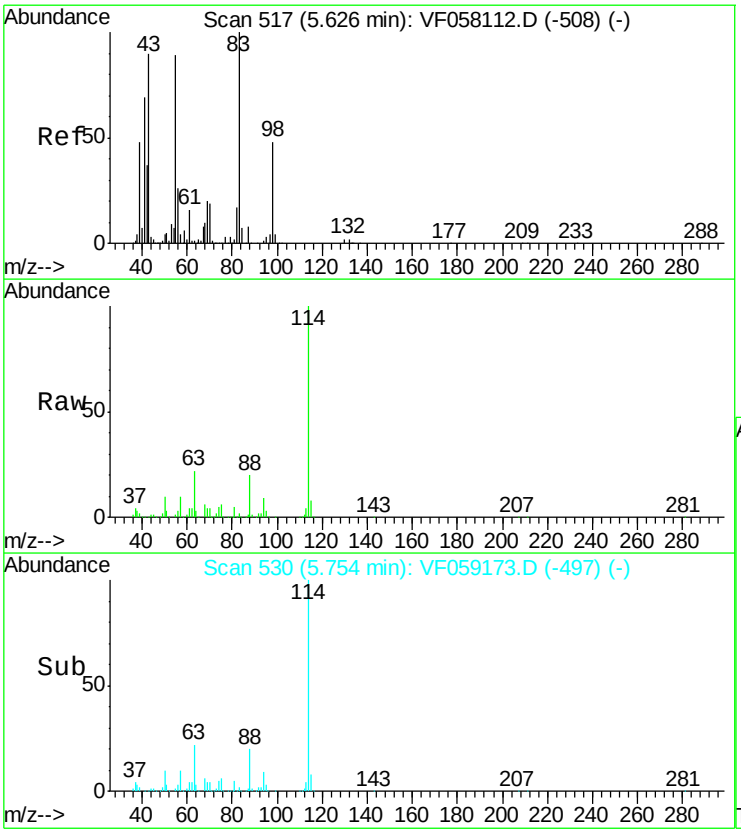
#35
Dibromofluoromethane
Concen: 65.949 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Instrument :
MSVOA_F
ClientSampleId :
HD-01-061518

Tgt Ion:113 Resp: 148363

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.3	121.9
192	17.1	12.7	19.1

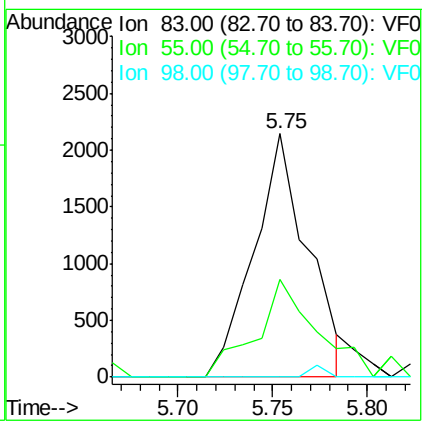


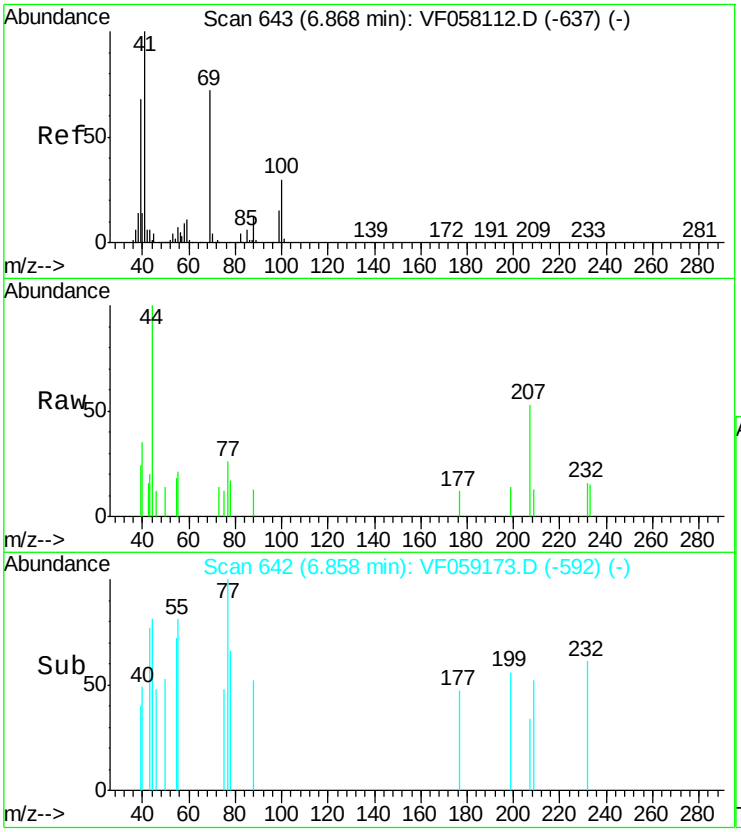


#39
Methylcyclohexane
Concen: 1.336 ug/l
RT: 5.75 min Scan# 530
Delta R.T. 0.13 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Tgt Ion: 83 Resp: 4233

Ion	Ratio	Lower	Upper
83	100		
55	40.3	71.0	106.4#
98	0.0	38.1	57.1#



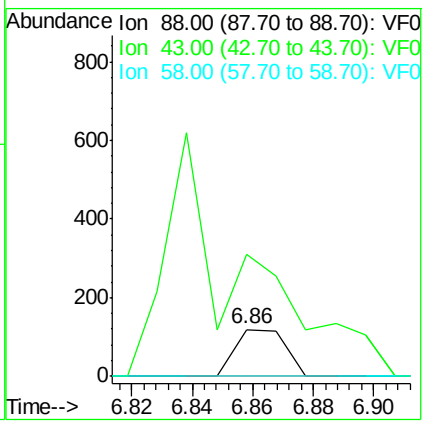


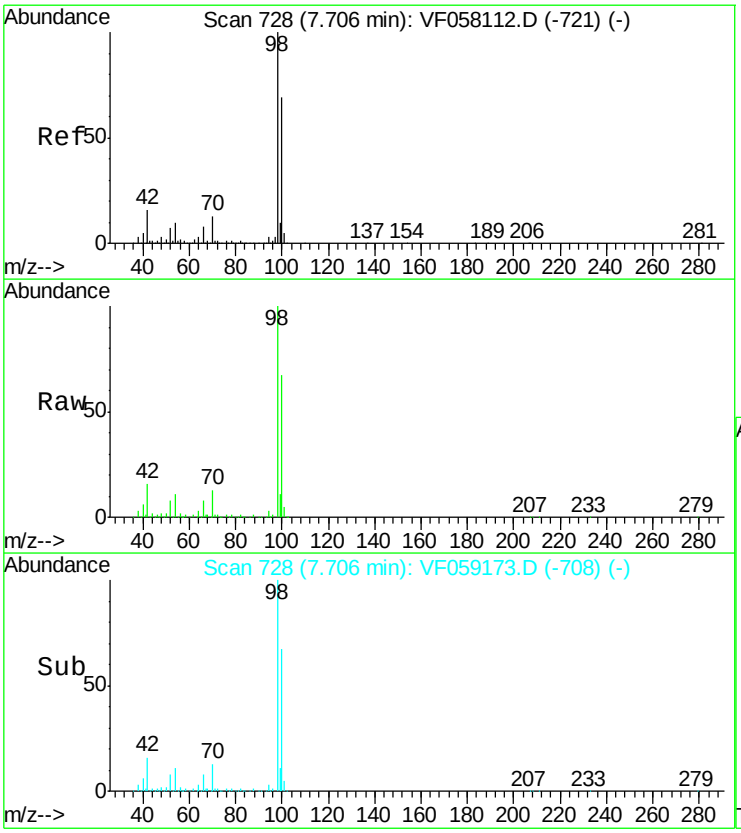
#49
1,4-Dioxane
Concen: 23.622 ug/l
RT: 6.86 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Instrument : MSVOA_F
ClientSampleId : HD-01-061518

Tgt Ion: 88 Resp: 137

Ion	Ratio	Lower	Upper
88	100		
43	262.7	47.8	71.8#
58	0.0	59.4	89.0#

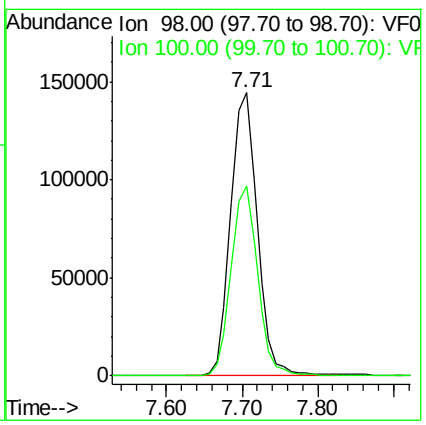


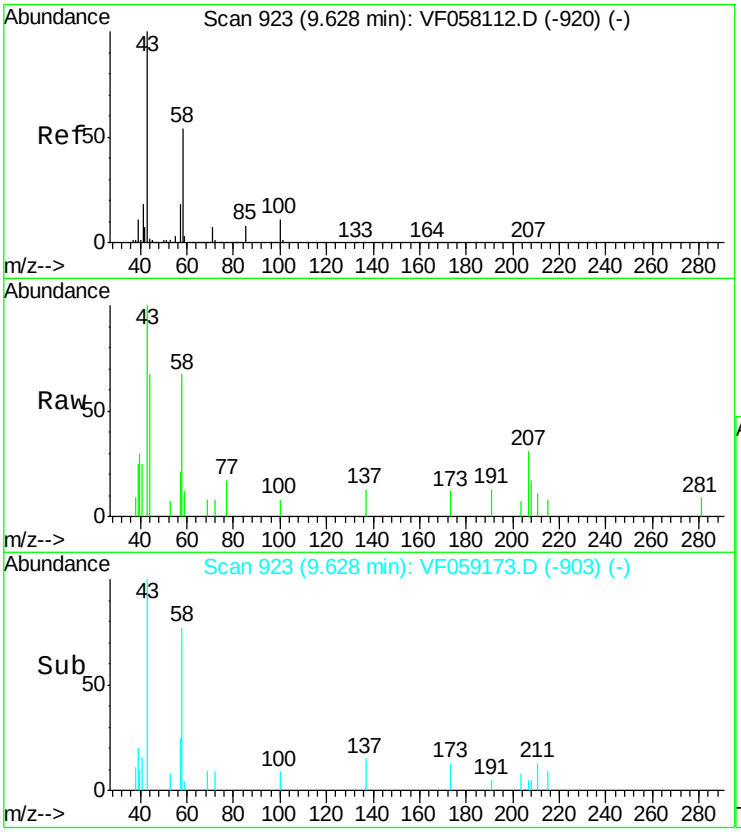


#50
Toluene-d8
Concen: 53.277 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Tgt Ion: 98 Resp: 352112

Ion	Ratio	Lower	Upper
98	100		
100	67.1	55.6	83.4



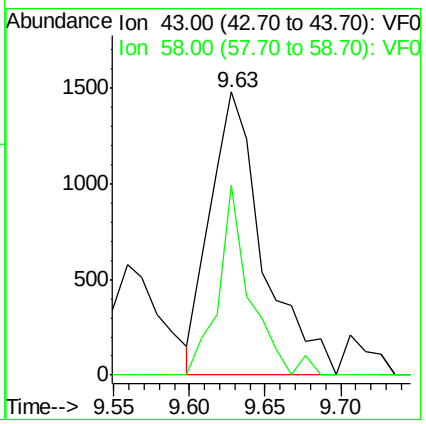


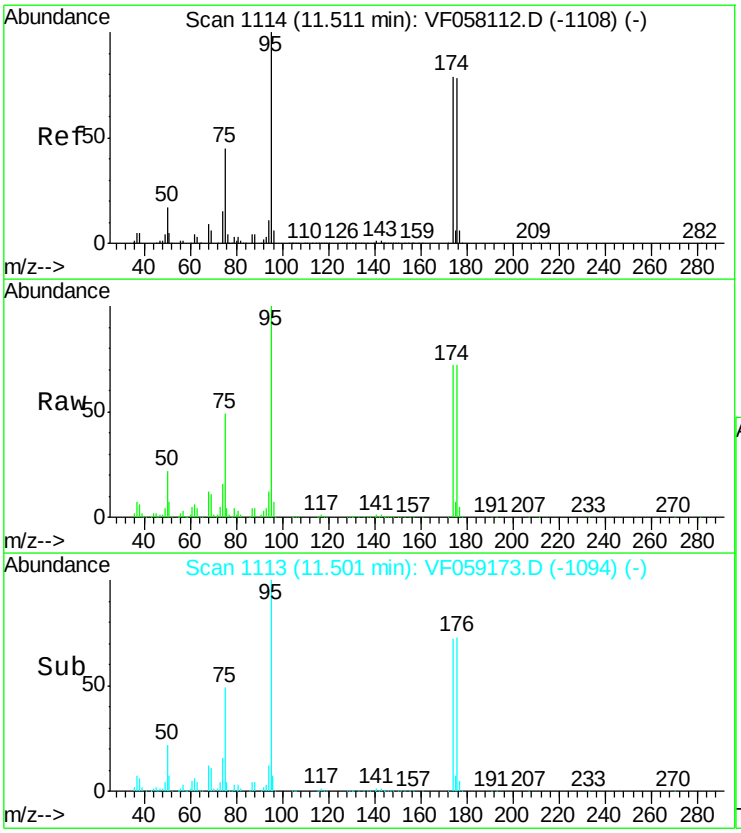
#59
2-Hexanone
Concen: 2.578 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Instrument : MSVOA_F
ClientSampleId : HD-01-061518

Tgt Ion: 43 Resp: 3594

Ion	Ratio	Lower	Upper
43	100		
58	67.0	26.3	78.8

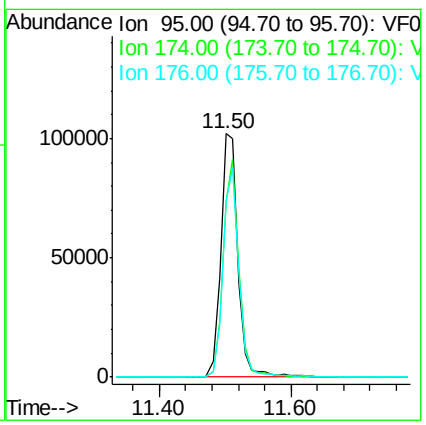


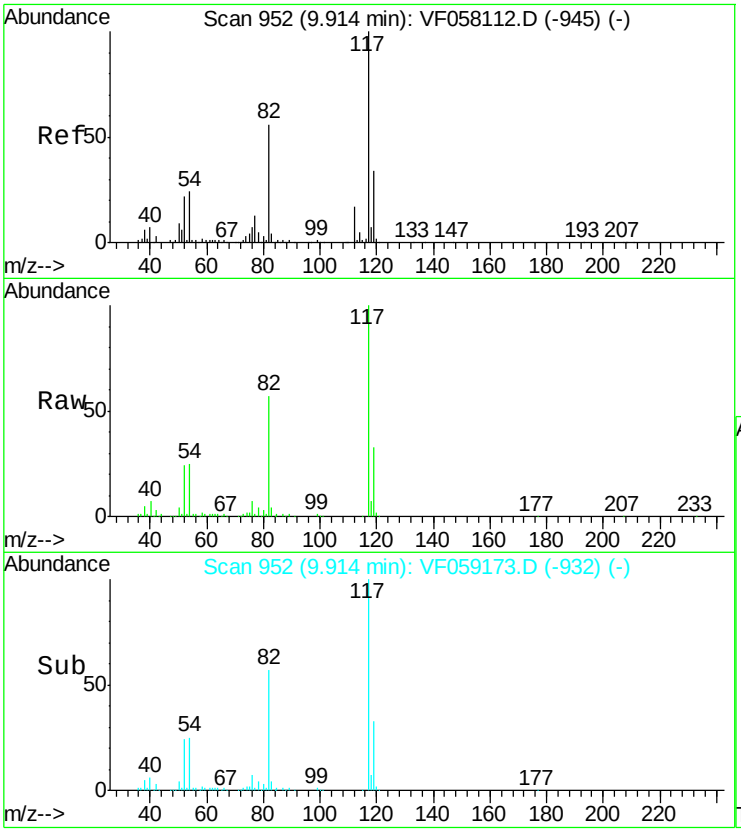


#62
4-Bromofluorobenzene
Concen: 54.543 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Tgt Ion: 95 Resp: 184889

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	157.8
176	72.5	0.0	155.8



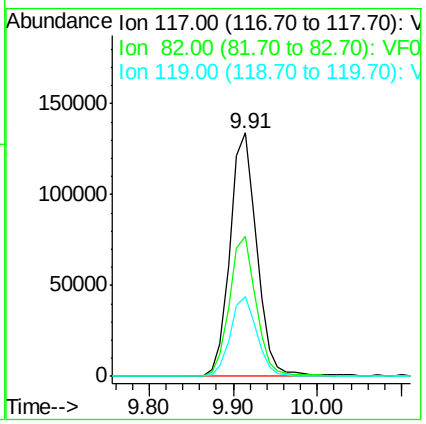


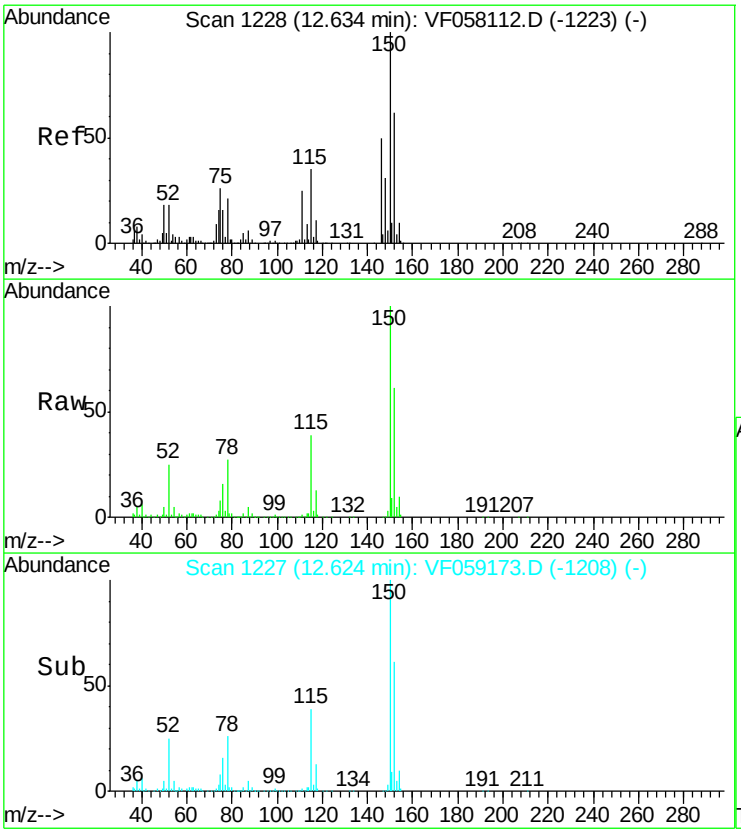
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Instrument : MSVOA_F
ClientSampleId : HD-01-061518

Tgt Ion:117 Resp: 297429

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.2	67.8
119	33.0	27.5	41.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059173.D
Acq: 18 Jun 2018 14:06

Tgt Ion:152 Resp: 166001

Ion	Ratio	Lower	Upper
152	100		
115	63.6	28.5	85.5
150	162.8	0.0	323.8