Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052819\
Data File : VF062758.D
Acq On : 28 May 2019 14:00
Operator : FY/SY
Sample : K3052-04RE
Misc : 5.07g/5mL/MSVOA_F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-007-BRE

Quant Time: May 29 01:45:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	689298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1249965	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	713851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	184417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	243275	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.88%			
35) Dibromofluoromethane	4.33	113	159851	16.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 33.42%			
50) Toluene-d8	7.73	98	821255	35.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.92%			
62) 4-Bromofluorobenzene	11.50	95	221383	25.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 51.12%			
Target Compounds						Qvalue
8) Diethyl Ether	1.72	74	3753	1.775	ug/l	78
11) Tert butyl alcohol	2.73	59	3675	11.428	ug/l #	21
13) Acrolein	2.15	56	1076	3.205	ug/l	93
15) Acrylonitrile	3.11	53	1466	1.616	ug/l #	36
16) Acetone	2.36	43	71452	56.543	ug/l #	82
18) Methyl Acetate	2.50	43	11022	5.550	ug/l #	78
20) Methylene Chloride	2.35	84	49795	7.861	ug/l #	87
29) Tetrahydrofuran	4.30	42	2362	2.162	ug/l #	5
49) 1,4-Dioxane	6.88	88	188	4.145	ug/l #	1
56) Ethyl methacrylate	8.78	69	19351	2.998	ug/l #	71
59) 2-Hexanone	9.64	43	5547	Below Cal		87
74) N-amyl acetate	11.45	43	2094	Below Cal	#	60
80) 1,3,5-Trimethylbenzene	11.91	105	59443	5.609	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.94	75	1735	2.199	ug/l #	26
86) p-Isopropyltoluene	12.50	119	29677	2.440	ug/l	97
89) n-Butylbenzene	12.89	91	14217	1.186	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.66	75	695	2.157	ug/l #	10
95) Naphthalene	14.50	128	11594	1.683	ug/l #	56

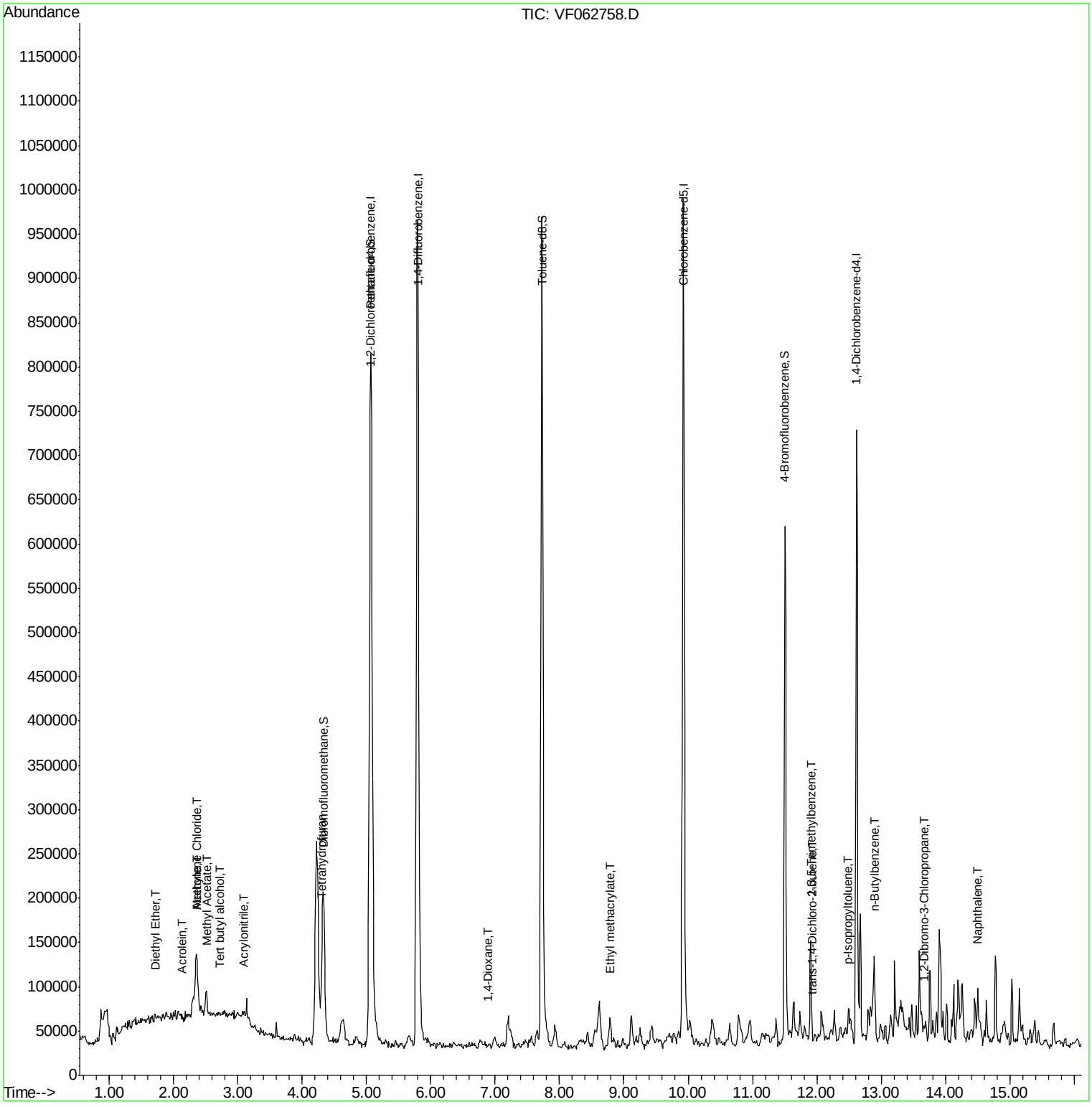
(#) = qualifier out of range (m) = manual integration (+) = signals summed

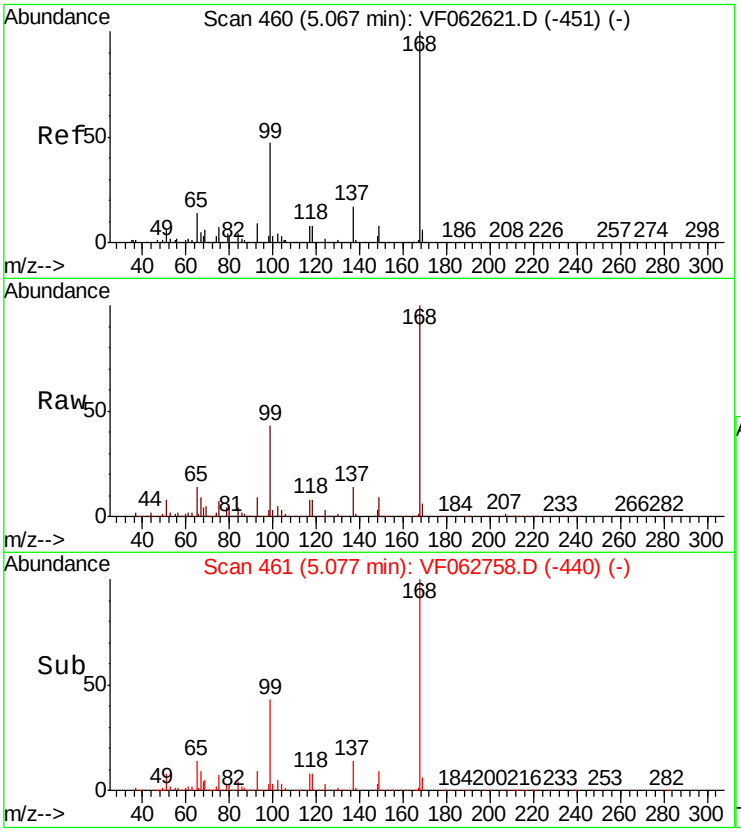
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052819\
Data File : VF062758.D
Acq On : 28 May 2019 14:00
Operator : FY/SY
Sample : K3052-04RE
Misc : 5.07g/5mL/MSVOA_F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-007-BRE

Quant Time: May 29 01:45:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration



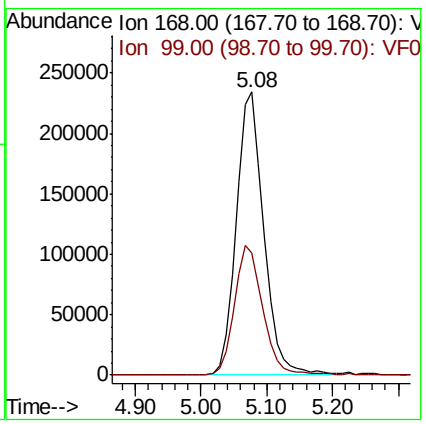


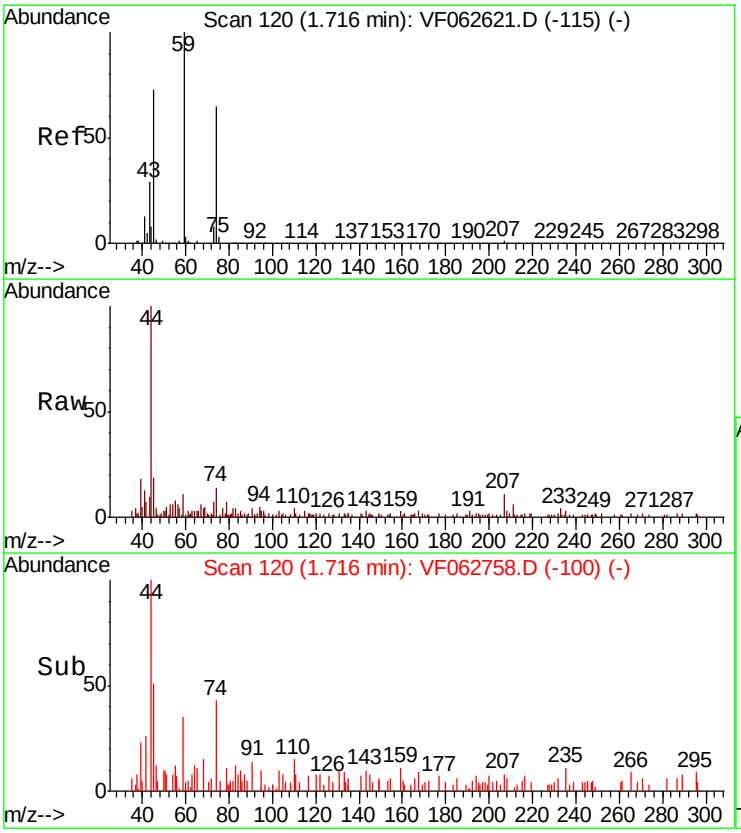
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-BRE

Tgt Ion:168 Resp: 689298

Ion	Ratio	Lower	Upper
168	100		
99	43.0	37.8	56.8

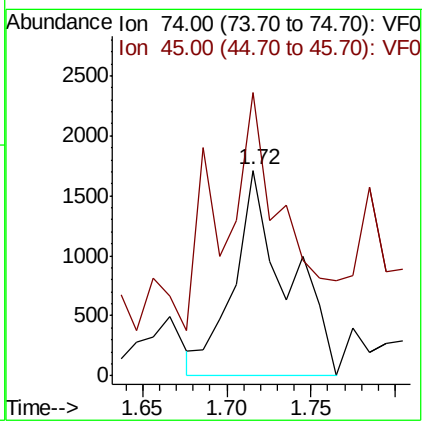


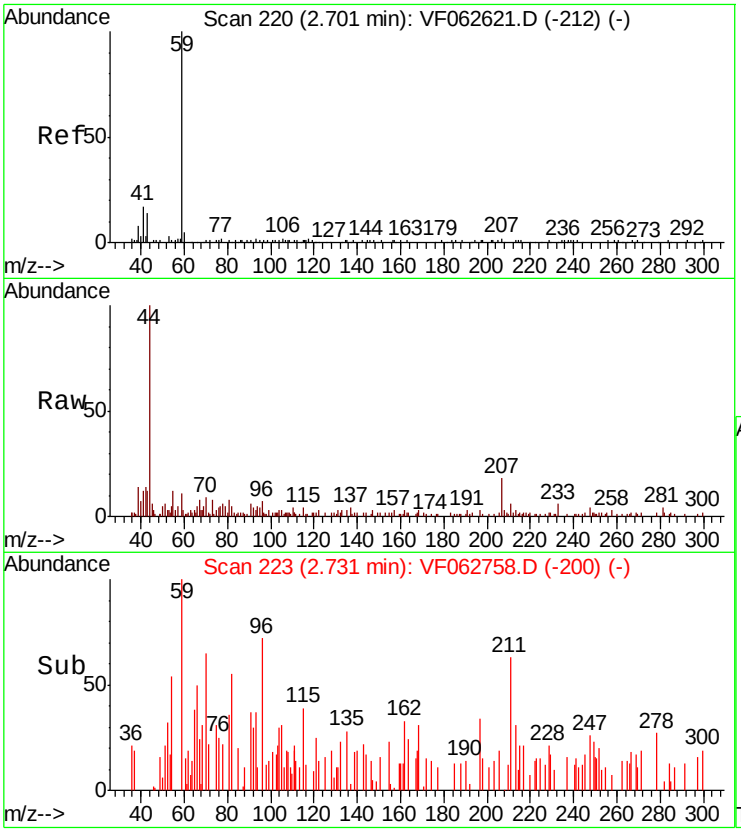


#8
Diethyl Ether
Concen: 1.775 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 74 Resp: 3753

Ion	Ratio	Lower	Upper
74	100		
45	137.7	57.0	170.8



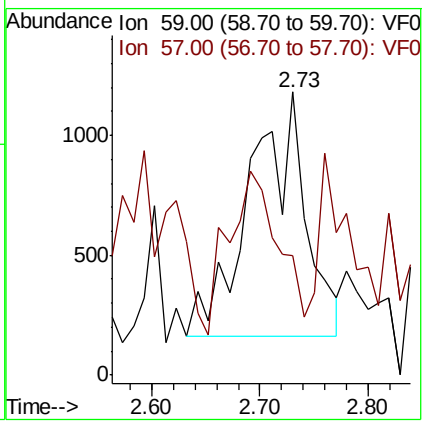


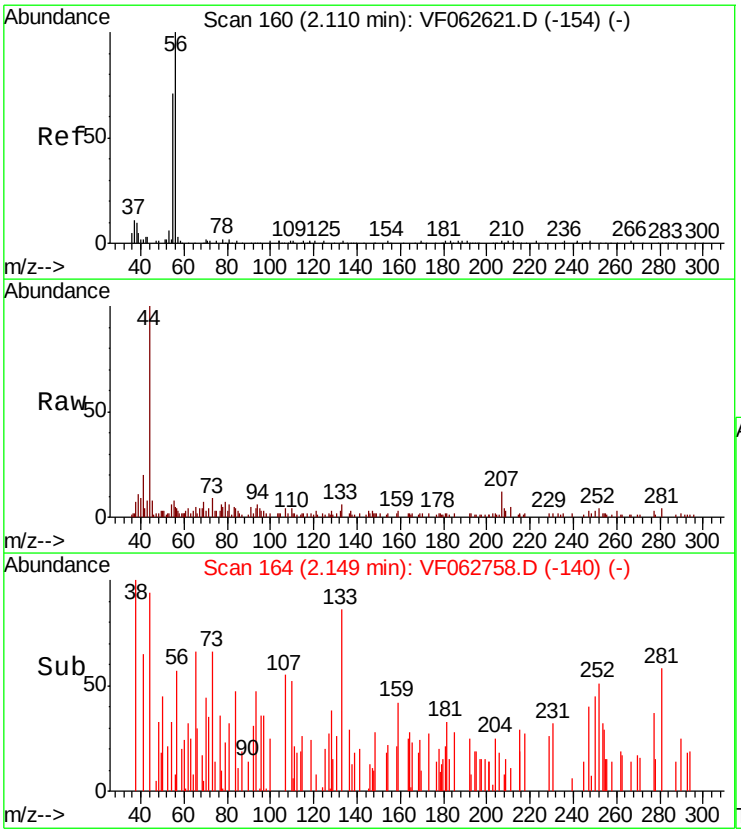
#11
Tert butyl alcohol
Concen: 11.428 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.03 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-BRE

Tgt Ion: 59 Resp: 3675

Ion	Ratio	Lower	Upper
59	100		
57	42.0	9.3	13.9#

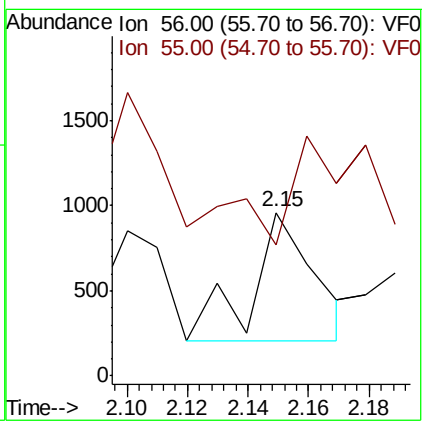


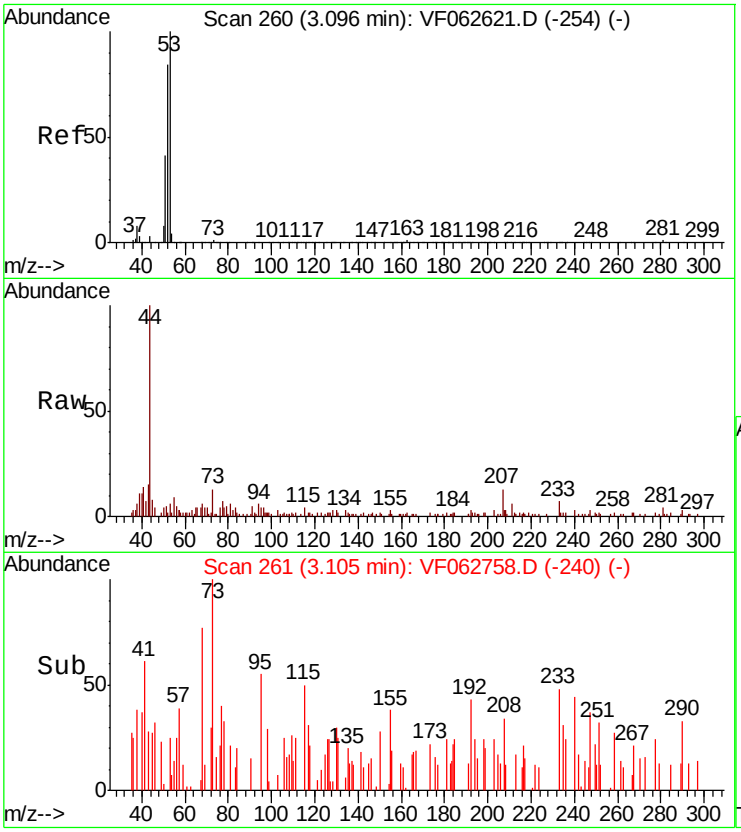


#13
Acrolein
Concen: 3.205 ug/l
RT: 2.15 min Scan# 164
Delta R.T. 0.04 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 56 Resp: 1076

Ion	Ratio	Lower	Upper
56	100		
55	80.3	59.4	89.0



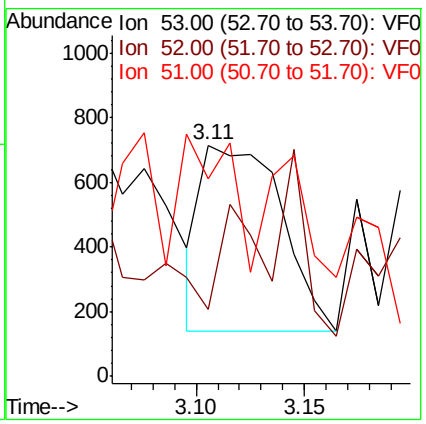


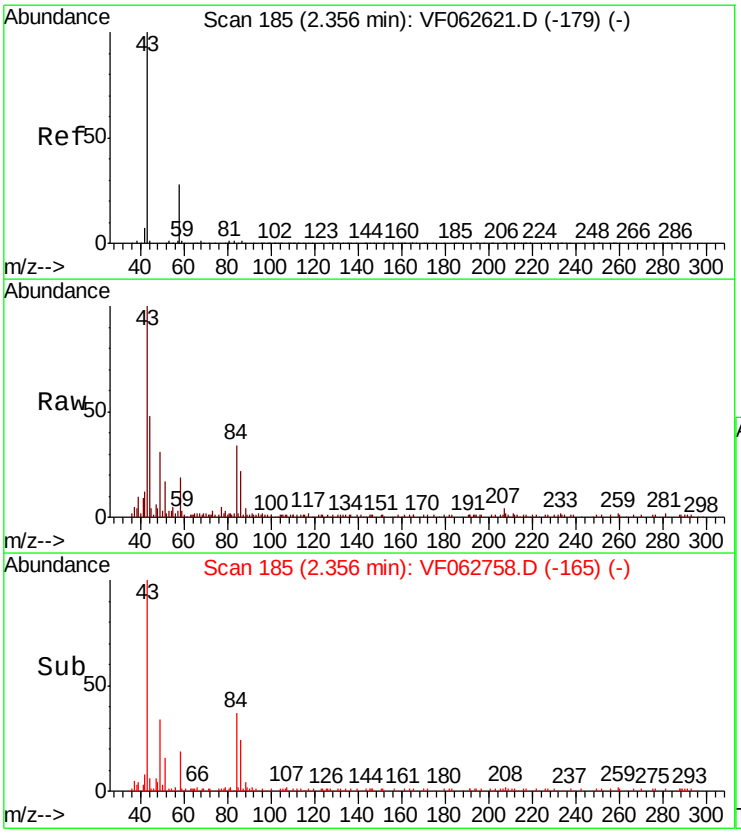
#15
Acrylonitrile
Concen: 1.616 ug/l
RT: 3.11 min Scan# 261
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-007-BRE

Tgt Ion: 53 Resp: 1466

Ion	Ratio	Lower	Upper
53	100		
52	28.9	67.3	100.9#
51	85.6	33.0	49.6#

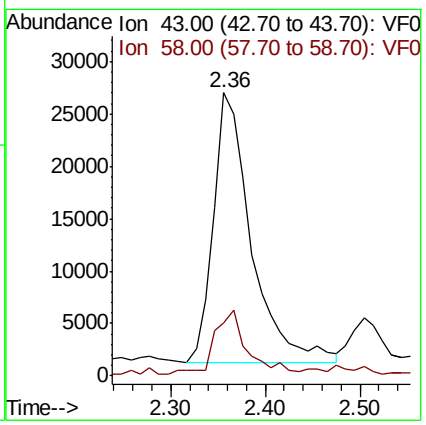


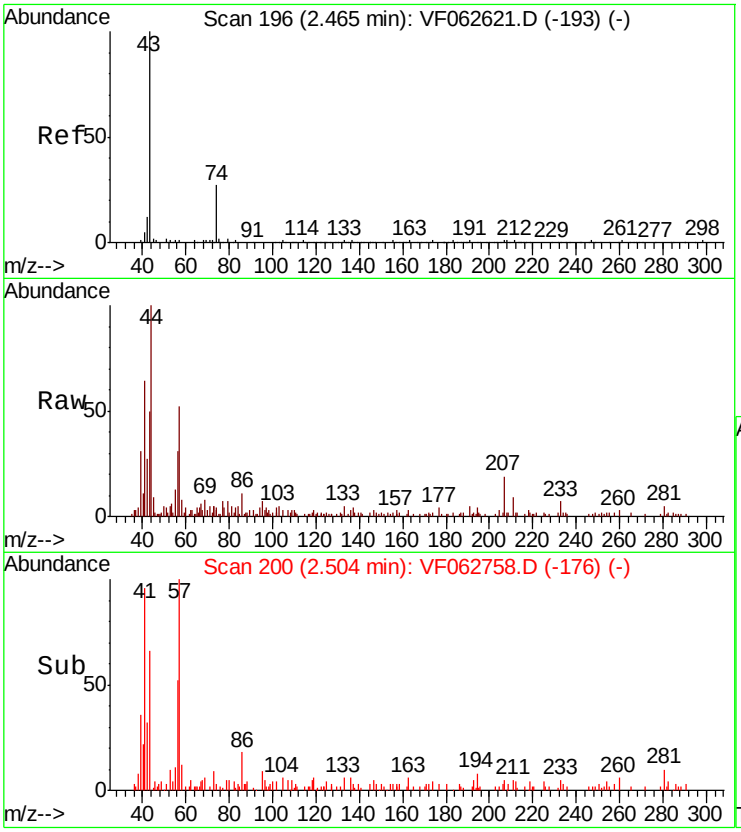


#16
Acetone
Concen: 56.543 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.00 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 43 Resp: 71452

Ion	Ratio	Lower	Upper
43	100		
58	18.9	22.6	33.8#



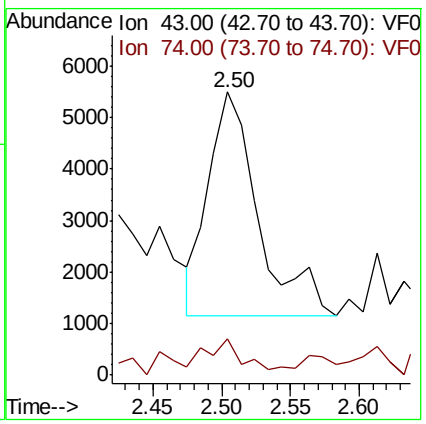


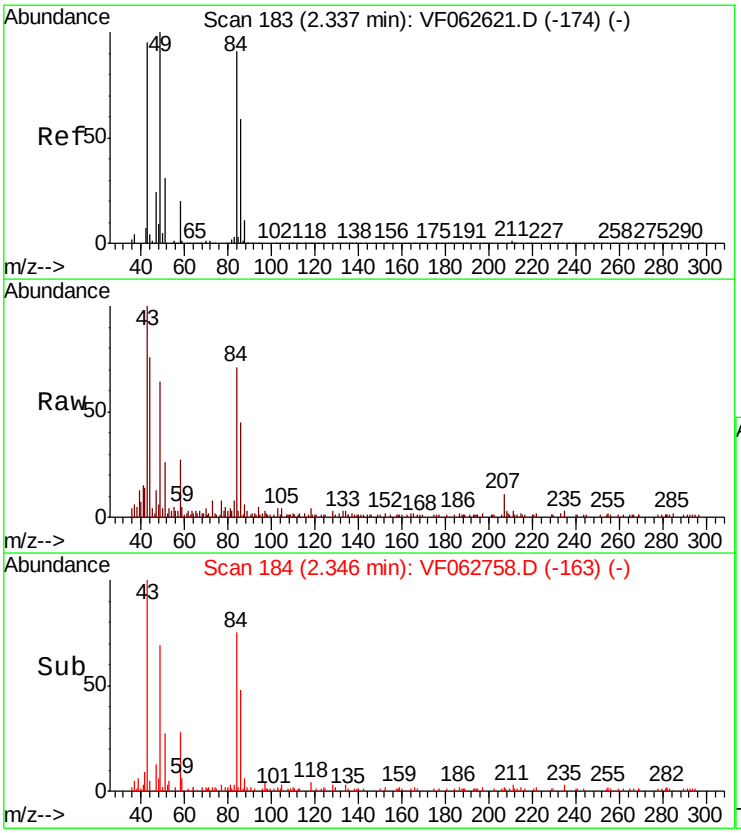
#18
Methyl Acetate
Concen: 5.550 ug/l
RT: 2.50 min Scan# 200
Delta R.T. 0.04 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-007-BRE

Tgt Ion: 43 Resp: 11022

Ion	Ratio	Lower	Upper
43	100		
74	12.8	18.9	28.3#

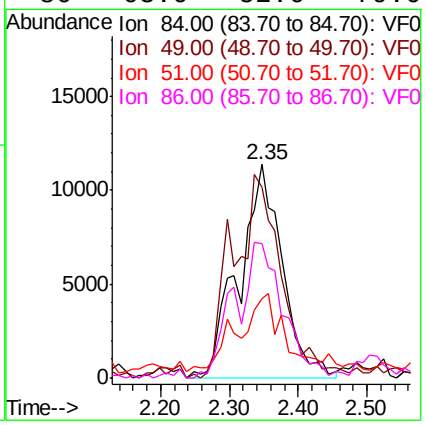


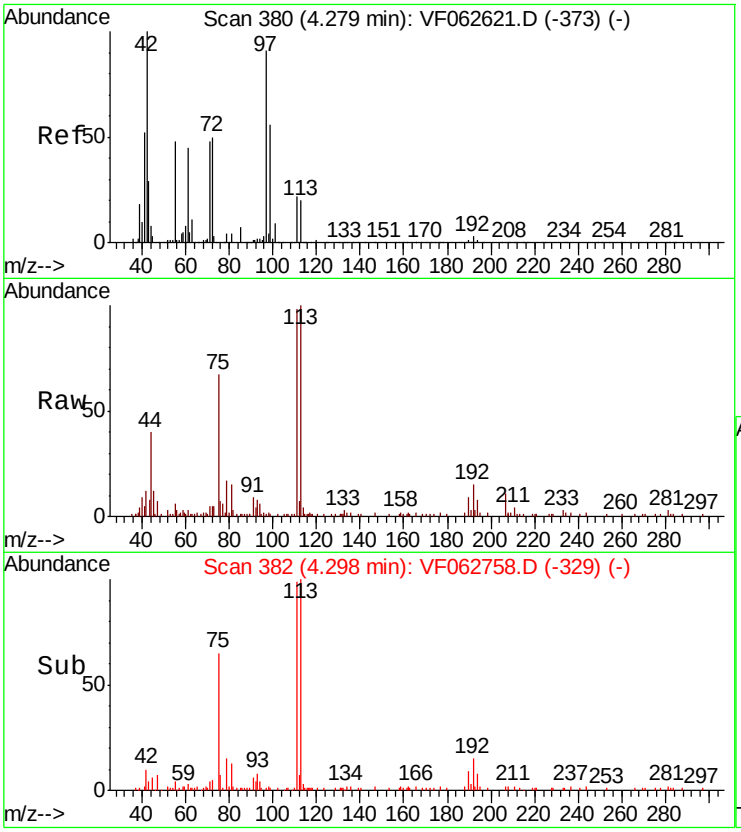


#20
Methylene Chloride
Concen: 7.861 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 84 Resp: 49795

Ion	Ratio	Lower	Upper
84	100		
49	89.6	89.8	134.8#
51	37.0	28.4	42.6
86	63.0	52.6	79.0



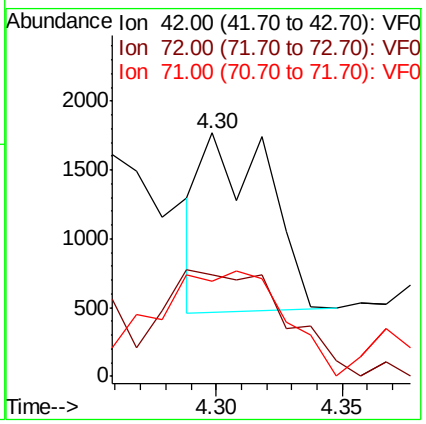


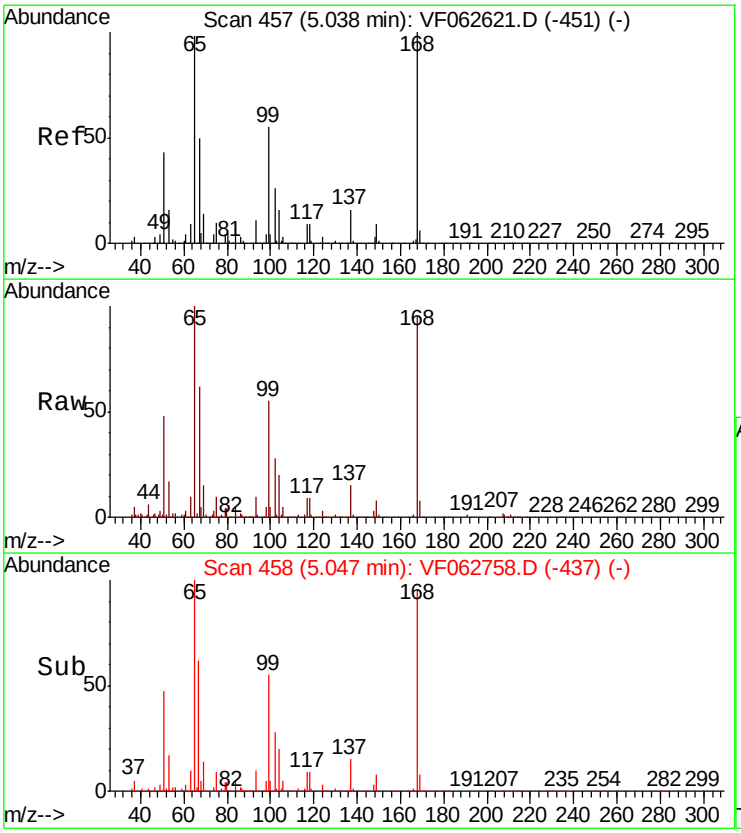
#29
Tetrahydrofuran
Concen: 2.162 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.02 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-007-BRE

Tgt Ion: 42 Resp: 2362

Ion	Ratio	Lower	Upper
42	100		
72	106.7	38.2	57.2#
71	111.6	35.8	53.6#

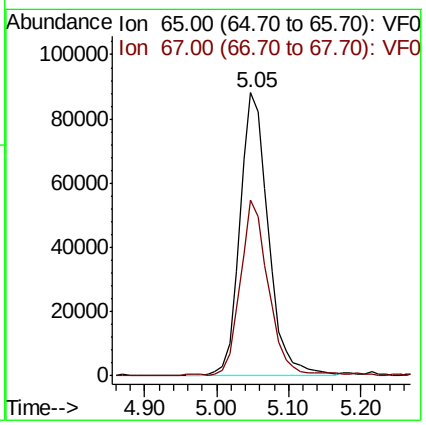


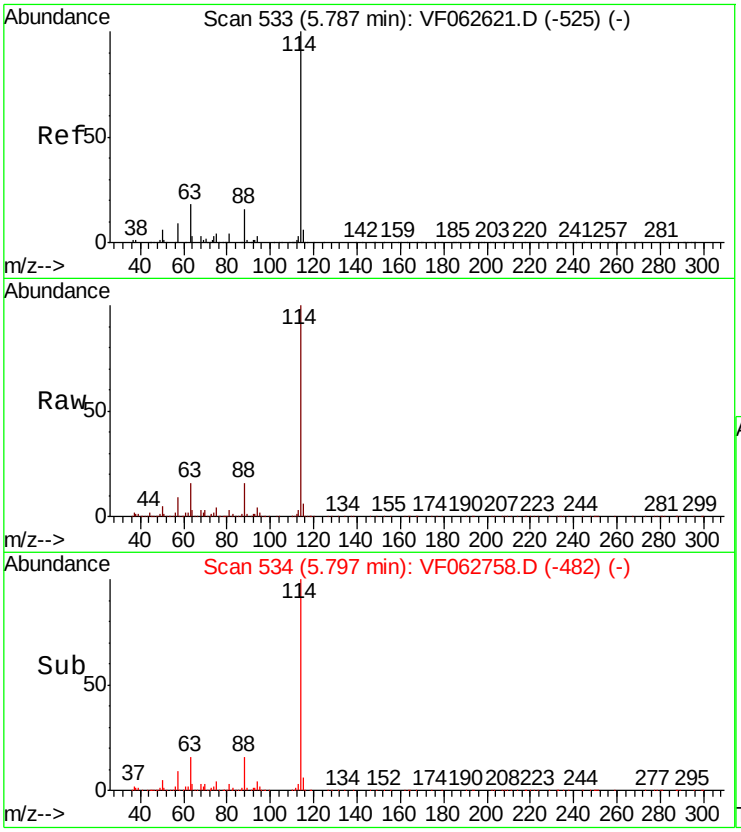


#33
1,2-Dichloroethane-d4
Concen: 49.944 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 65 Resp: 243275

Ion	Ratio	Lower	Upper
65	100		
67	62.0	0.0	117.6



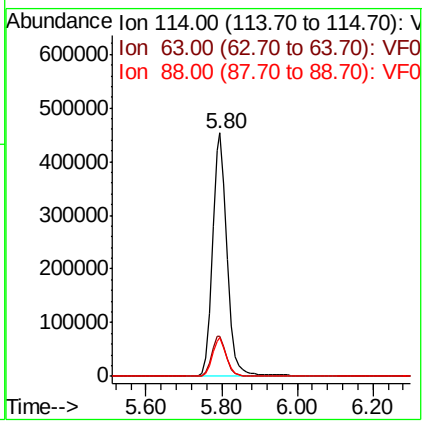


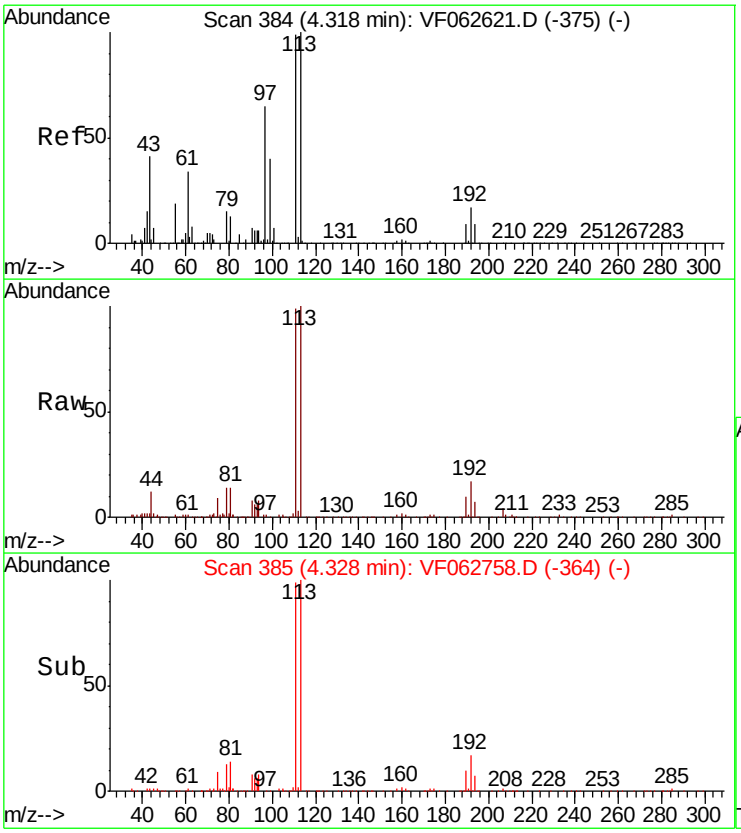
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-BRE

Tgt Ion:114 Resp: 1249965

Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	35.4
88	15.9	0.0	32.4

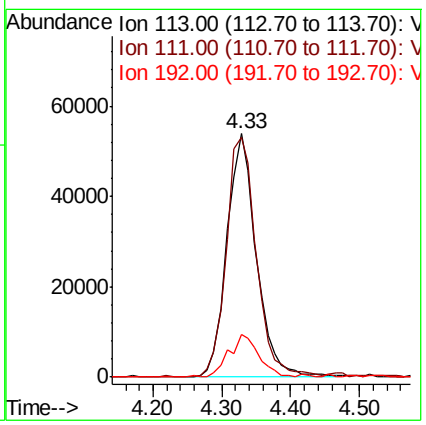


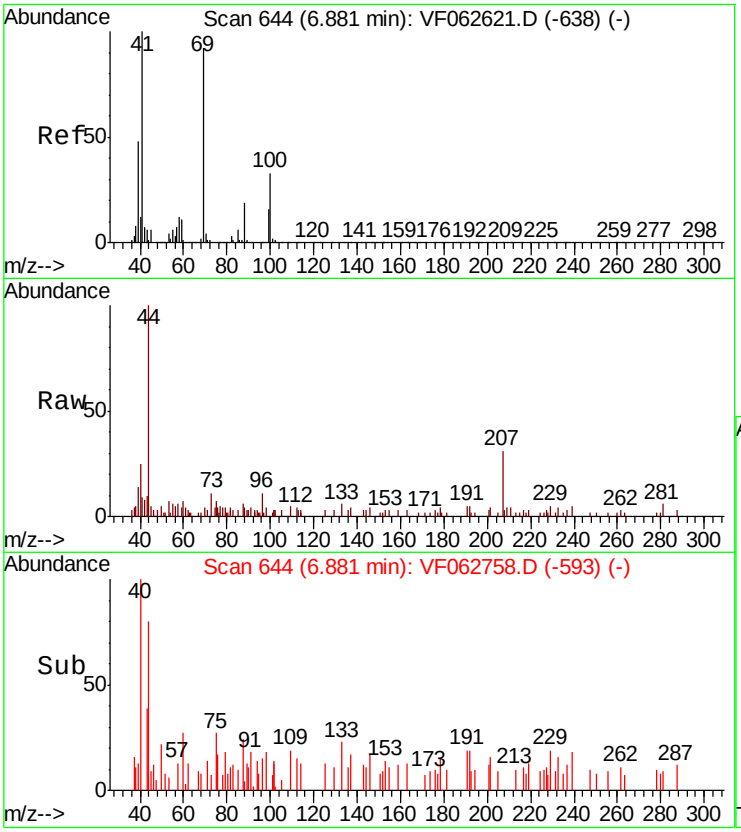


#35
Dibromofluoromethane
Concen: 16.712 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion:113 Resp: 159851

Ion	Ratio	Lower	Upper
113	100		
111	98.6	79.4	119.2
192	17.5	13.4	20.2



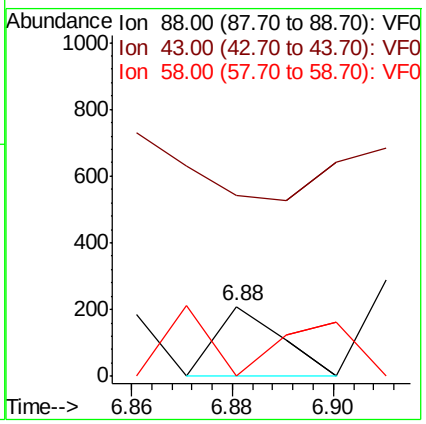


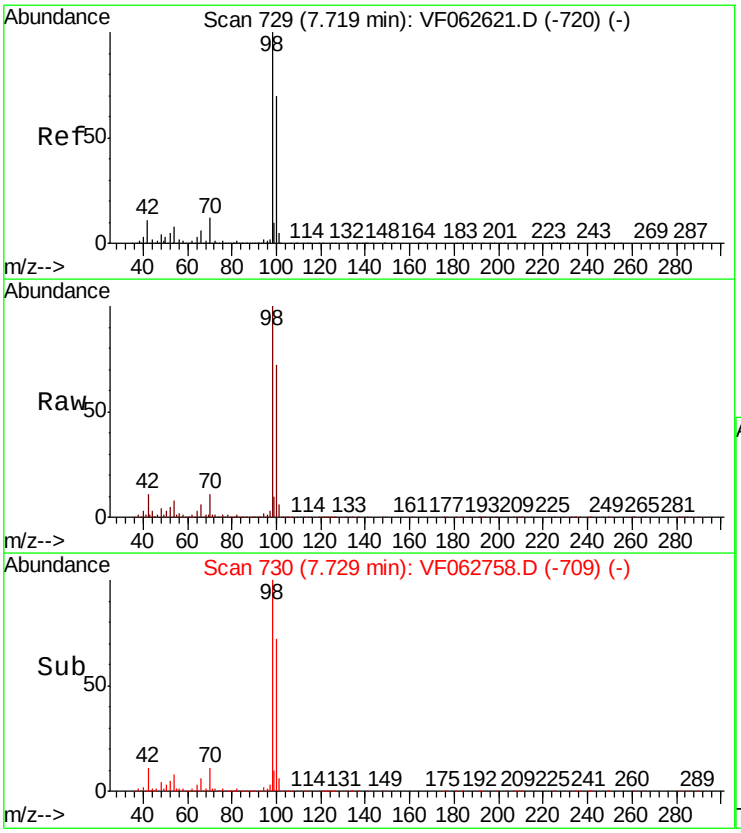
#49
1,4-Dioxane
Concen: 4.145 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.00 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-BRE

Tgt Ion: 88 Resp: 188

Ion	Ratio	Lower	Upper
88	100		
43	258.9	30.0	45.0#
58	0.0	51.1	76.7#

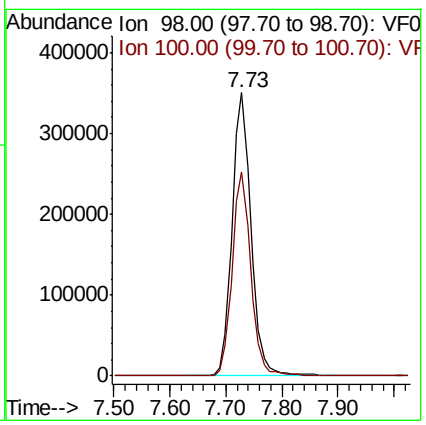


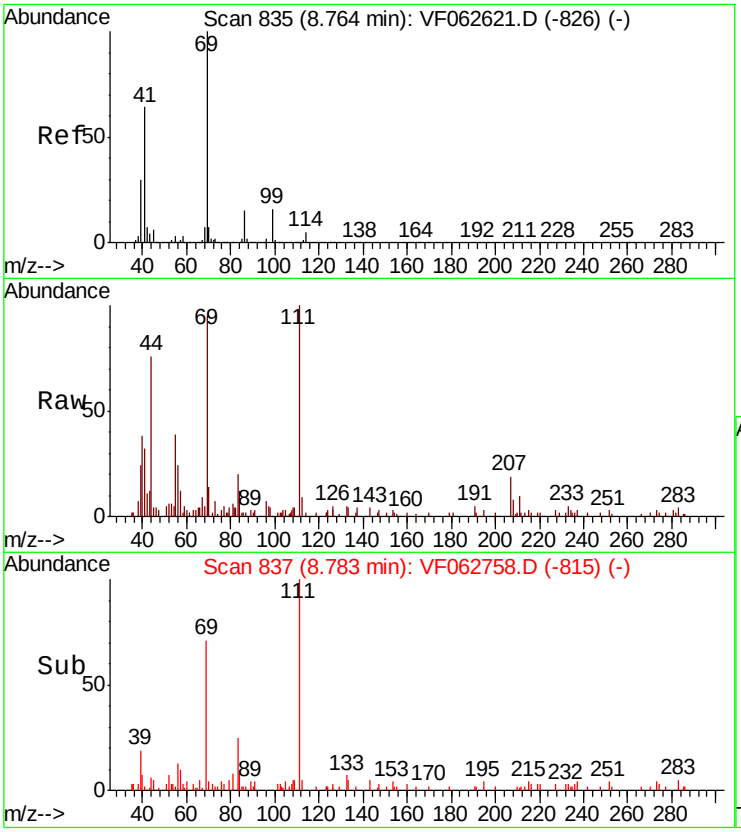


#50
Toluene-d8
Concen: 35.962 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 98 Resp: 821255

Ion	Ratio	Lower	Upper
98	100		
100	72.1	56.2	84.2



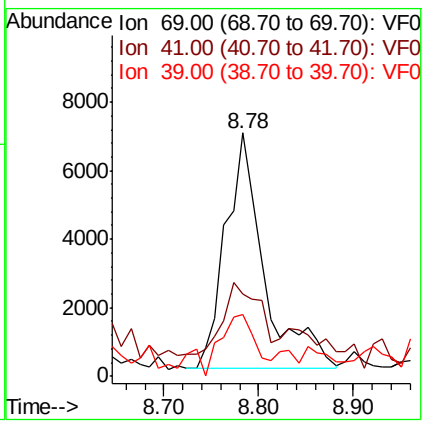


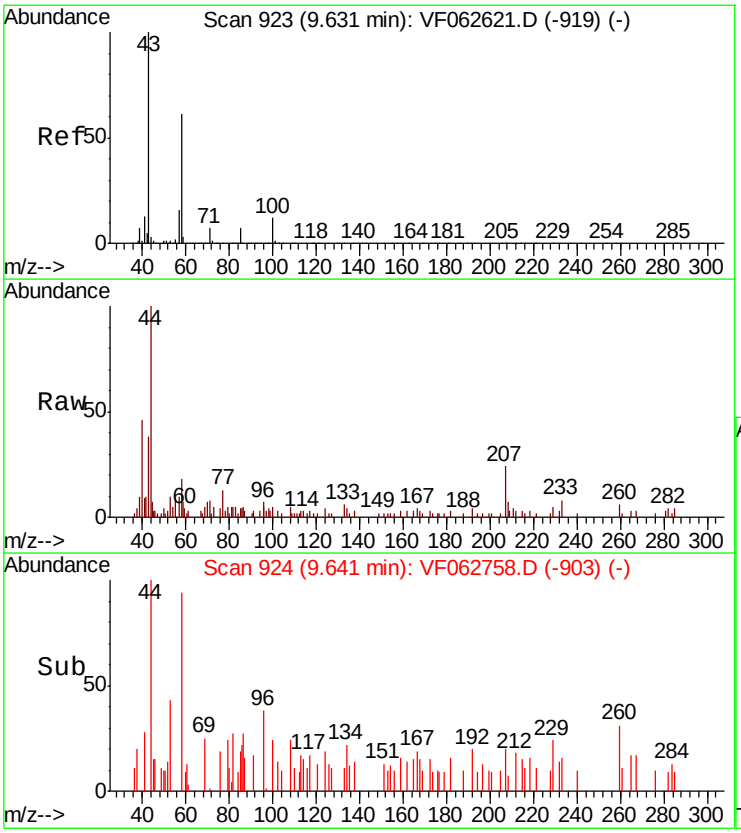
#56
Ethyl methacrylate
Concen: 2.998 ug/l
RT: 8.78 min Scan# 837
Delta R.T. 0.02 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-007-BRE

Tgt Ion: 69 Resp: 19351

Ion	Ratio	Lower	Upper
69	100		
41	34.0	51.4	77.2#
39	25.6	23.6	35.4

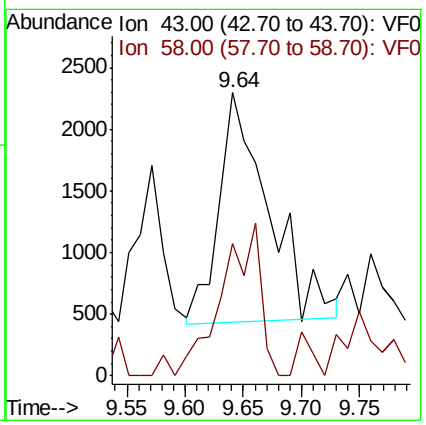


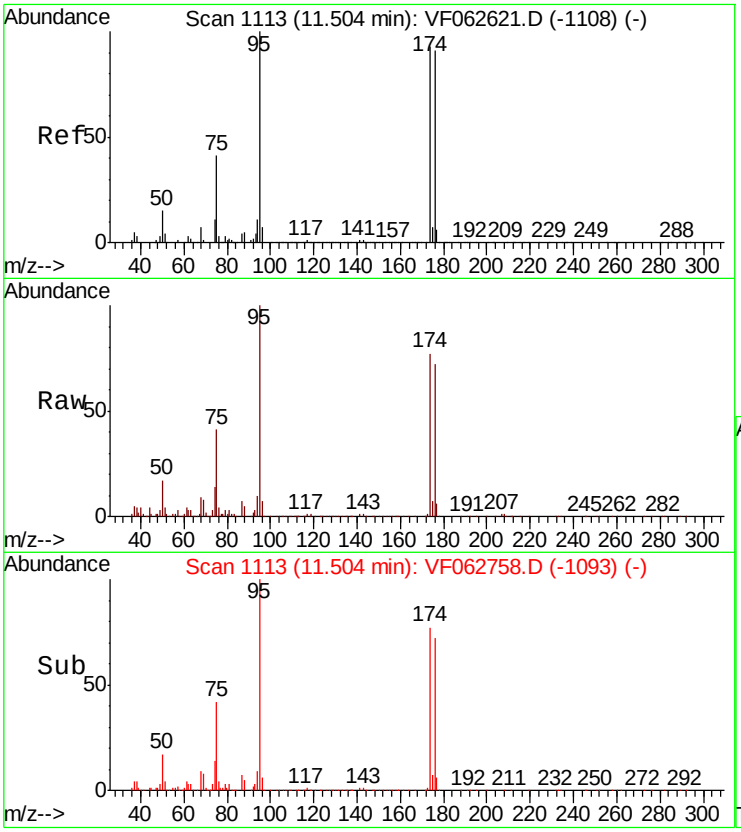


#59
2-Hexanone
Concen: Below Cal
RT: 9.64 min Scan# 924
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 43 Resp: 5547

Ion	Ratio	Lower	Upper
43	100		
58	46.5	28.1	84.4



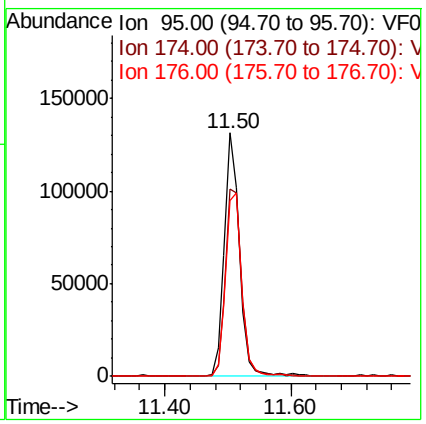


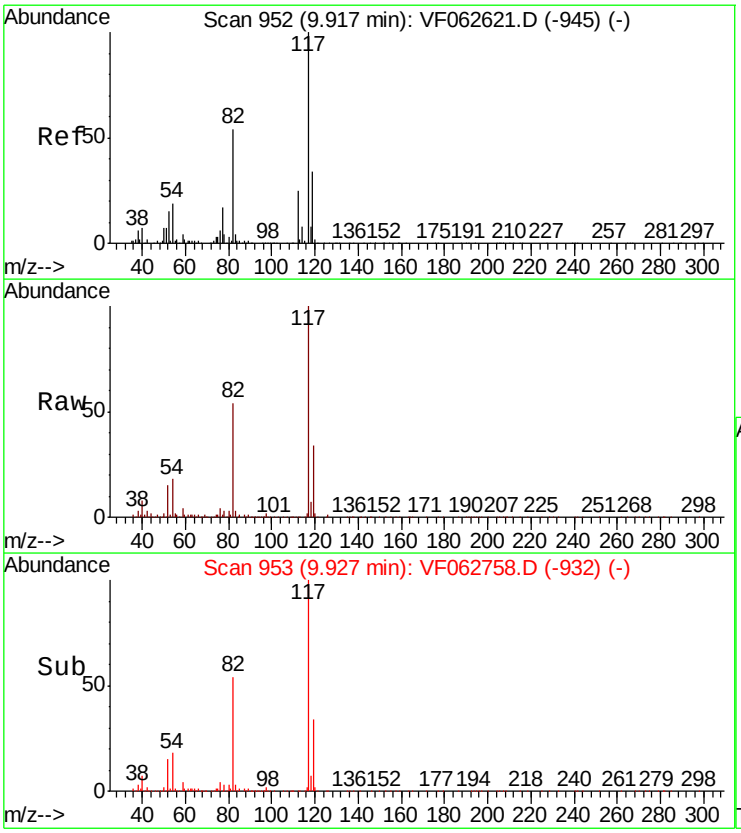
#62
4-Bromofluorobenzene
Concen: 25.560 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-BRE

Tgt Ion: 95 Resp: 221383

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	185.6
176	72.1	0.0	182.4

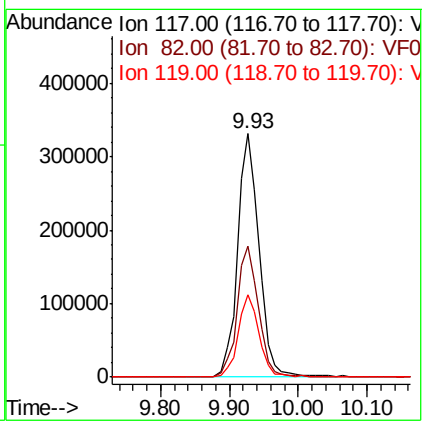


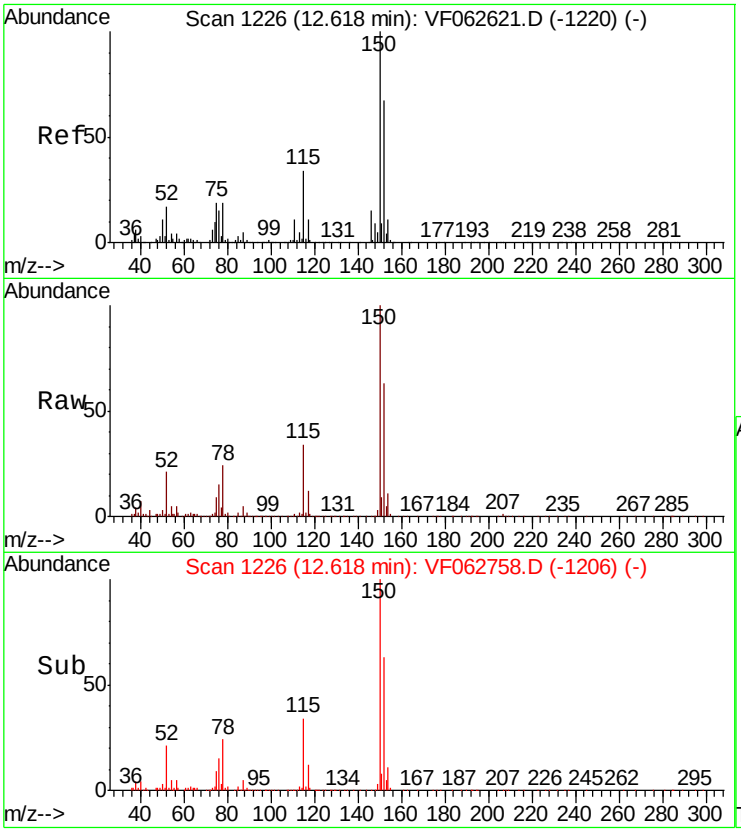


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion:117 Resp: 713851

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.3	64.9
119	33.6	27.4	41.0



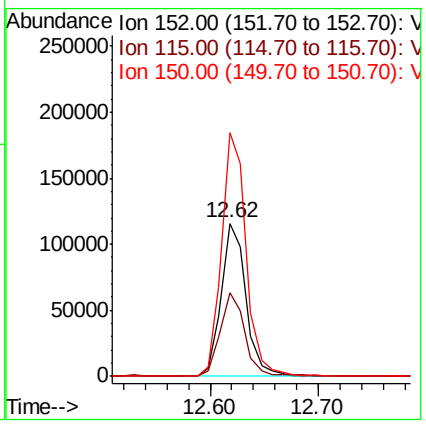


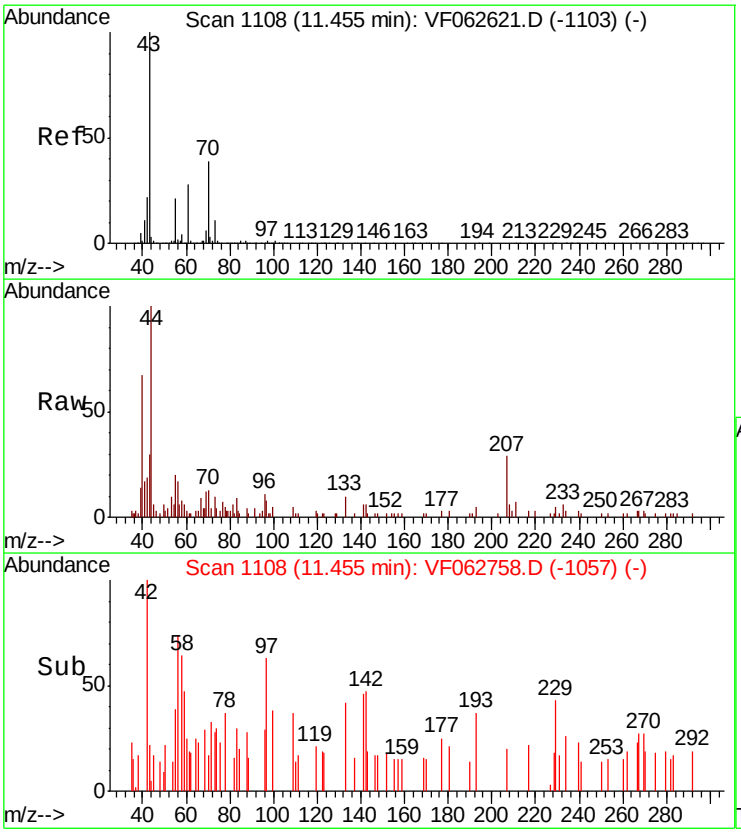
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-BRE

Tgt Ion:152 Resp: 184417

Ion	Ratio	Lower	Upper
152	100		
115	54.9	25.2	75.6
150	159.3	0.0	306.2

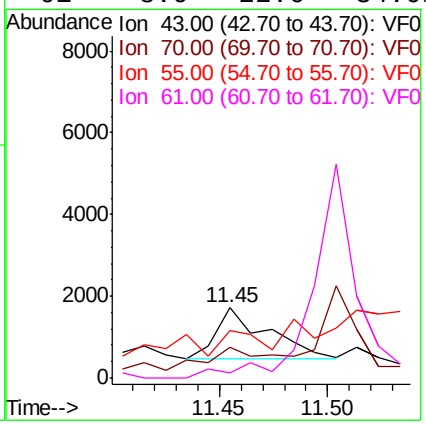


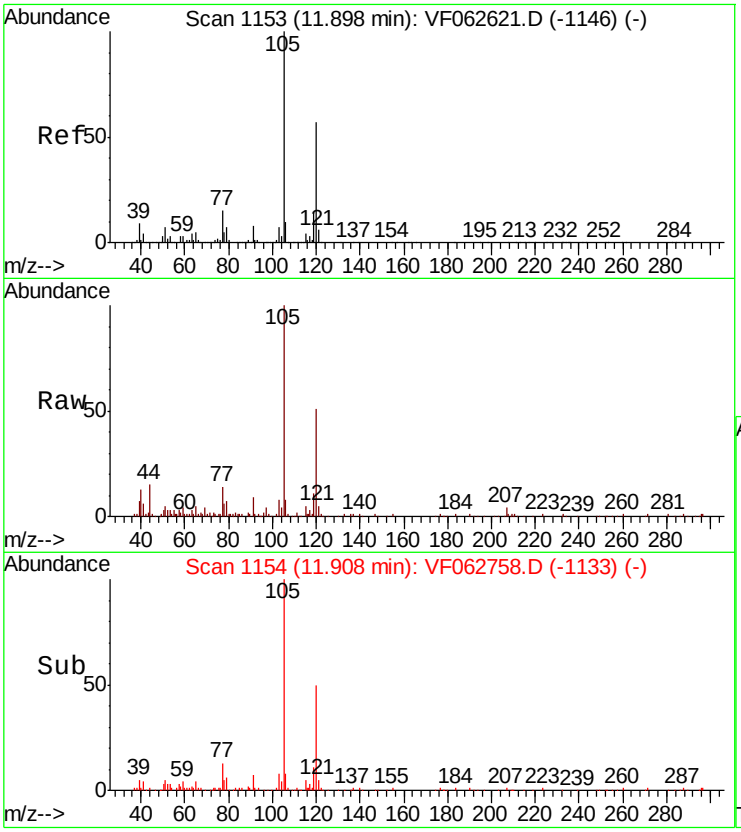


#74
N-amyl acetate
Concen: Below Cal
RT: 11.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 43 Resp: 2094

Ion	Ratio	Lower	Upper
43	100		
70	44.6	30.9	46.3
55	67.1	17.0	25.4#
61	8.0	22.6	34.0#



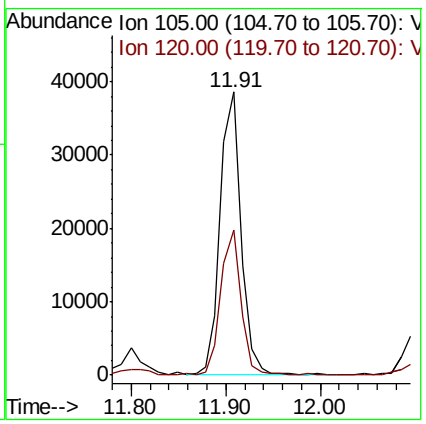


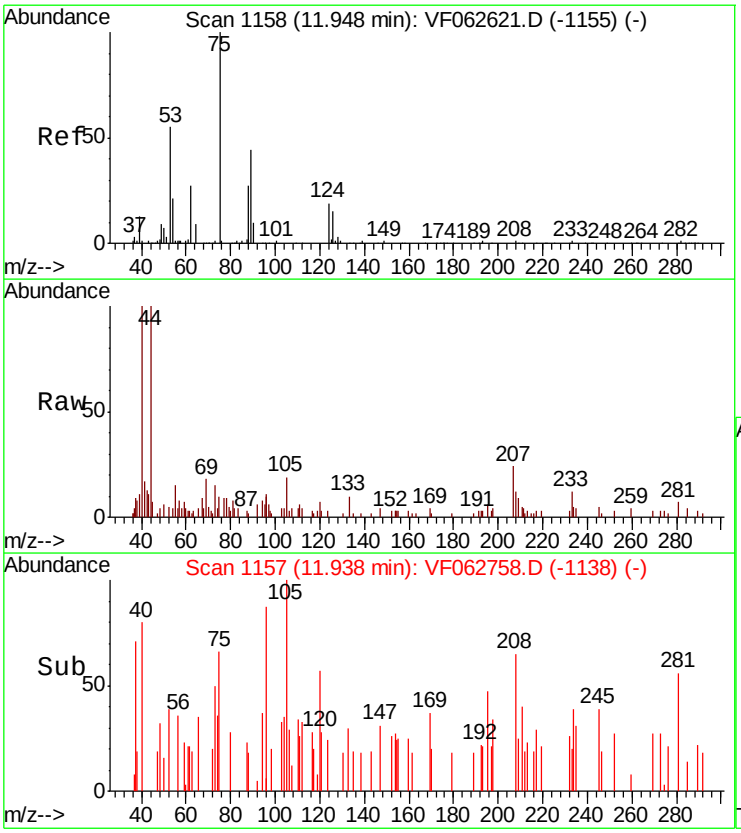
#80
1,3,5-Trimethylbenzene
Concen: 5.609 ug/l
RT: 11.91 min Scan# 1154
Delta R.T. 0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-BRE

Tgt Ion:105 Resp: 59443

Ion	Ratio	Lower	Upper
105	100		
120	51.5	28.7	86.3

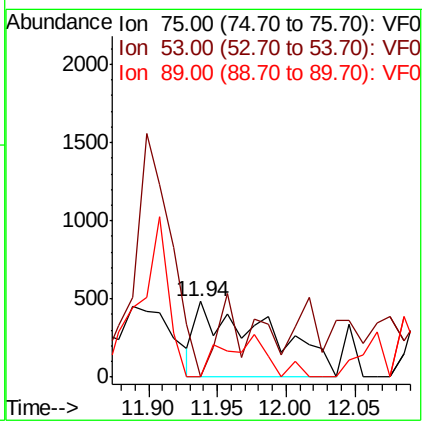


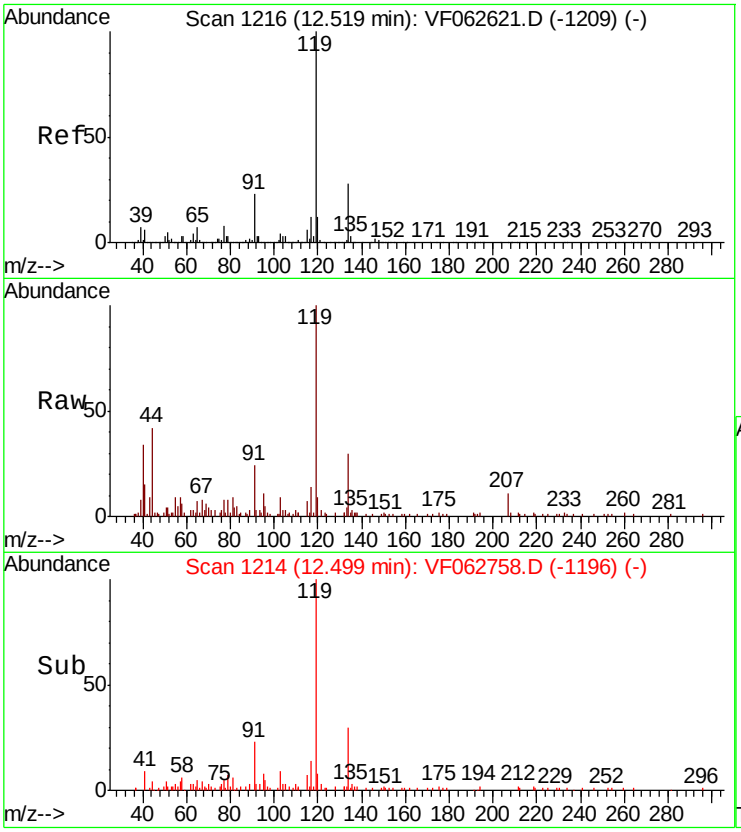


#81
trans-1,4-Dichloro-2-butene
Concen: 2.199 ug/l
RT: 11.94 min Scan# 1157
Delta R.T. -0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 75 Resp: 1735

Ion	Ratio	Lower	Upper
75	100		
53	0.0	46.9	70.3#
89	0.0	36.4	54.6#



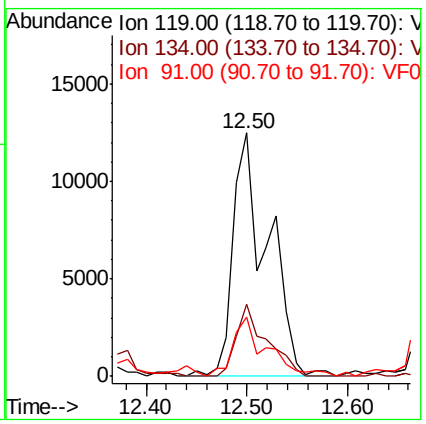


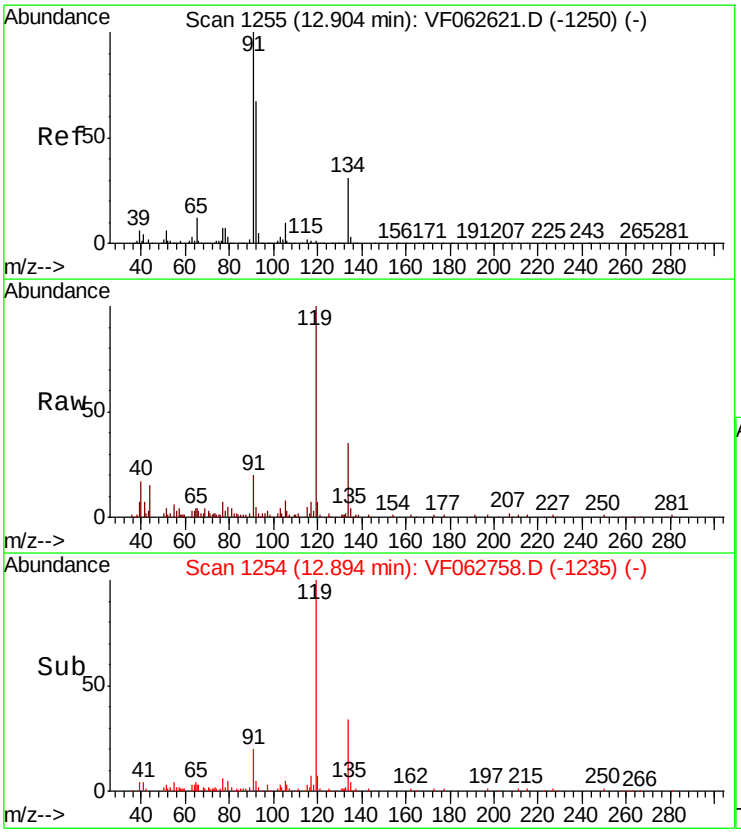
#86
p-Isopropyltoluene
Concen: 2.440 ug/l
RT: 12.50 min Scan# 1214
Delta R.T. -0.02 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-007-BRE

Tgt Ion:119 Resp: 29677

Ion	Ratio	Lower	Upper
119	100		
134	29.9	14.1	42.3
91	24.4	11.4	34.2

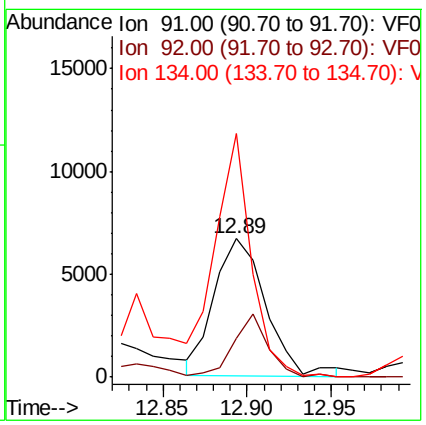


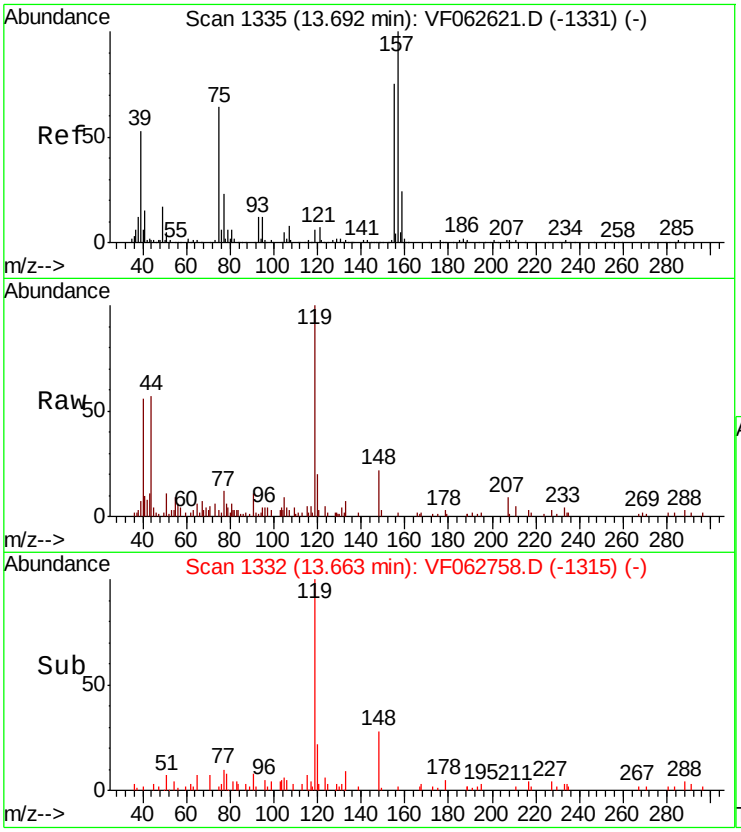


#89
n-Butylbenzene
Concen: 1.186 ug/l
RT: 12.89 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion: 91 Resp: 14217

Ion	Ratio	Lower	Upper
91	100		
92	27.7	33.3	99.8#
134	175.7	15.4	46.4#



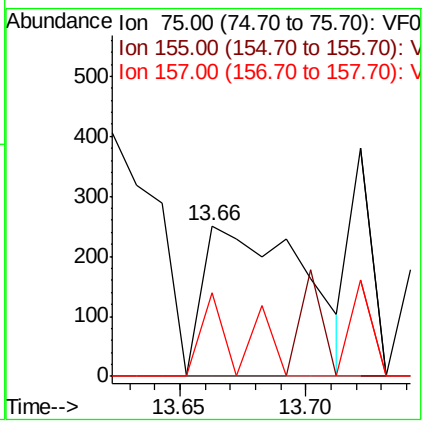


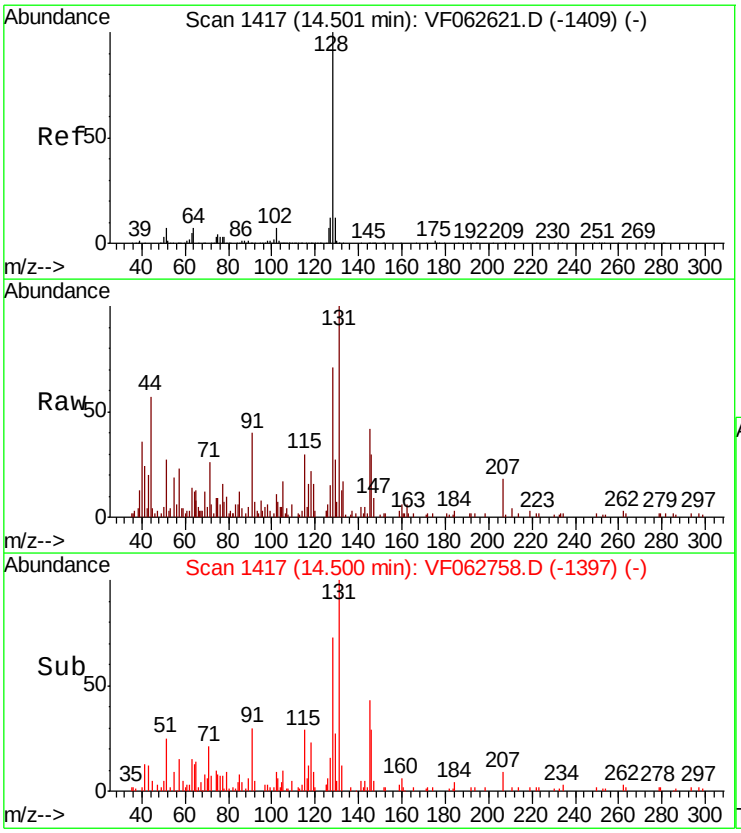
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.157 ug/l
RT: 13.66 min Scan# 1332
Delta R.T. -0.03 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-007-BRE

Tgt Ion: 75 Resp: 695

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.1	174.3#
157	55.4	77.8	233.4#





#95
Naphthalene
Concen: 1.683 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF062758.D
Acq: 28 May 2019 14:00

Tgt Ion:128 Resp: 11594

Ion	Ratio	Lower	Upper
128	100		
127	20.9	9.7	14.5#
129	37.5	9.3	13.9#