Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052019\
Data File : VF062656.D
Acq On : 20 May 2019 13:09
Operator : FY/SY
Sample : K2881-02
Misc : 5.19g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-PS-01-047

Quant Time: May 20 14:33:47 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	5.07	168	874854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1436771	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	971233	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	382490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	226252	36.60	ug/l	0.01
Spiked Amount 50.000			Recovery = 73.20%			
35) Dibromofluoromethane	4.33	113	426724	38.81	ug/l	0.01
Spiked Amount 50.000			Recovery = 77.62%			
50) Toluene-d8	7.73	98	912871	34.78	ug/l	0.01
Spiked Amount 50.000			Recovery = 69.56%			
62) 4-Bromofluorobenzene	11.50	95	305767	30.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.73	59	3477	8.519	ug/l #	1
13) Acrolein	2.12	56	2108	4.948	ug/l #	58
15) Acrylonitrile	3.10	53	7334	6.370	ug/l #	66
16) Acetone	2.37	43	10022	6.249	ug/l	95
18) Methyl Acetate	2.52	43	15035	5.965	ug/l #	82
20) Methylene Chloride	2.34	84	26430	3.288	ug/l	91
25) 2-Butanone	4.55	43	8789	2.565	ug/l	97
29) Tetrahydrofuran	4.28	42	7936	5.723	ug/l #	43
49) 1,4-Dioxane	6.86	88	225	4.316	ug/l #	1
51) 4-Methyl-2-Pentanone	8.42	43	20968	3.939	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.47	63	3369	1.395	ug/l #	60
59) 2-Hexanone	9.64	43	27863	Below Cal		91
74) N-amyl acetate	11.46	43	24766	Below Cal #		97
81) trans-1,4-Dichloro-2-buten	11.96	75	1988	1.215	ug/l #	40
92) 1,2-Dibromo-3-Chloropropan	13.70	75	764	1.143	ug/l	56
95) Naphthalene	14.50	128	25789	1.805	ug/l #	95

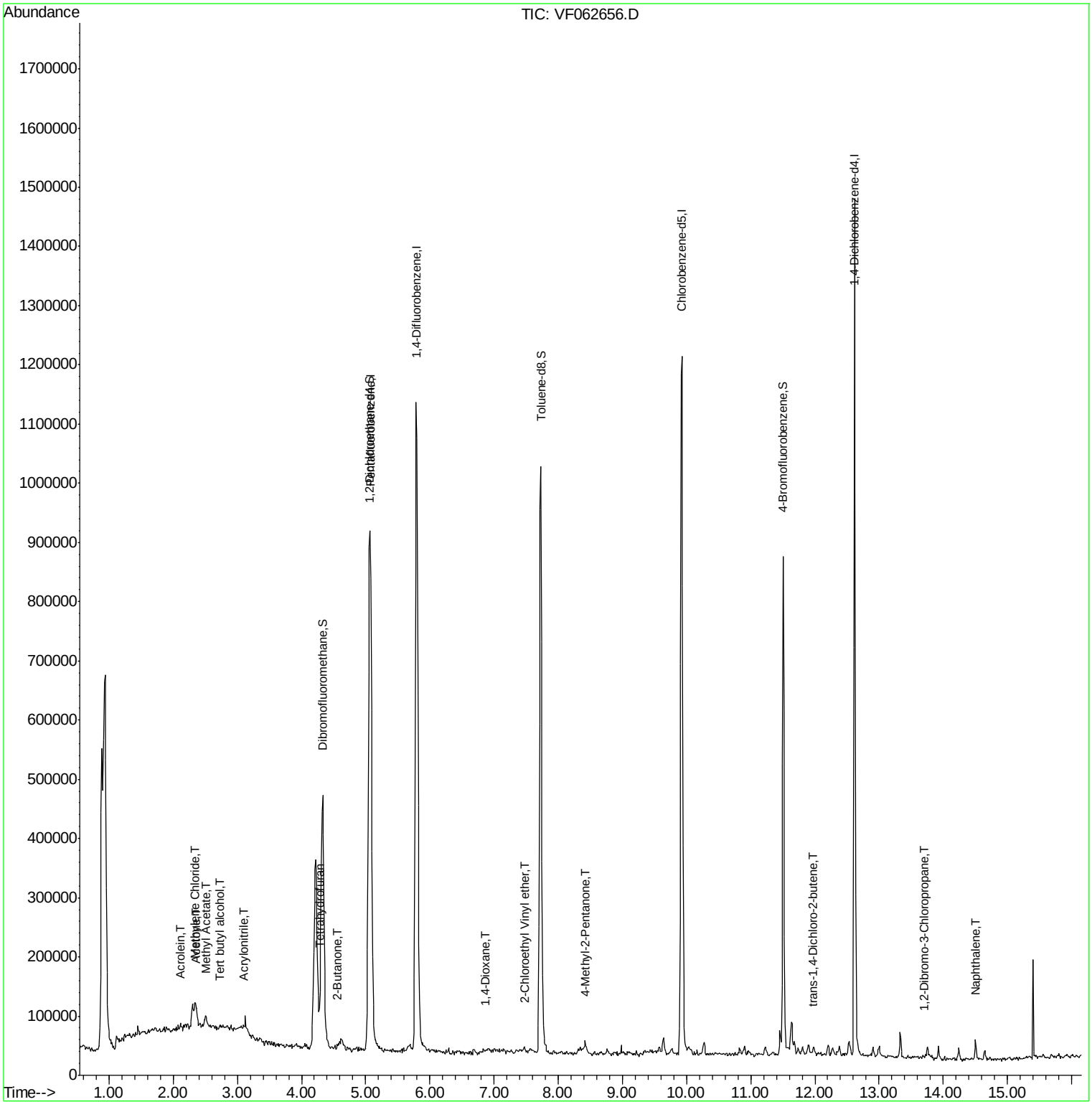
(#) = qualifier out of range (m) = manual integration (+) = signals summed

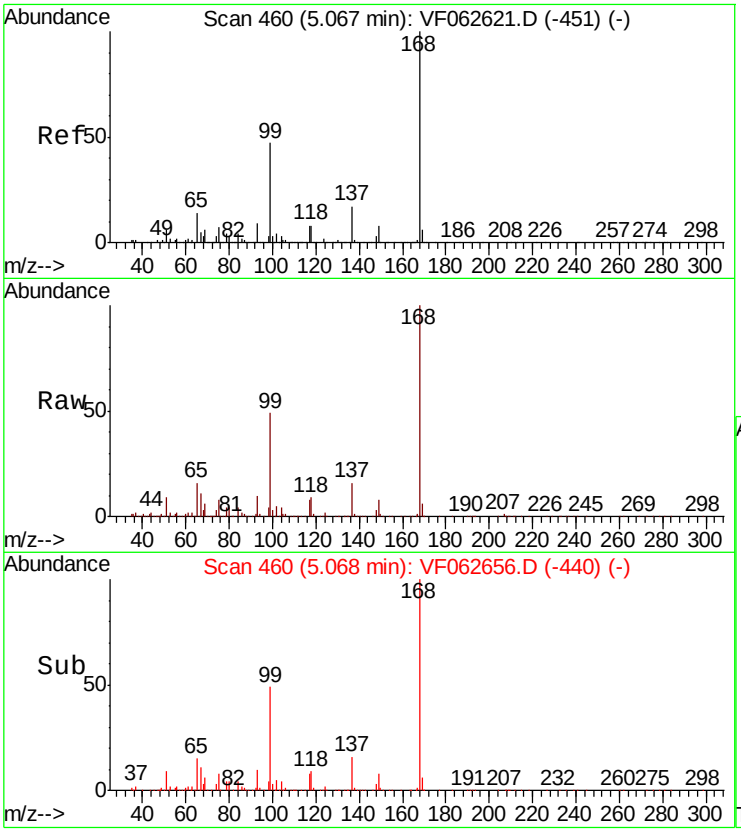
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052019\
Data File : VF062656.D
Acq On : 20 May 2019 13:09
Operator : FY/SY
Sample : K2881-02
Misc : 5.19g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

Quant Time: May 20 14:33:47 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



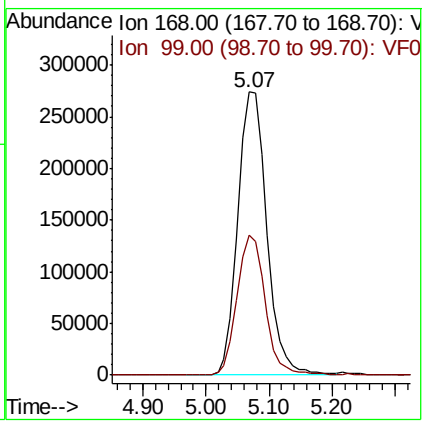


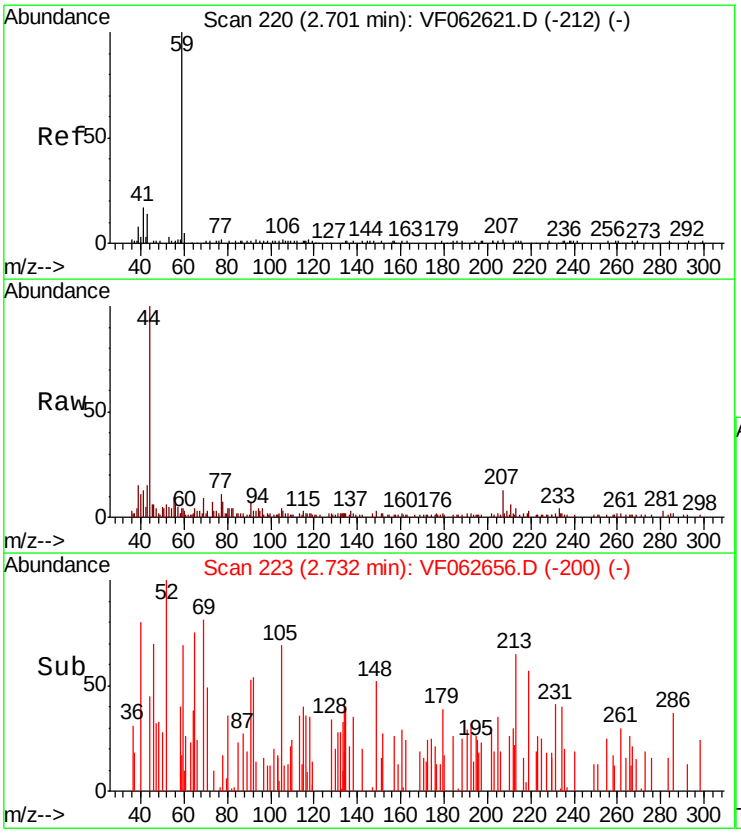
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.00 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion:168 Resp: 874854

Ion	Ratio	Lower	Upper
168	100		
99	49.4	37.8	56.8

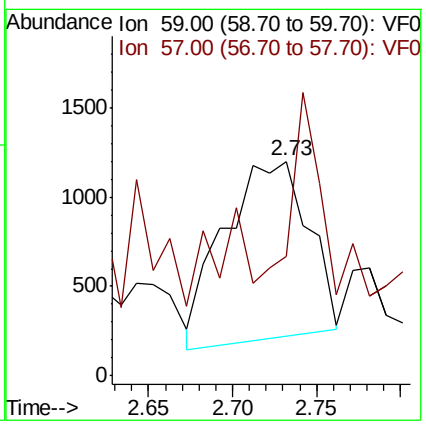


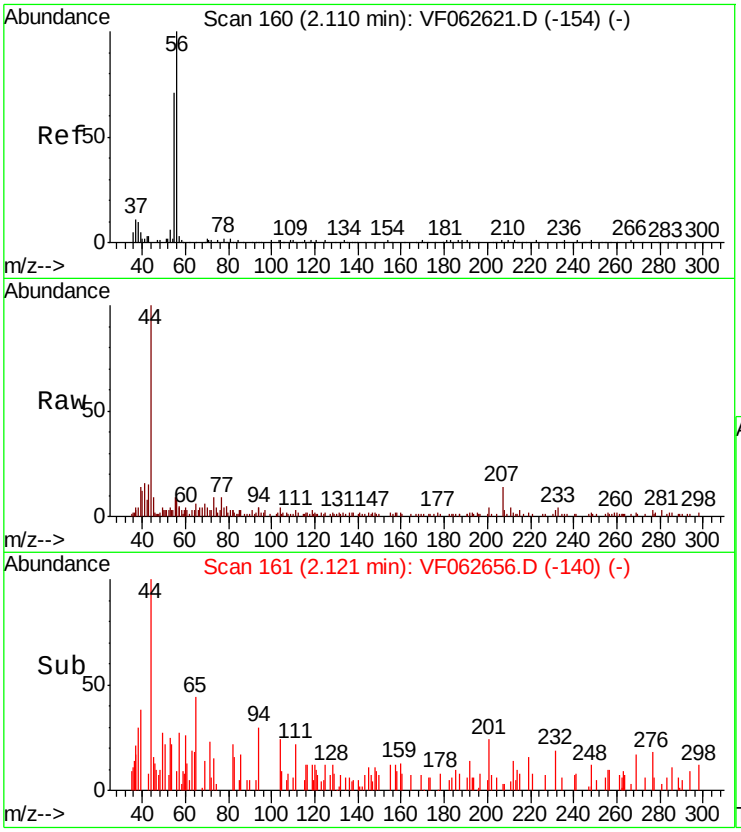


#11
Tert butyl alcohol
Concen: 8.519 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.03 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion: 59 Resp: 3477

Ion	Ratio	Lower	Upper
59	100		
57	55.7	9.3	13.9#



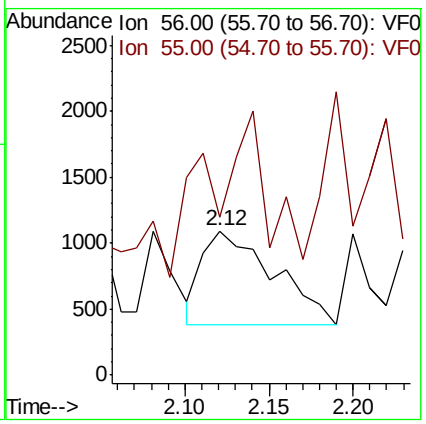


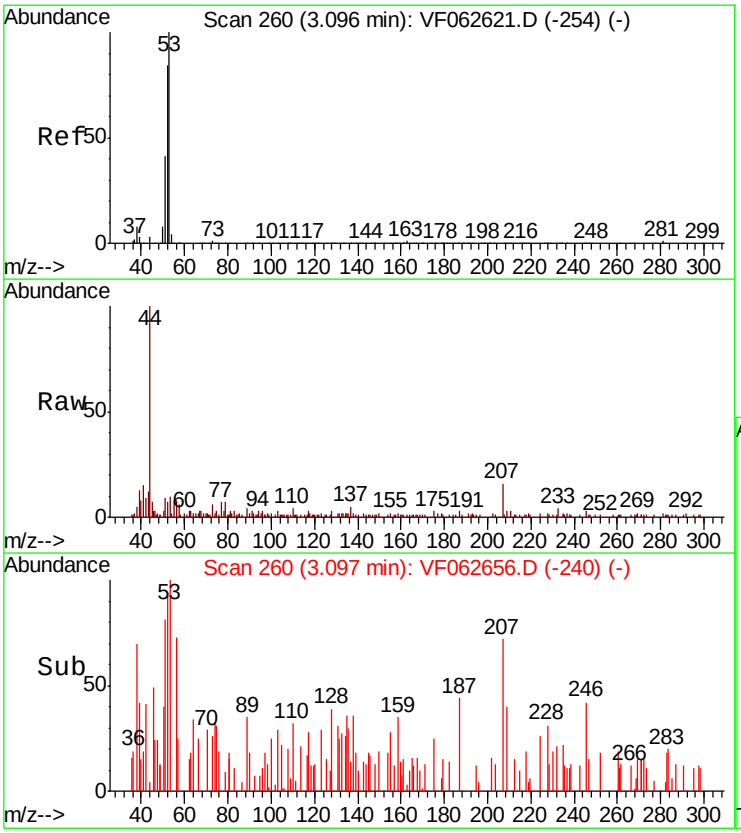
#13
Acrolein
Concen: 4.948 ug/l
RT: 2.12 min Scan# 161
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument : MSVOA_F
ClientSampleId : FK-PS-01-047

Tgt Ion: 56 Resp: 2108

Ion	Ratio	Lower	Upper
56	100		
55	109.7	59.4	89.0#

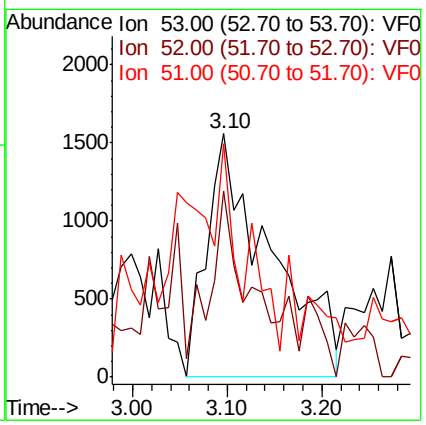


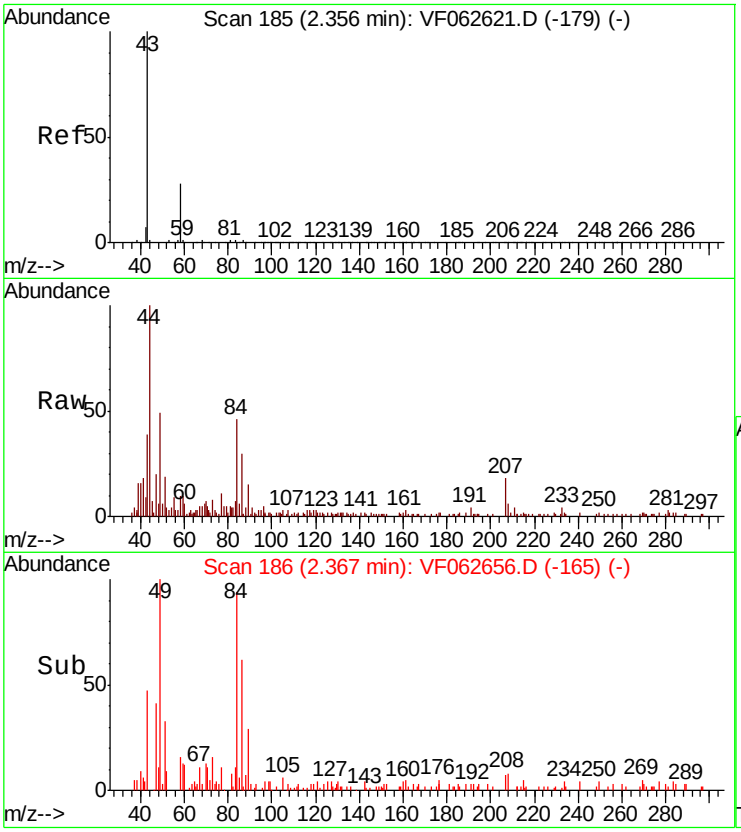


#15
Acrylonitrile
Concen: 6.370 ug/l
RT: 3.10 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion: 53 Resp: 7334

Ion	Ratio	Lower	Upper
53	100		
52	76.3	67.3	100.9
51	95.8	33.0	49.6#



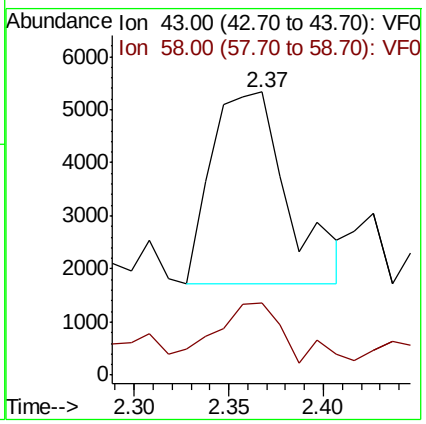


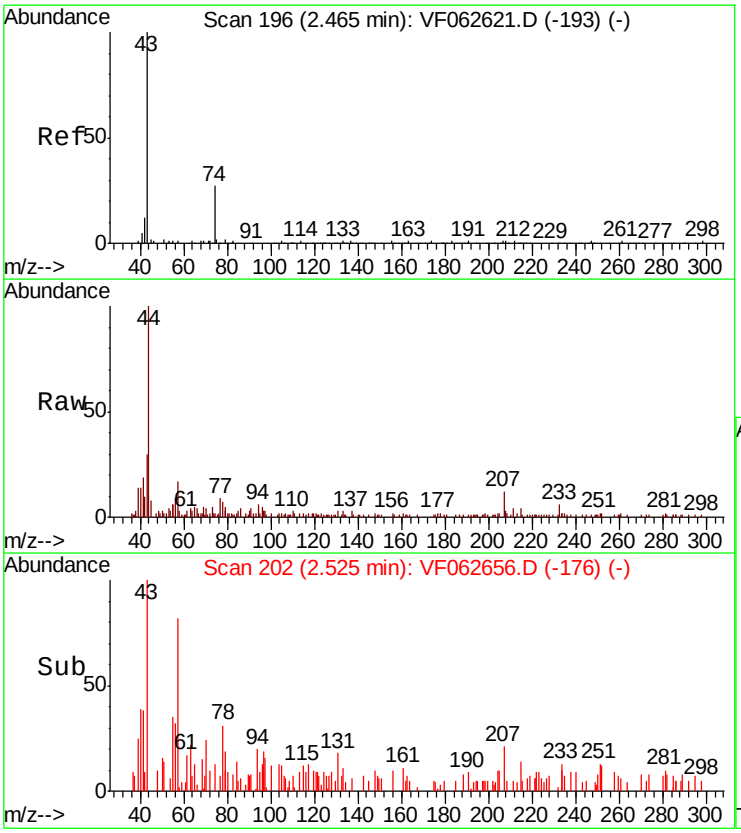
#16
Acetone
Concen: 6.249 ug/l
RT: 2.37 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion: 43 Resp: 10022

Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.6	33.8

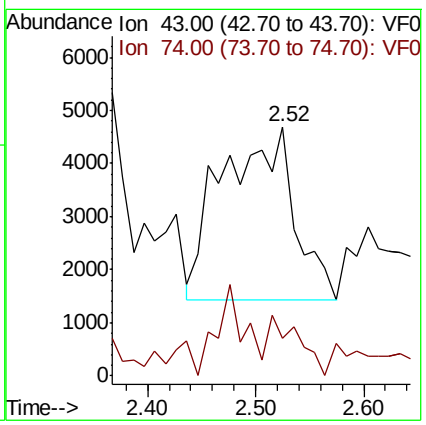


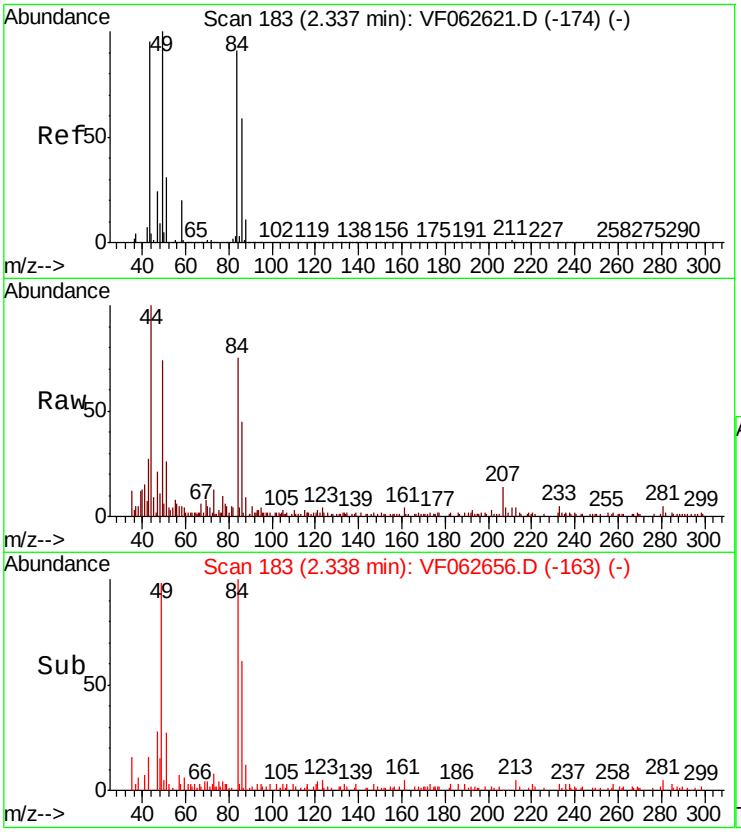


#18
Methyl Acetate
Concen: 5.965 ug/l
RT: 2.52 min Scan# 202
Delta R.T. 0.06 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion: 43 Resp: 15035

Ion	Ratio	Lower	Upper
43	100		
74	15.0	18.9	28.3#



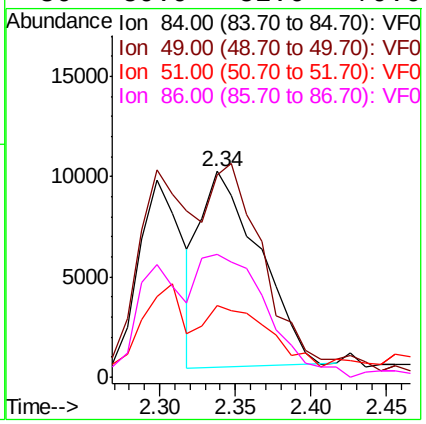


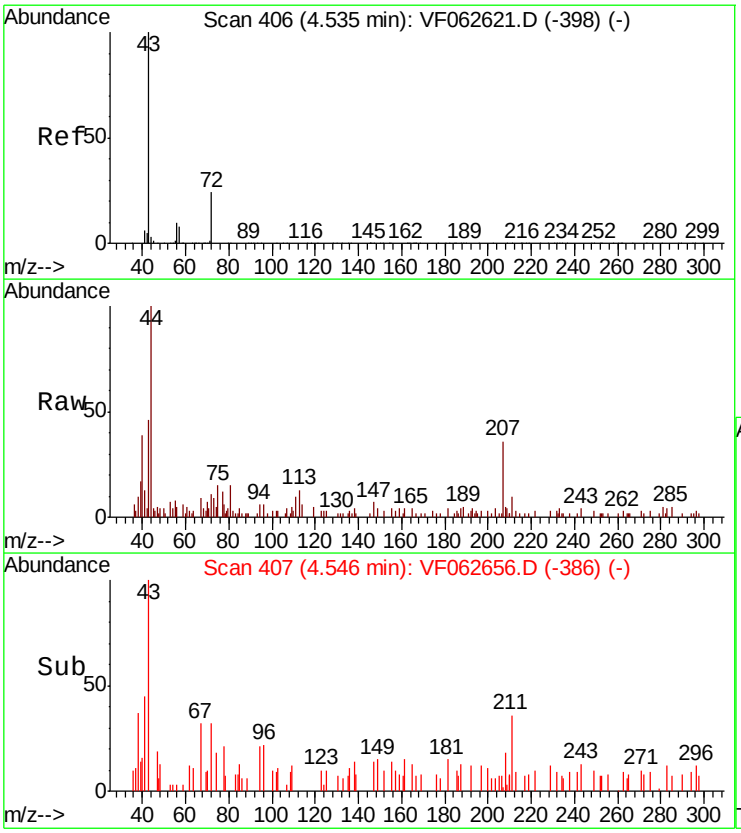
#20
Methylene Chloride
Concen: 3.288 ug/l
RT: 2.34 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion: 84 Resp: 26430

Ion	Ratio	Lower	Upper
84	100		
49	98.5	89.8	134.8
51	35.0	28.4	42.6
86	59.9	52.6	79.0

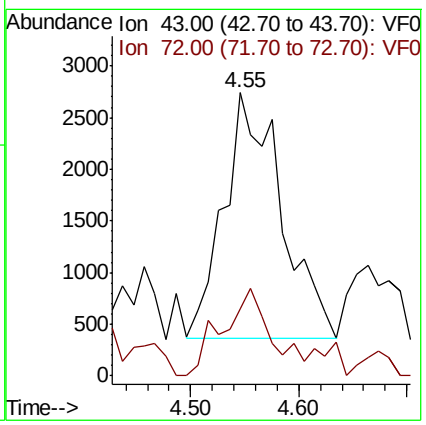


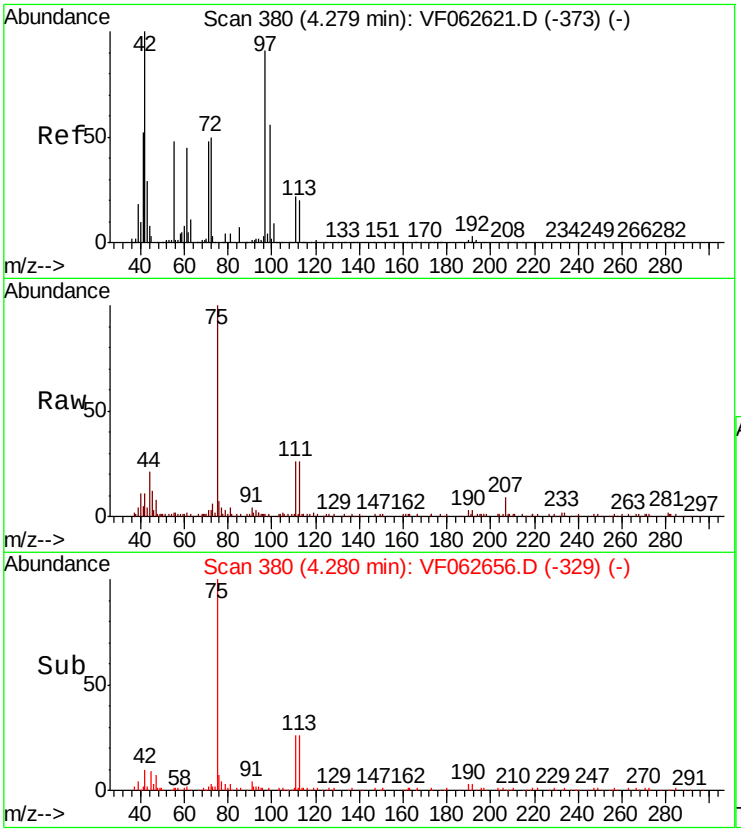


#25
2-Butanone
Concen: 2.565 ug/l
RT: 4.55 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion: 43 Resp: 8789

Ion	Ratio	Lower	Upper
43	100		
72	23.6	20.1	30.1



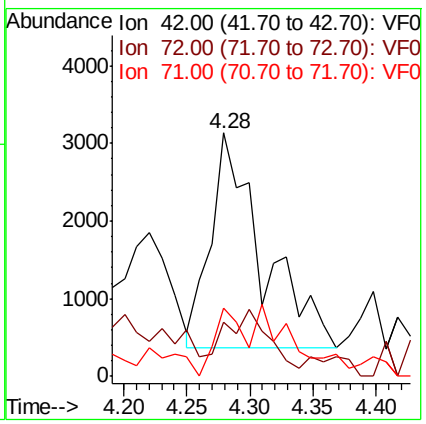


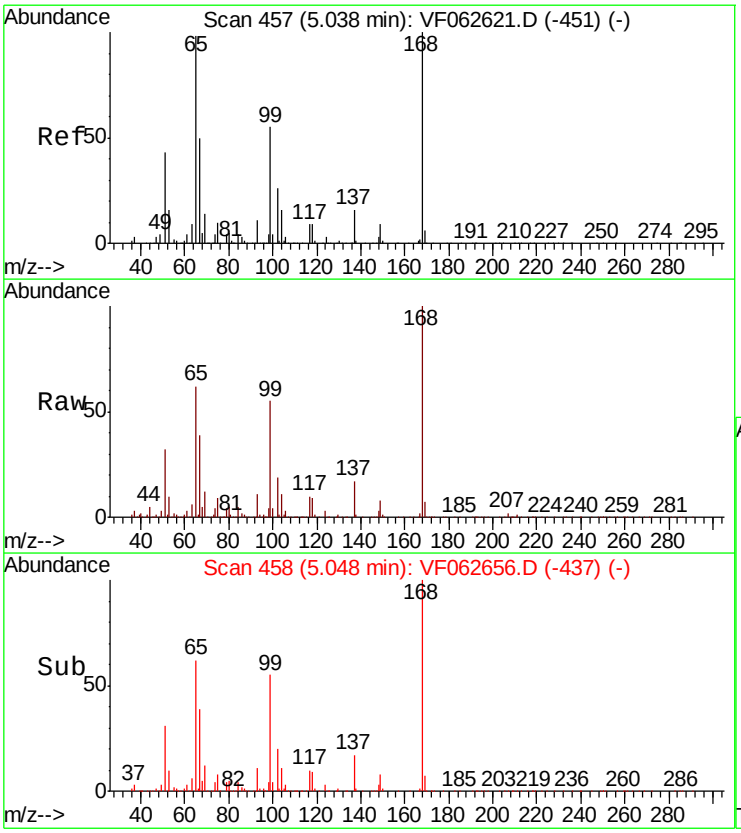
#29
Tetrahydrofuran
Concen: 5.723 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.00 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion: 42 Resp: 7936

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.2	57.2#
71	17.5	35.8	53.6#

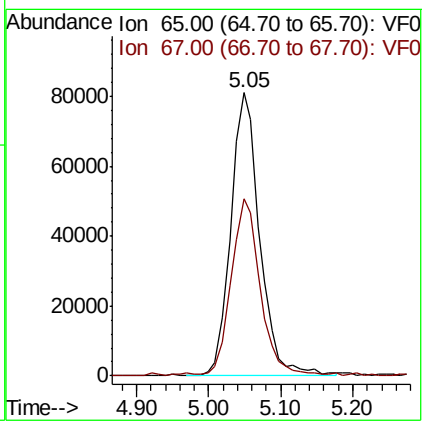


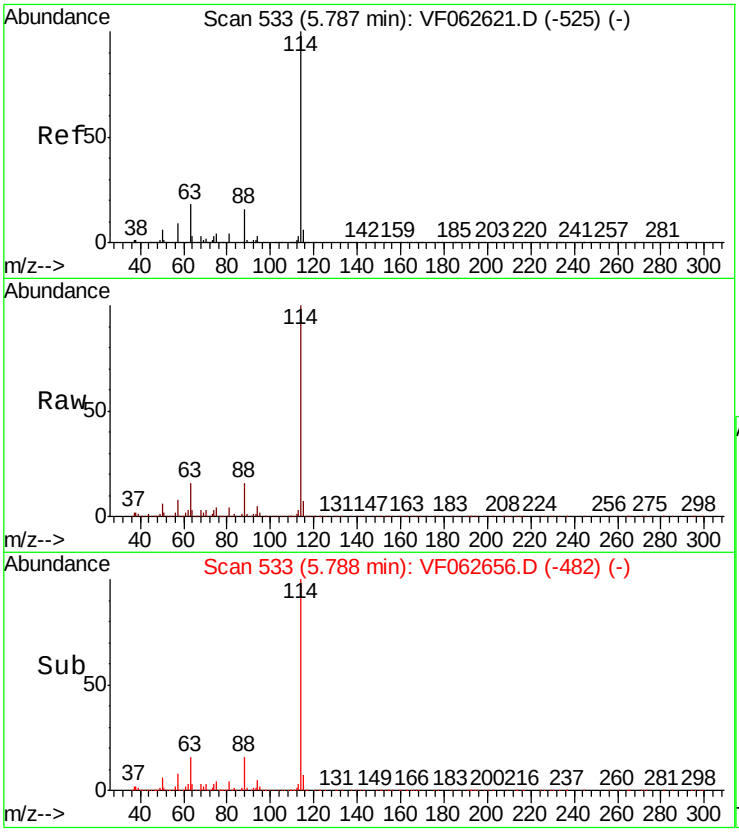


#33
1,2-Dichloroethane-d4
Concen: 36.598 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion: 65 Resp: 226252

Ion	Ratio	Lower	Upper
65	100		
67	62.5	0.0	117.6



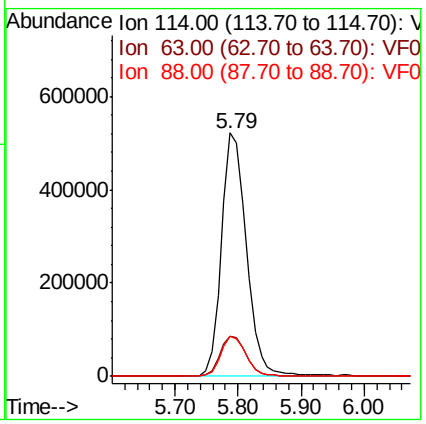


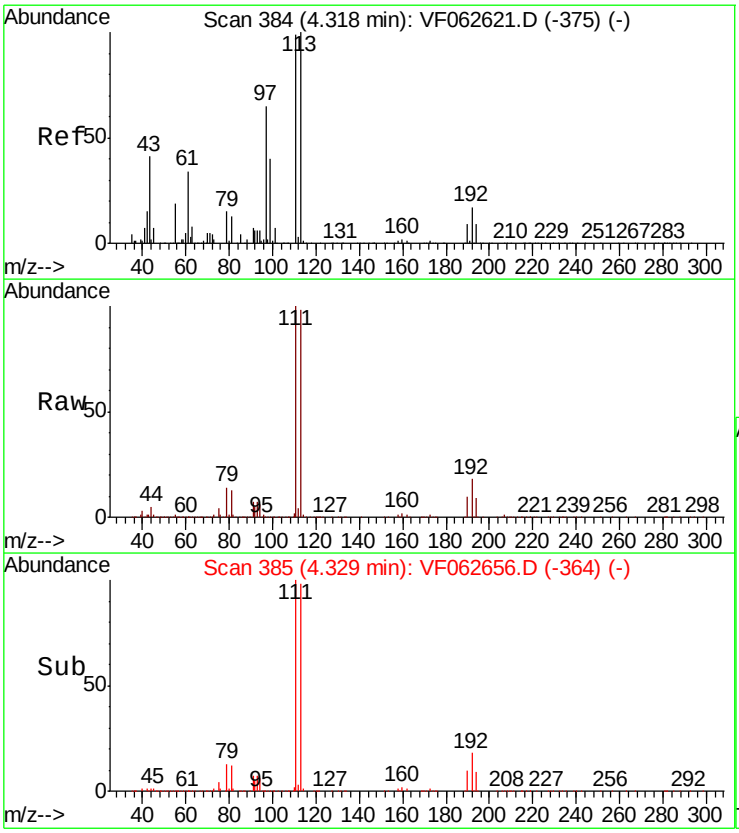
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.00 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion:114 Resp: 1436771

Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	35.4
88	16.4	0.0	32.4

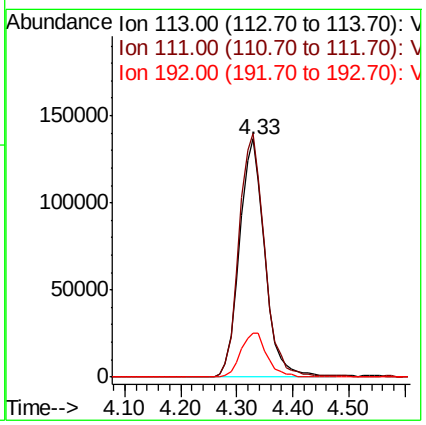


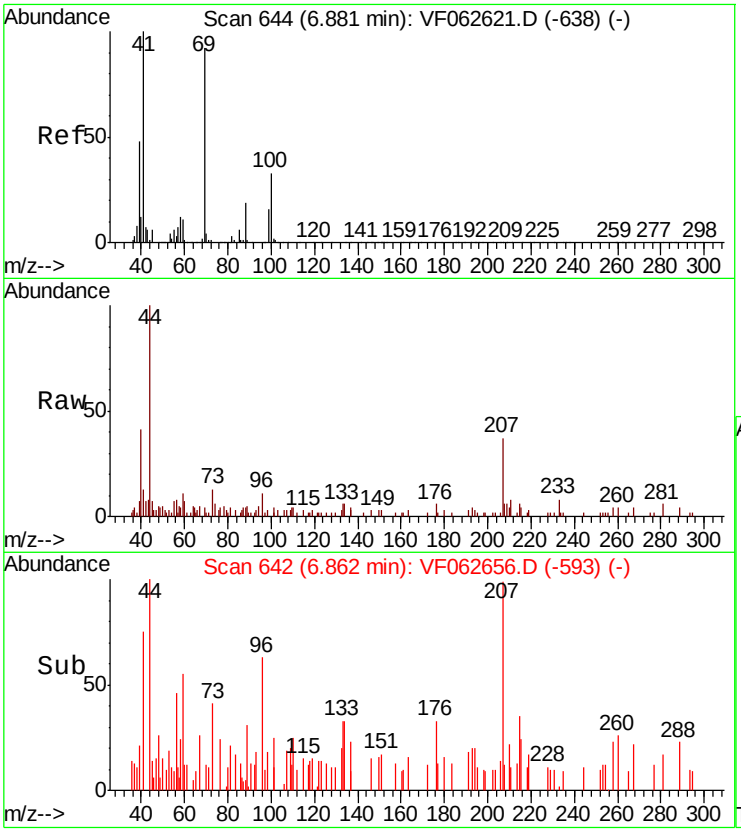


#35
Dibromofluoromethane
Concen: 38.813 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion:113 Resp: 426724

Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.4	119.2
192	18.5	13.4	20.2



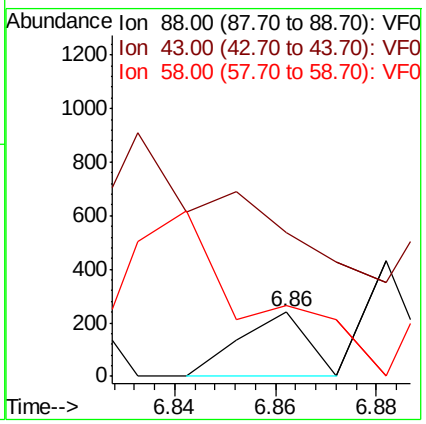


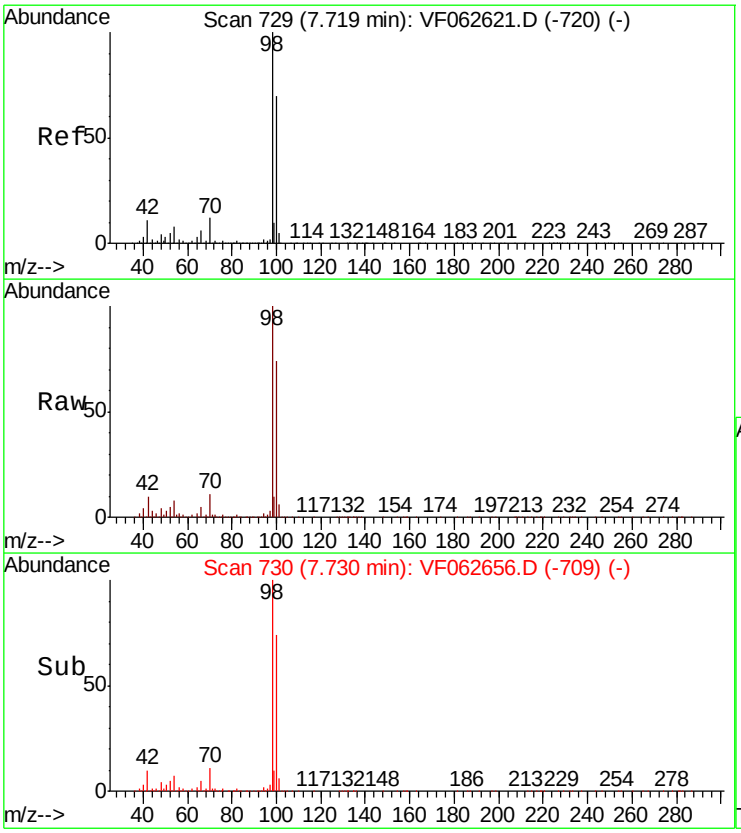
#49
1,4-Dioxane
Concen: 4.316 ug/l
RT: 6.86 min Scan# 642
Delta R.T. -0.02 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument : MSVOA_F
ClientSampleId : FK-PS-01-047

Tgt Ion: 88 Resp: 225

Ion	Ratio	Lower	Upper
88	100		
43	221.0	30.0	45.0#
58	109.5	51.1	76.7#

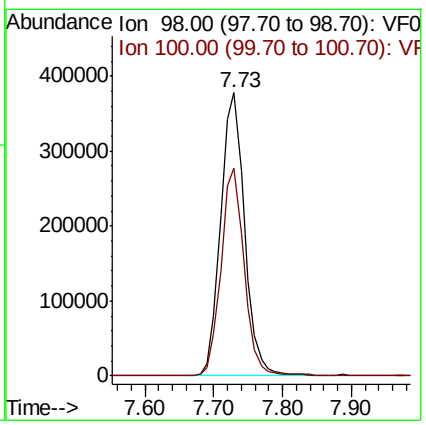


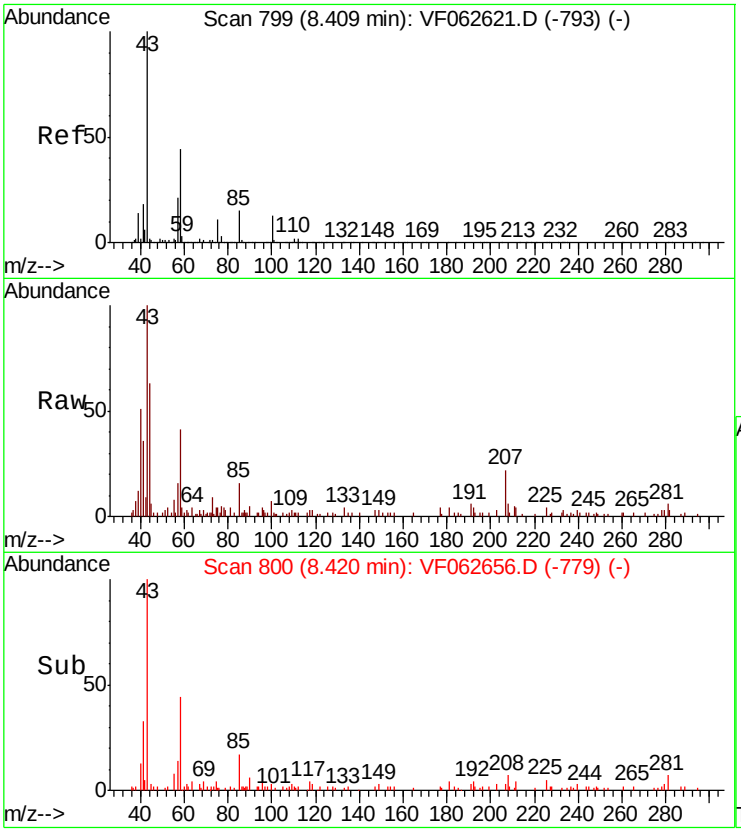


#50
Toluene-d8
Concen: 34.776 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion: 98 Resp: 912871

Ion	Ratio	Lower	Upper
98	100		
100	73.6	56.2	84.2



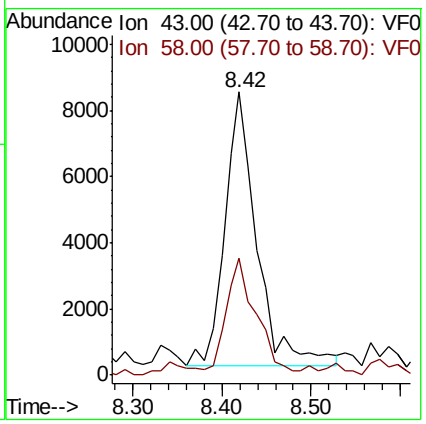


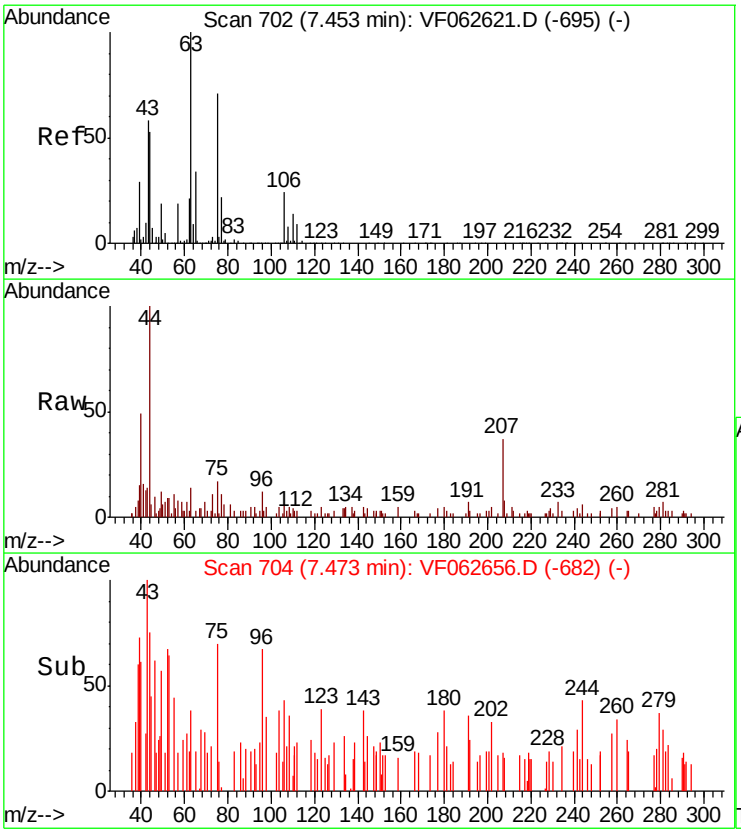
#51
4-Methyl-2-Pentanone
Concen: 3.939 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion: 43 Resp: 20968

Ion	Ratio	Lower	Upper
43	100		
58	41.4	34.9	52.3

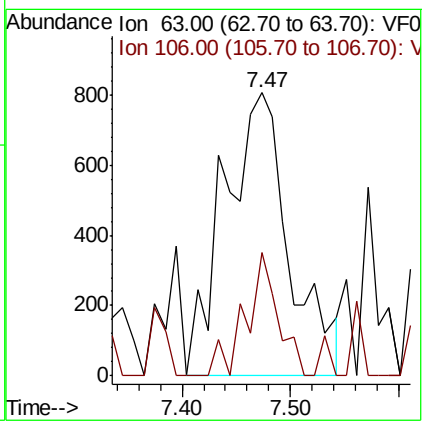


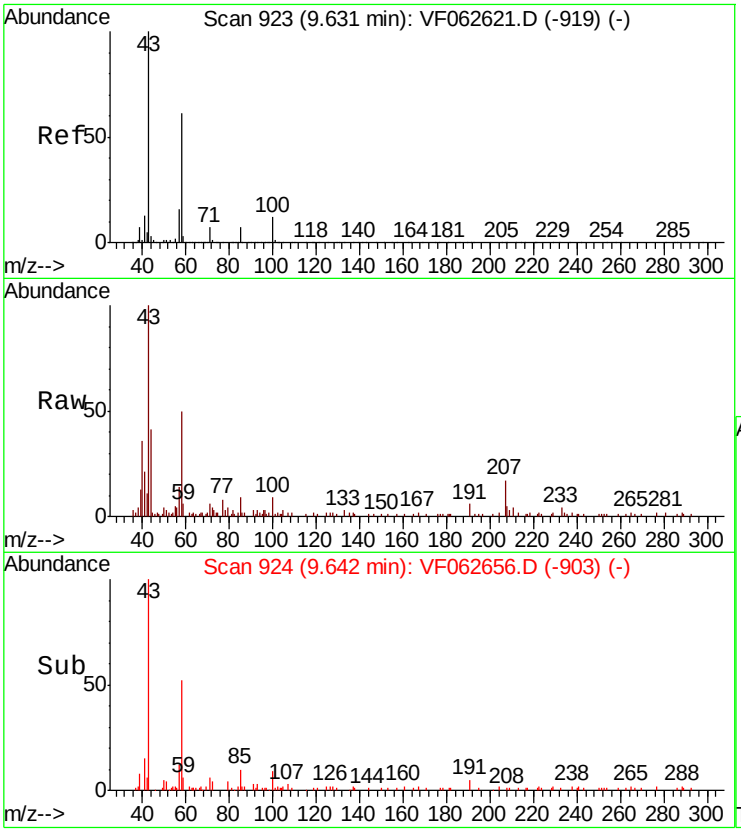


#58
2-Chloroethyl Vinyl ether
Concen: 1.395 ug/l
RT: 7.47 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion: 63 Resp: 3369

Ion	Ratio	Lower	Upper
63	100		
106	43.6	19.1	28.7#



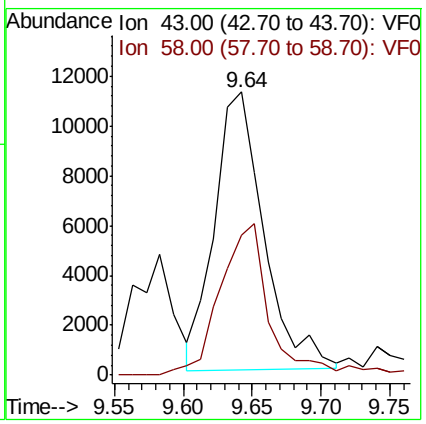


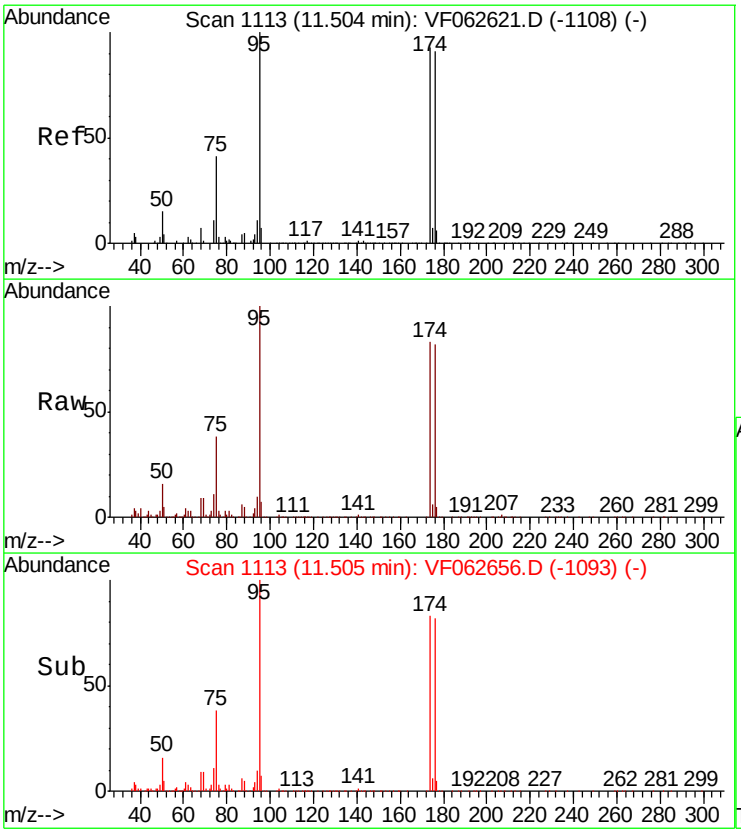
#59
2-Hexanone
Concen: Below Cal
RT: 9.64 min Scan# 924
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion: 43 Resp: 27863

Ion	Ratio	Lower	Upper
43	100		
58	49.6	28.1	84.4

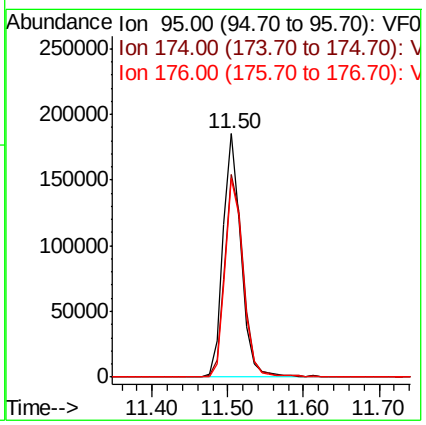


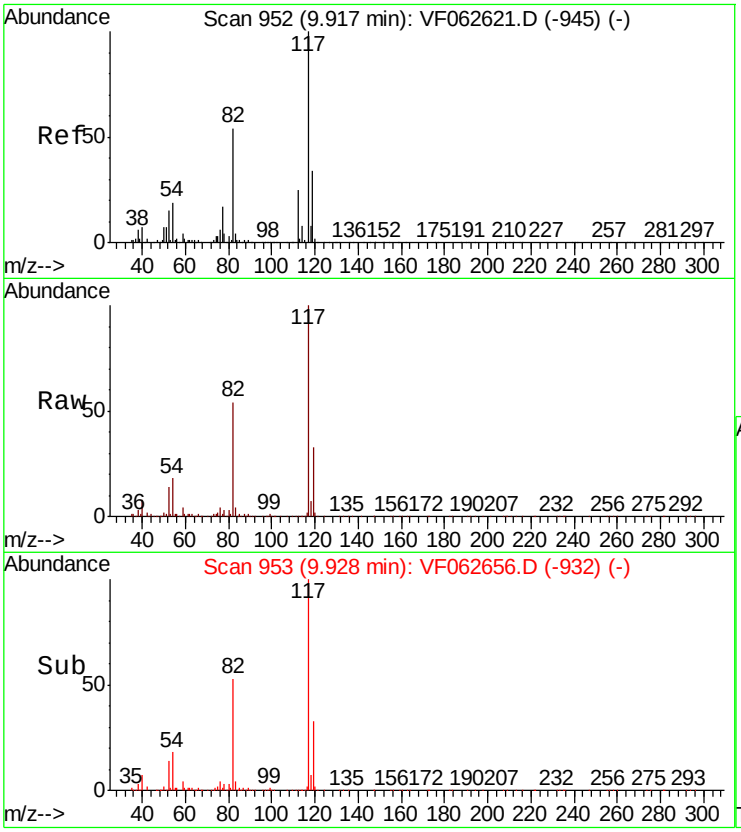


#62
4-Bromofluorobenzene
Concen: 30.712 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion: 95 Resp: 305767

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	185.6
176	81.9	0.0	182.4



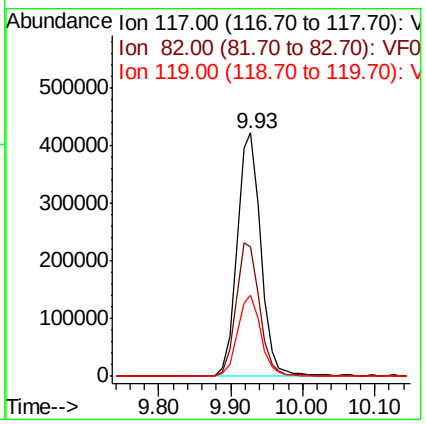


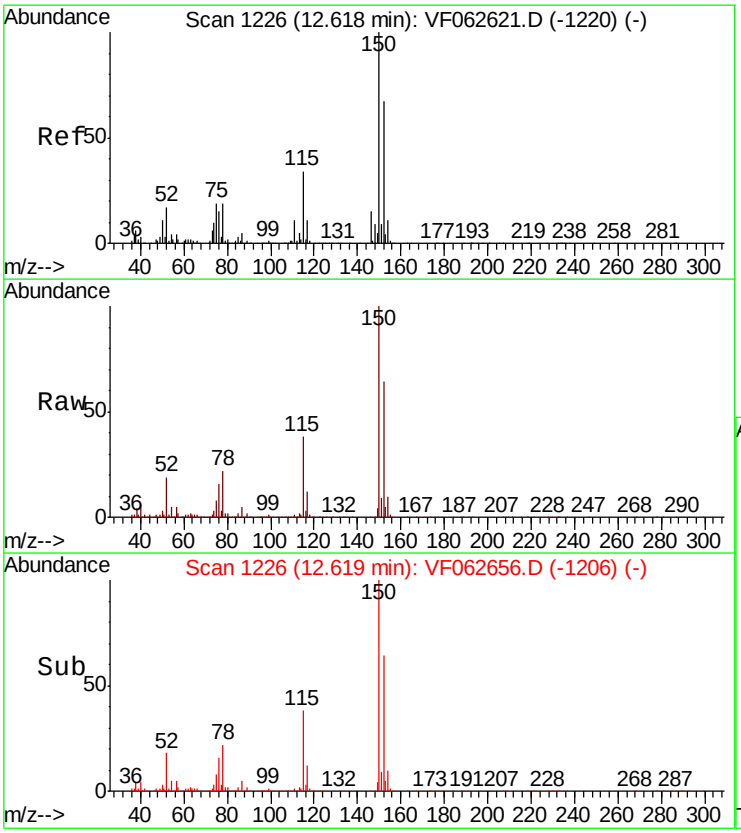
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument : MSVOA_F
ClientSampleId : FK-PS-01-047

Tgt Ion:117 Resp: 971233

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.3	64.9
119	33.5	27.4	41.0

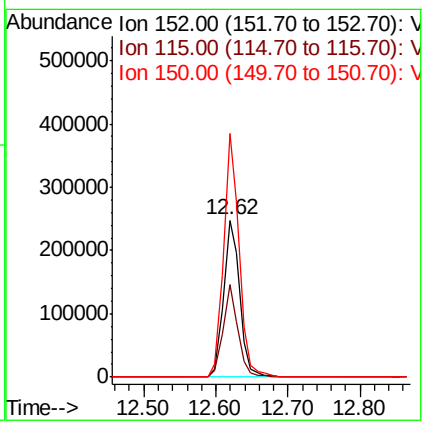


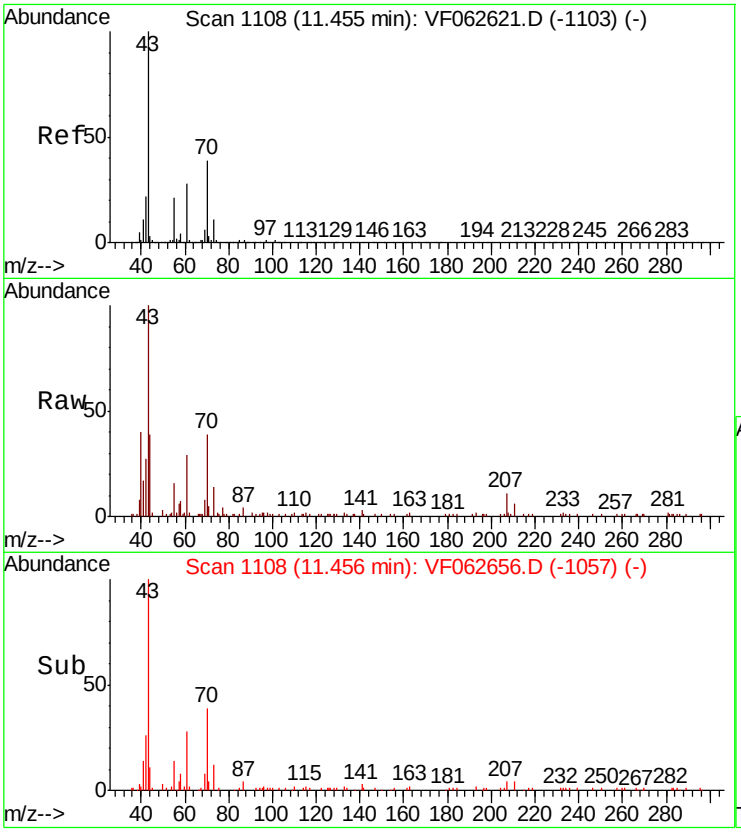


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion:152 Resp: 382490

Ion	Ratio	Lower	Upper
152	100		
115	58.8	25.2	75.6
150	155.1	0.0	306.2



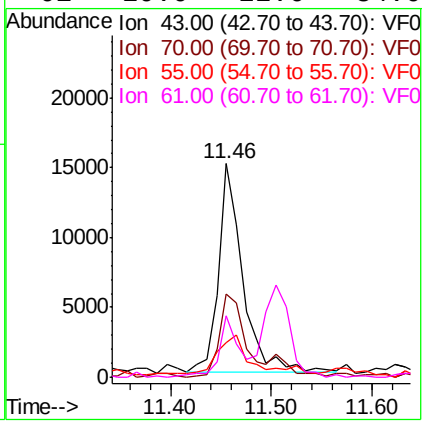


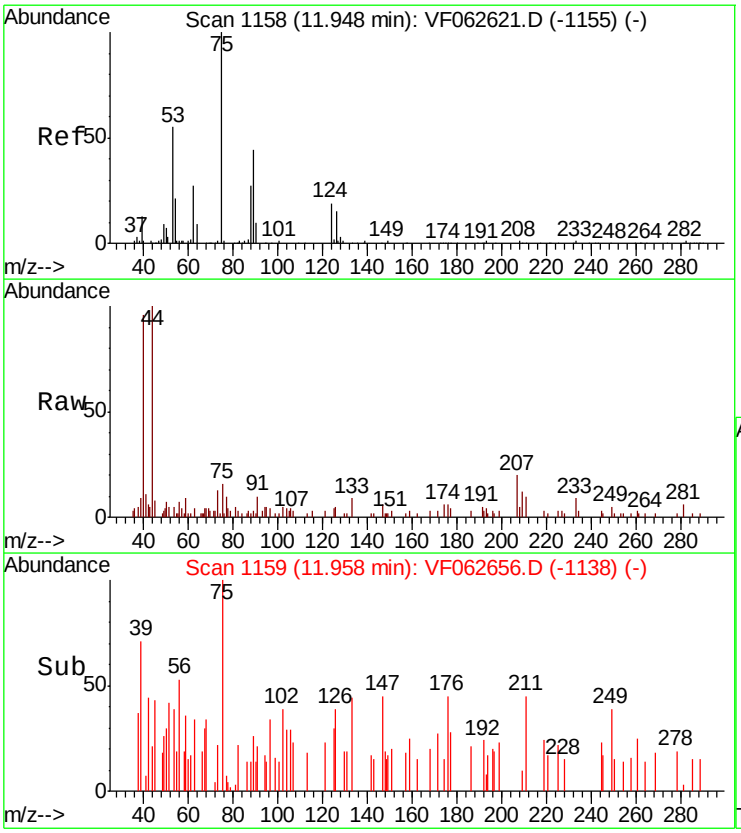
#74
N-amyl acetate
Concen: Below Cal
RT: 11.46 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument : MSVOA_F
ClientSampleId : FK-PS-01-047

Tgt Ion: 43 Resp: 24766

Ion	Ratio	Lower	Upper
43	100		
70	38.7	30.9	46.3
55	16.2	17.0	25.4#
61	29.0	22.6	34.0

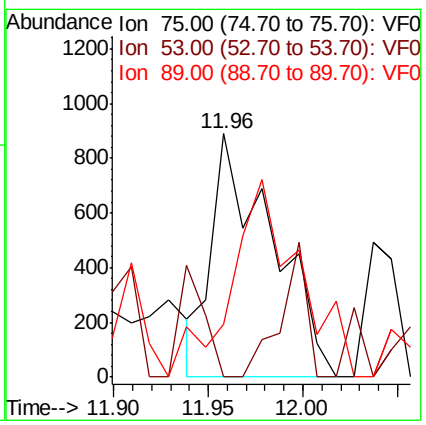


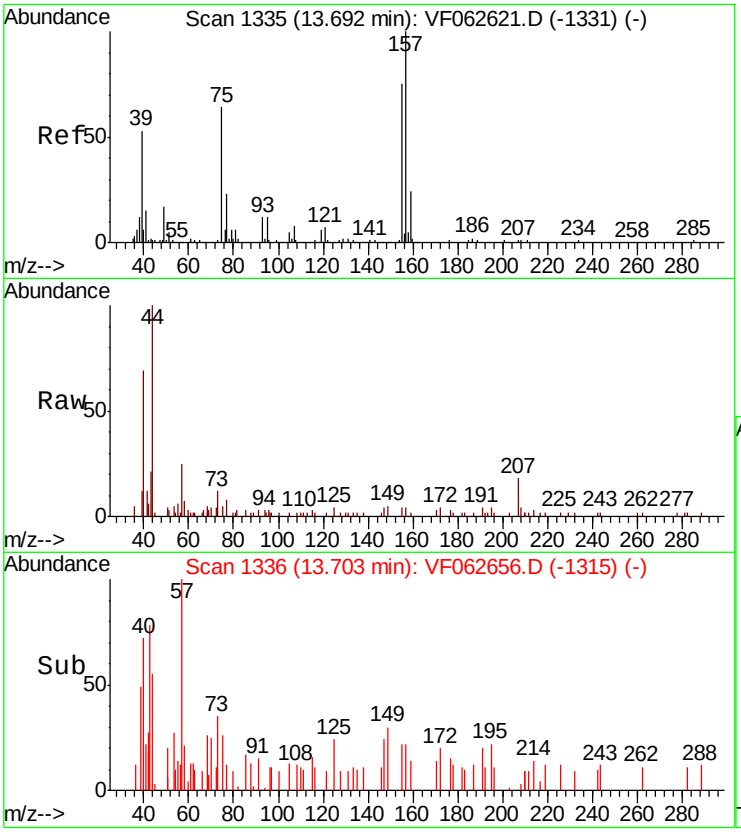


#81
trans-1,4-Dichloro-2-butene
Concen: 1.215 ug/l
RT: 11.96 min Scan# 1159
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion: 75 Resp: 1988

Ion	Ratio	Lower	Upper
75	100		
53	0.0	46.9	70.3#
89	21.5	36.4	54.6#



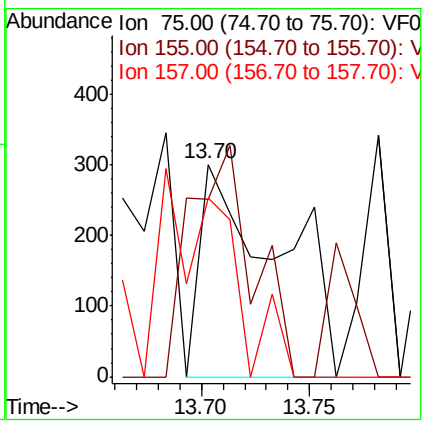


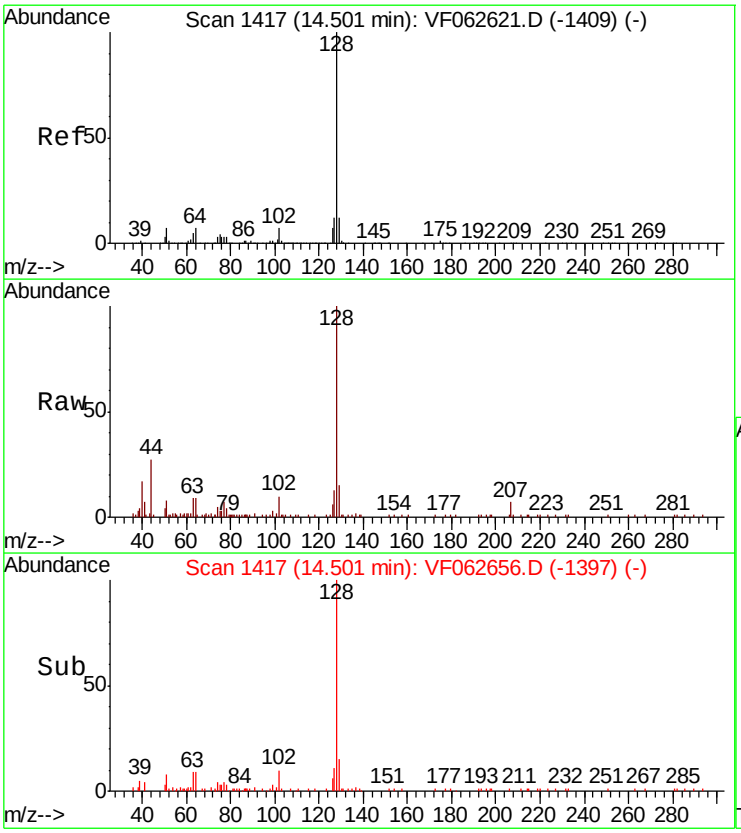
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.143 ug/l
RT: 13.70 min Scan# 1336
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion: 75 Resp: 764

Ion	Ratio	Lower	Upper
75	100		
155	83.7	58.1	174.3
157	84.4	77.8	233.4





#95
Naphthalene
Concen: 1.805 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion:128 Resp: 25789

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.7	14.5
129	14.6	9.3	13.9#