Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021219\
Data File : VF061615.D
Acq On : 12 Feb 2019 18:11
Operator : VA/AP
Sample : K1343-17
Misc : 6.45g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-I

Quant Time: Feb 13 02:50:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	95253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	147543	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	109898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	36781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	41749	35.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.00%			
35) Dibromofluoromethane	4.11	113	49601	42.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.20%			
50) Toluene-d8	7.55	98	121838	38.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.40%			
62) 4-Bromofluorobenzene	11.40	95	42942	28.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 57.62%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	69	1.386	ug/l #	1
13) Acrolein	1.89	56	375	18.721	ug/l	97
14) Allyl chloride	2.23	41	353	Below Cal		98
15) Acrylonitrile	2.90	53	152	1.192	ug/l #	14
16) Acetone	2.24	43	8346	35.376	ug/l #	91
18) Methyl Acetate	2.31	43	3181	6.799	ug/l #	61
20) Methylene Chloride	2.17	84	5378	5.139	ug/l	91
23) Vinyl Acetate	3.18	43	377	3.474	ug/l #	78
25) 2-Butanone	4.33	43	888	2.263	ug/l #	57
29) Tetrahydrofuran	4.09	42	236	1.397	ug/l #	61
49) 1,4-Dioxane	6.68	88	62	Below Cal #		13
51) 4-Methyl-2-Pentanone	8.29	43	774	1.227	ug/l	94
84) 1,2,4-Trimethylbenzene	12.20	105	6370	2.562	ug/l	99
95) Naphthalene	14.45	128	3894	2.476	ug/l #	87

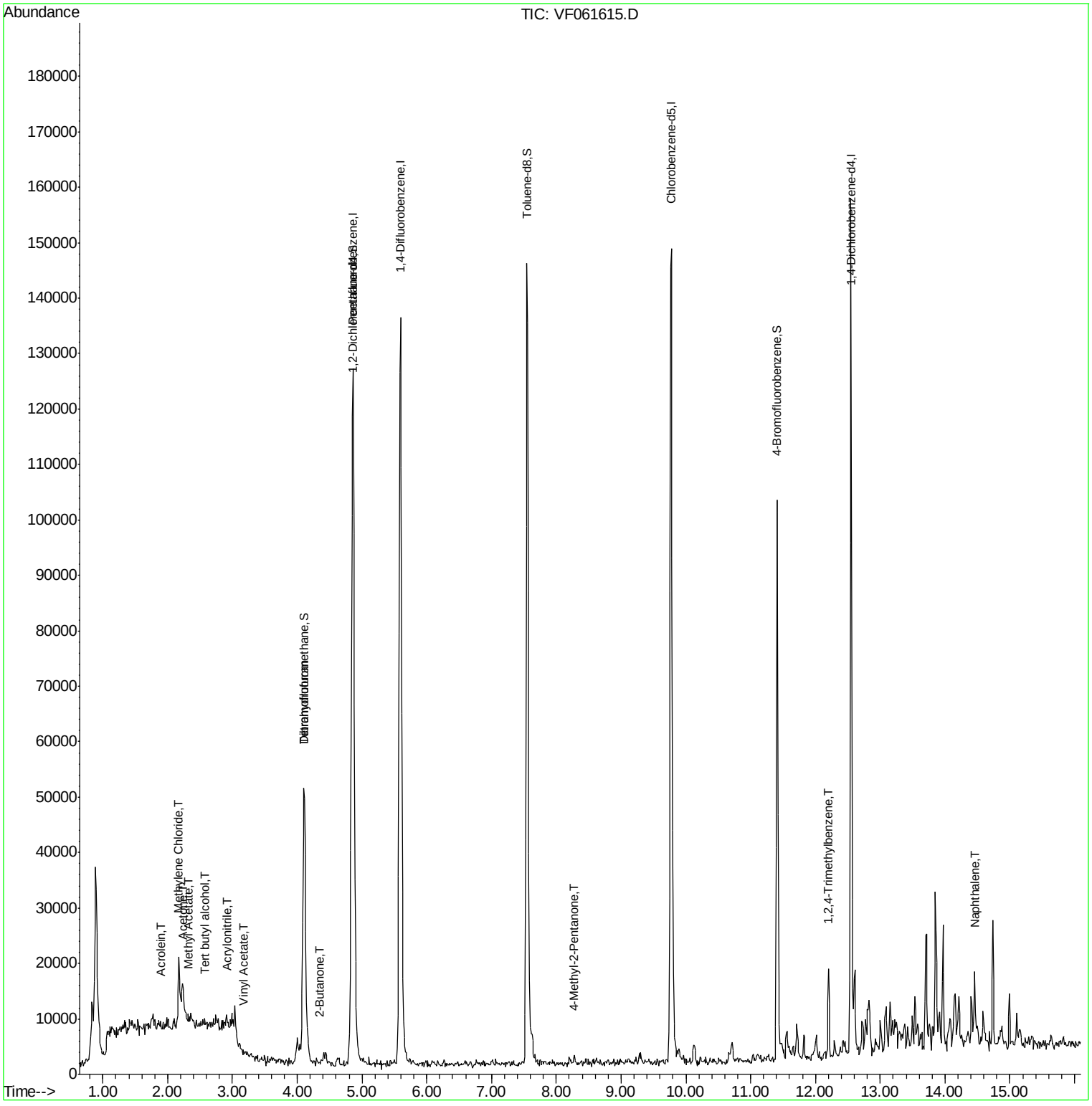
(#) = qualifier out of range (m) = manual integration (+) = signals summed

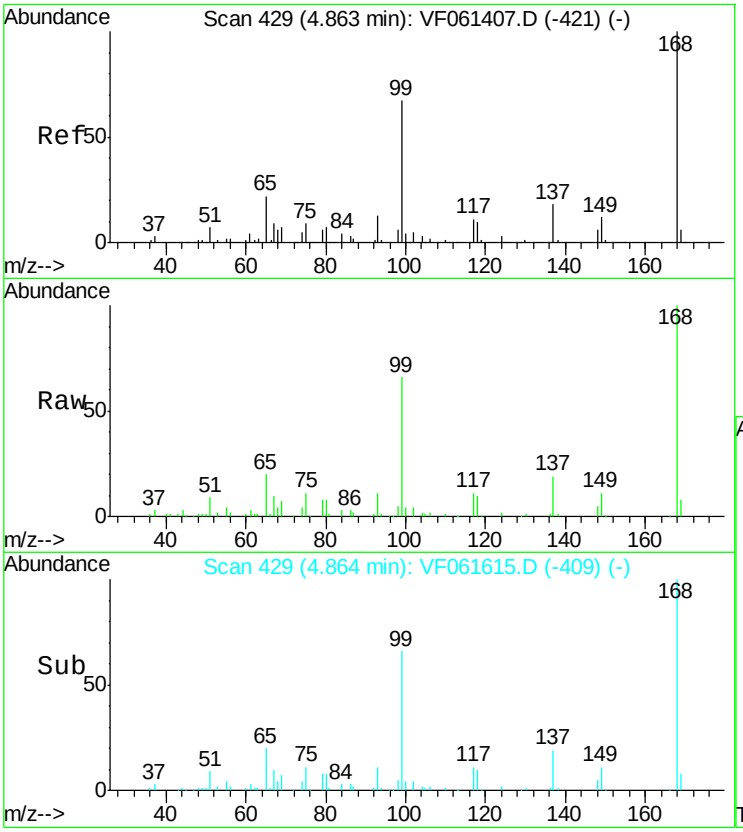
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061615.D
Acq On : 12 Feb 2019 18:11
Operator : VA/AP
Sample : K1343-17
Misc : 6.45g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-I

Quant Time: Feb 13 02:50:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



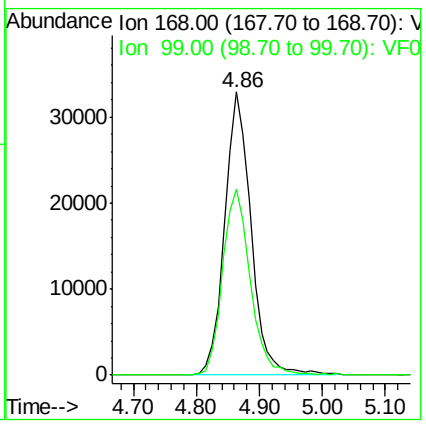


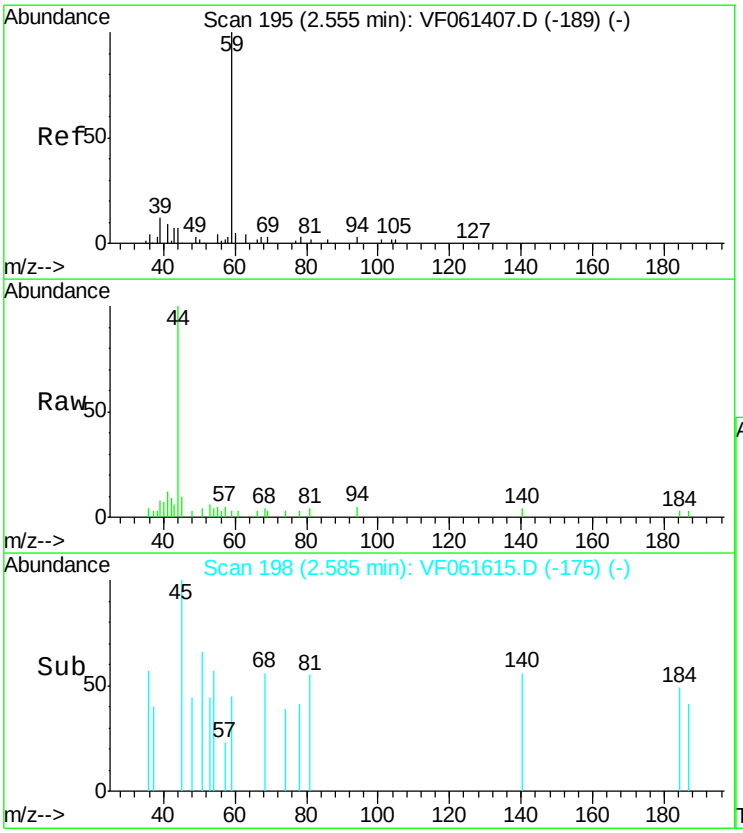
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion:168 Resp: 95253

Ion	Ratio	Lower	Upper
168	100		
99	65.6	53.5	80.3

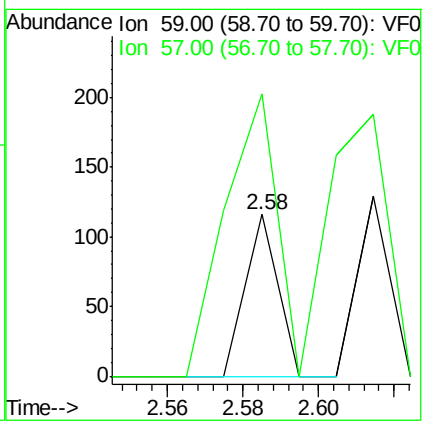


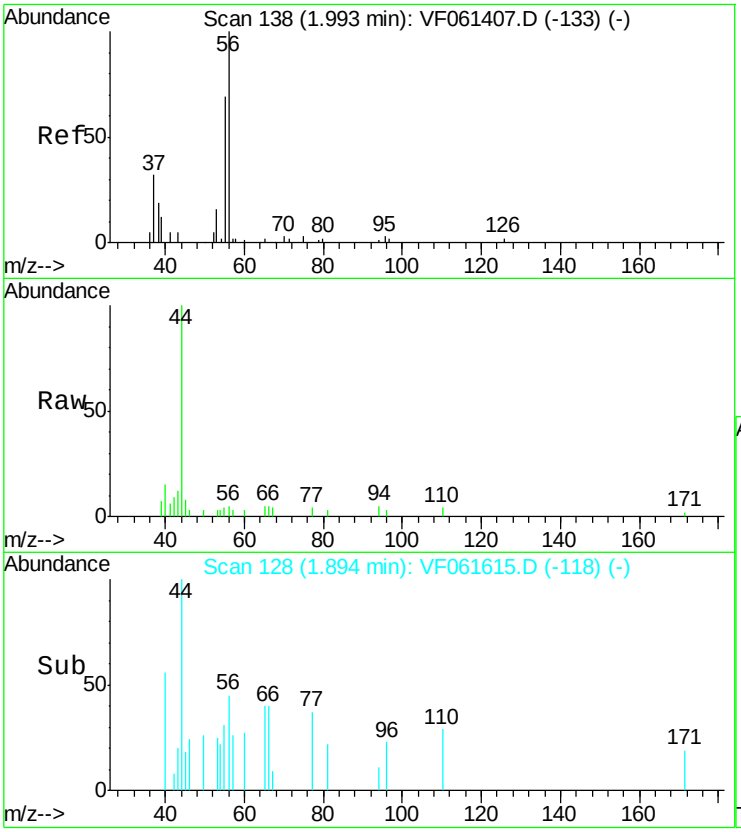


#11
Tert butyl alcohol
Concen: 1.386 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Tgt Ion: 59 Resp: 69

Ion	Ratio	Lower	Upper
59	100		
57	175.0	11.9	17.9#



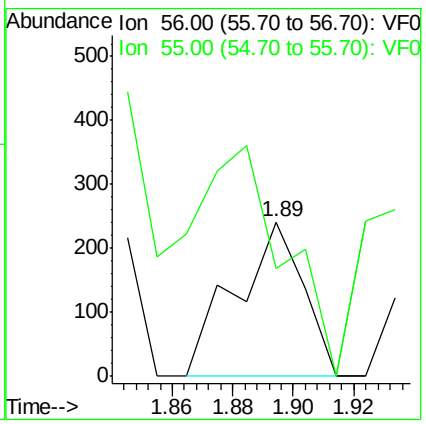


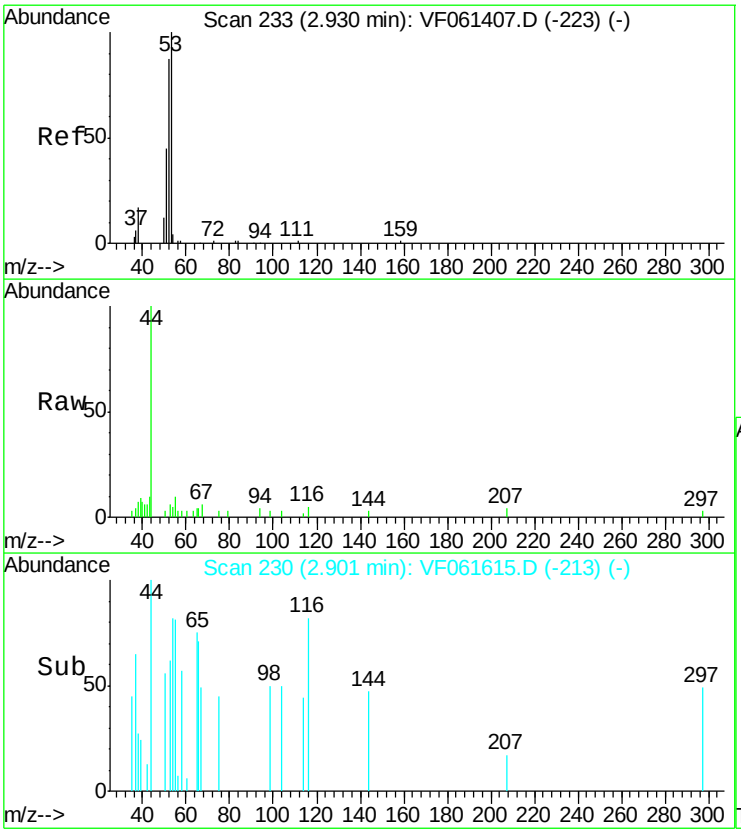
#13
Acrolein
Concen: 18.721 ug/l
RT: 1.89 min Scan# 128
Delta R.T. -0.10 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion: 56 Resp: 375

Ion	Ratio	Lower	Upper
56	100		
55	69.6	57.5	86.3

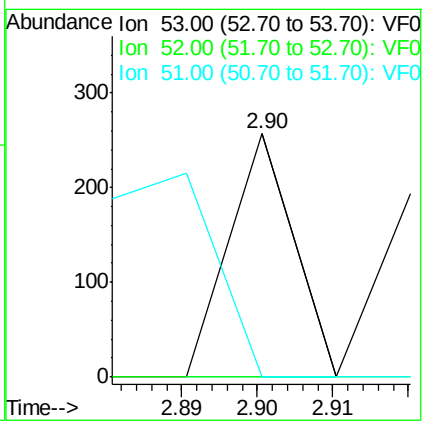


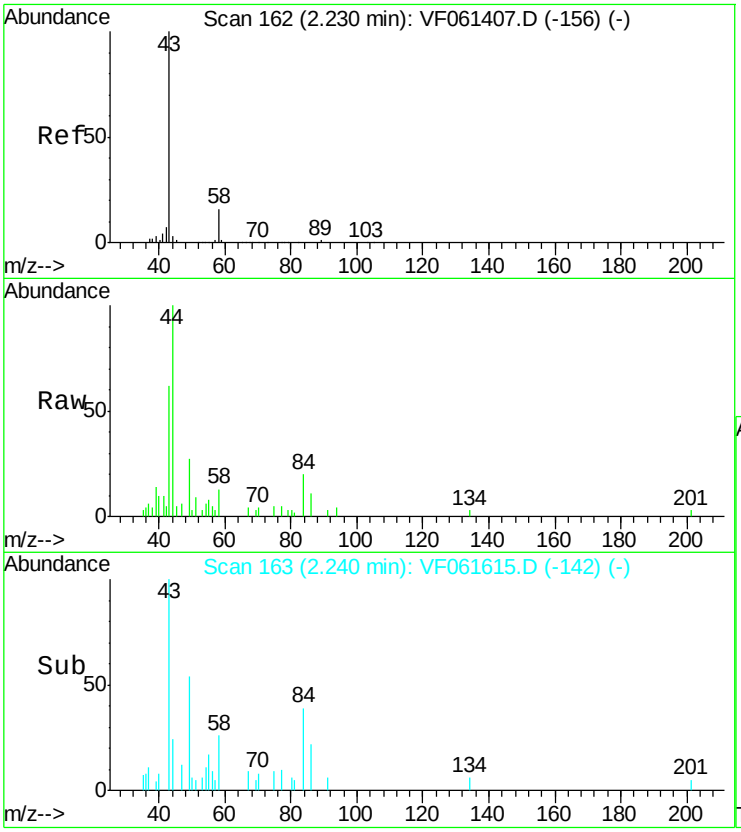


#15
Acrylonitrile
Concen: 1.192 ug/l
RT: 2.90 min Scan# 230
Delta R.T. -0.03 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Tgt Ion: 53 Resp: 152

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.6	104.4#
51	0.0	36.8	55.2#



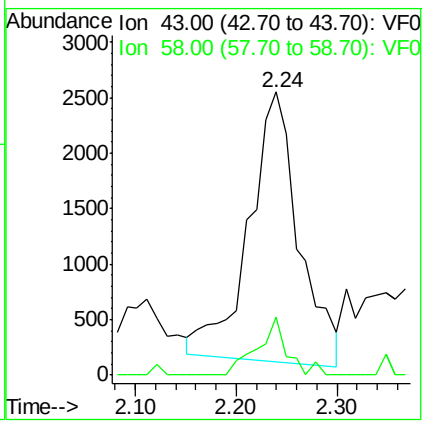


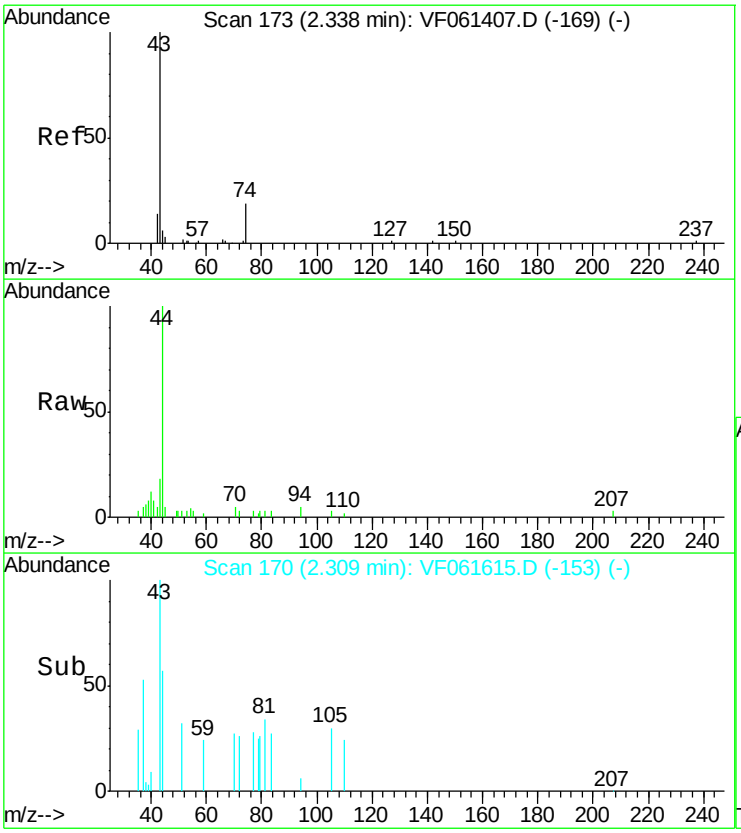
#16
Acetone
Concen: 35.376 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-I

Tgt Ion: 43 Resp: 8346

Ion	Ratio	Lower	Upper
43	100		
58	20.7	13.3	19.9#

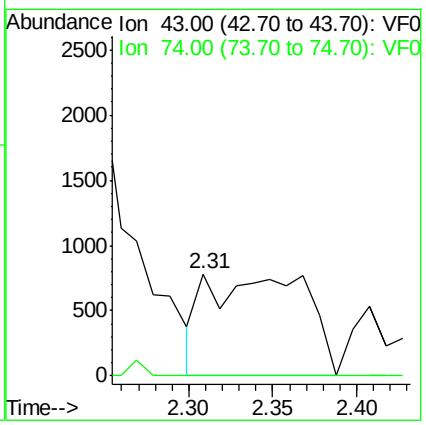


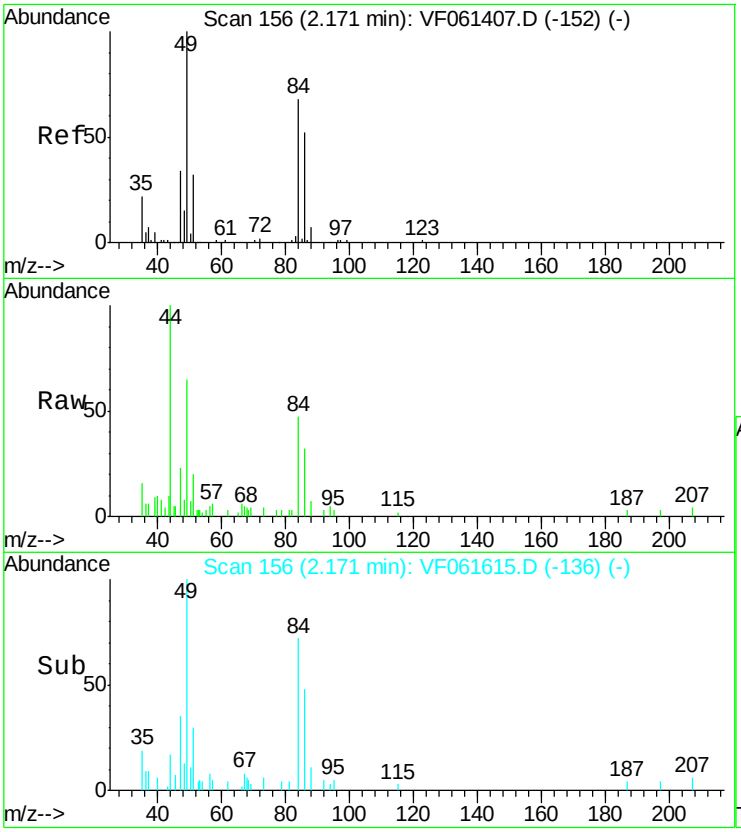


#18
Methyl Acetate
Concen: 6.799 ug/l
RT: 2.31 min Scan# 170
Delta R.T. -0.03 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Tgt Ion: 43 Resp: 3181

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#



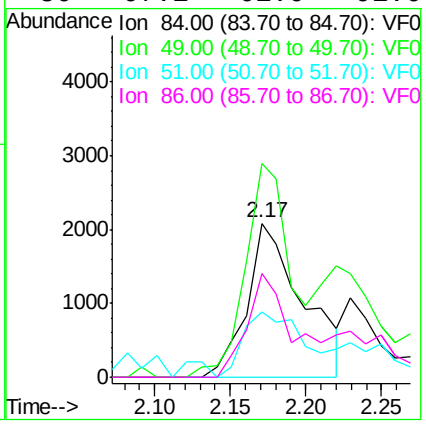


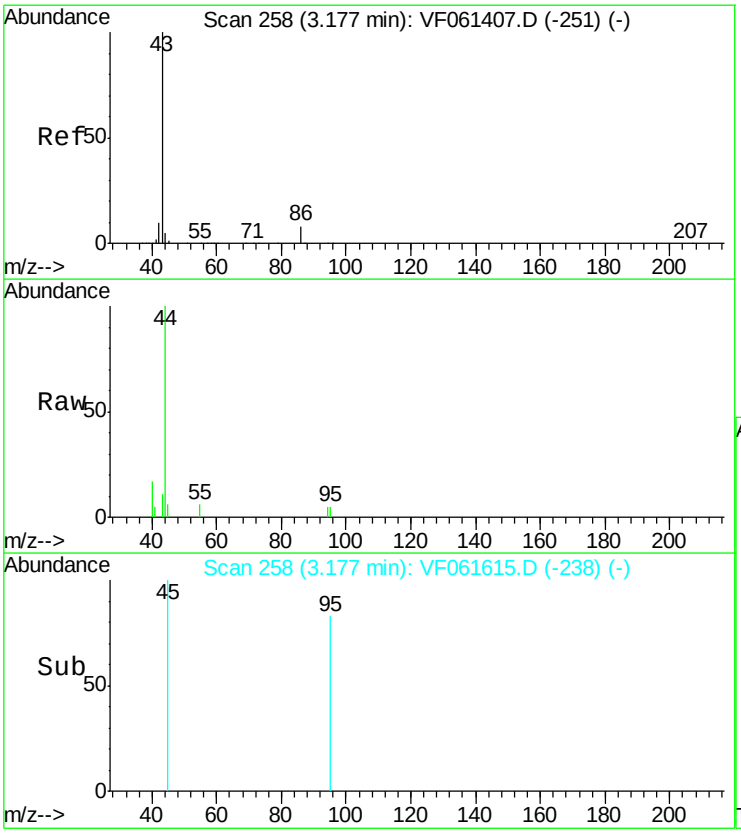
#20
Methylene Chloride
Concen: 5.139 ug/l
RT: 2.17 min Scan# 156
Delta R.T. 0.00 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-I

Tgt Ion: 84 Resp: 5378

Ion	Ratio	Lower	Upper
84	100		
49	138.7	120.0	180.0
51	42.2	38.6	58.0
86	67.1	61.0	91.6

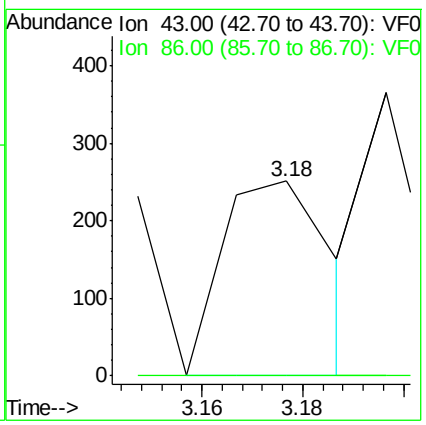


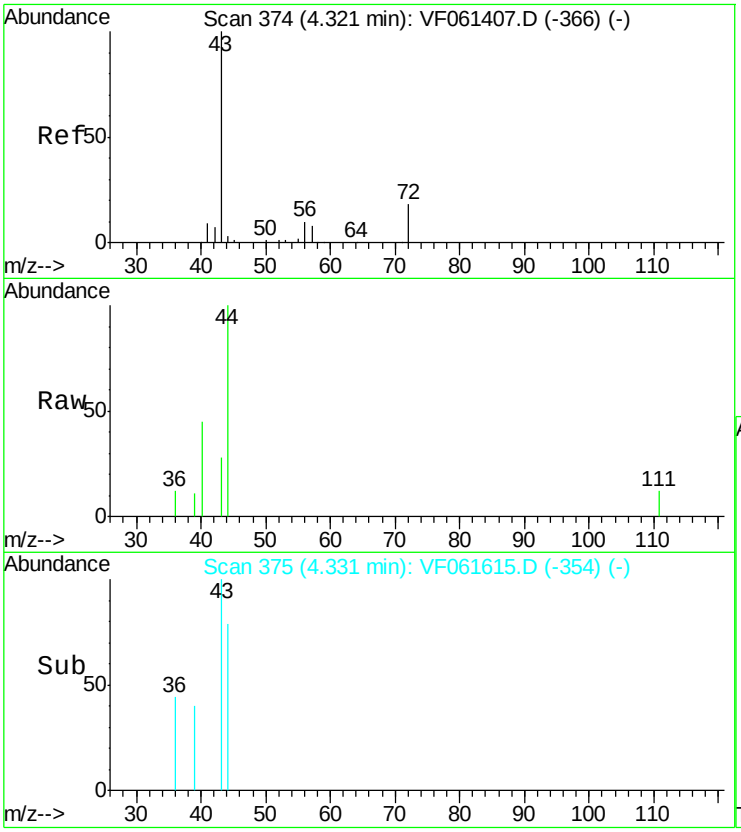


#23
Vinyl Acetate
Concen: 3.474 ug/l
RT: 3.18 min Scan# 258
Delta R.T. 0.00 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Tgt Ion: 43 Resp: 377

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#



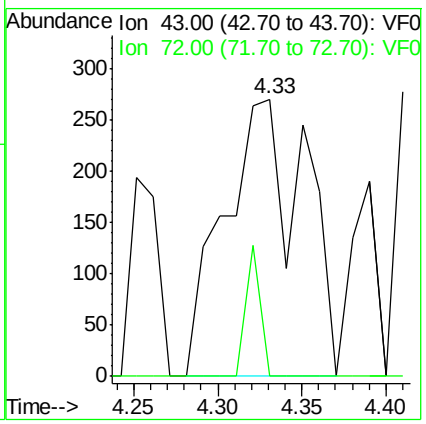


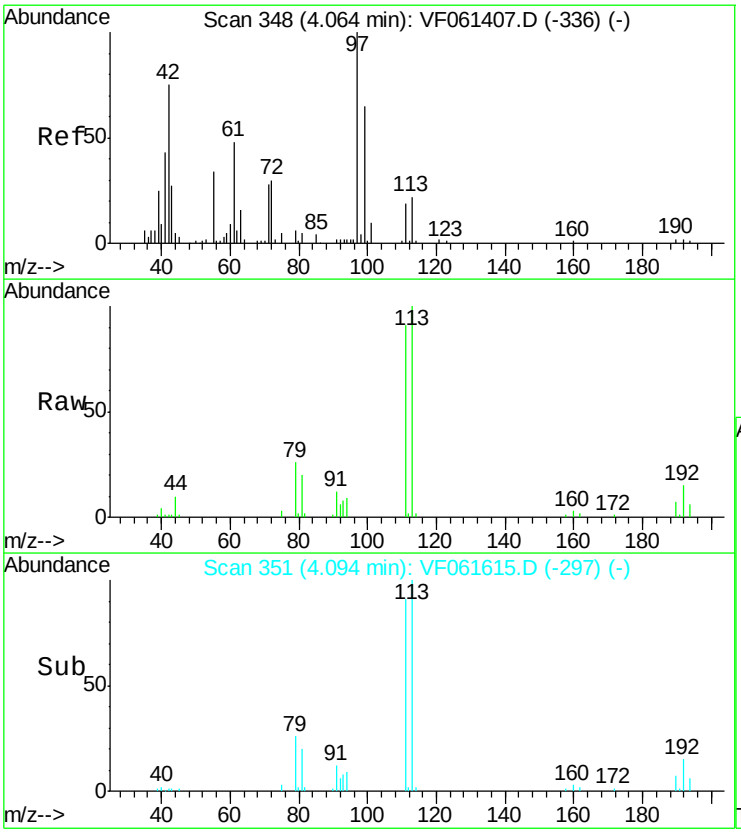
#25
2-Butanone
Concen: 2.263 ug/l
RT: 4.33 min Scan# 375
Delta R.T. 0.01 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-I

Tgt Ion: 43 Resp: 888

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#

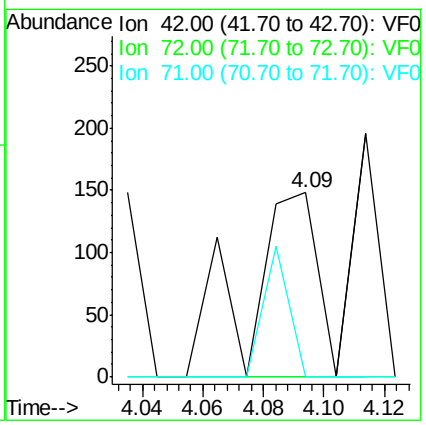


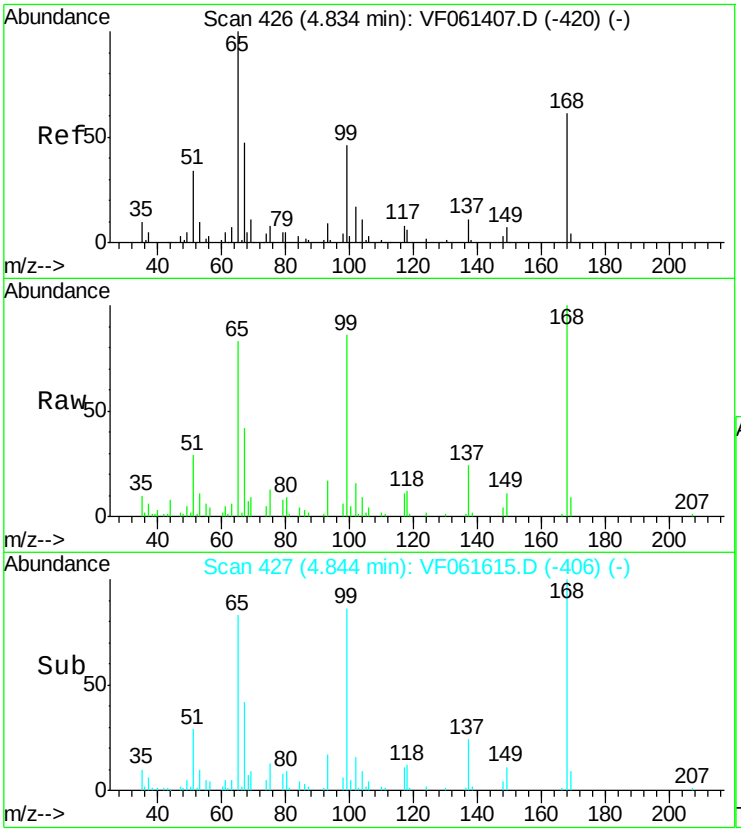


#29
Tetrahydrofuran
Concen: 1.397 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.03 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Tgt Ion: 42 Resp: 236

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.9	43.3#
71	26.3	29.6	44.4#



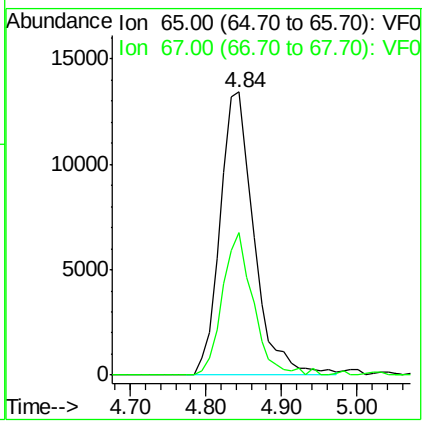


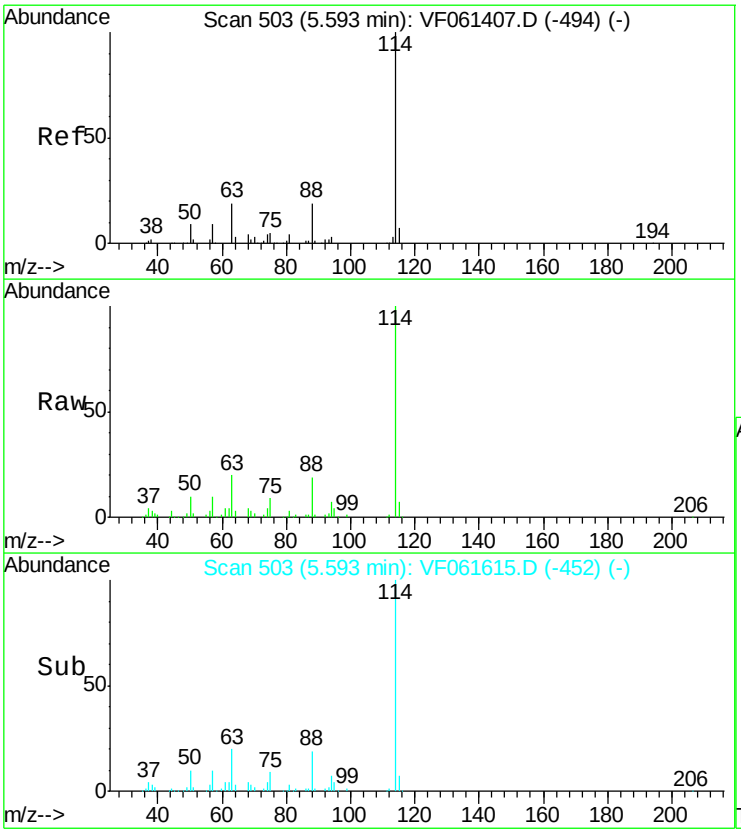
#33
1,2-Dichloroethane-d4
Concen: 35.500 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion: 65 Resp: 41749

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.8

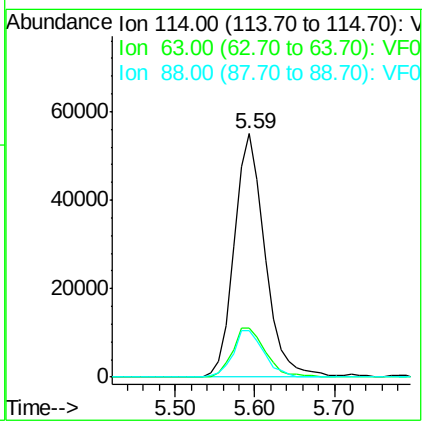


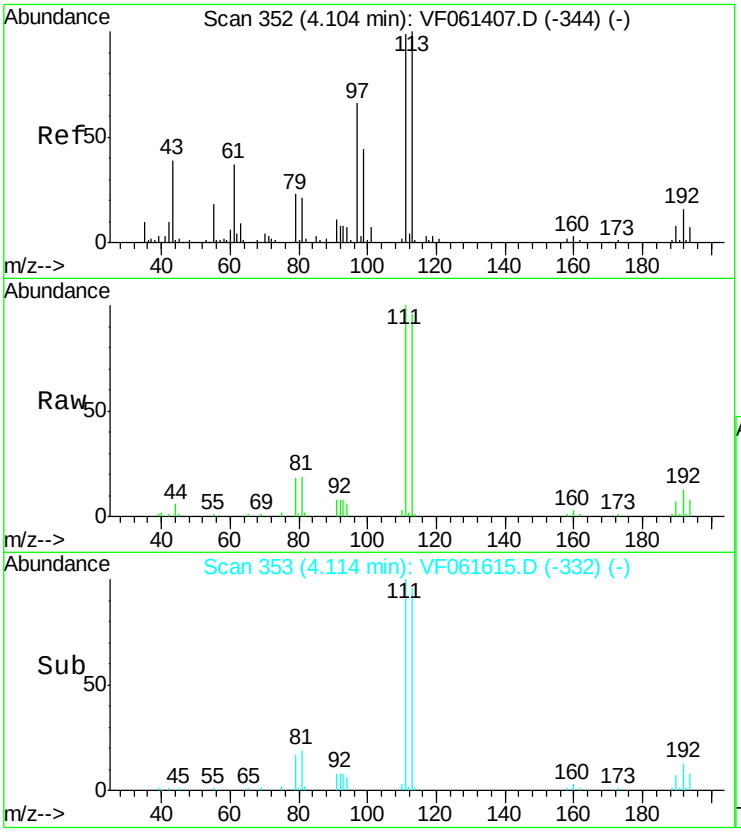


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. 0.00 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Tgt Ion:114 Resp: 147543

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	19.3	0.0	37.4



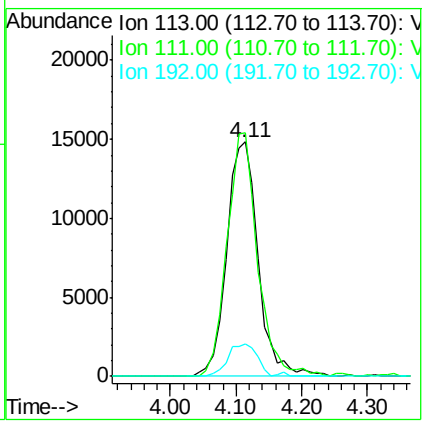


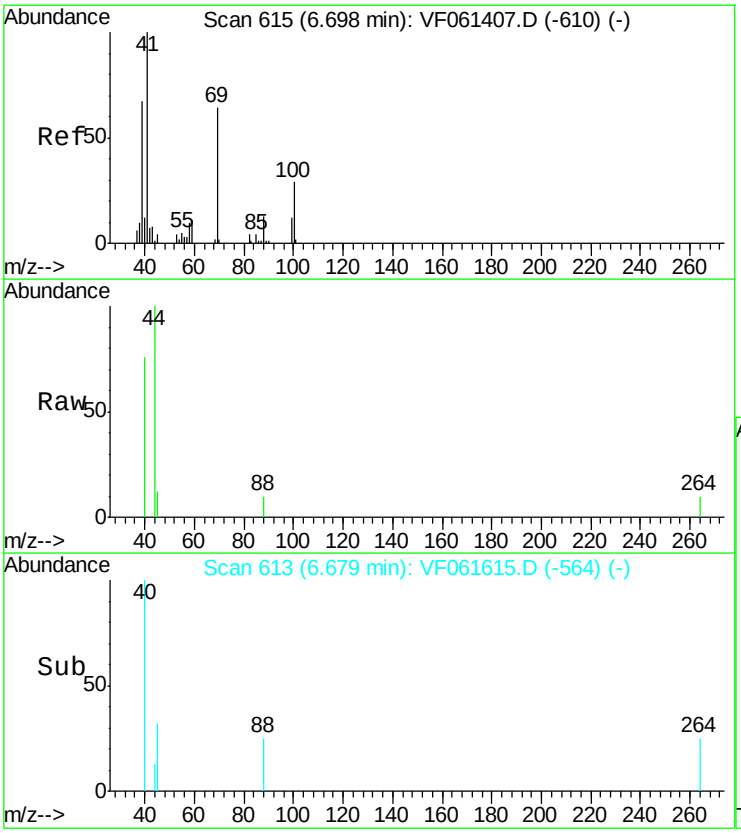
#35
Dibromofluoromethane
Concen: 42.604 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion:113 Resp: 49601

Ion	Ratio	Lower	Upper
113	100		
111	103.8	79.4	119.0
192	14.1	12.4	18.6

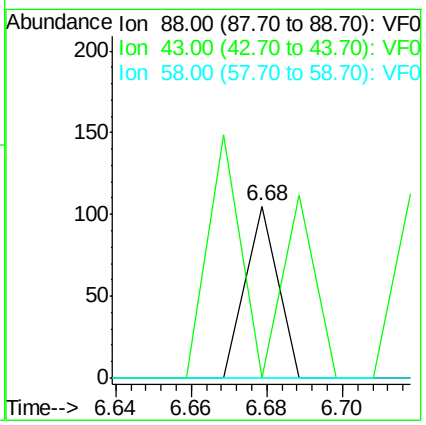


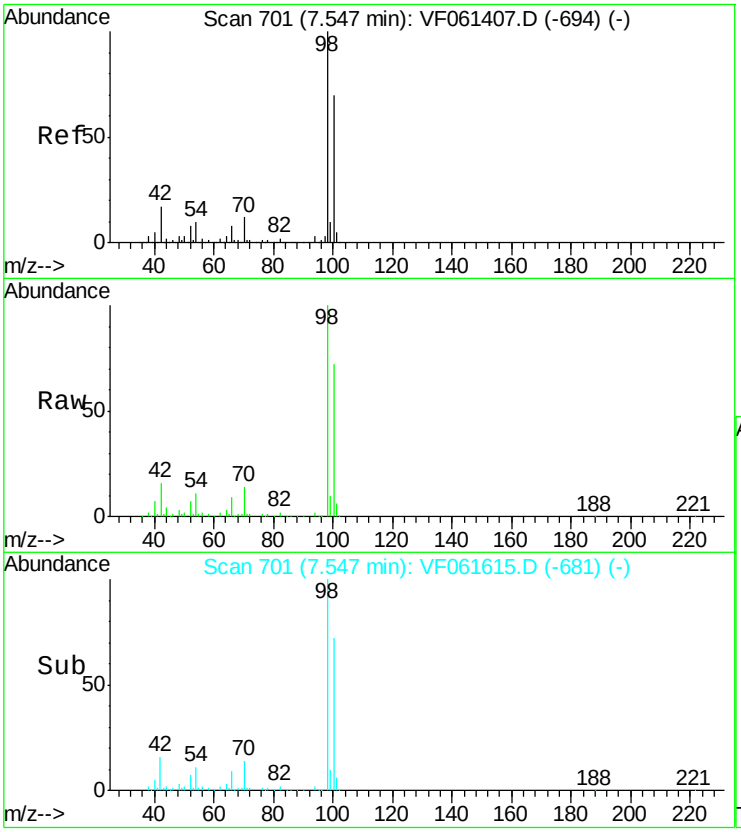


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.68 min Scan# 613
Delta R.T. -0.02 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	0.0	55.5	83.3#
58	0.0	59.9	89.9#



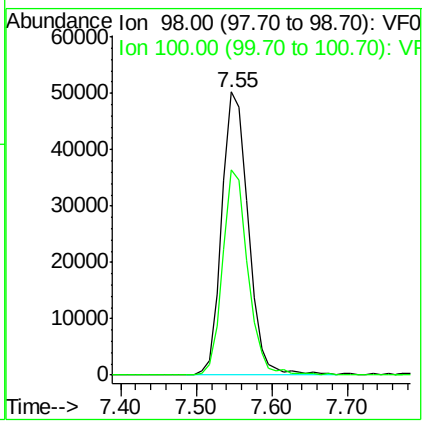


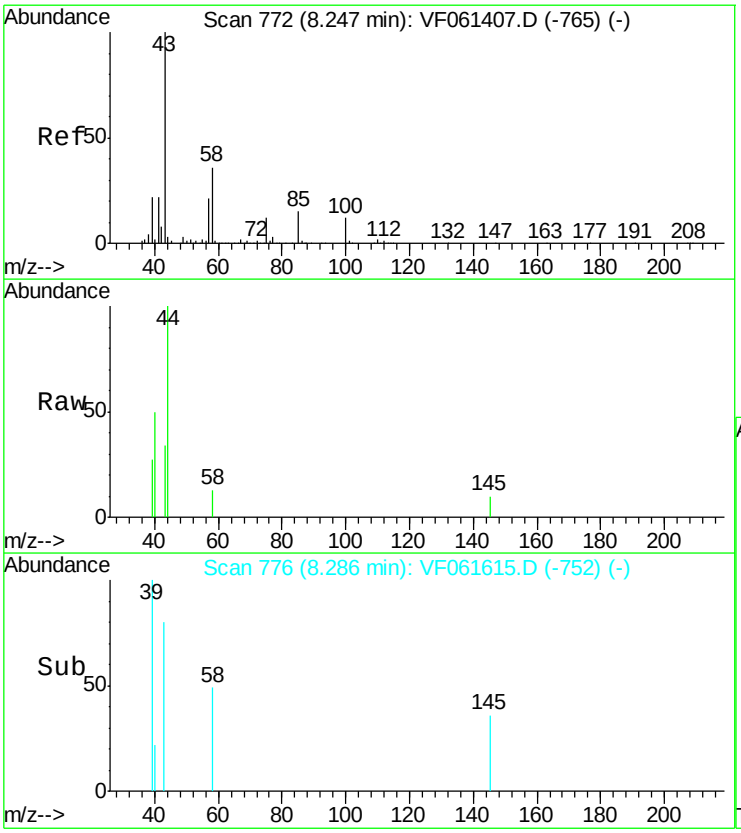
#50
Toluene-d8
Concen: 38.196 ug/l
RT: 7.55 min Scan# 701
Delta R.T. 0.00 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion: 98 Resp: 121838

Ion	Ratio	Lower	Upper
98	100		
100	72.4	55.6	83.4

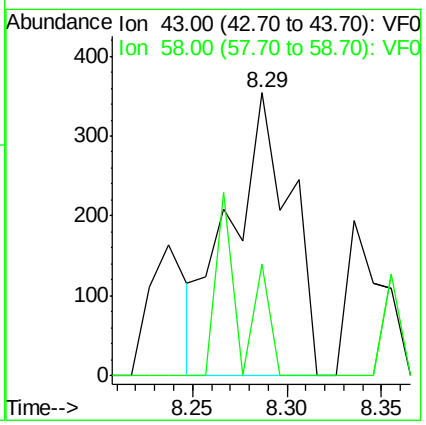


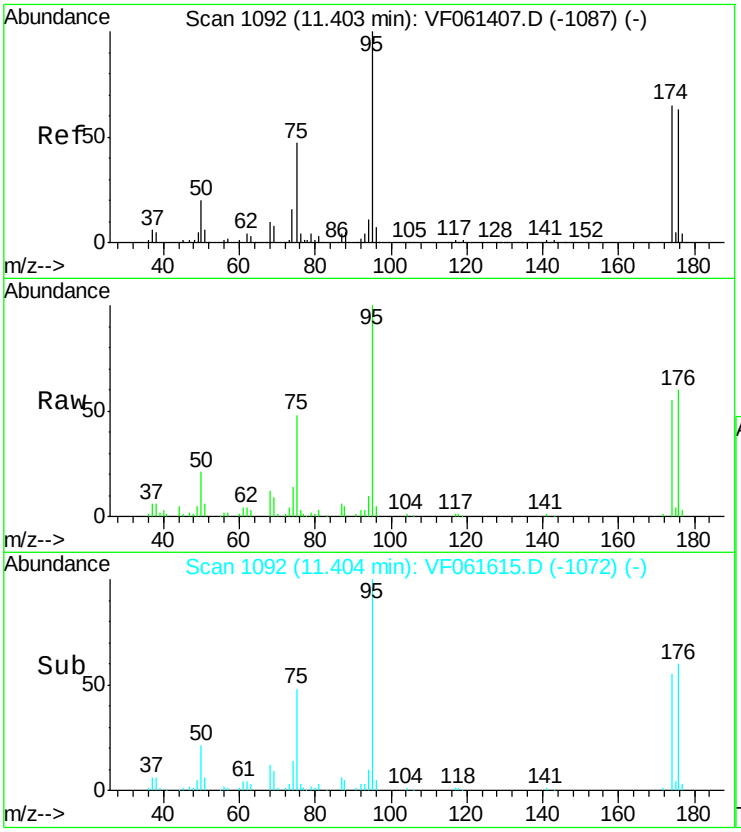


#51
4-Methyl-2-Pentanone
Concen: 1.227 ug/l
RT: 8.29 min Scan# 776
Delta R.T. 0.04 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Tgt Ion: 43 Resp: 774

Ion	Ratio	Lower	Upper
43	100		
58	39.5	28.8	43.2



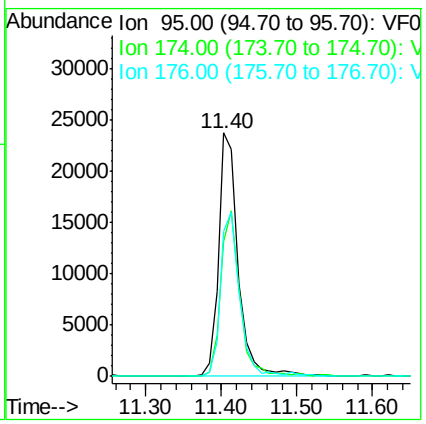


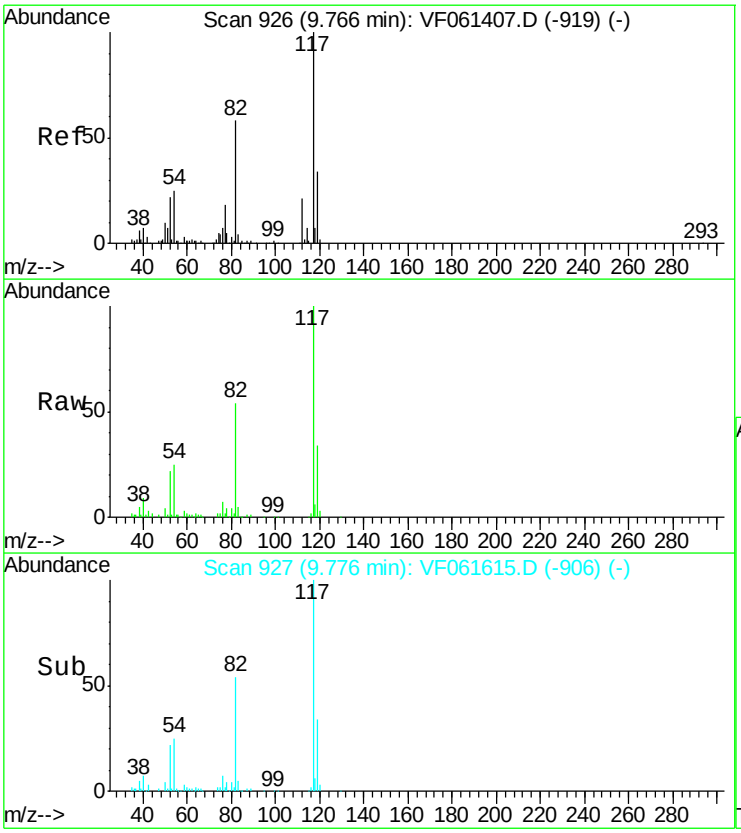
#62
4-Bromofluorobenzene
Concen: 28.813 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-I

Tgt Ion: 95 Resp: 42942

Ion	Ratio	Lower	Upper
95	100		
174	55.2	0.0	130.4
176	59.6	0.0	126.2

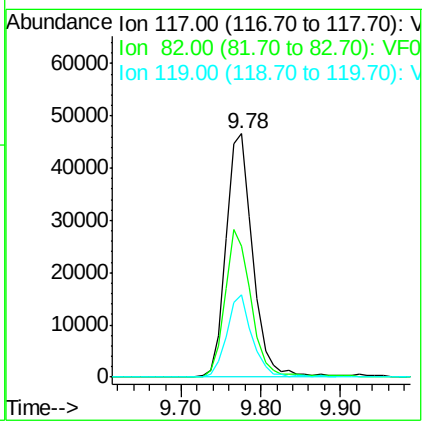


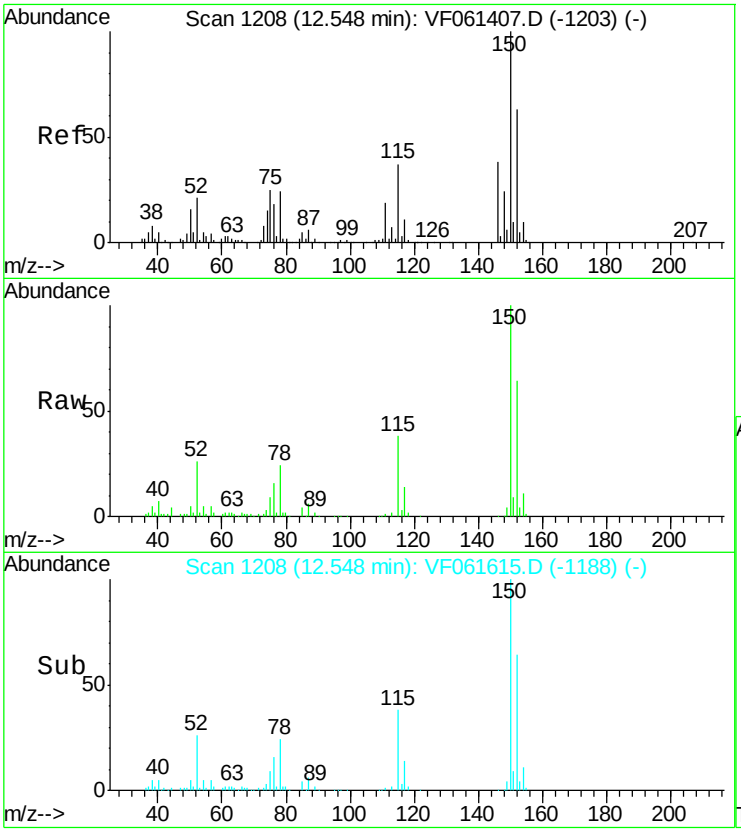


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Tgt Ion:117 Resp: 109898

Ion	Ratio	Lower	Upper
117	100		
82	54.0	46.4	69.6
119	33.9	27.2	40.8



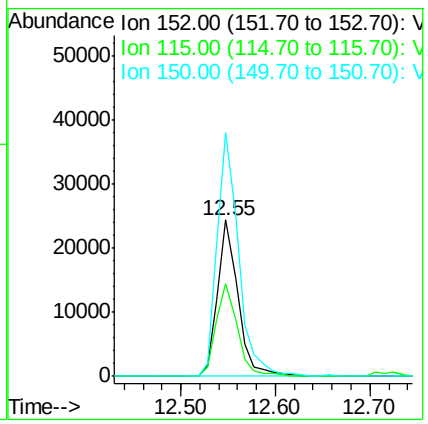


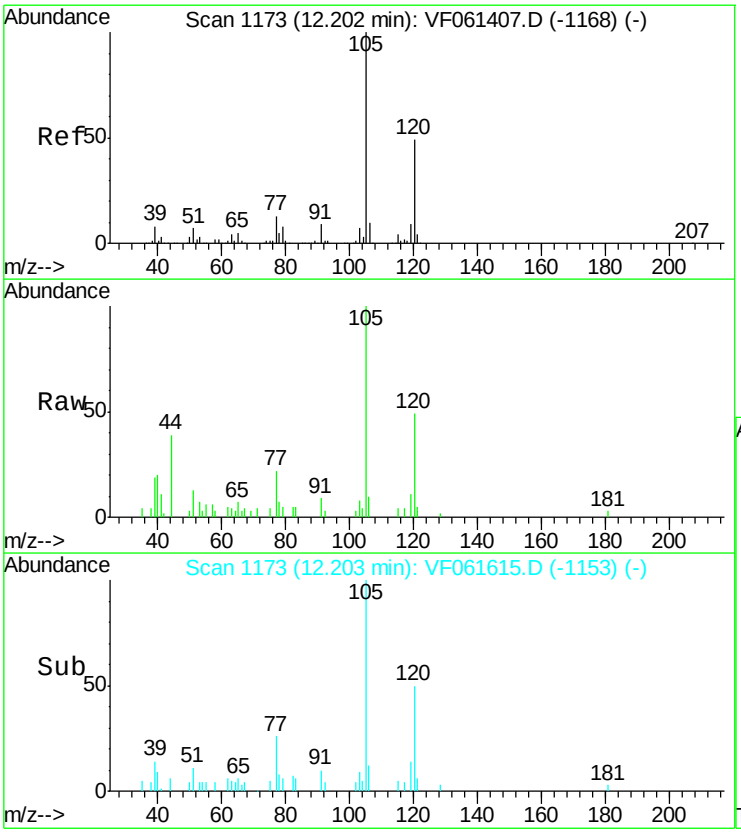
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion:152 Resp: 36781

Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.0	90.0
150	155.6	0.0	321.4

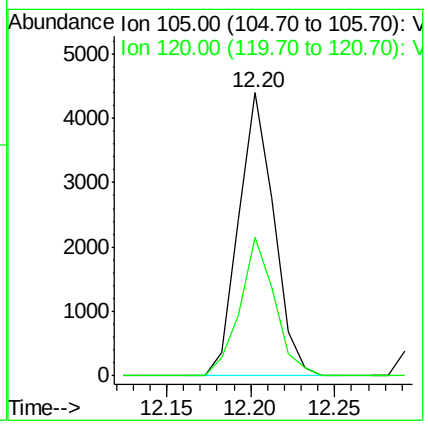


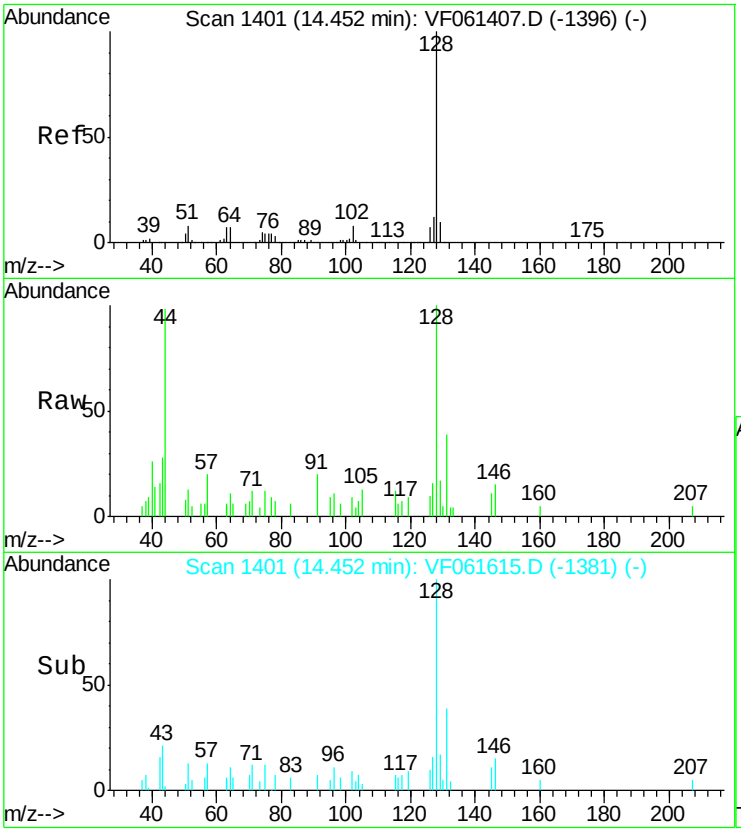


#84
1,2,4-Trimethylbenzene
Concen: 2.562 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Tgt Ion:105 Resp: 6370

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.9	74.6





#95
Naphthalene
Concen: 2.476 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. 0.00 min
Lab File: VF061615.D
Acq: 12 Feb 2019 18:11

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-I

Tgt Ion:128 Resp: 3894

Ion	Ratio	Lower	Upper
128	100		
127	16.1	9.5	14.3#
129	16.6	8.4	12.6#