Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011819\
Data File : VF061456.D
Acq On : 18 Jan 2019 13:40
Operator : VA/AP
Sample : K1173-01RE
Misc : 3.43g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Quant Time: Jan 19 03:58:13 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	4.87	168	186421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	321810	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	304672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	157498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	113200	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.36%			
35) Dibromofluoromethane	4.11	113	126907	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.96%			
50) Toluene-d8	7.55	98	328717	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.50%			
62) 4-Bromofluorobenzene	11.41	95	155981	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.96%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	807	1.356	ug/l	54
11) Tert butyl alcohol	2.56	59	103	1.057	ug/l #	64
13) Acrolein	2.00	56	588	17.054	ug/l #	73
14) Allyl chloride	2.13	41	1404	Below Cal	#	47
15) Acrylonitrile	2.94	53	1025	4.107	ug/l #	23
16) Acetone	2.23	43	14055	30.440	ug/l	93
18) Methyl Acetate	2.37	43	1514	1.653	ug/l #	61
20) Methylene Chloride	2.24	84	5043	1.513	ug/l	91
23) Vinyl Acetate	3.18	43	1051	3.594	ug/l #	78
25) 2-Butanone	4.34	43	2787	3.630	ug/l	94
29) Tetrahydrofuran	4.09	42	807	2.441	ug/l #	63
49) 1,4-Dioxane	6.23	88	152	Below Cal	#	13
51) 4-Methyl-2-Pentanone	8.26	43	2714	1.972	ug/l	96
52) Toluene	7.62	92	9316	1.704	ug/l	86
58) 2-Chloroethyl Vinyl ether	7.28	63	131	28.133	ug/l #	47
59) 2-Hexanone	9.49	43	2712	2.826	ug/l	92

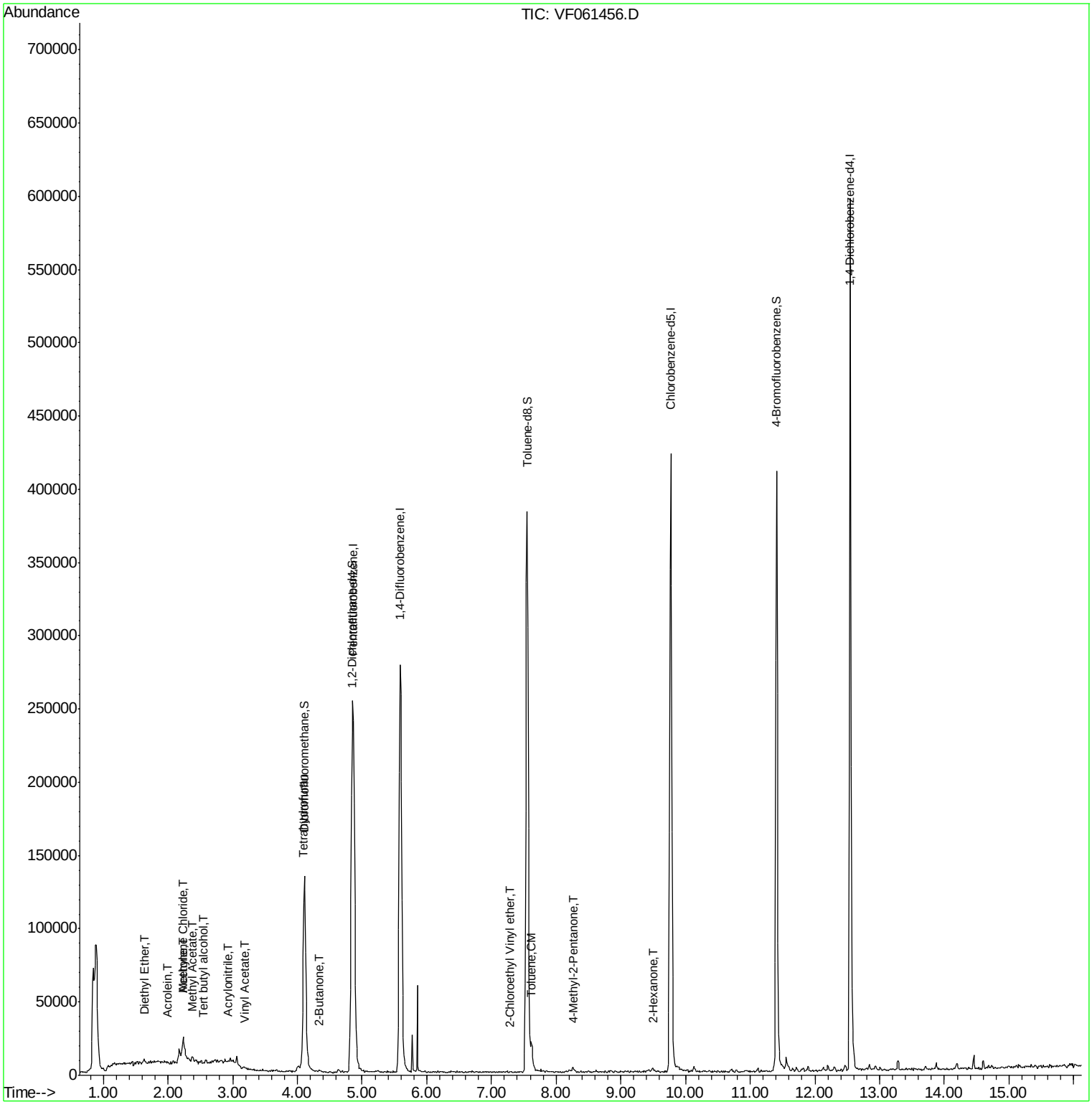
(#) = qualifier out of range (m) = manual integration (+) = signals summed

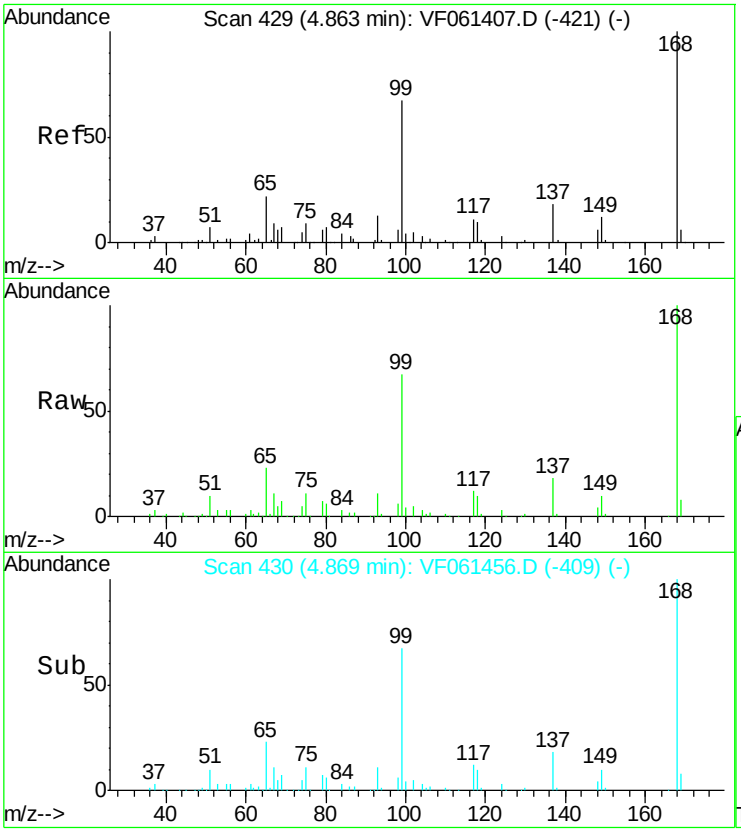
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011819\
Data File : VF061456.D
Acq On : 18 Jan 2019 13:40
Operator : VA/AP
Sample : K1173-01RE
Misc : 3.43g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Quant Time: Jan 19 03:58:13 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



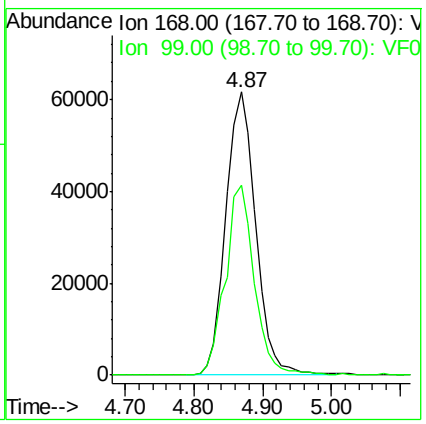


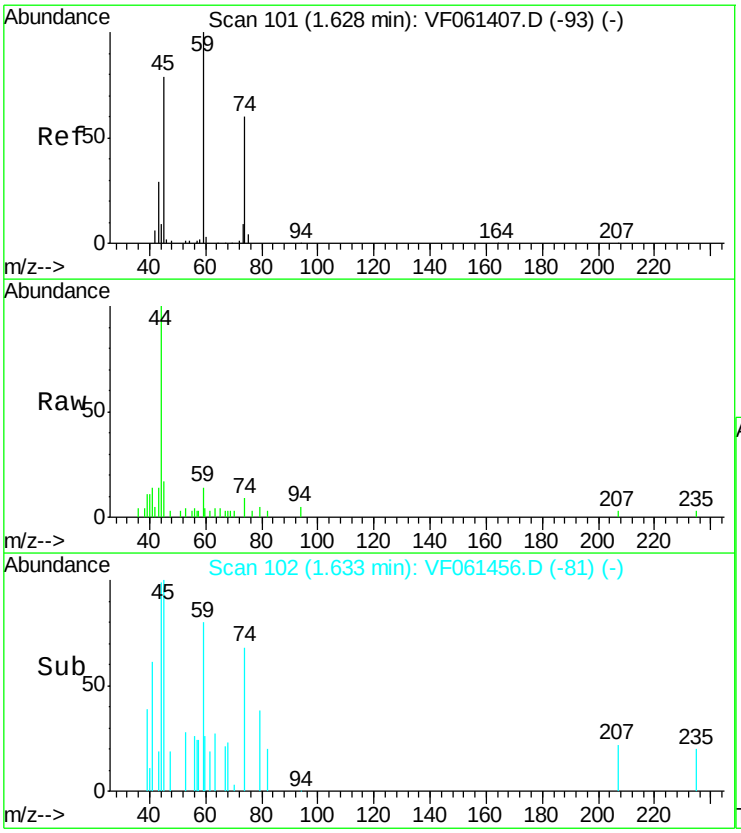
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Tgt Ion:168 Resp: 186421

Ion	Ratio	Lower	Upper
168	100		
99	67.3	53.5	80.3

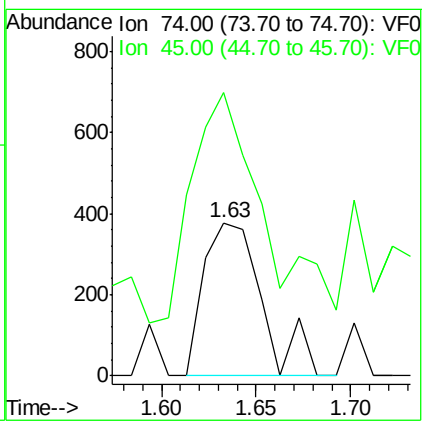


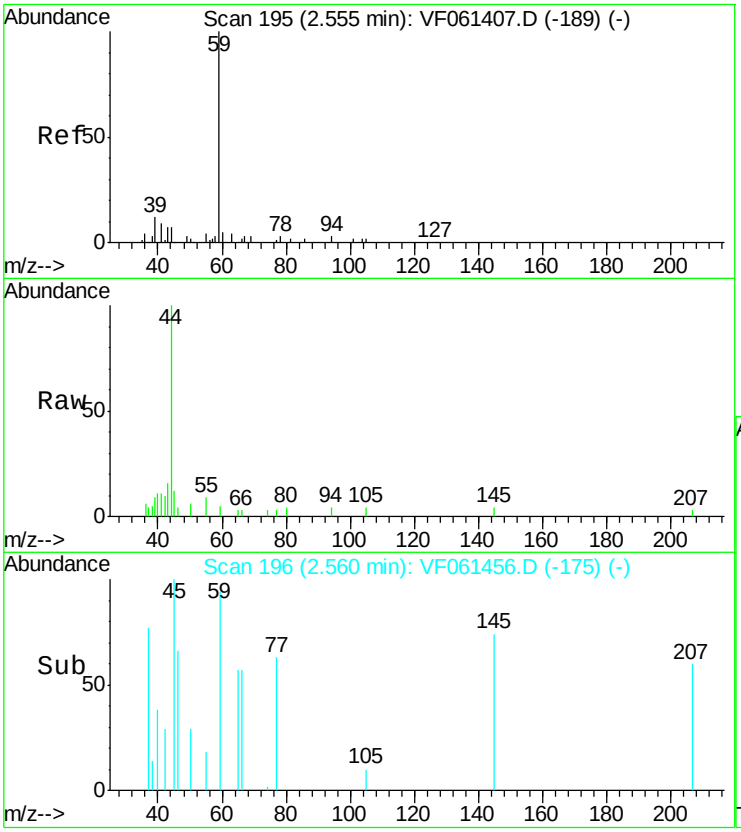


#8
Diethyl Ether
Concen: 1.356 ug/l
RT: 1.63 min Scan# 102
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 74 Resp: 807

Ion	Ratio	Lower	Upper
74	100		
45	185.1	65.8	197.5



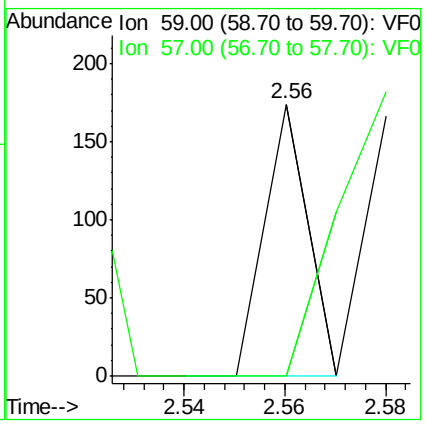


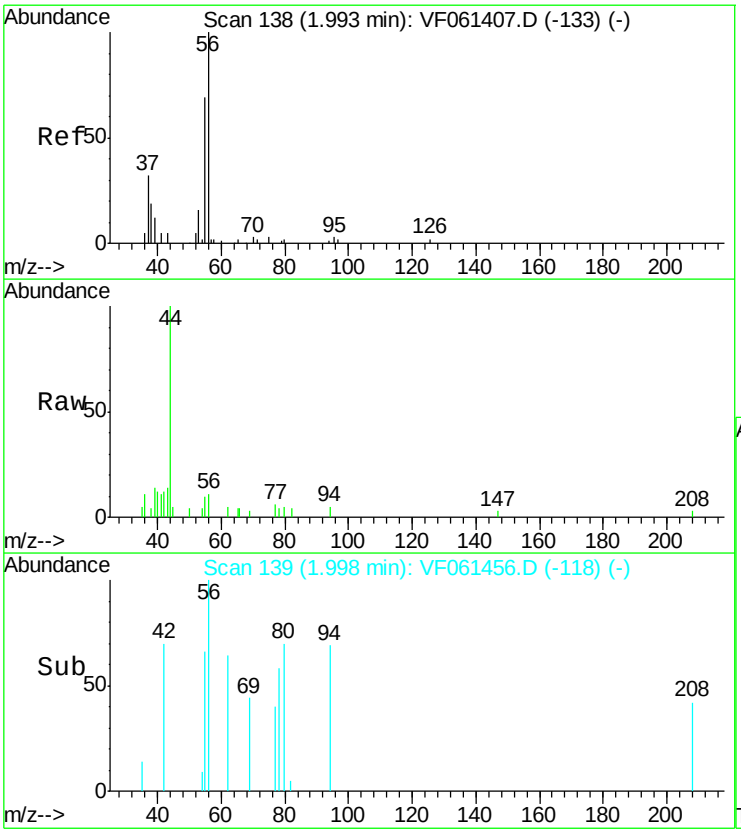
#11
Tert butyl alcohol
Concen: 1.057 ug/l
RT: 2.56 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 59 Resp: 103

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.9	17.9#

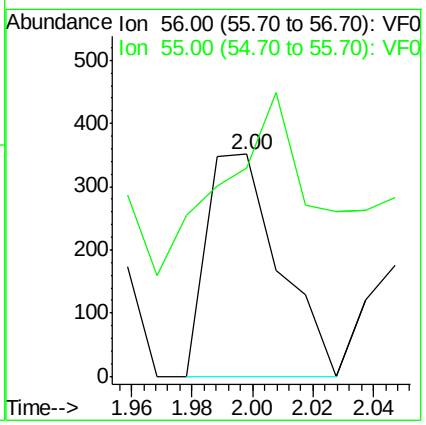


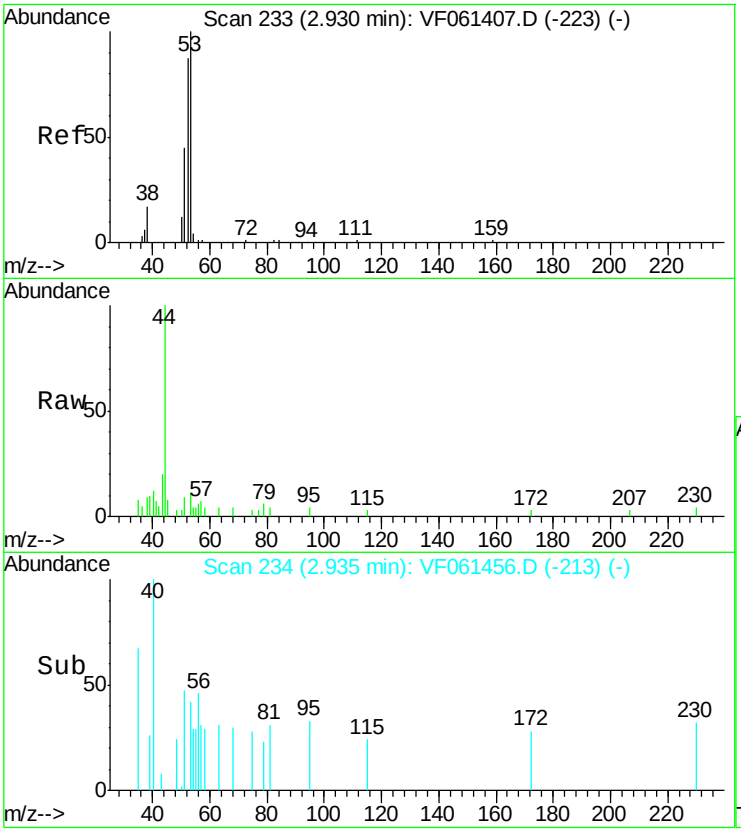


#13
Acrolein
Concen: 17.054 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 56 Resp: 588

Ion	Ratio	Lower	Upper
56	100		
55	94.0	57.5	86.3#



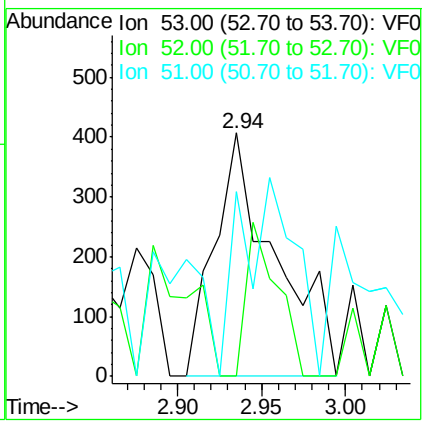


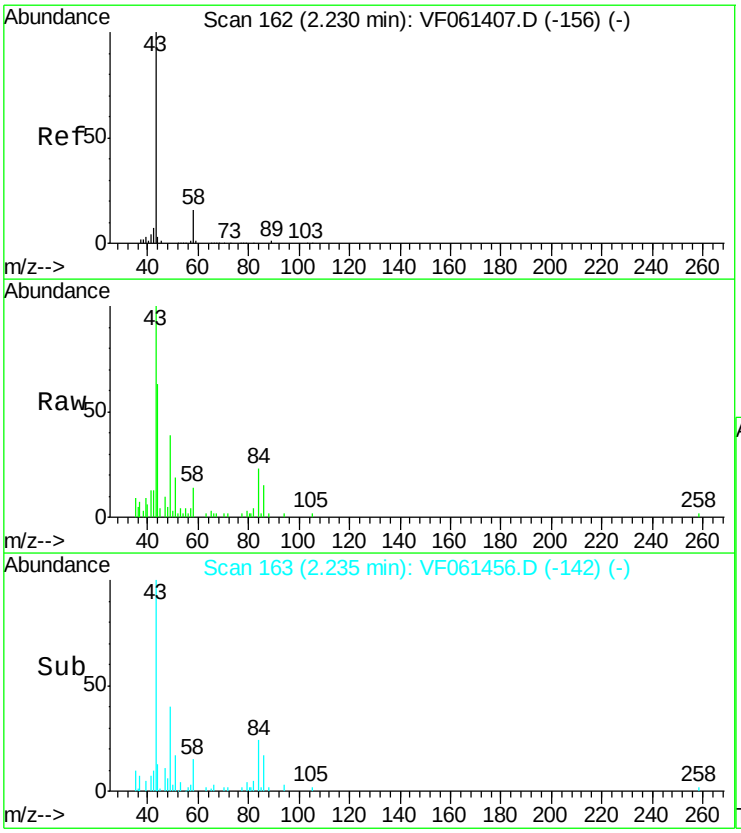
#15
Acrylonitrile
Concen: 4.107 ug/l
RT: 2.94 min Scan# 234
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 53 Resp: 1025

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.6	104.4#
51	75.9	36.8	55.2#

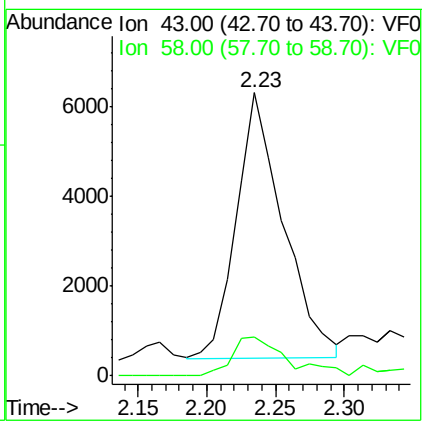


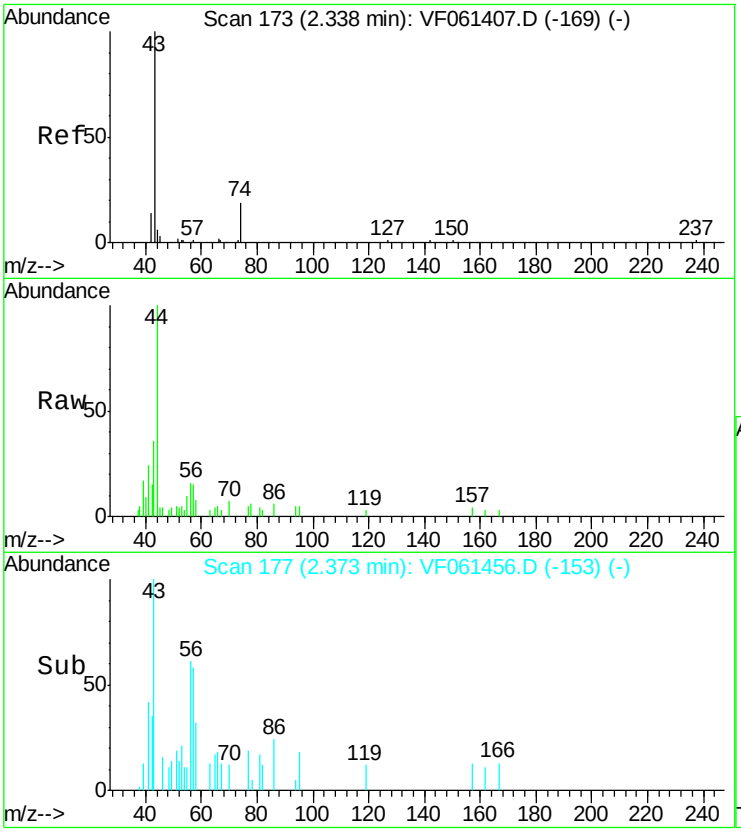


#16
Acetone
Concen: 30.440 ug/l
RT: 2.23 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 43 Resp: 14055

Ion	Ratio	Lower	Upper
43	100		
58	13.8	13.3	19.9



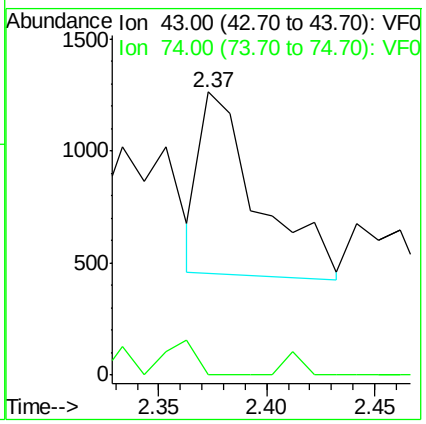


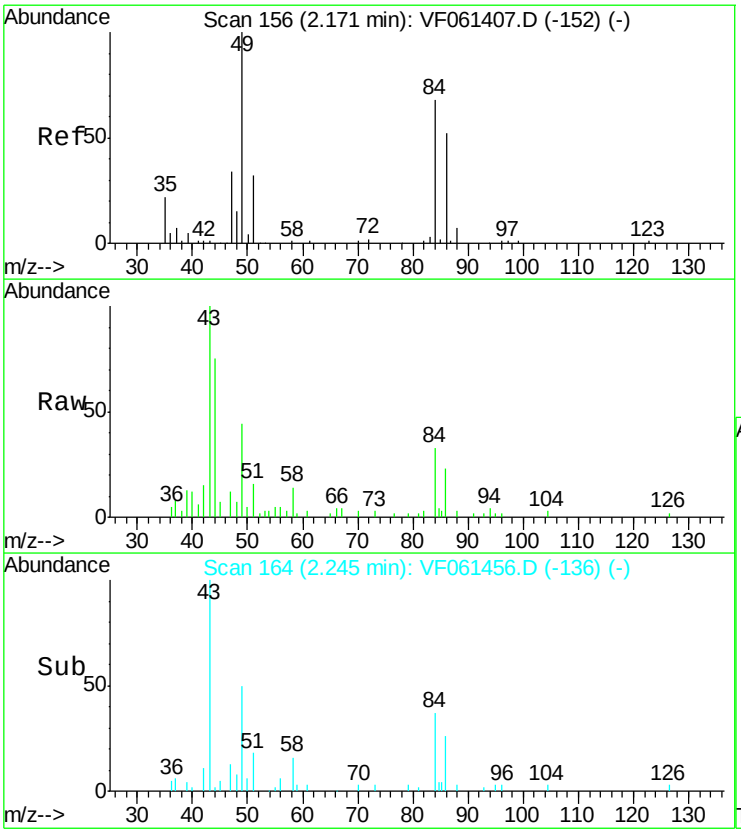
#18
Methyl Acetate
Concen: 1.653 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.03 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 43 Resp: 1514

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#

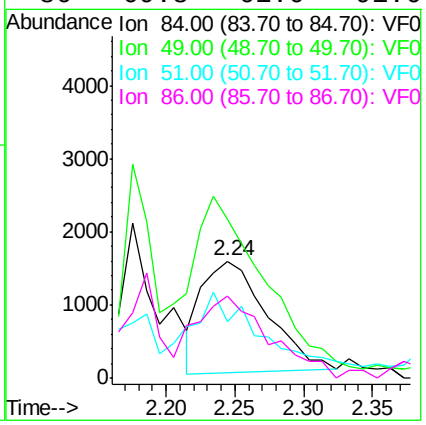


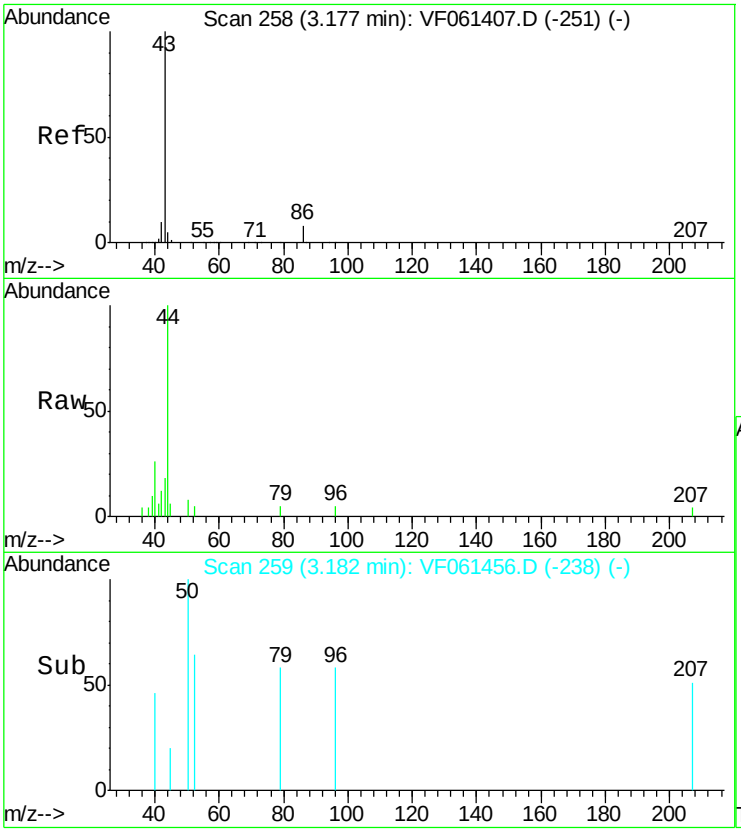


#20
Methylene Chloride
Concen: 1.513 ug/l
RT: 2.24 min Scan# 164
Delta R.T. 0.07 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 84 Resp: 5043

Ion	Ratio	Lower	Upper
84	100		
49	135.1	120.0	180.0
51	48.4	38.6	58.0
86	69.8	61.0	91.6



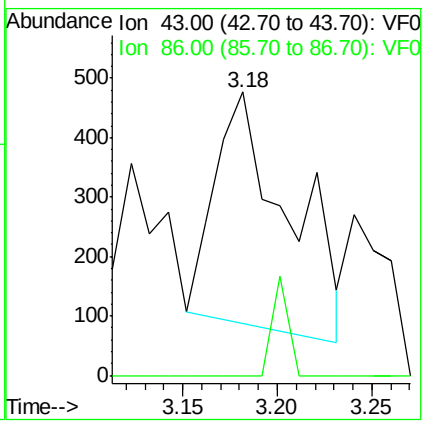


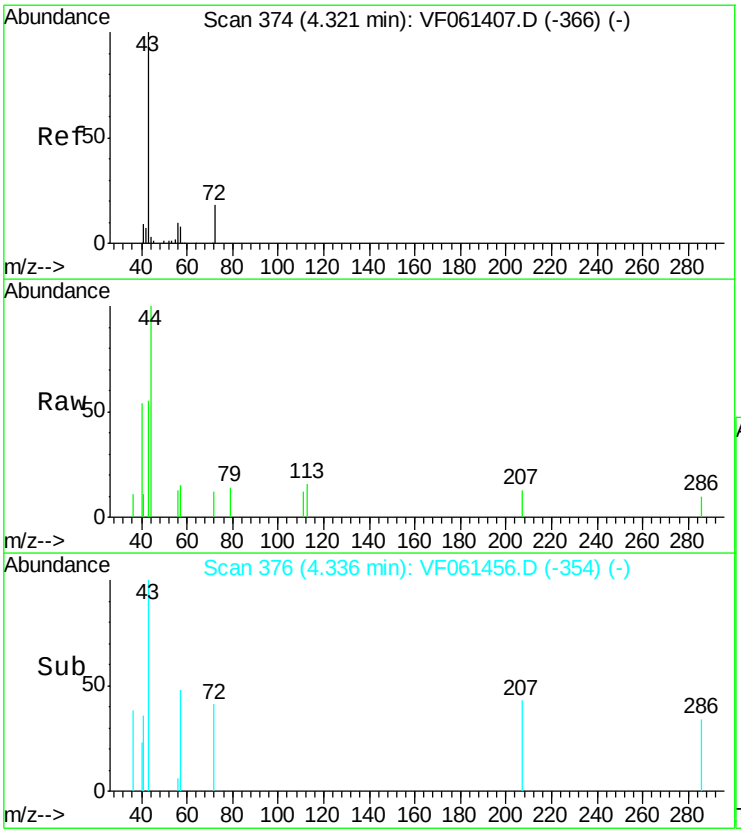
#23
Vinyl Acetate
Concen: 3.594 ug/l
RT: 3.18 min Scan# 259
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 43 Resp: 1051

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

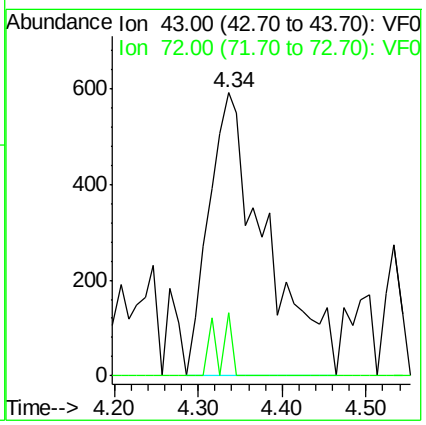


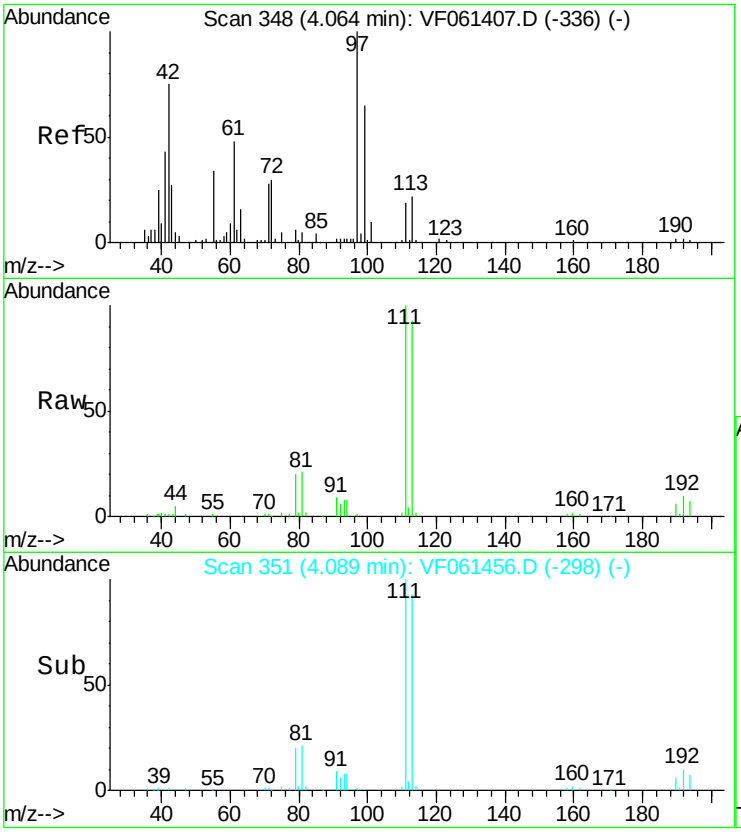


#25
2-Butanone
Concen: 3.630 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 43 Resp: 2787

Ion	Ratio	Lower	Upper
43	100		
72	22.5	15.8	23.6



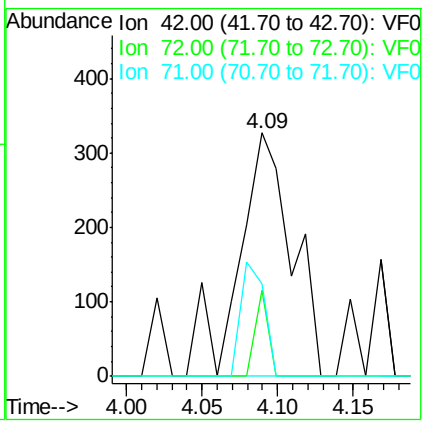


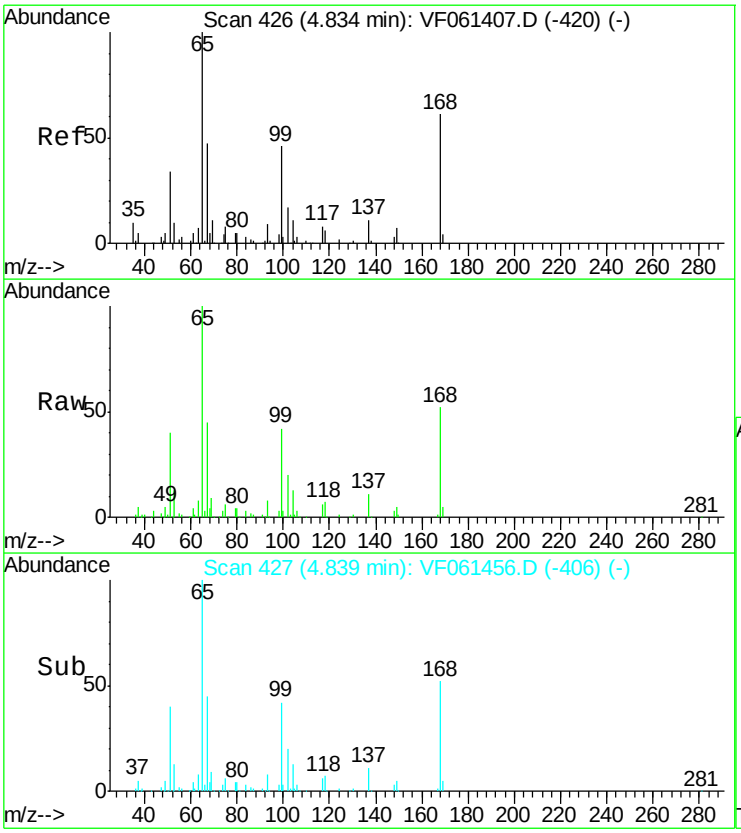
#29
Tetrahydrofuran
Concen: 2.441 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.02 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 42 Resp: 807

Ion	Ratio	Lower	Upper
42	100		
72	8.4	28.9	43.3#
71	20.3	29.6	44.4#

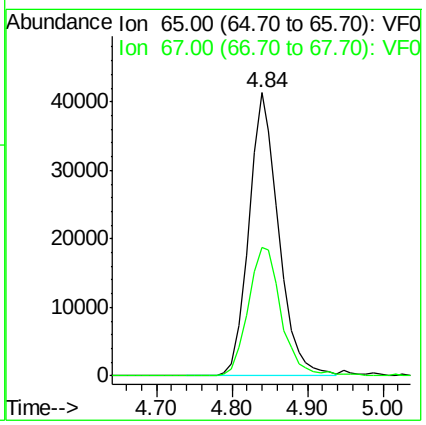


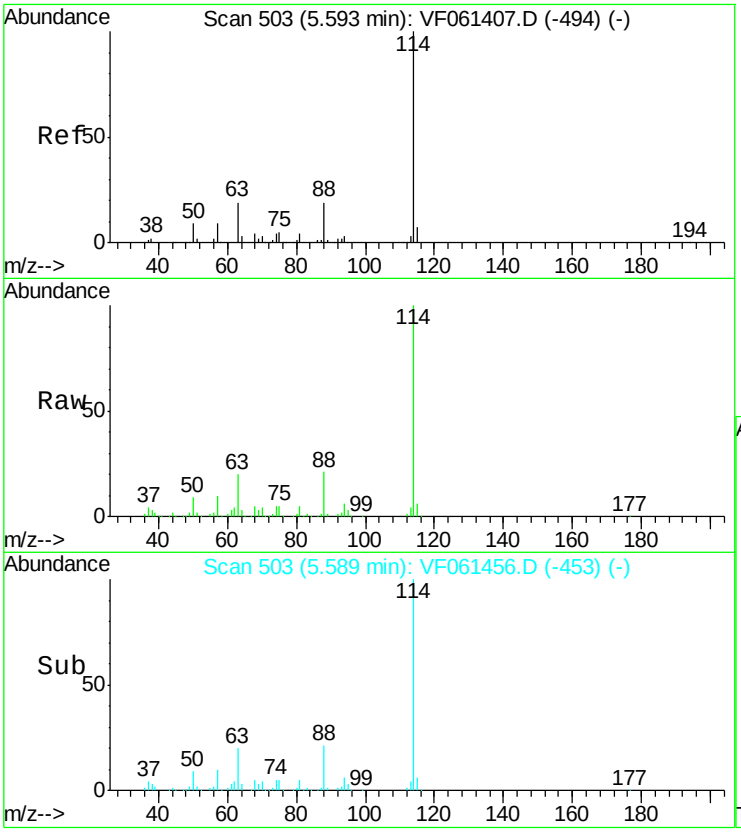


#33
1,2-Dichloroethane-d4
Concen: 49.183 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 65 Resp: 113200

Ion	Ratio	Lower	Upper
65	100		
67	45.2	0.0	99.8



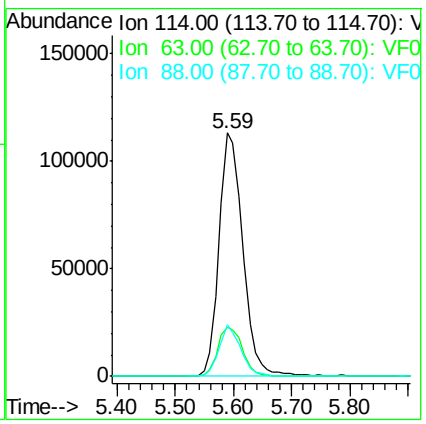


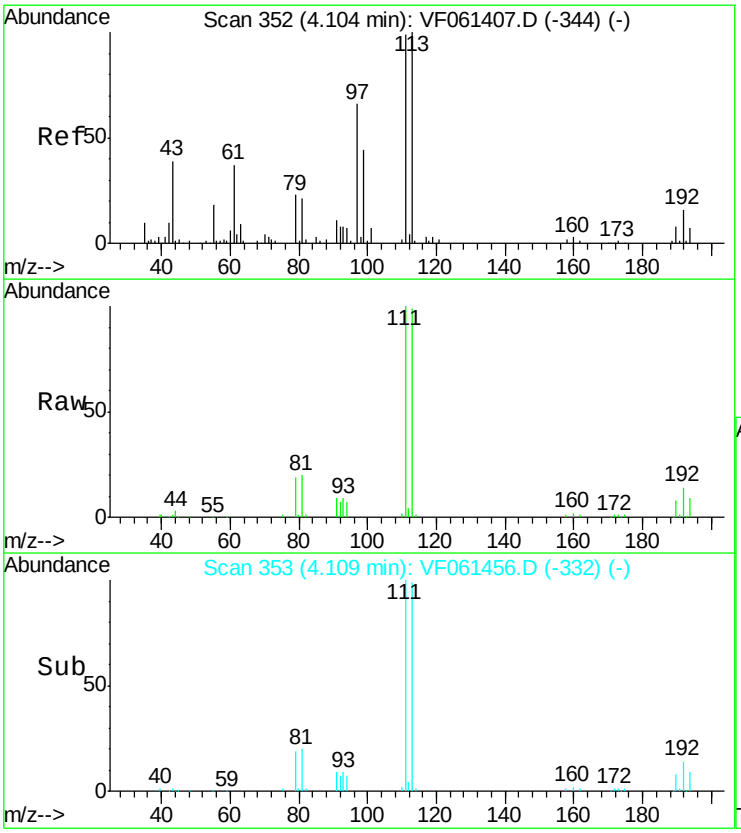
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.00 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Tgt Ion:114 Resp: 321810

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	21.0	0.0	37.4

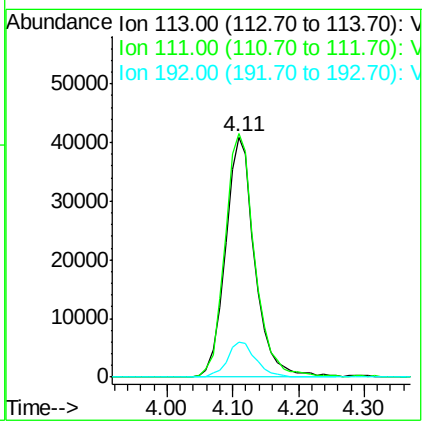


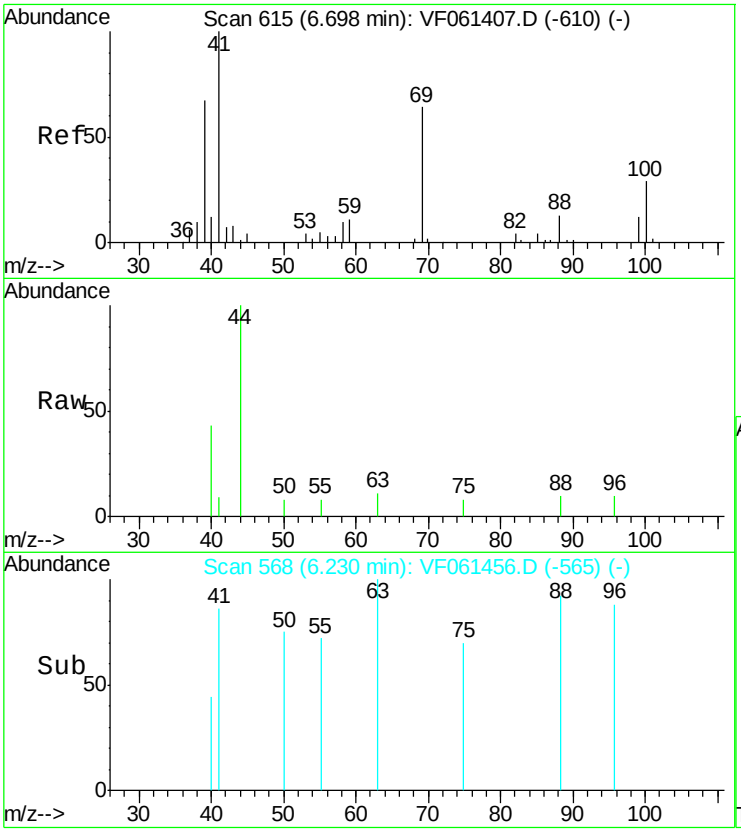


#35
Dibromofluoromethane
Concen: 49.976 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion:113 Resp: 126907

Ion	Ratio	Lower	Upper
113	100		
111	101.5	79.4	119.0
192	14.4	12.4	18.6



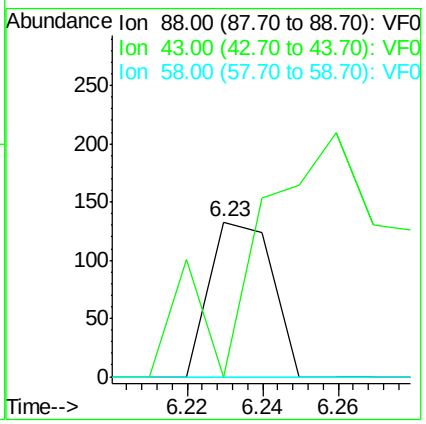


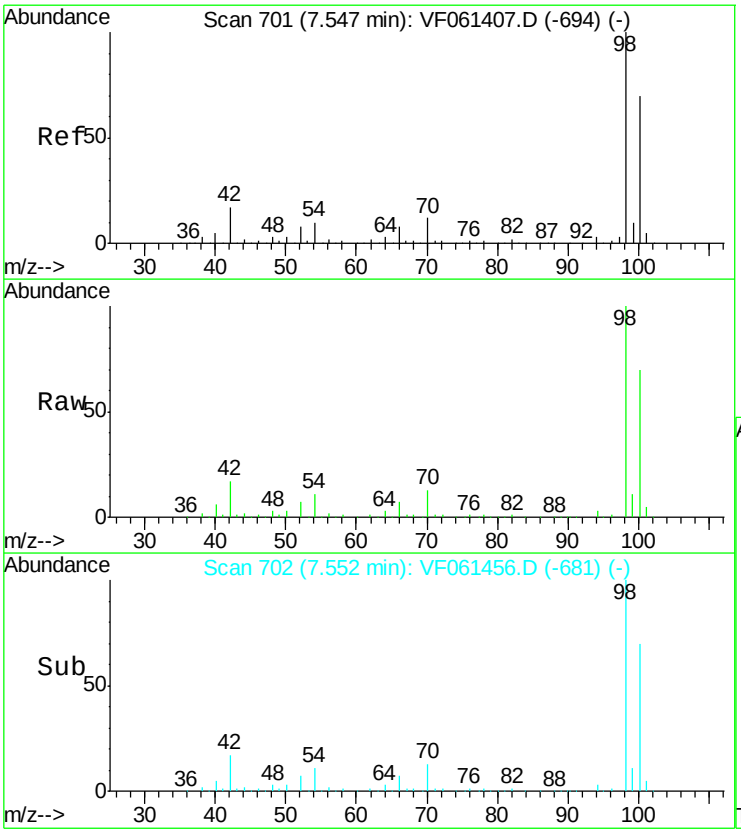
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.23 min Scan# 568
Delta R.T. -0.47 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Tgt Ion: 88 Resp: 152

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

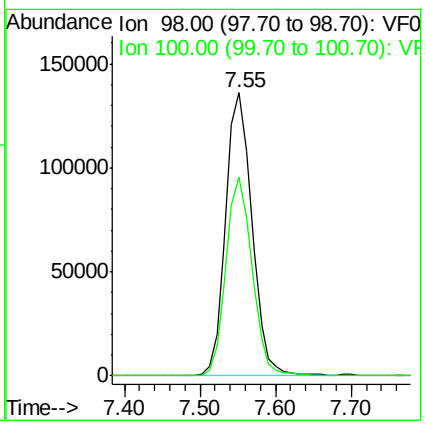


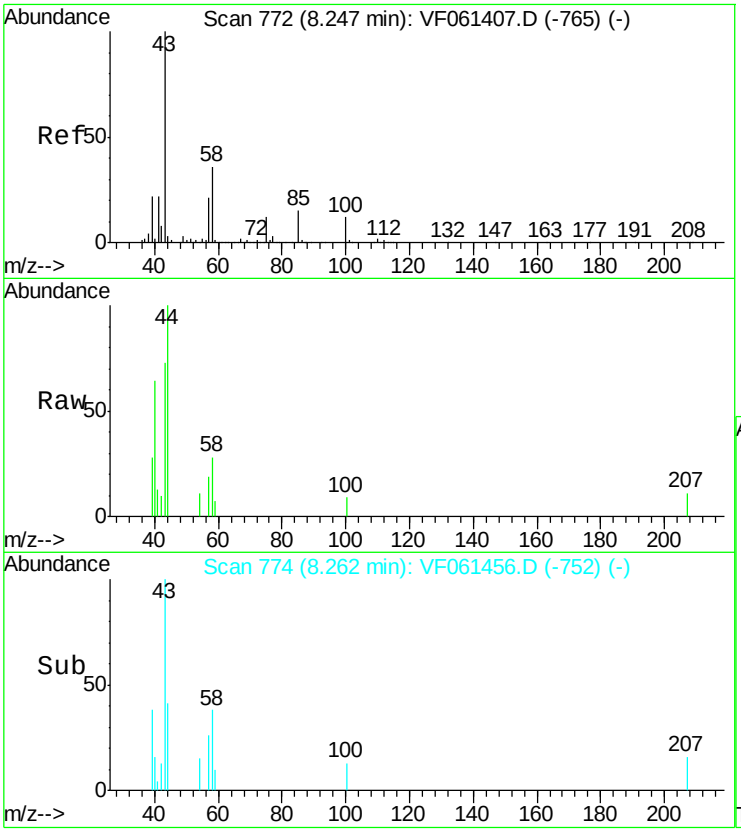


#50
Toluene-d8
Concen: 47.247 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 98 Resp: 328717

Ion	Ratio	Lower	Upper
98	100		
100	70.3	55.6	83.4



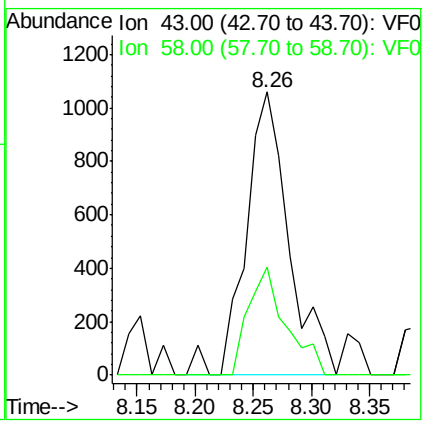


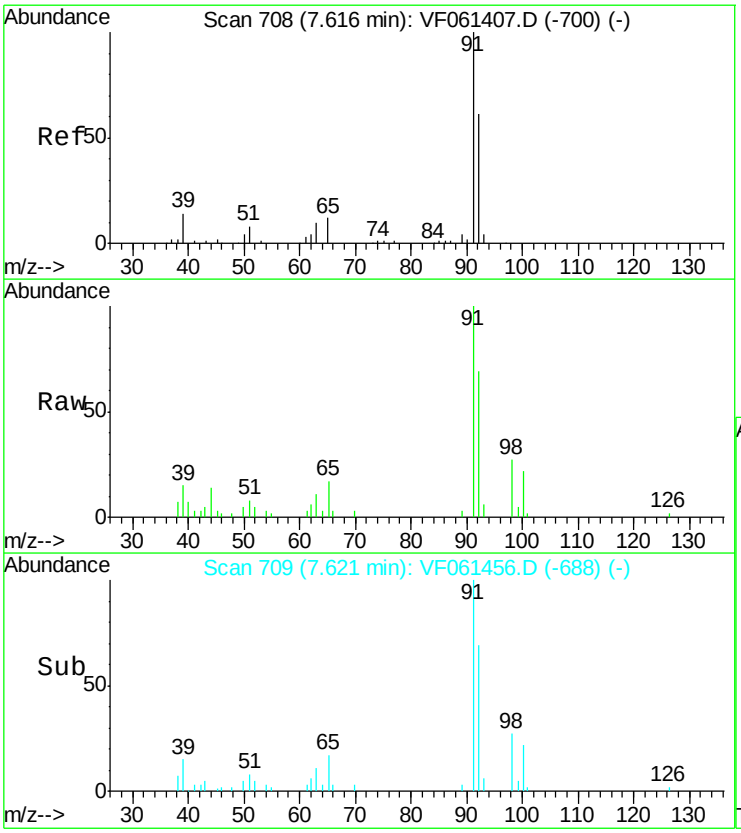
#51
4-Methyl-2-Pentanone
Concen: 1.972 ug/l
RT: 8.26 min Scan# 774
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 43 Resp: 2714

Ion	Ratio	Lower	Upper
43	100		
58	38.1	28.8	43.2

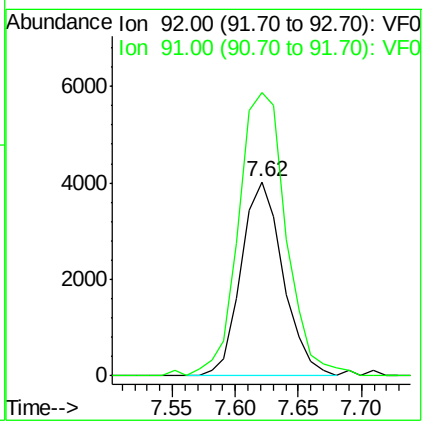


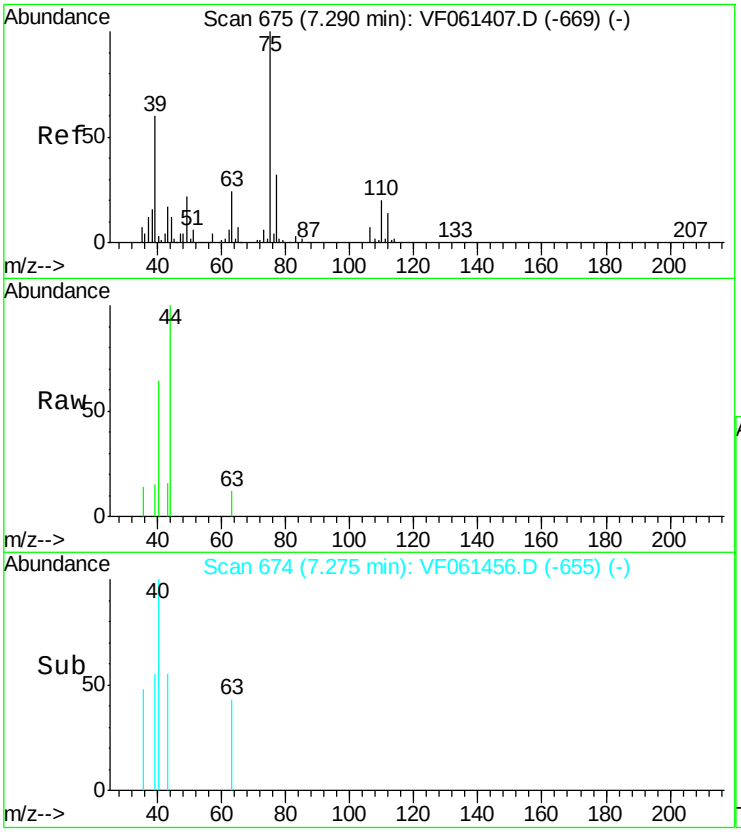


#52
Toluene
Concen: 1.704 ug/l
RT: 7.62 min Scan# 709
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 92 Resp: 9316

Ion	Ratio	Lower	Upper
92	100		
91	145.8	131.2	196.8



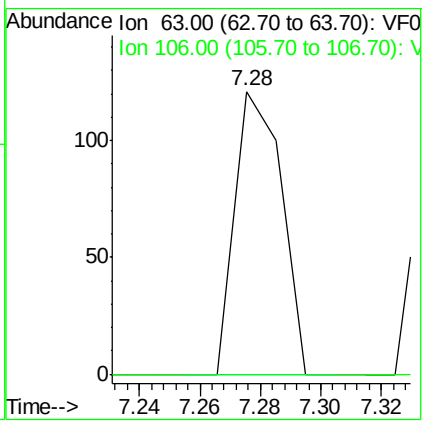


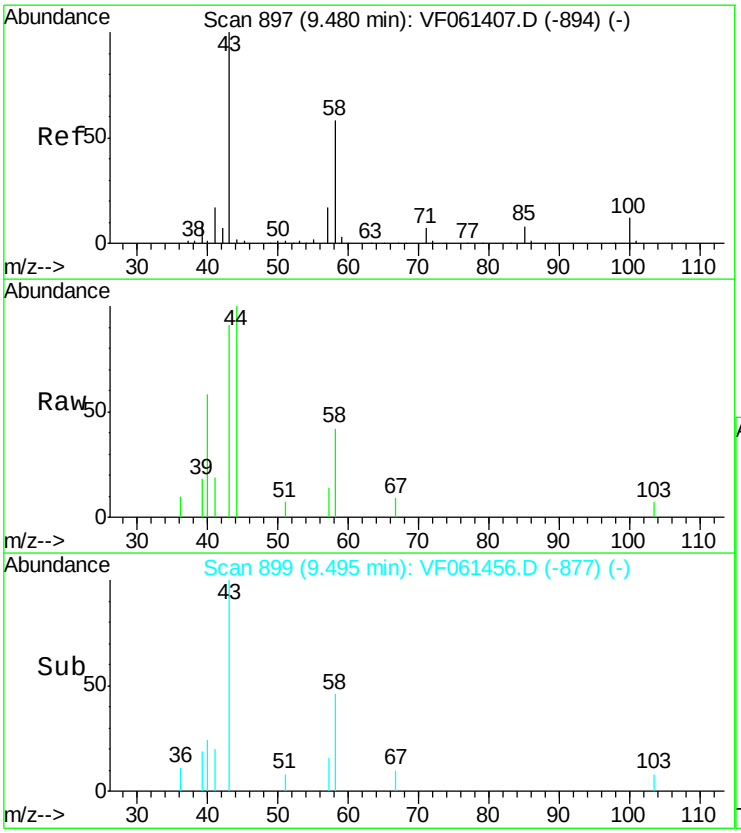
#58
2-Chloroethyl Vinyl ether
Concen: 28.133 ug/l
RT: 7.28 min Scan# 674
Delta R.T. -0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Tgt Ion: 63 Resp: 131

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#

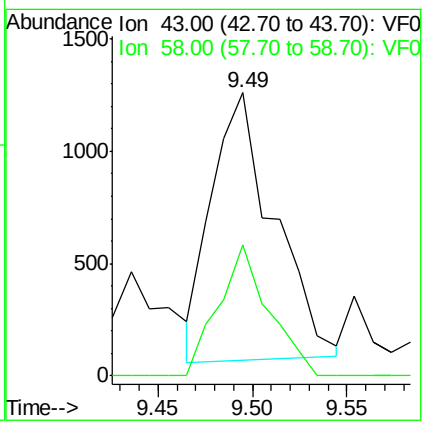


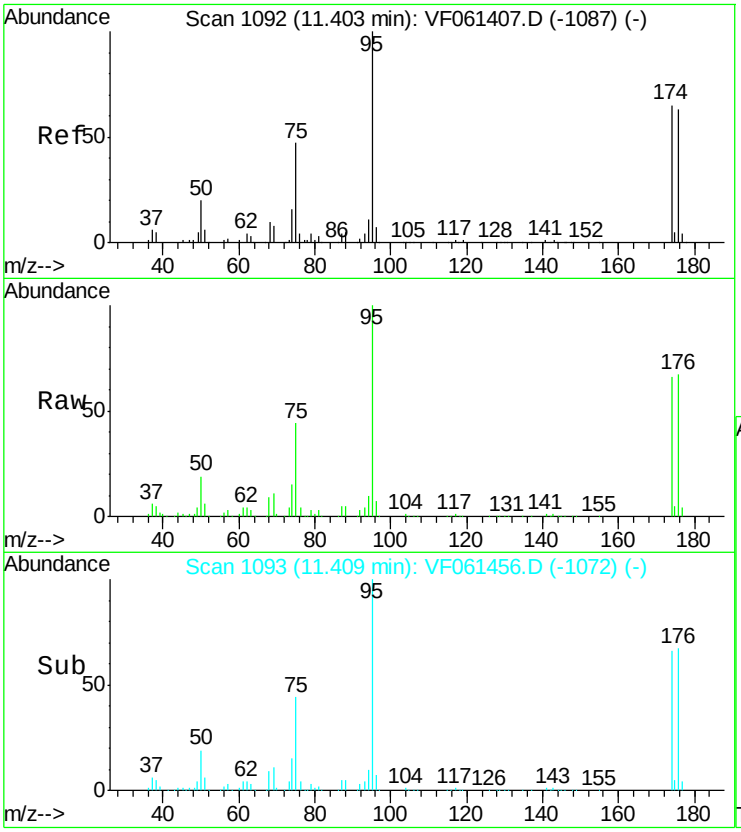


#59
2-Hexanone
Concen: 2.826 ug/l
RT: 9.49 min Scan# 899
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion: 43 Resp: 2712

Ion	Ratio	Lower	Upper
43	100		
58	46.3	25.9	77.6



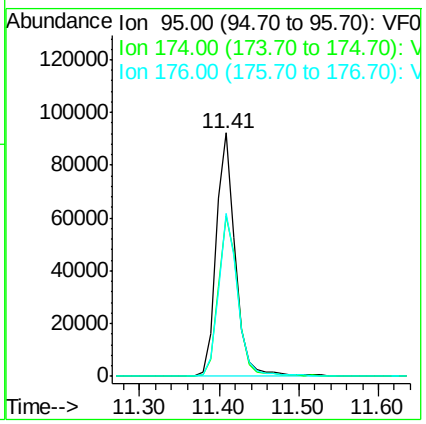


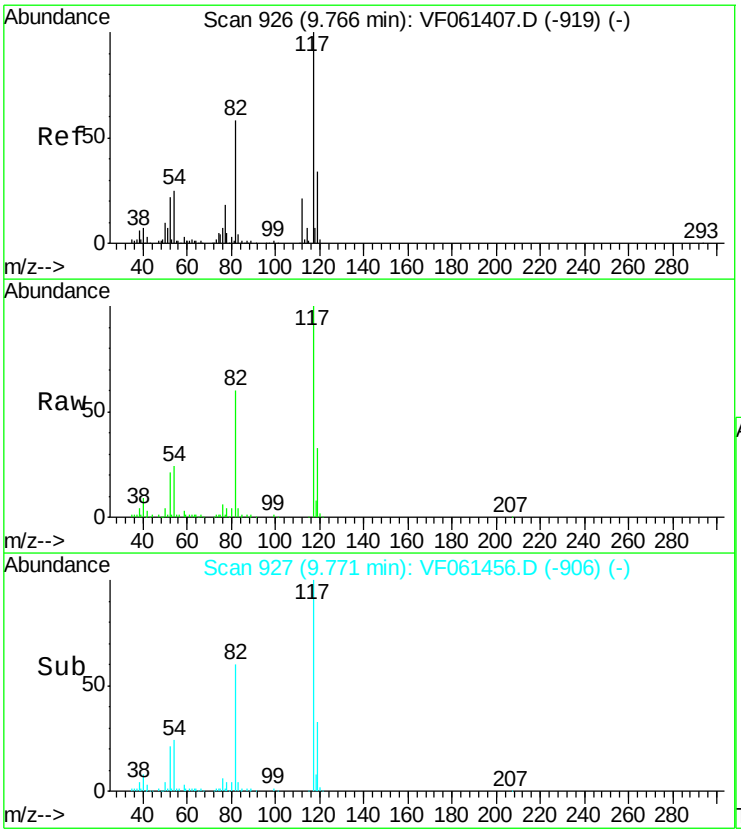
#62
4-Bromofluorobenzene
Concen: 47.984 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 95 Resp: 155981

Ion	Ratio	Lower	Upper
95	100		
174	66.1	0.0	130.4
176	66.9	0.0	126.2

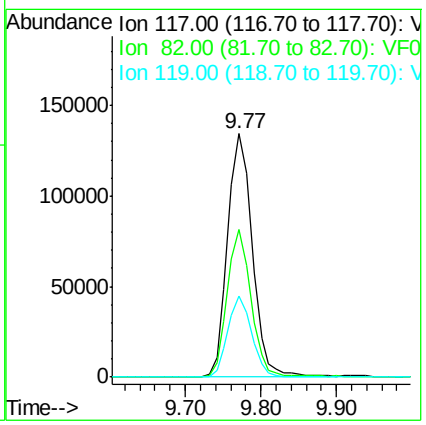


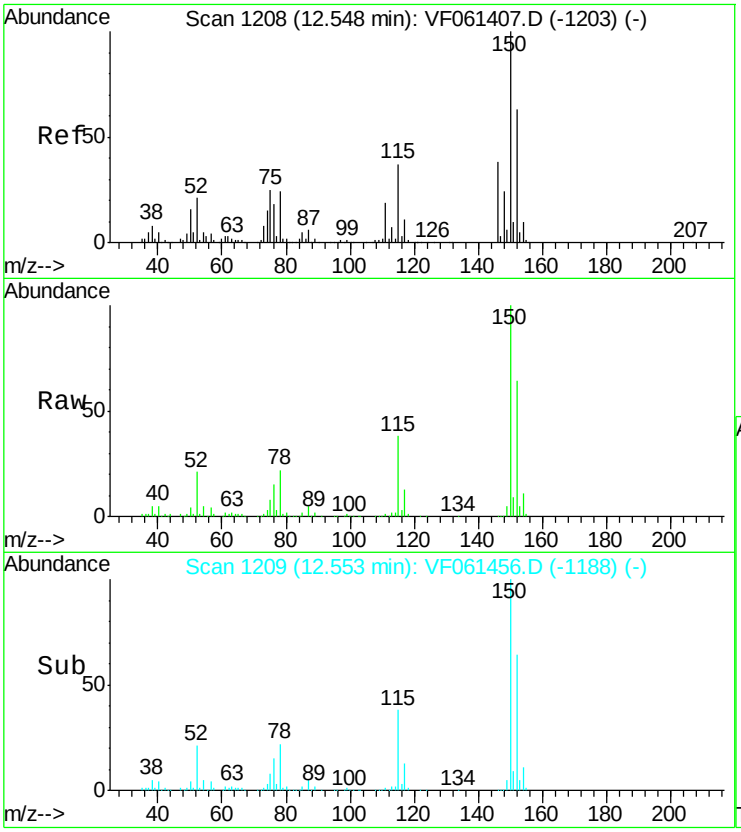


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Tgt Ion:117 Resp: 304672

Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.4	69.6
119	33.5	27.2	40.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061456.D
Acq: 18 Jan 2019 13:40

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Tgt Ion:152 Resp: 157498

Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.0	90.0
150	157.1	0.0	321.4