Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF012819\
Data File : VF061539.D
Acq On : 28 Jan 2019 14:10
Operator : VA/AP
Sample : K1011-11
Misc : 6.68g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-B

Quant Time: Jan 29 03:55:51 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	221312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	390288	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	328474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	143774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	121593	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.00%			
35) Dibromofluoromethane	4.11	113	147267	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.64%			
50) Toluene-d8	7.54	98	340736	40.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.76%			
62) 4-Bromofluorobenzene	11.41	95	144536	36.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.32%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	418	3.614	ug/l #	64
13) Acrolein	2.14	56	272	12.954	ug/l	95
14) Allyl chloride	2.03	41	1051	Below Cal	#	69
15) Acrylonitrile	2.96	53	774	2.613	ug/l #	22
16) Acetone	2.24	43	36623	66.812	ug/l	94
18) Methyl Acetate	2.33	43	1612	1.483	ug/l #	61
20) Methylene Chloride	2.18	84	6472	1.784	ug/l #	77
23) Vinyl Acetate	3.18	43	1912	3.806	ug/l #	78
25) 2-Butanone	4.33	43	6070	6.659	ug/l	95
29) Tetrahydrofuran	4.09	42	1013	2.581	ug/l #	58
49) 1,4-Dioxane	6.49	88	62	Below Cal	#	13
51) 4-Methyl-2-Pentanone	8.26	43	2967	1.778	ug/l #	79
52) Toluene	7.61	92	17333	2.614	ug/l	83
59) 2-Hexanone	9.50	43	1203	1.034	ug/l #	62
68) m/p-Xylenes	10.13	106	7356	1.676	ug/l	100
95) Naphthalene	14.46	128	8437	1.372	ug/l #	86

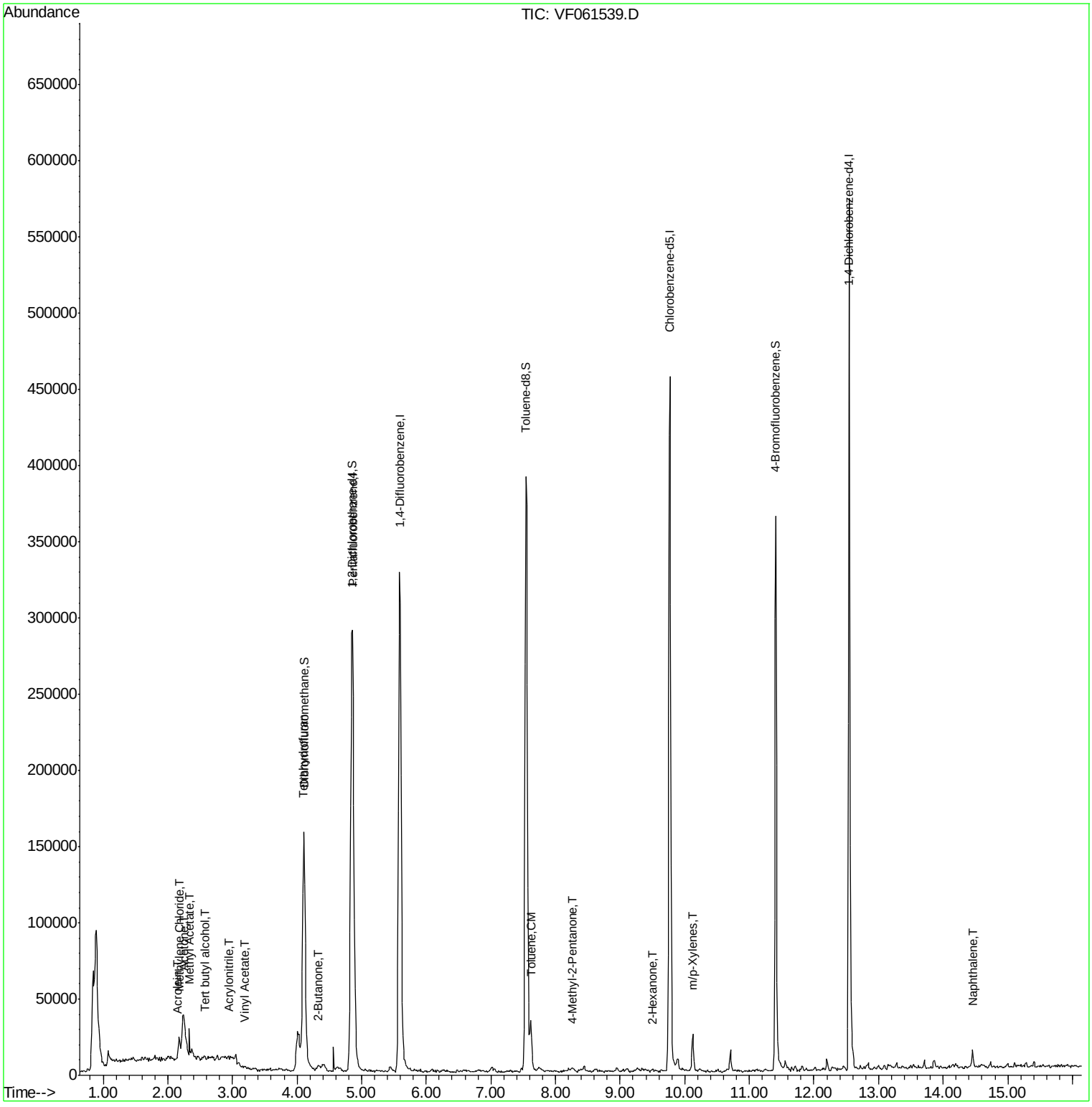
(#) = qualifier out of range (m) = manual integration (+) = signals summed

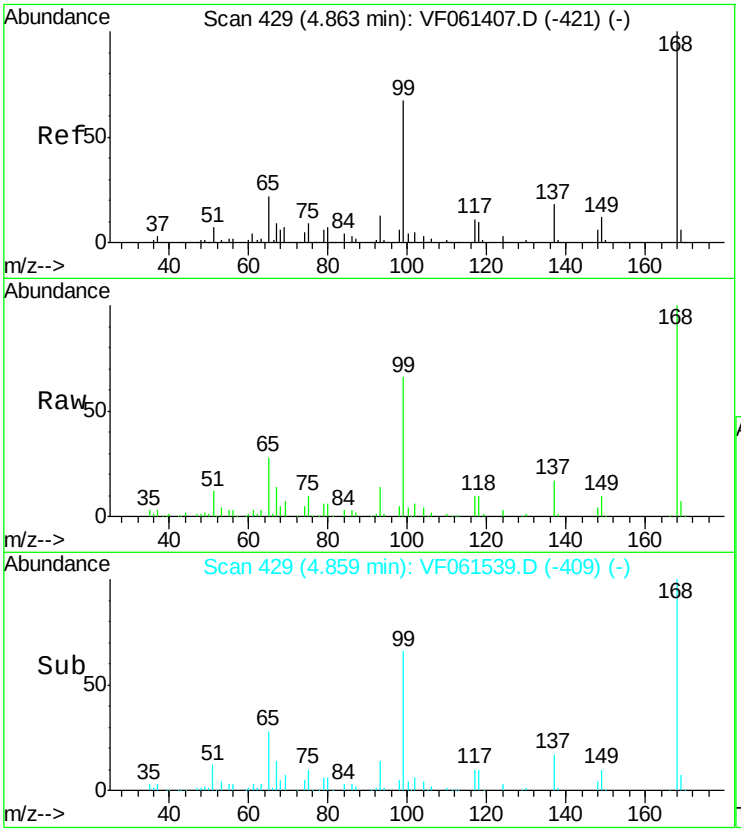
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012819\
Data File : VF061539.D
Acq On : 28 Jan 2019 14:10
Operator : VA/AP
Sample : K1011-11
Misc : 6.68g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-B

Quant Time: Jan 29 03:55:51 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



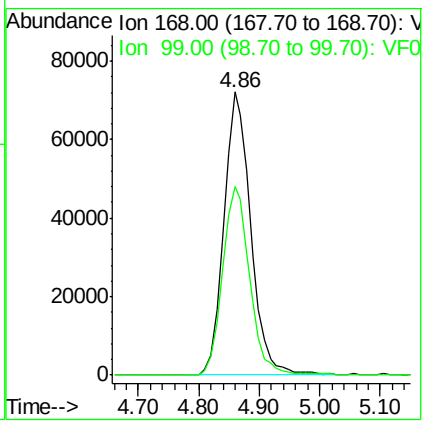


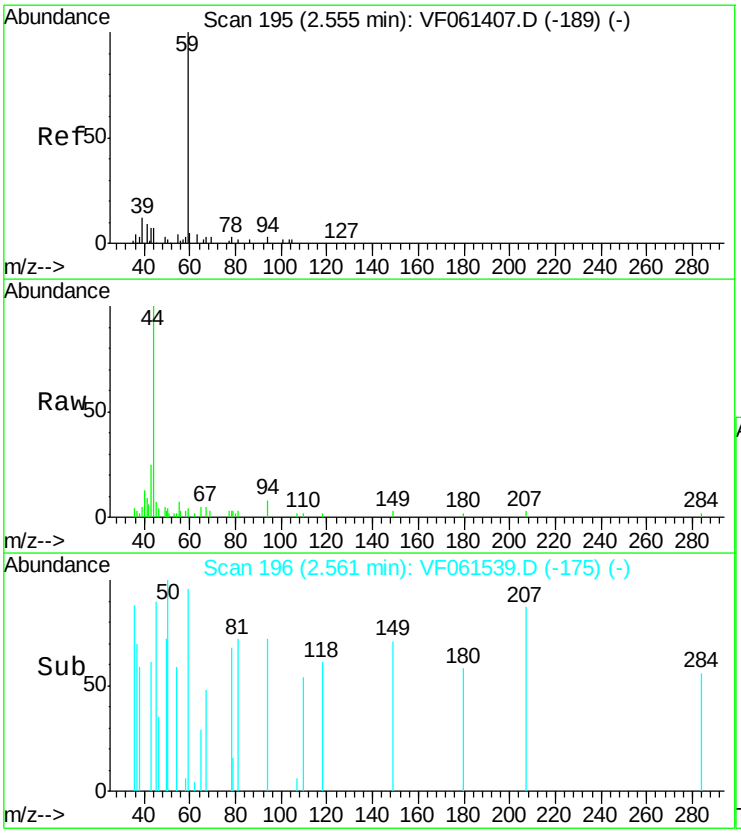
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.00 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-B

Tgt Ion:168 Resp: 221312

Ion	Ratio	Lower	Upper
168	100		
99	66.4	53.5	80.3

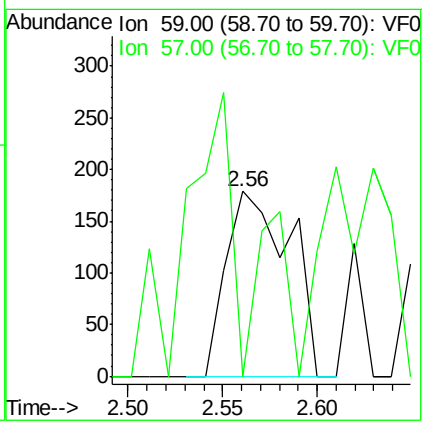


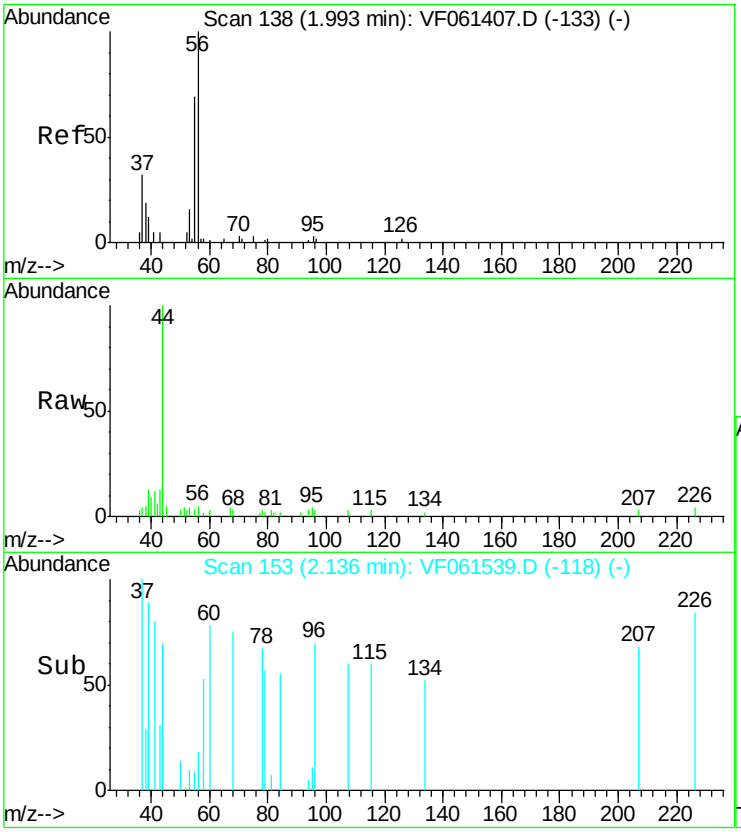


#11
Tert butyl alcohol
Concen: 3.614 ug/l
RT: 2.56 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Tgt Ion: 59 Resp: 418

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.9	17.9#



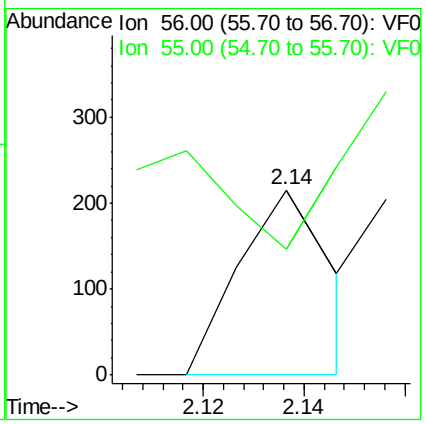


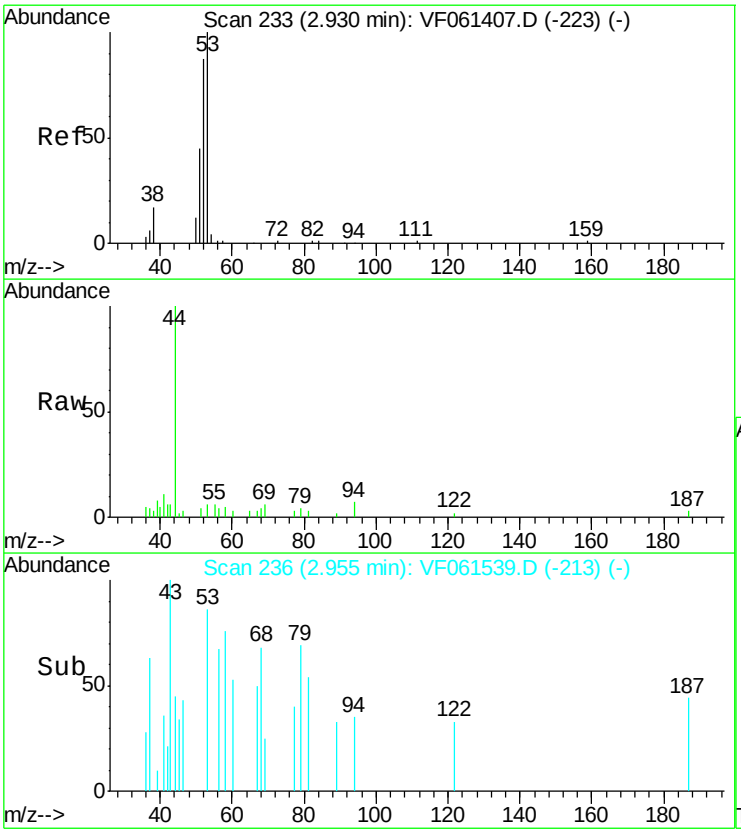
#13
Acrolein
Concen: 12.954 ug/l
RT: 2.14 min Scan# 153
Delta R.T. 0.14 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-B

Tgt Ion: 56 Resp: 272

Ion	Ratio	Lower	Upper
56	100		
55	67.9	57.5	86.3

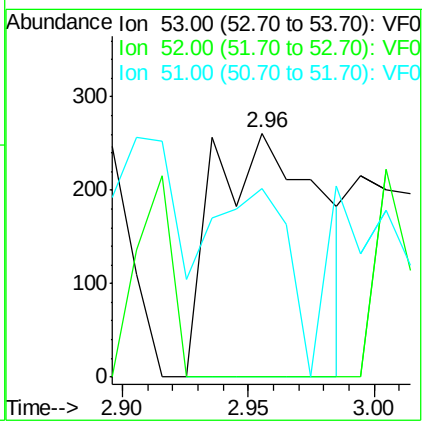


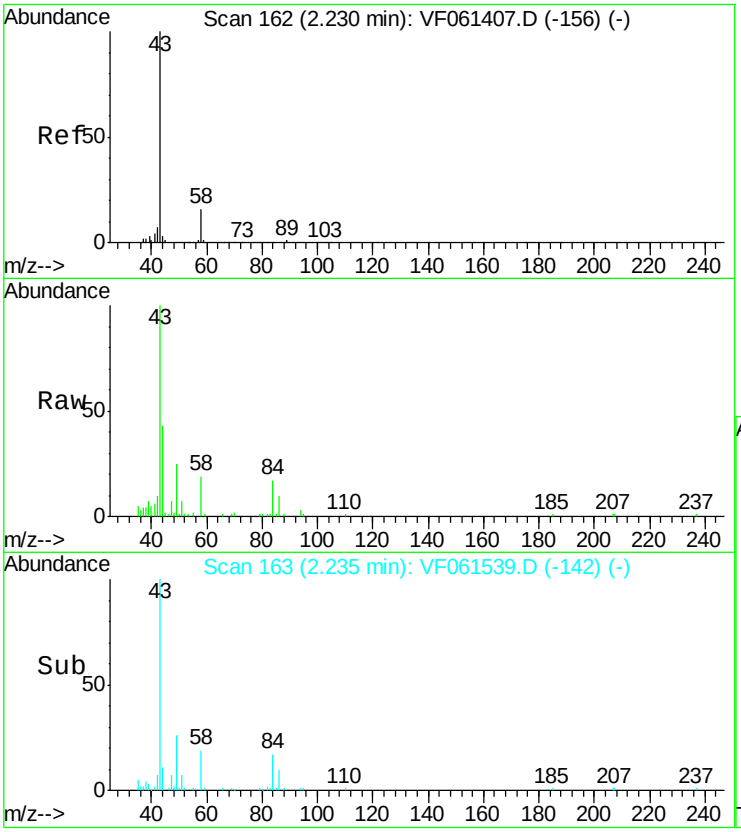


#15
Acrylonitrile
Concen: 2.613 ug/l
RT: 2.96 min Scan# 236
Delta R.T. 0.03 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Tgt Ion: 53 Resp: 774

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.6	104.4#
51	77.4	36.8	55.2#



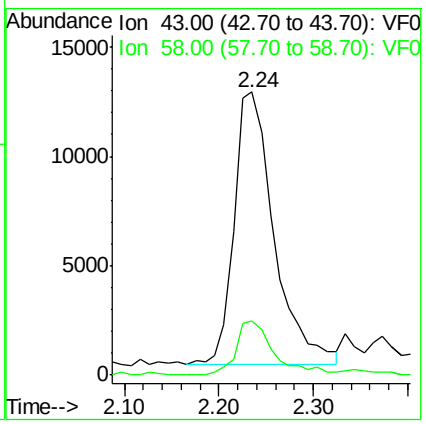


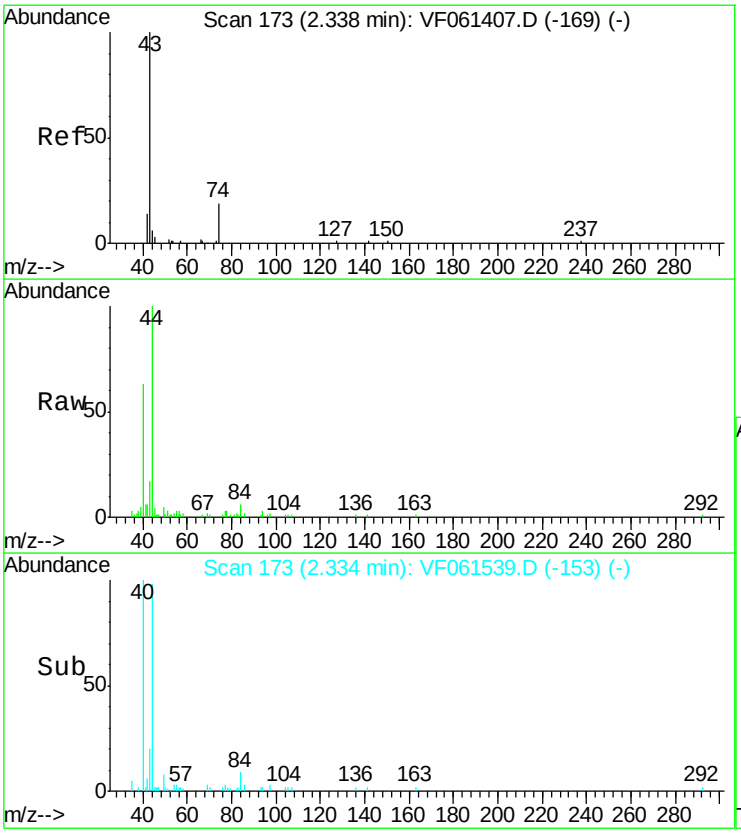
#16
Acetone
Concen: 66.812 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-B

Tgt Ion: 43 Resp: 36623

Ion	Ratio	Lower	Upper
43	100		
58	19.0	13.3	19.9

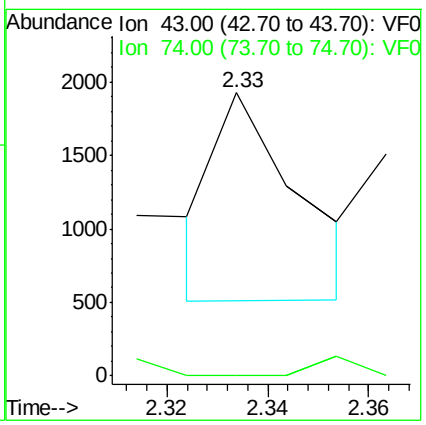


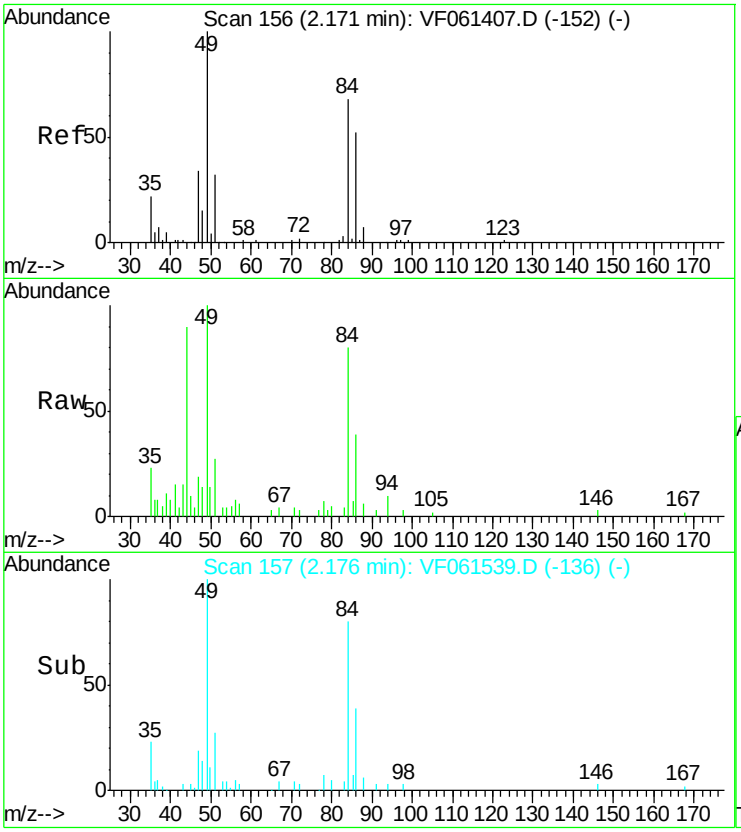


#18
Methyl Acetate
Concen: 1.483 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.00 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Tgt Ion: 43 Resp: 1612

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#



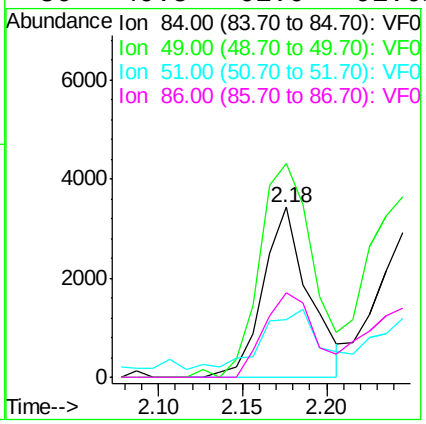


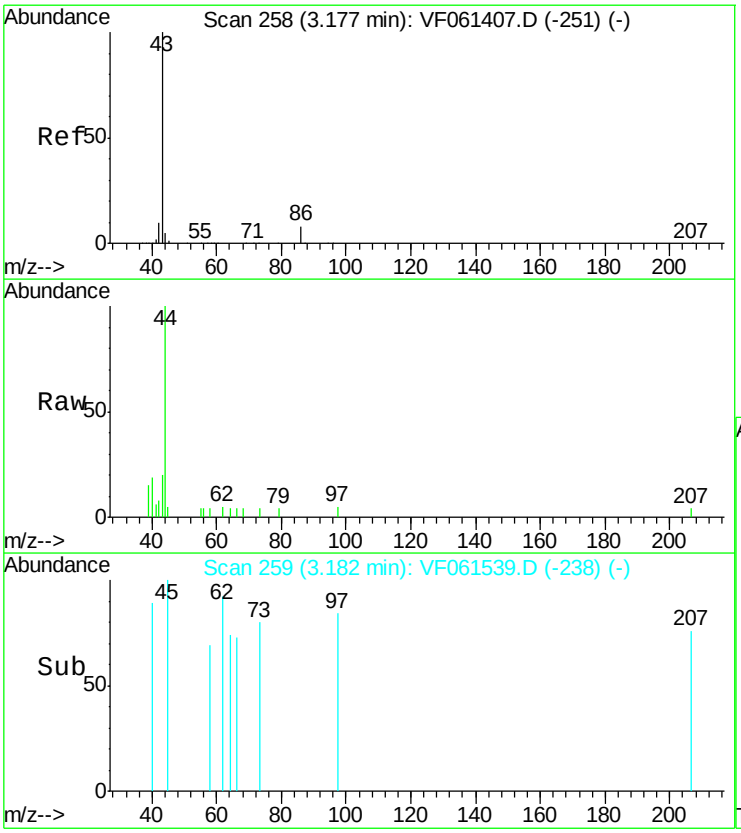
#20
Methylene Chloride
Concen: 1.784 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-B

Tgt Ion: 84 Resp: 6472

Ion	Ratio	Lower	Upper
84	100		
49	125.6	120.0	180.0
51	34.0	38.6	58.0#
86	49.5	61.0	91.6#

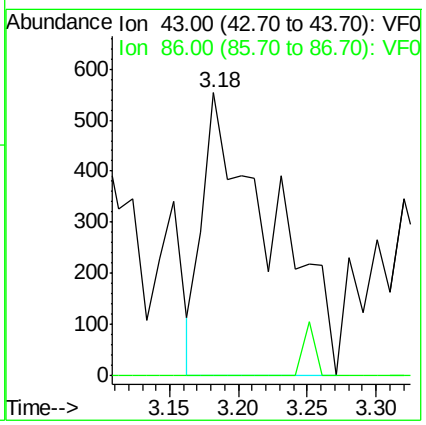


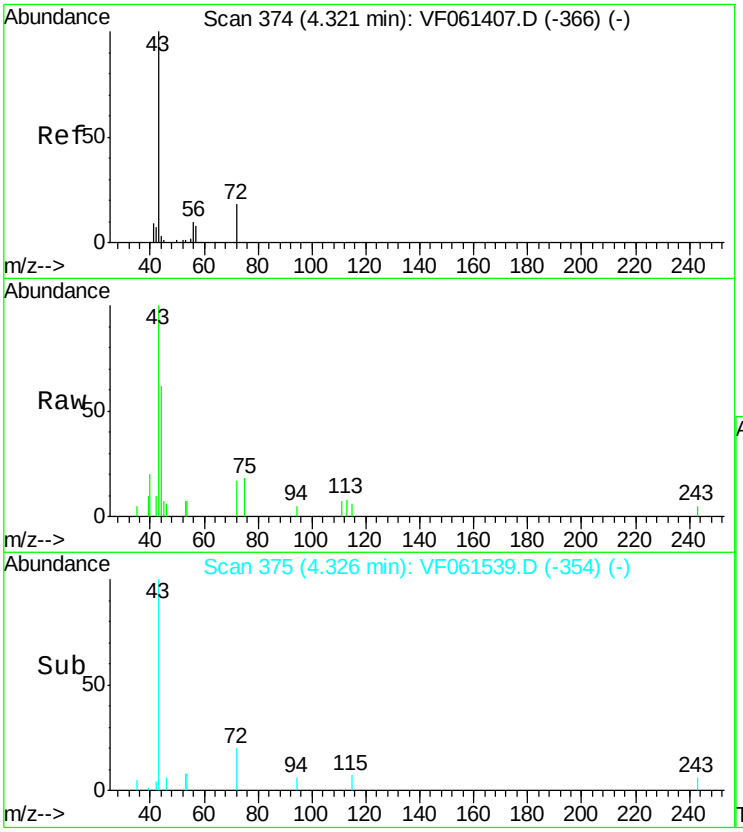


#23
Vinyl Acetate
Concen: 3.806 ug/l
RT: 3.18 min Scan# 259
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Tgt Ion: 43 Resp: 1912

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#



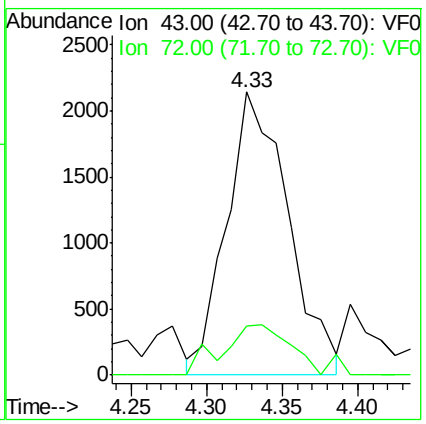


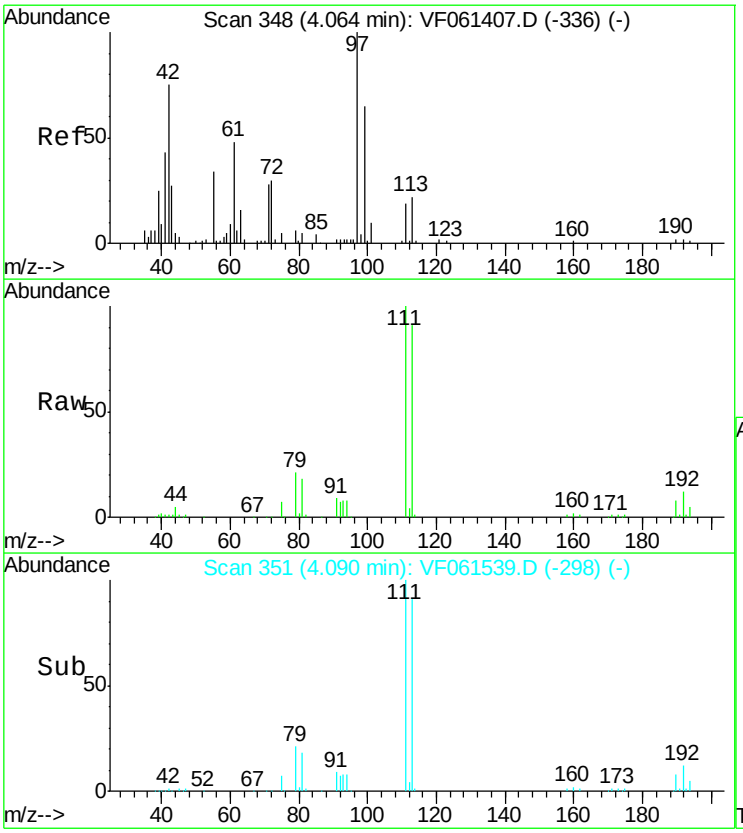
#25
2-Butanone
Concen: 6.659 ug/l
RT: 4.33 min Scan# 375
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-B

Tgt Ion: 43 Resp: 6070

Ion	Ratio	Lower	Upper
43	100		
72	17.2	15.8	23.6

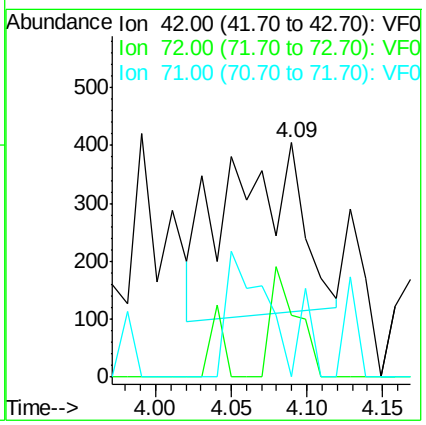


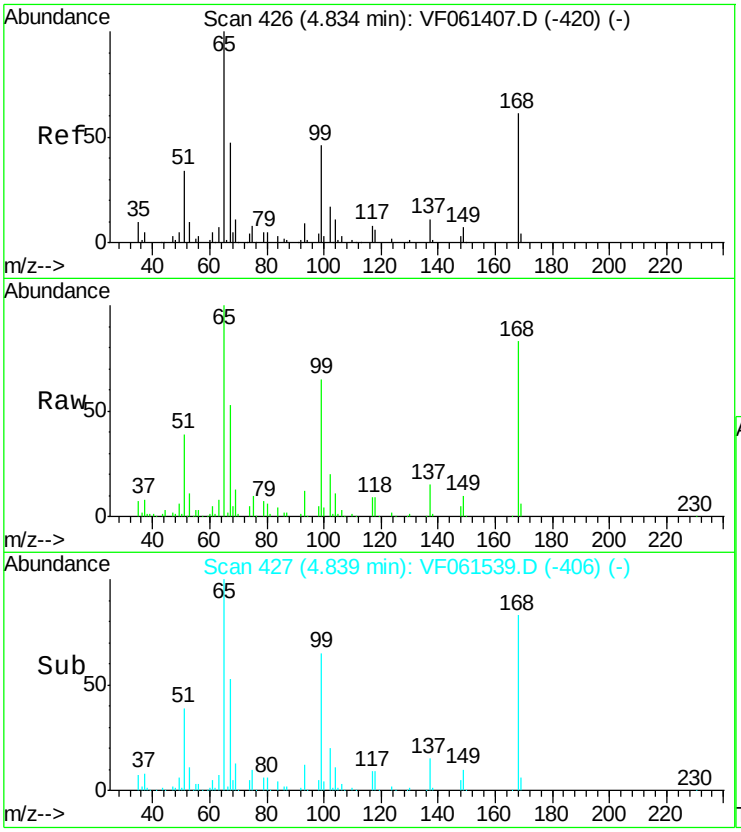


#29
Tetrahydrofuran
Concen: 2.581 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.03 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Tgt Ion: 42 Resp: 1013

Ion	Ratio	Lower	Upper
42	100		
72	23.2	28.9	43.3#
71	0.0	29.6	44.4#



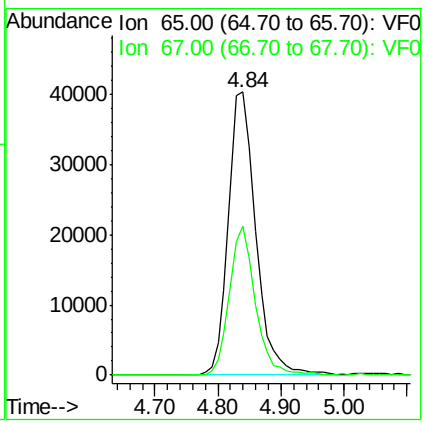


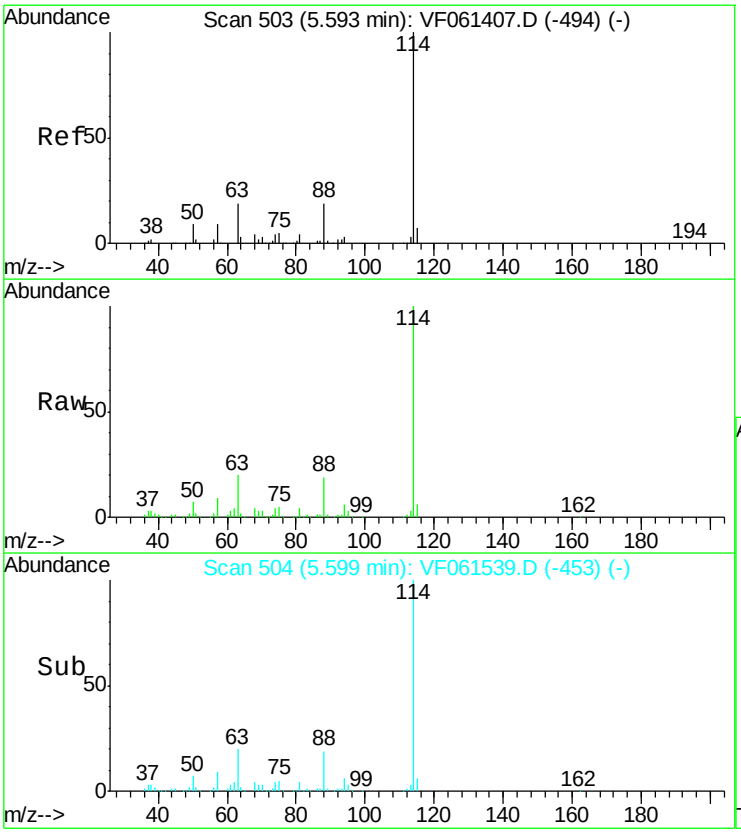
#33
1,2-Dichloroethane-d4
Concen: 44.501 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-B

Tgt Ion: 65 Resp: 121593

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	99.8

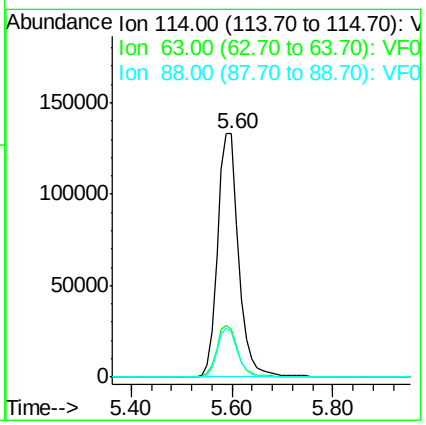


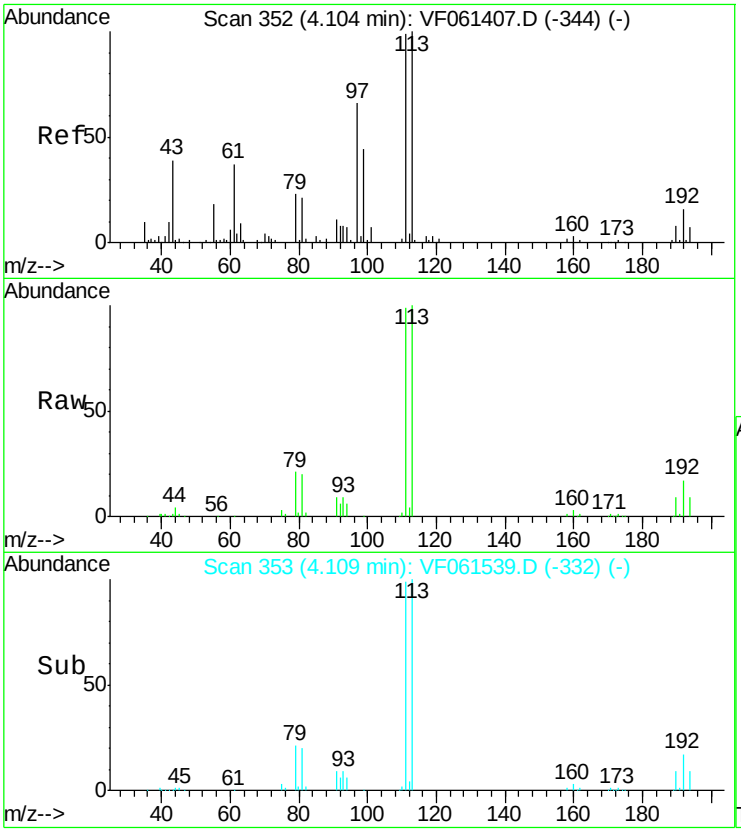


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Tgt Ion:114 Resp: 390288

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	18.7	0.0	37.4



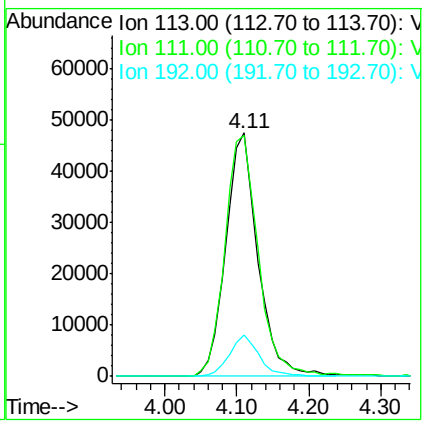


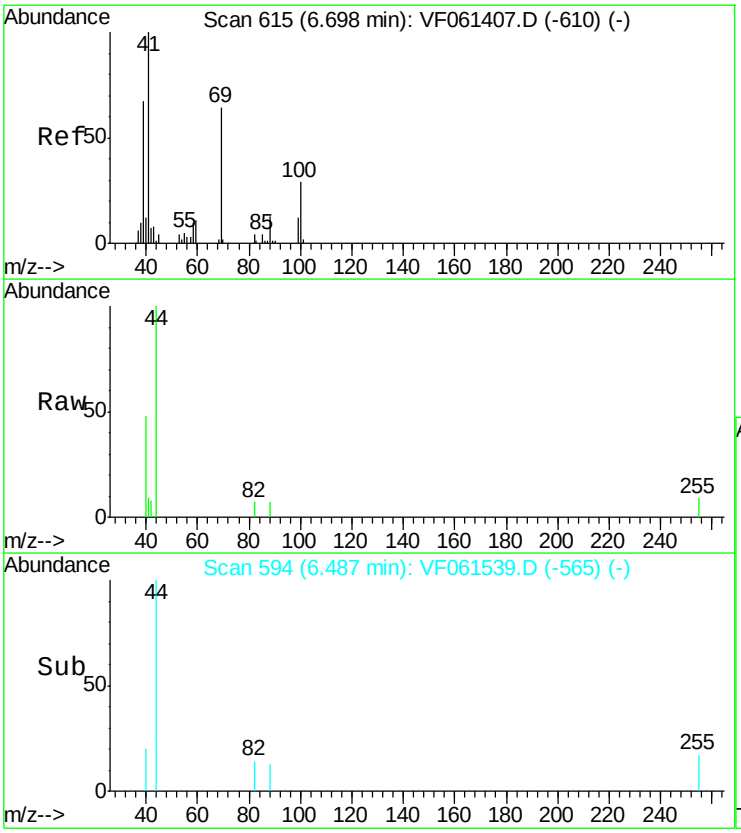
#35
Dibromofluoromethane
Concen: 47.818 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-B

Tgt Ion:113 Resp: 147267

Ion	Ratio	Lower	Upper
113	100		
111	98.8	79.4	119.0
192	17.0	12.4	18.6

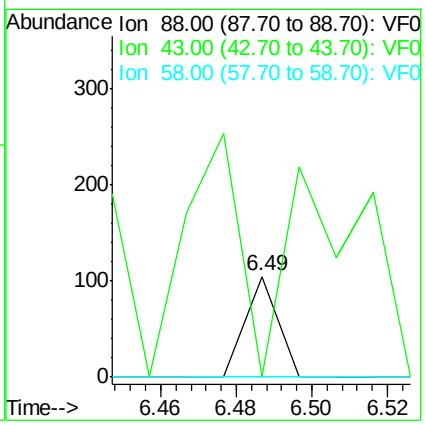


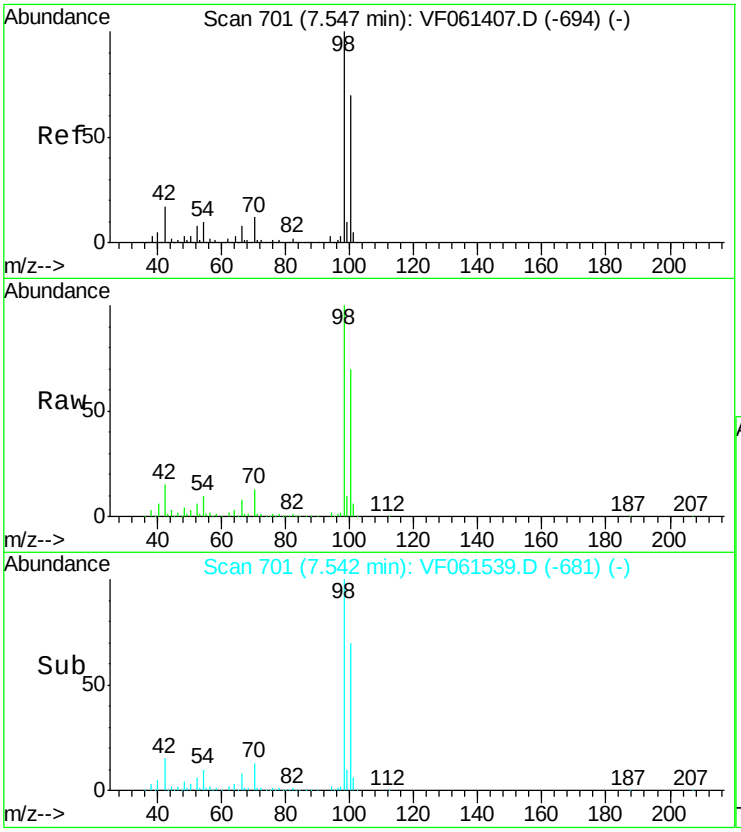


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.49 min Scan# 594
Delta R.T. -0.21 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

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#



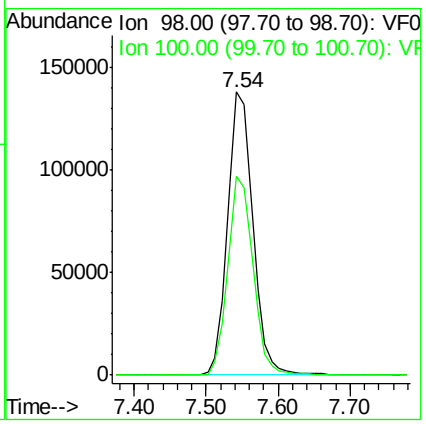


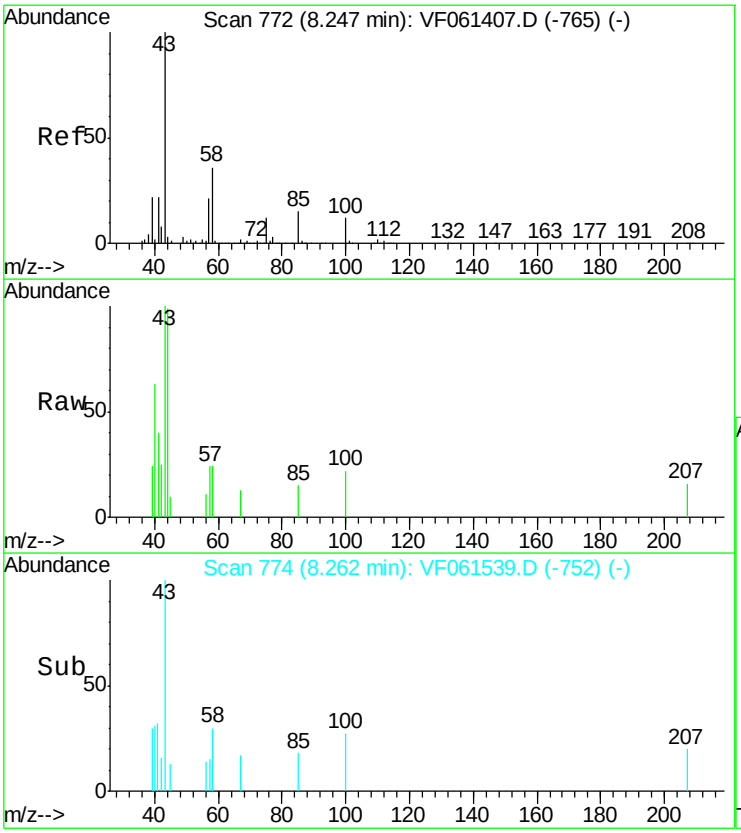
#50
Toluene-d8
Concen: 40.382 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-B

Tgt Ion: 98 Resp: 340736

Ion	Ratio	Lower	Upper
98	100		
100	70.5	55.6	83.4

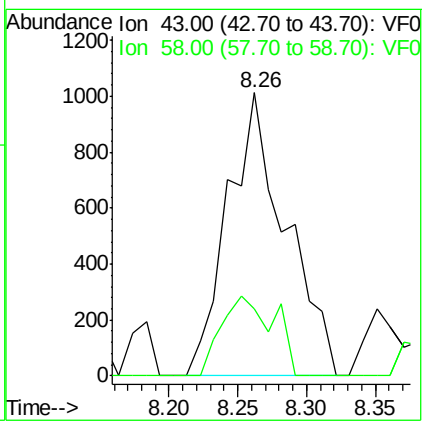


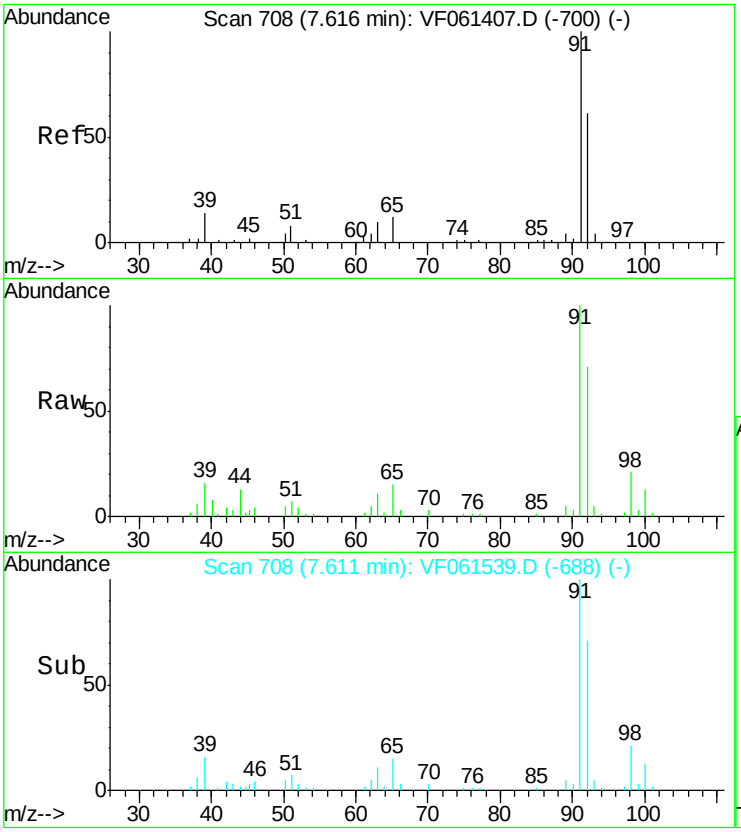


#51
4-Methyl-2-Pentanone
Concen: 1.778 ug/l
RT: 8.26 min Scan# 774
Delta R.T. 0.02 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Tgt Ion: 43 Resp: 2967

Ion	Ratio	Lower	Upper
43	100		
58	23.5	28.8	43.2#



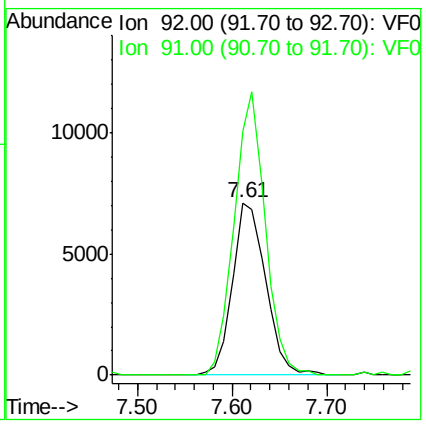


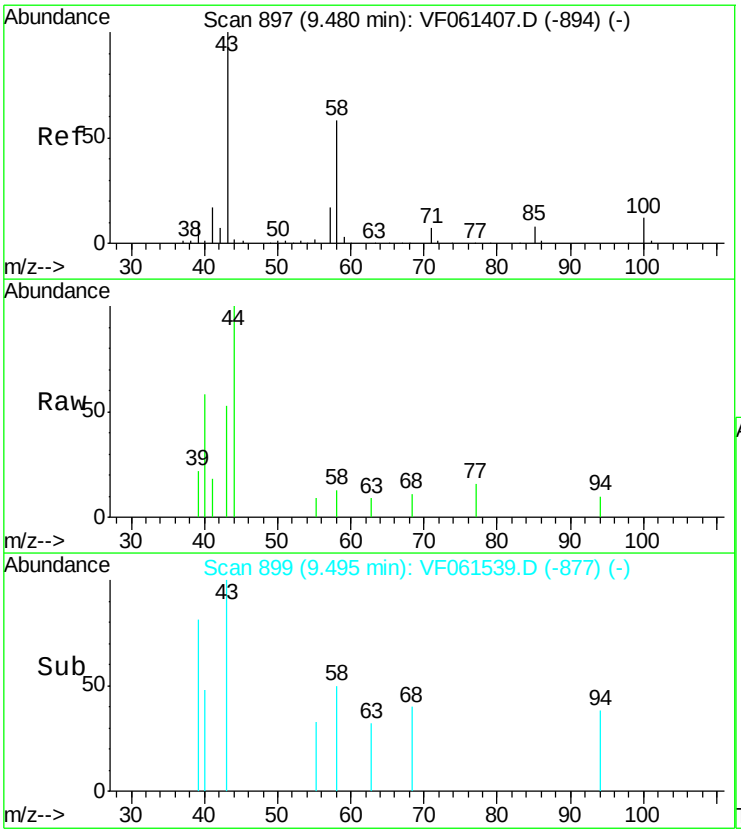
#52
Toluene
Concen: 2.614 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.00 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-B

Tgt Ion: 92 Resp: 17333

Ion	Ratio	Lower	Upper
92	100		
91	141.5	131.2	196.8

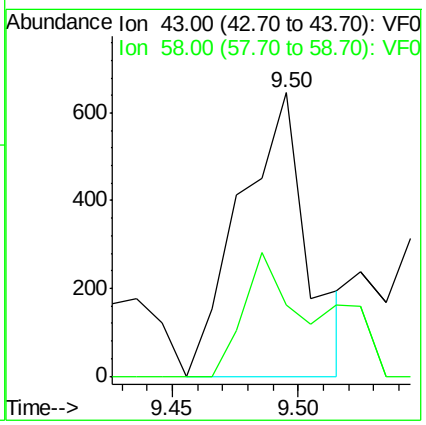


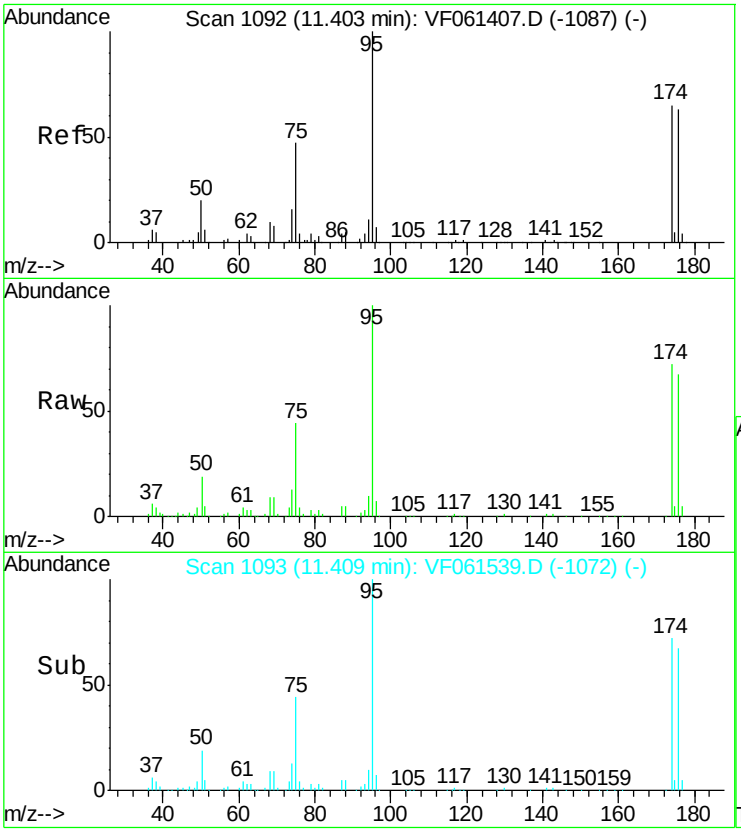


#59
2-Hexanone
Concen: 1.034 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.02 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Tgt Ion: 43 Resp: 1203

Ion	Ratio	Lower	Upper
43	100		
58	25.2	25.9	77.6#



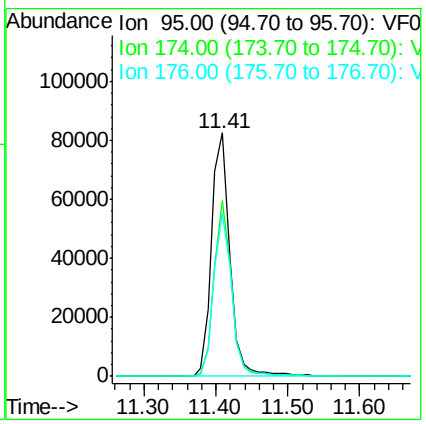


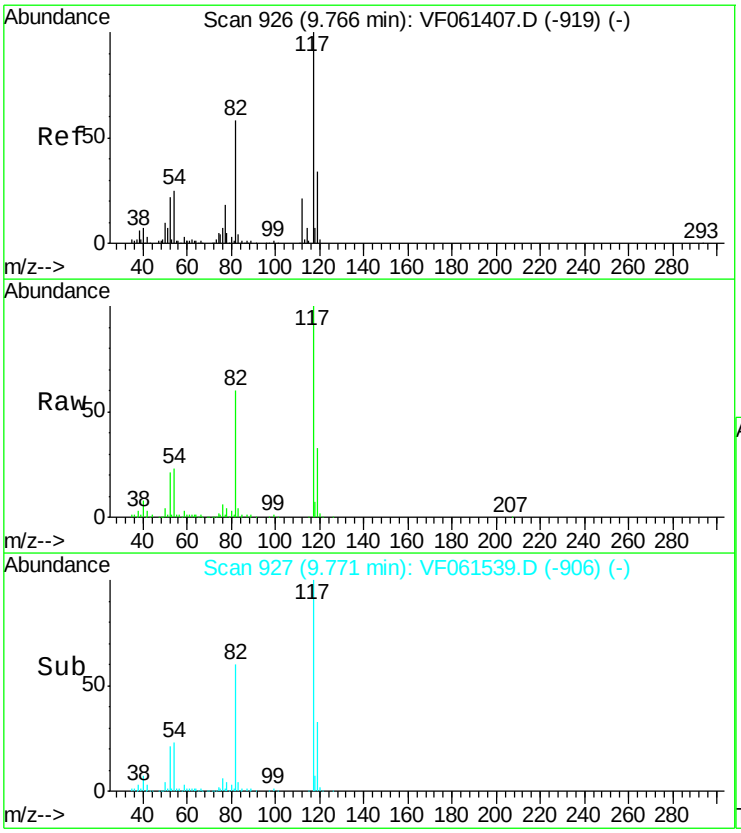
#62
4-Bromofluorobenzene
Concen: 36.662 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-B

Tgt Ion: 95 Resp: 144536

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	130.4
176	67.0	0.0	126.2

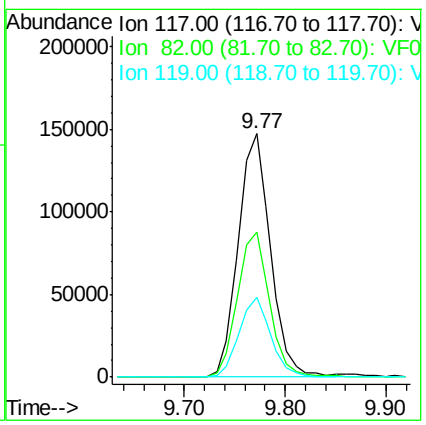


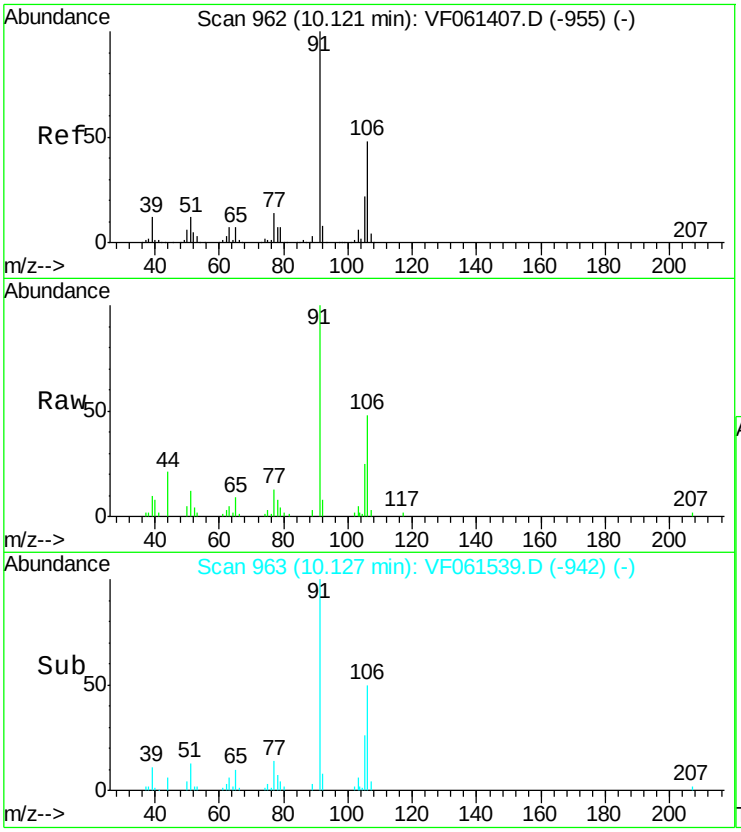


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Tgt Ion:117 Resp: 328474

Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.4	69.6
119	33.0	27.2	40.8



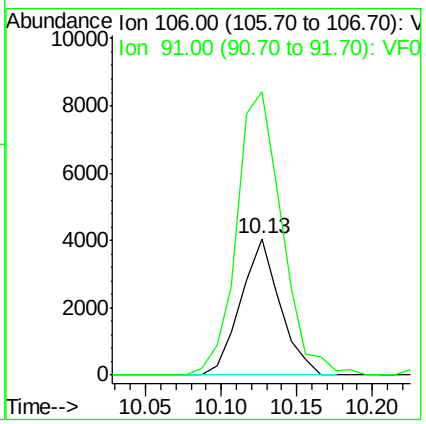


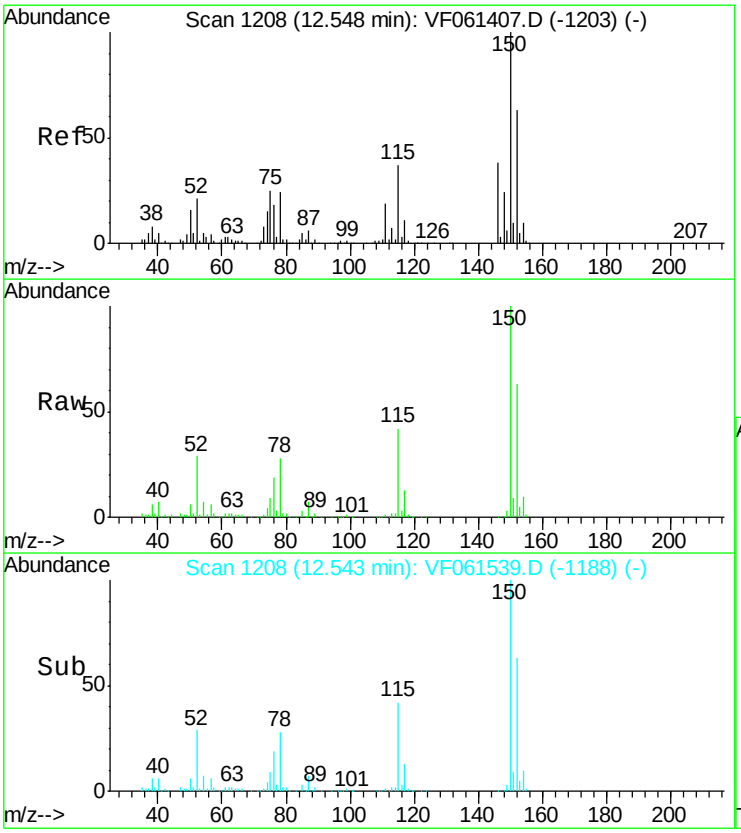
#68
m/p-Xylenes
Concen: 1.676 ug/l
RT: 10.13 min Scan# 963
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-B

Tgt Ion:106 Resp: 7356

Ion	Ratio	Lower	Upper
106	100		
91	207.6	166.2	249.4

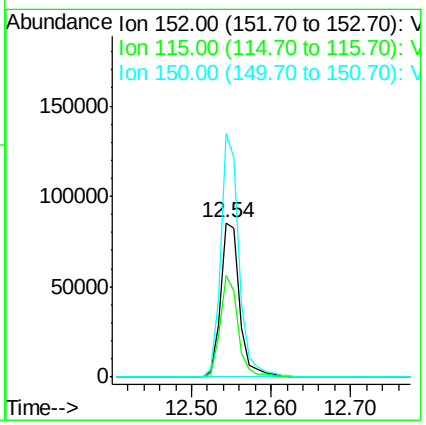


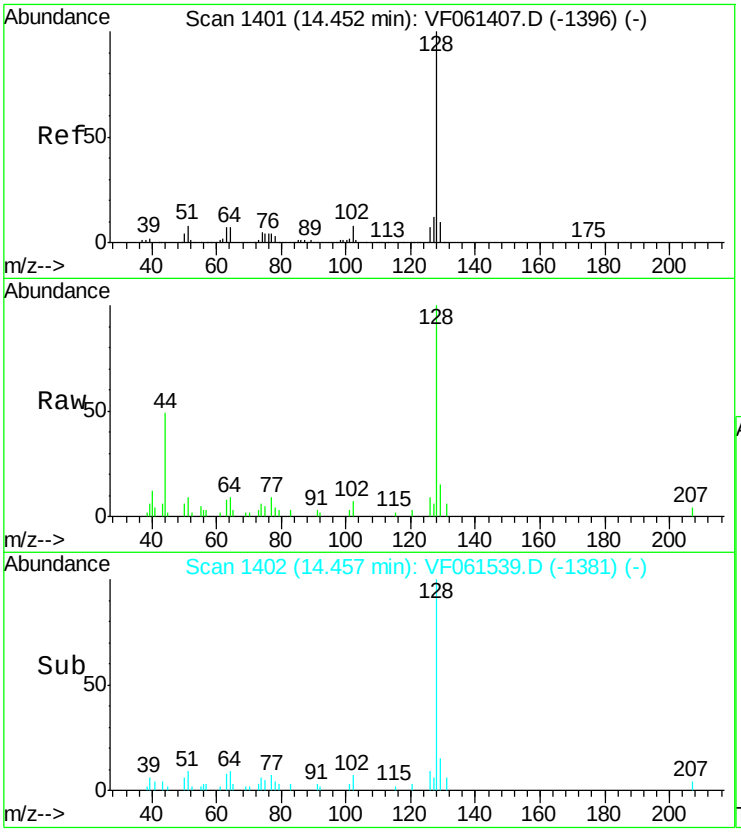


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Tgt Ion:152 Resp: 143774

Ion	Ratio	Lower	Upper
152	100		
115	66.1	30.0	90.0
150	157.9	0.0	321.4





#95
Naphthalene
Concen: 1.372 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VF061539.D
Acq: 28 Jan 2019 14:10

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-B

Tgt Ion:128 Resp: 8437

Ion	Ratio	Lower	Upper
128	100		
127	6.0	9.5	14.3#
129	15.4	8.4	12.6#