Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF012519\
Data File : VF061524.D
Acq On : 25 Jan 2019 16:50
Operator : VA/AP
Sample : K1238-21RE
Misc : 6.78g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jan 28 00:09:17 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	4.88	168	205289	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.60	114	383183	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	343738	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	166571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	100106	39.50	ug/l	0.01
Spiked Amount 50.000			Recovery = 79.00%			
35) Dibromofluoromethane	4.12	113	103143	34.11	ug/l	0.01
Spiked Amount 50.000			Recovery = 68.22%			
50) Toluene-d8	7.56	98	281581	33.99	ug/l	0.01
Spiked Amount 50.000			Recovery = 67.98%			
62) 4-Bromofluorobenzene	11.41	95	139991	36.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.34%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	829	1.265	ug/l	99
11) Tert butyl alcohol	2.56	59	156	1.454	ug/l #	1
13) Acrolein	2.00	56	176	12.163	ug/l	88
14) Allyl chloride	2.11	41	785	Below Cal	#	74
15) Acrylonitrile	2.95	53	396	1.441	ug/l #	28
16) Acetone	2.23	43	19370	38.095	ug/l	97
17) Carbon Disulfide	1.82	76	11357	1.995	ug/l #	76
18) Methyl Acetate	2.34	43	3491	3.462	ug/l	94
23) Vinyl Acetate	3.18	43	366	3.320	ug/l #	78
25) 2-Butanone	4.36	43	1801	2.130	ug/l #	57
29) Tetrahydrofuran	4.07	42	748	2.054	ug/l #	54
49) 1,4-Dioxane	6.40	88	72	Below Cal	#	42
52) Toluene	7.62	92	28064	4.311	ug/l	97

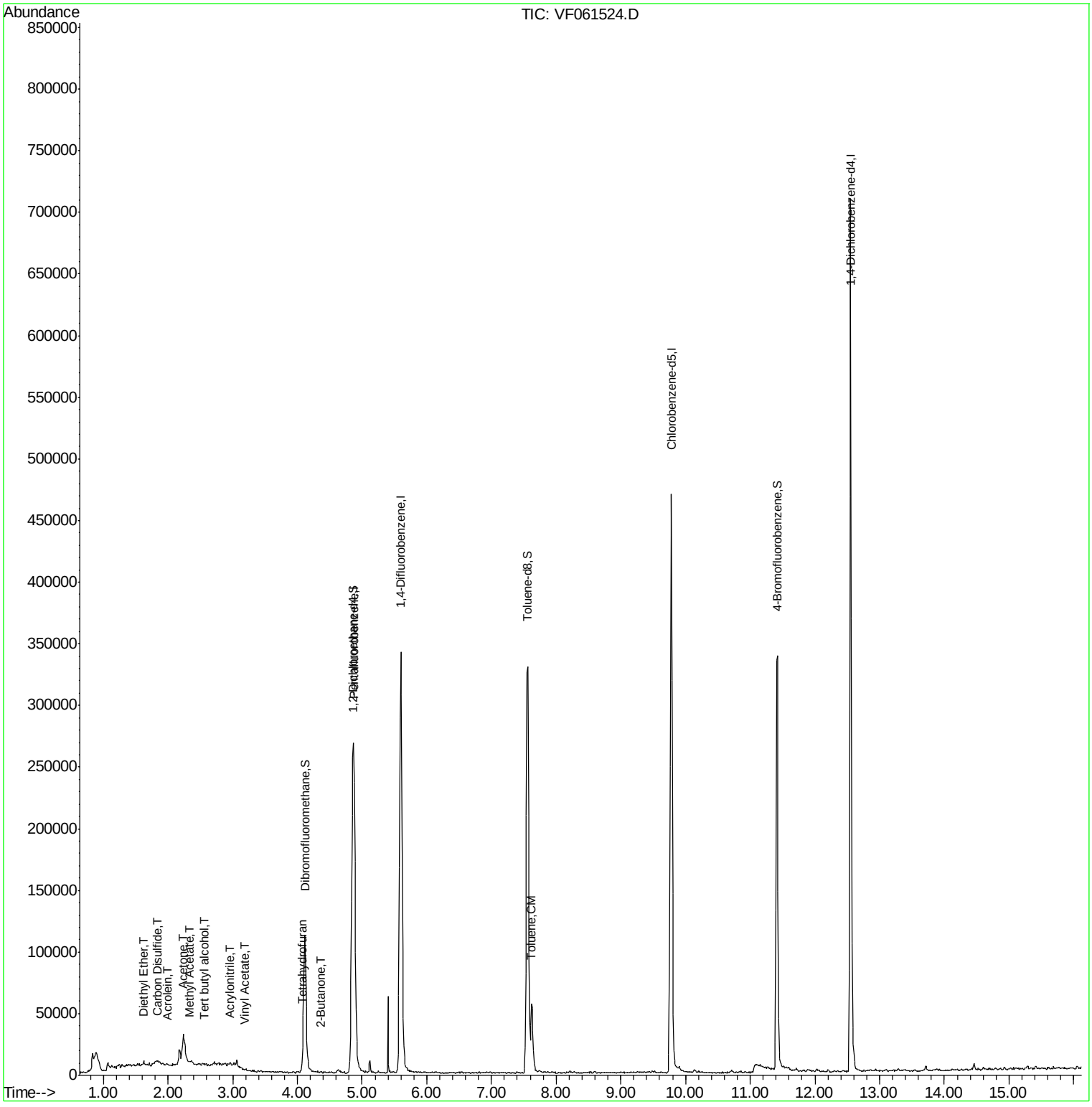
(#) = qualifier out of range (m) = manual integration (+) = signals summed

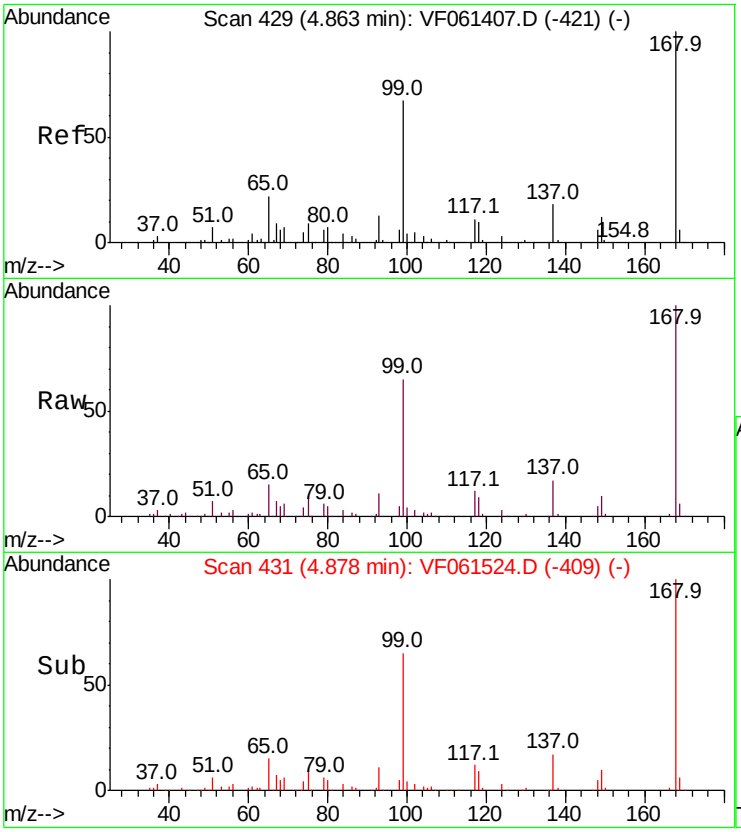
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061524.D
Acq On : 25 Jan 2019 16:50
Operator : VA/AP
Sample : K1238-21RE
Misc : 6.78g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jan 28 00:09:17 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

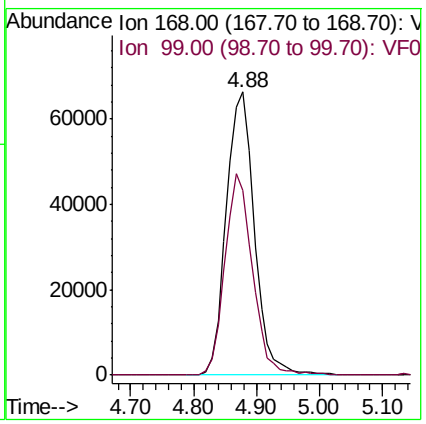




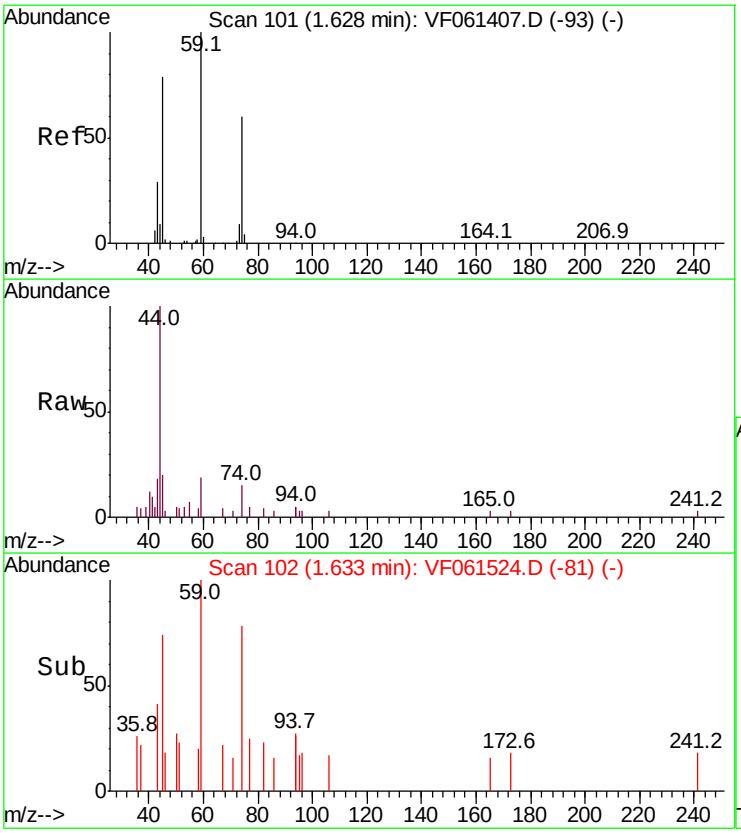
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion:168 Resp: 205289

Ion	Ratio	Lower	Upper
168	100		
99	65.2	53.5	80.3



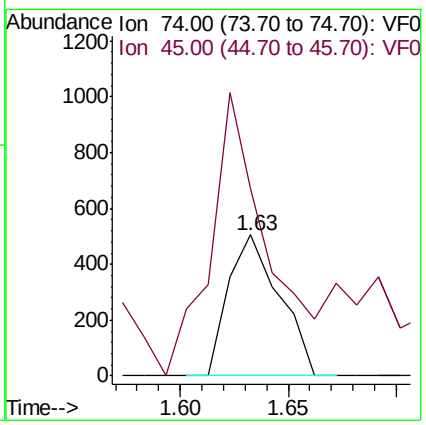
Instrument :
MSVOA_F
ClientSampleId :

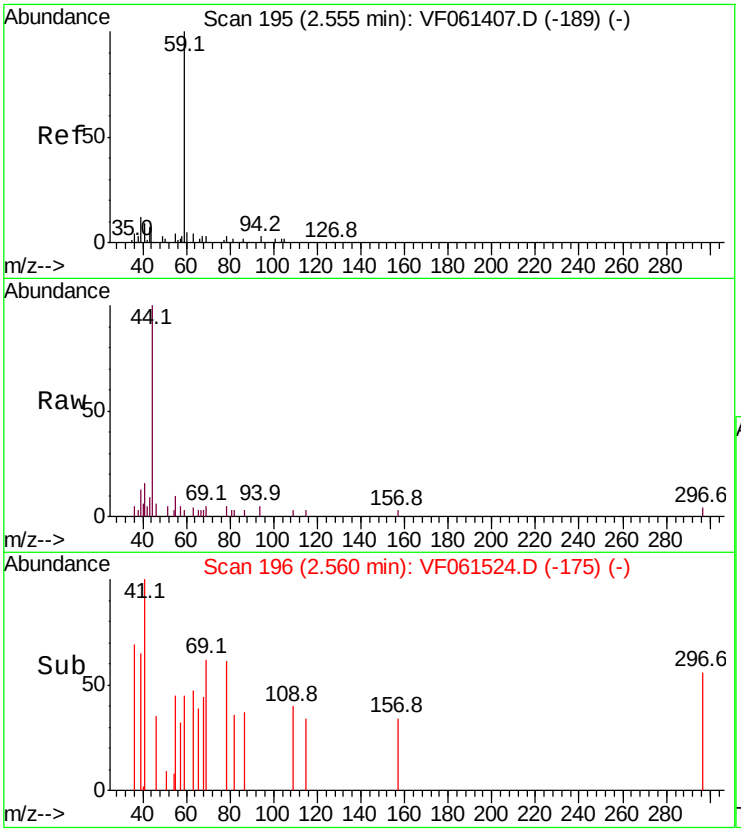


#8
Diethyl Ether
Concen: 1.265 ug/l
RT: 1.63 min Scan# 102
Delta R.T. 0.00 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion: 74 Resp: 829

Ion	Ratio	Lower	Upper
74	100		
45	132.8	65.8	197.5



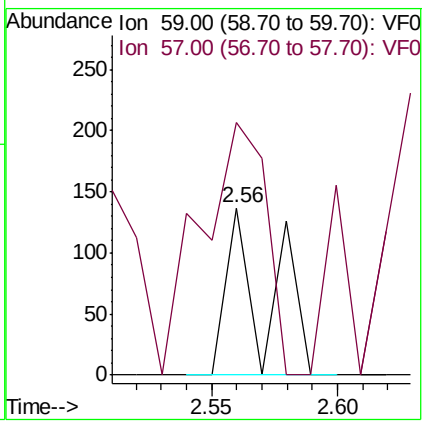


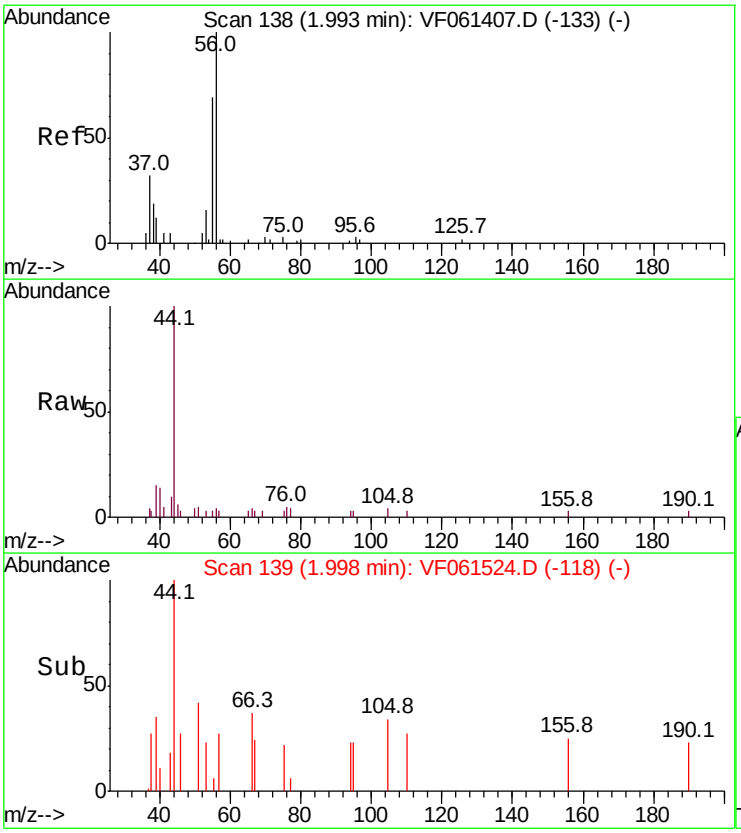
#11
Tert butyl alcohol
Concen: 1.454 ug/l
RT: 2.56 min Scan# 196
Delta R.T. 0.00 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 156

Ion	Ratio	Lower	Upper
59	100		
57	151.1	11.9	17.9#

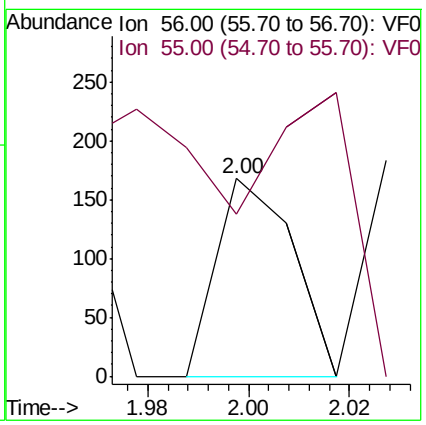


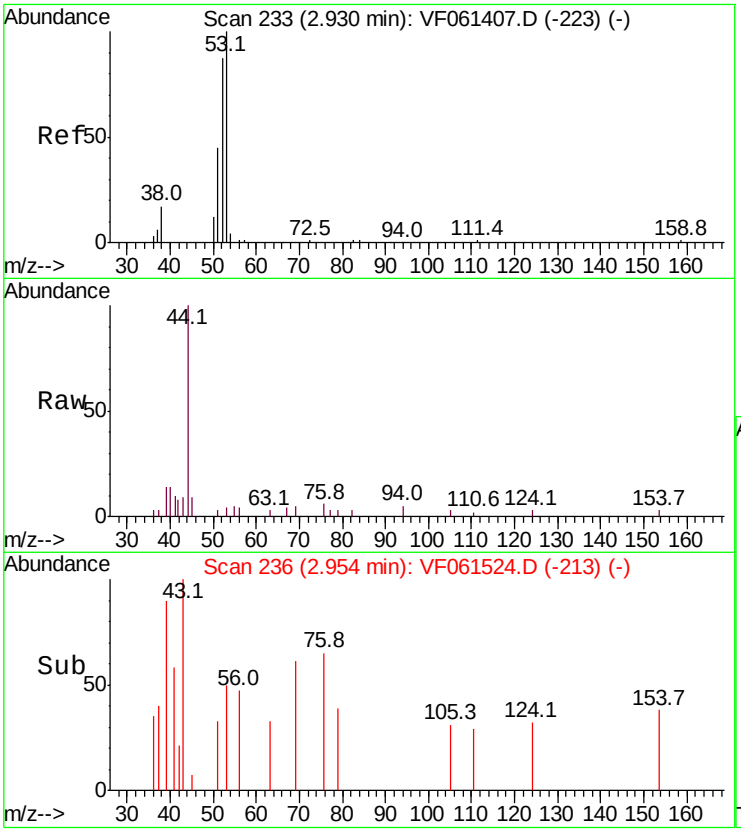


#13
Acrolein
Concen: 12.163 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.01 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion: 56 Resp: 176

Ion	Ratio	Lower	Upper
56	100		
55	82.1	57.5	86.3



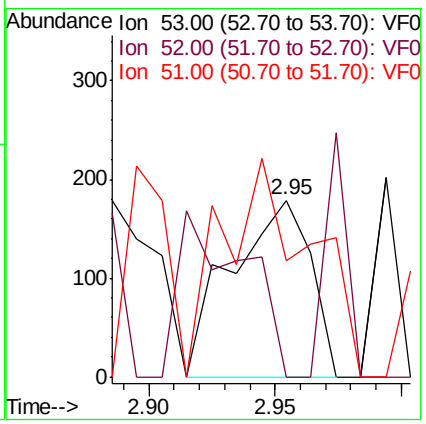


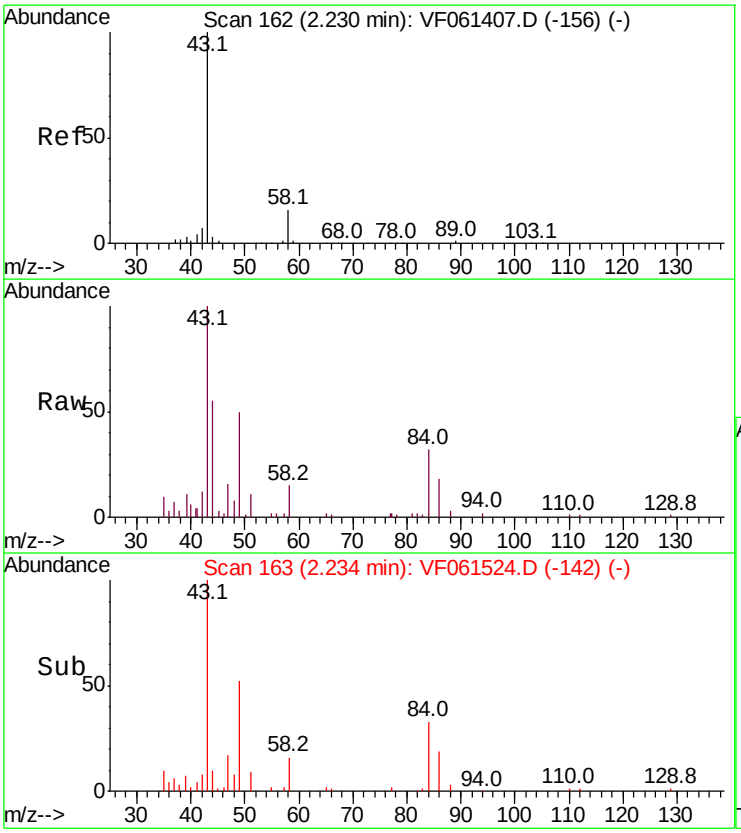
#15
Acrylonitrile
Concen: 1.441 ug/l
RT: 2.95 min Scan# 236
Delta R.T. 0.02 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 396

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.6	104.4#
51	65.4	36.8	55.2#

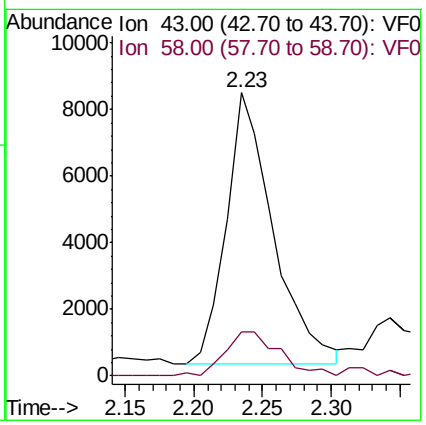


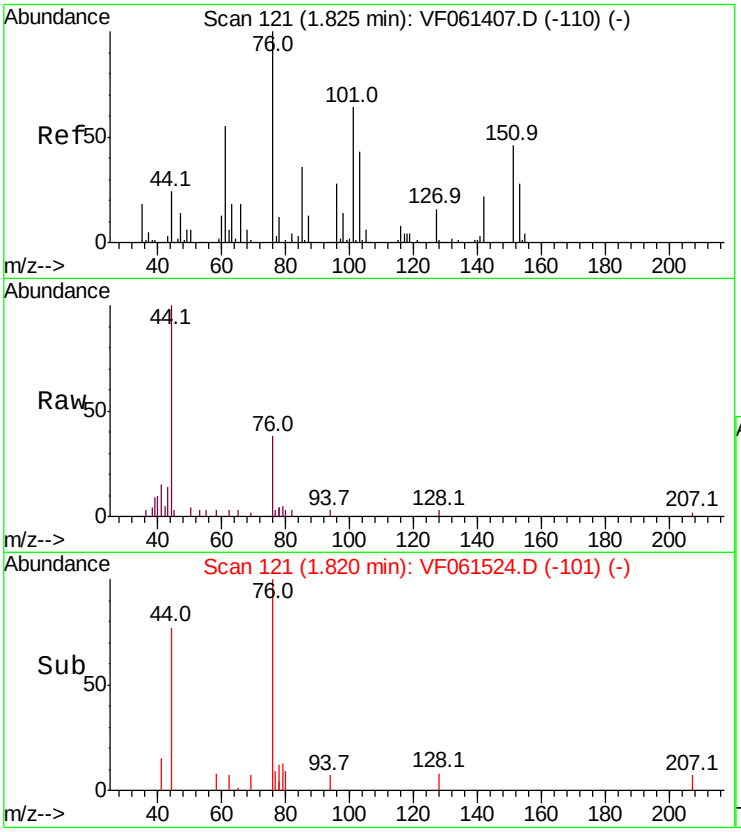


#16
Acetone
Concen: 38.095 ug/l
RT: 2.23 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion: 43 Resp: 19370

Ion	Ratio	Lower	Upper
43	100		
58	15.4	13.3	19.9



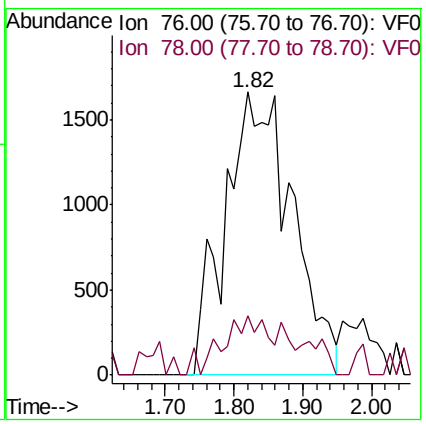


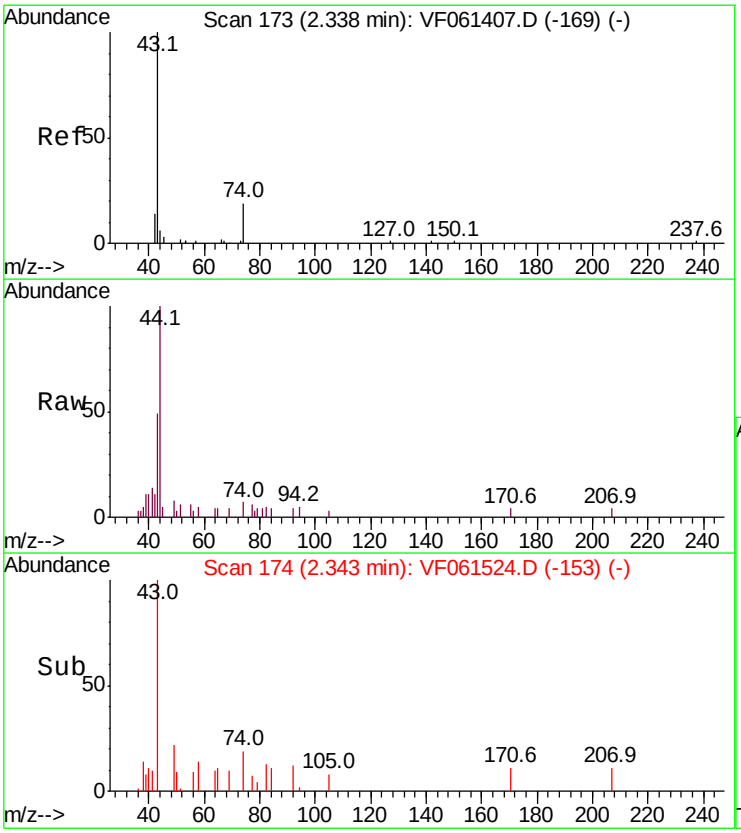
#17
Carbon Disulfide
Concen: 1.995 ug/l
RT: 1.82 min Scan# 121
Delta R.T. -0.01 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 11357

Ion	Ratio	Lower	Upper
76	100		
78	21.2	9.6	14.4#

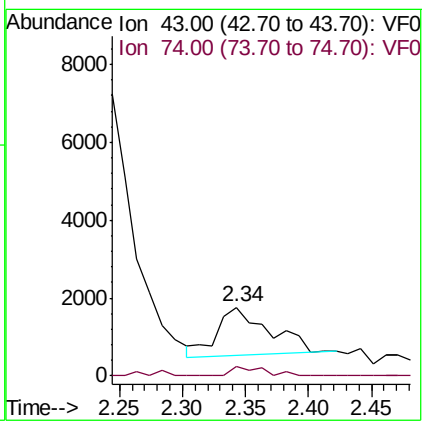


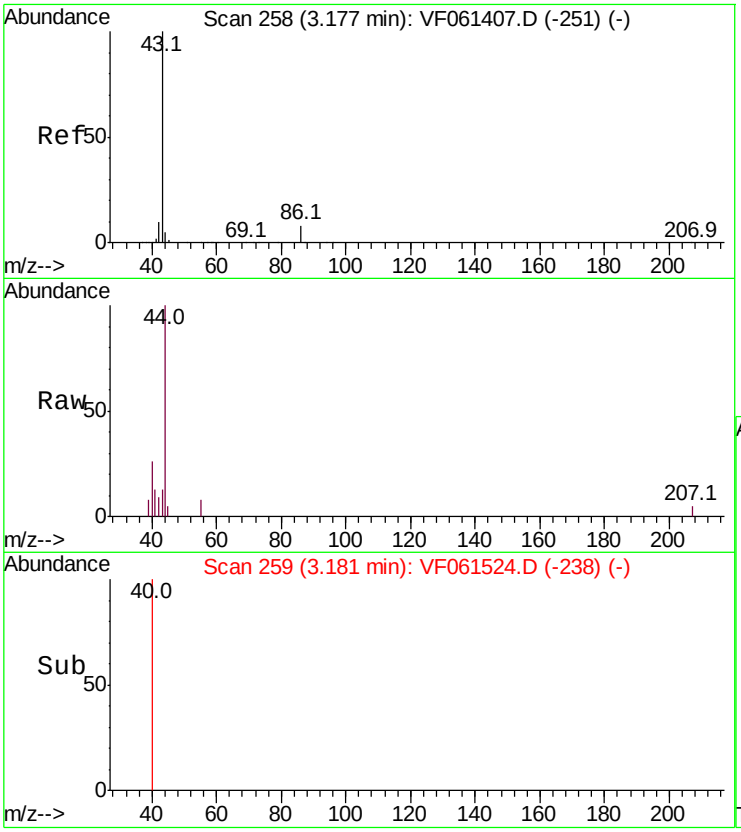


#18
Methyl Acetate
Concen: 3.462 ug/l
RT: 2.34 min Scan# 174
Delta R.T. 0.00 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion: 43 Resp: 3491

Ion	Ratio	Lower	Upper
43	100		
74	14.2	13.4	20.0



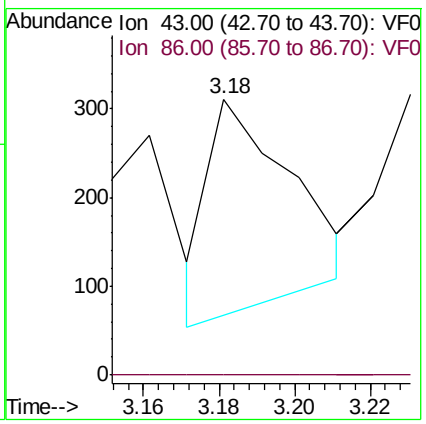


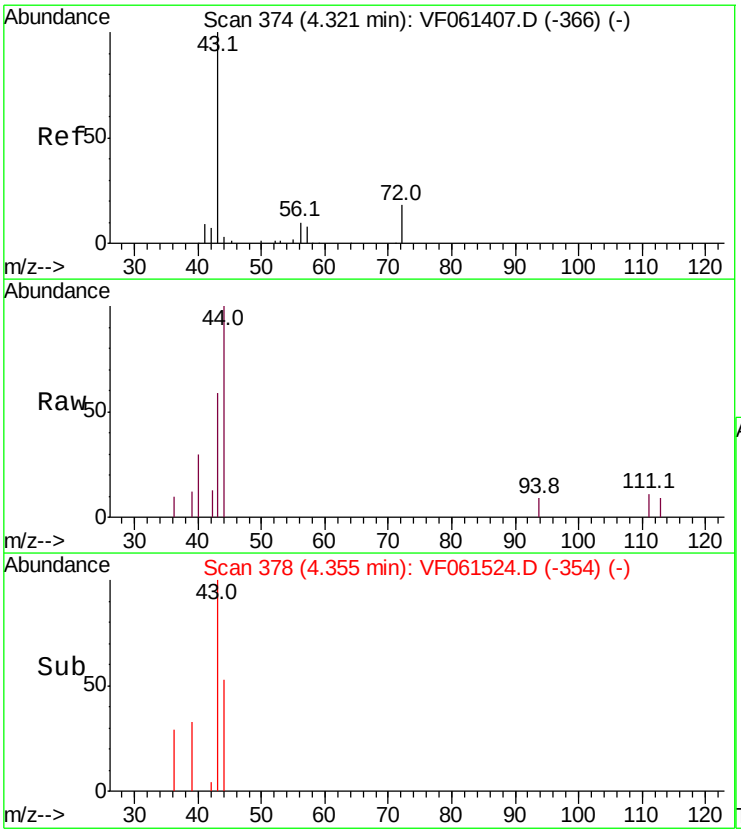
#23
Vinyl Acetate
Concen: 3.320 ug/l
RT: 3.18 min Scan# 259
Delta R.T. 0.01 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 366

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

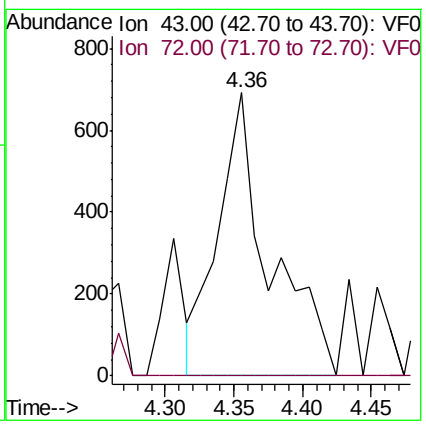


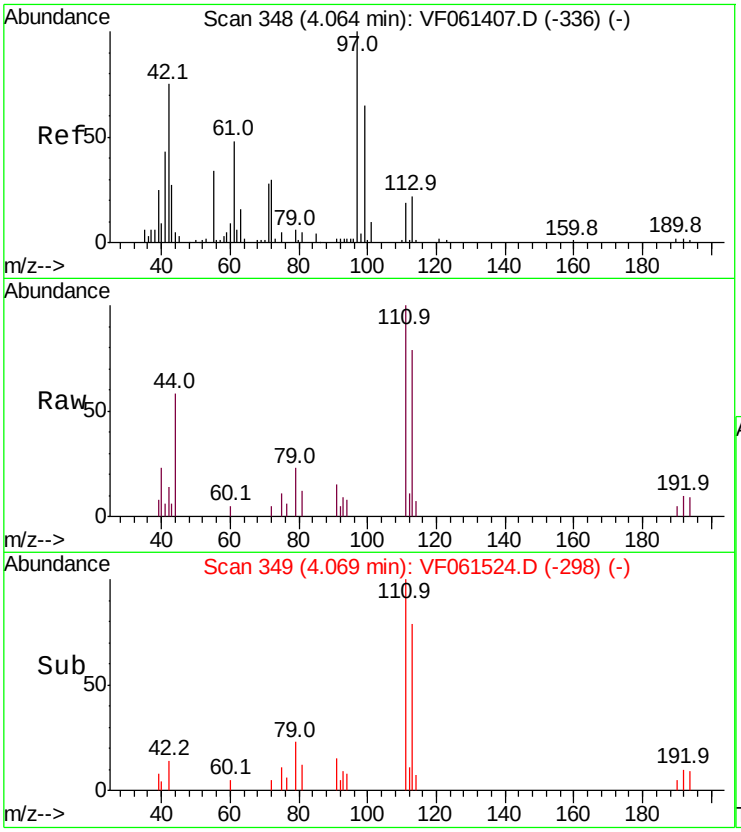


#25
2-Butanone
Concen: 2.130 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.03 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion: 43 Resp: 1801

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#



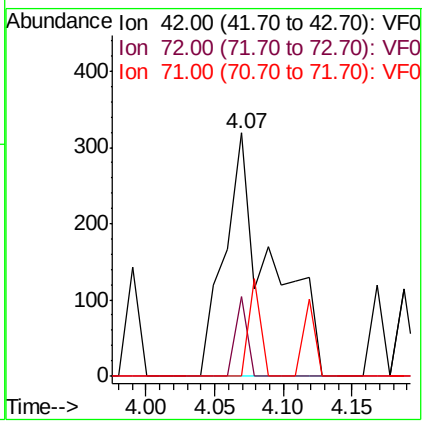


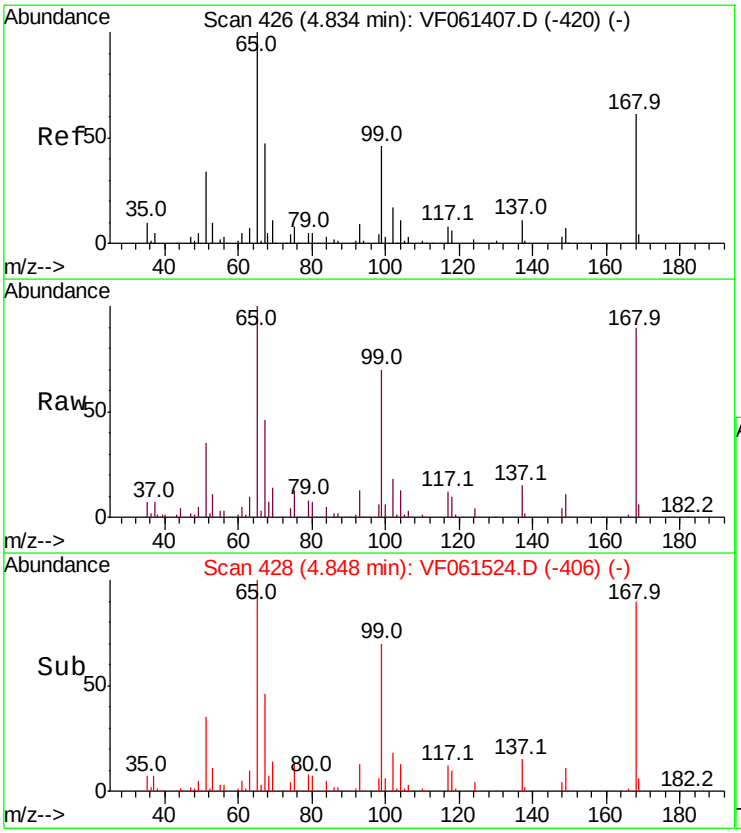
#29
Tetrahydrofuran
Concen: 2.054 ug/l
RT: 4.07 min Scan# 349
Delta R.T. 0.00 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 748

Ion	Ratio	Lower	Upper
42	100		
72	8.3	28.9	43.3#
71	10.2	29.6	44.4#

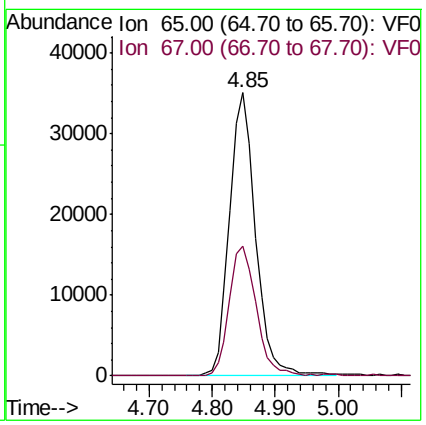


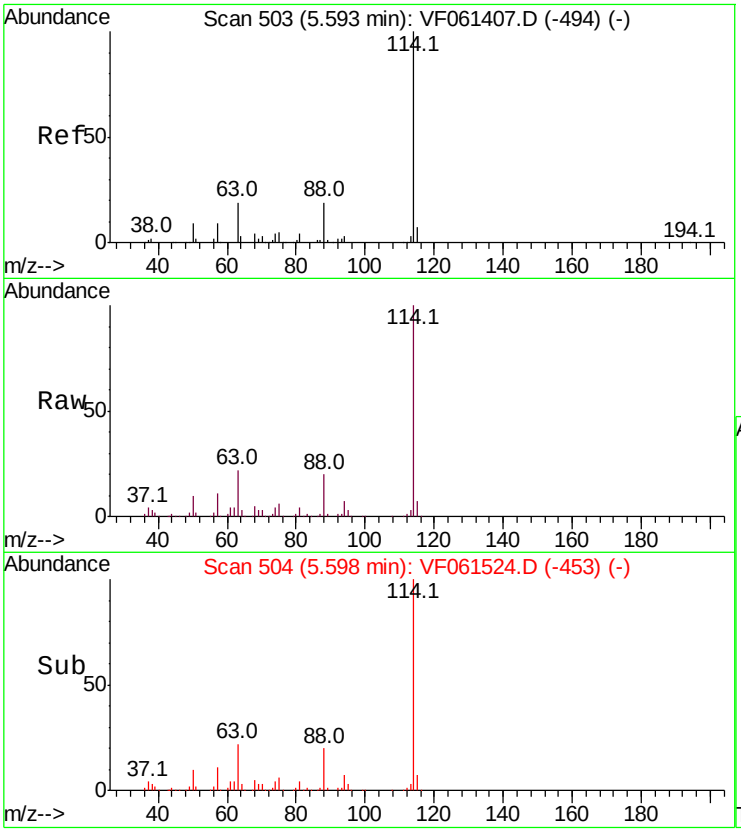


#33
1,2-Dichloroethane-d4
Concen: 39.496 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion: 65 Resp: 100106

Ion	Ratio	Lower	Upper
65	100		
67	45.9	0.0	99.8



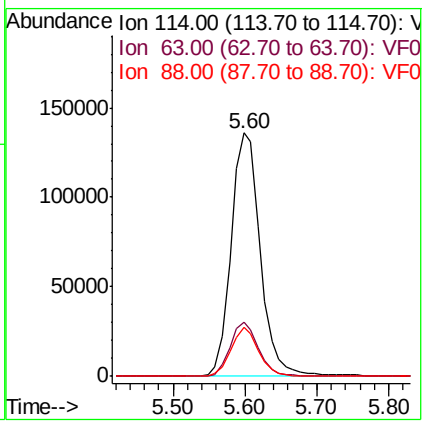


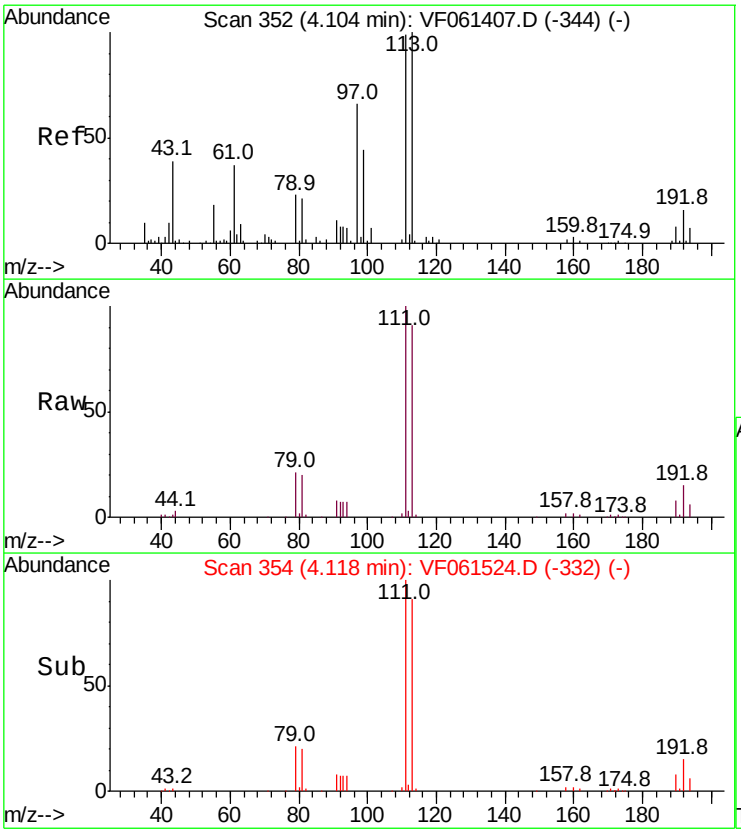
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.00 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 383183

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	39.0
88	20.1	0.0	37.4

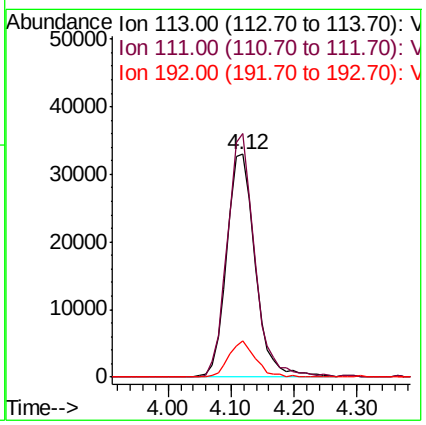


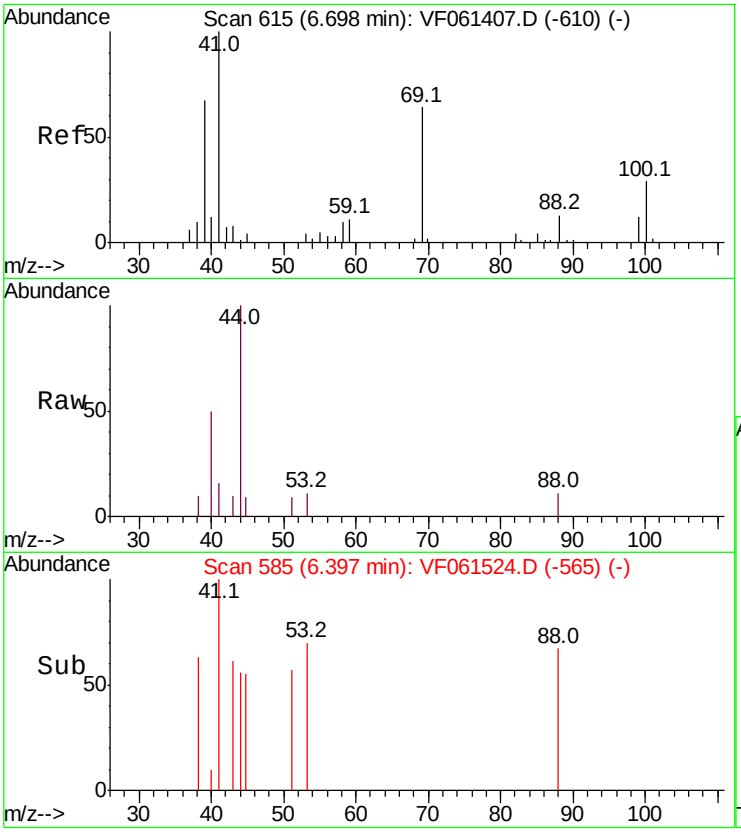


#35
Dibromofluoromethane
Concen: 34.112 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion:113 Resp: 103143

Ion	Ratio	Lower	Upper
113	100		
111	109.4	79.4	119.0
192	16.5	12.4	18.6



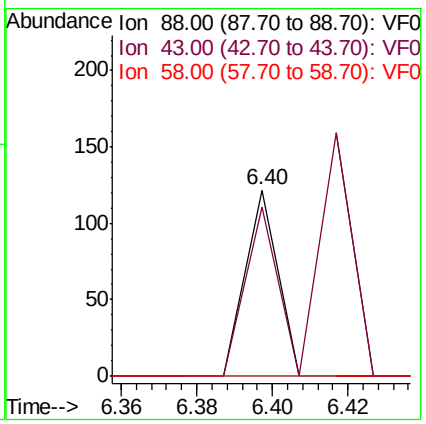


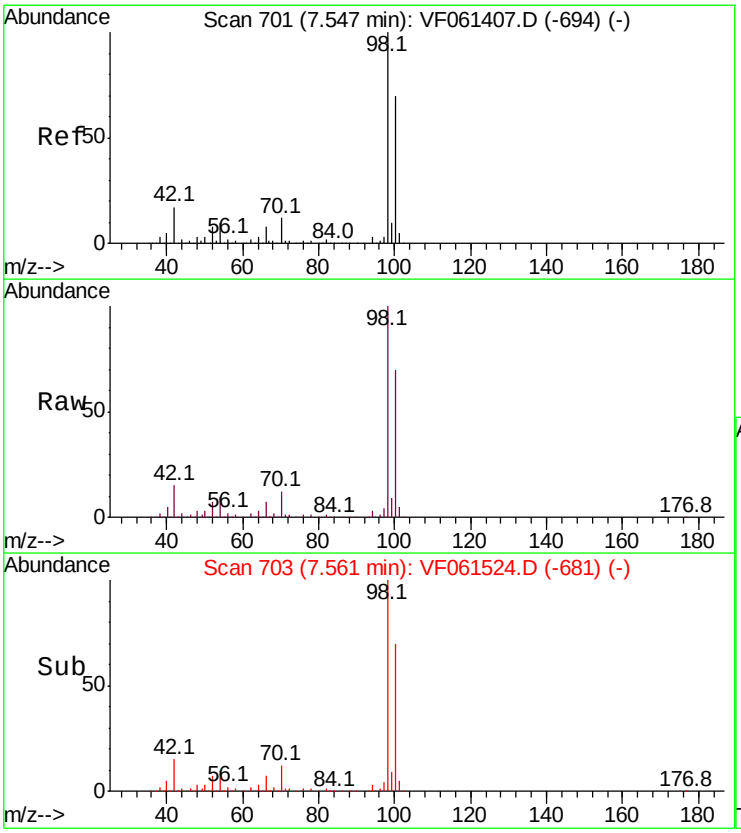
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.40 min Scan# 585
Delta R.T. -0.30 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	91.0	55.5	83.3#
58	0.0	59.9	89.9#

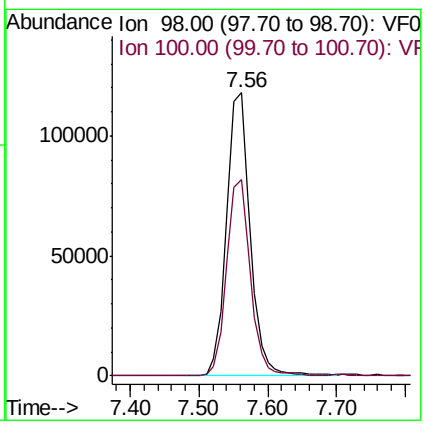


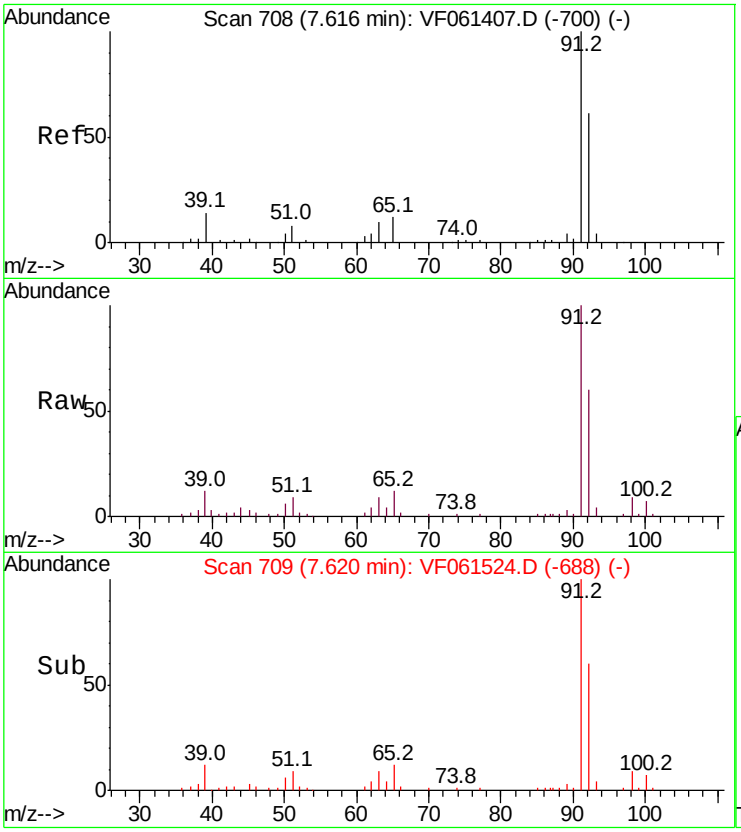


#50
Toluene-d8
Concen: 33.990 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion: 98 Resp: 281581

Ion	Ratio	Lower	Upper
98	100		
100	69.5	55.6	83.4



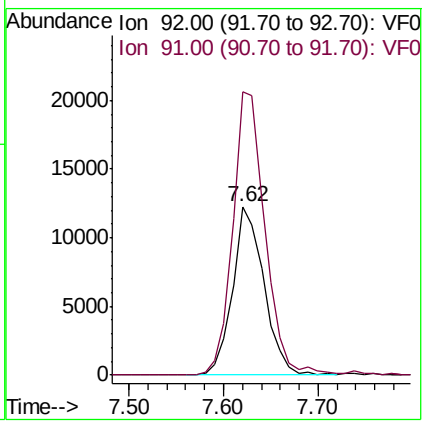


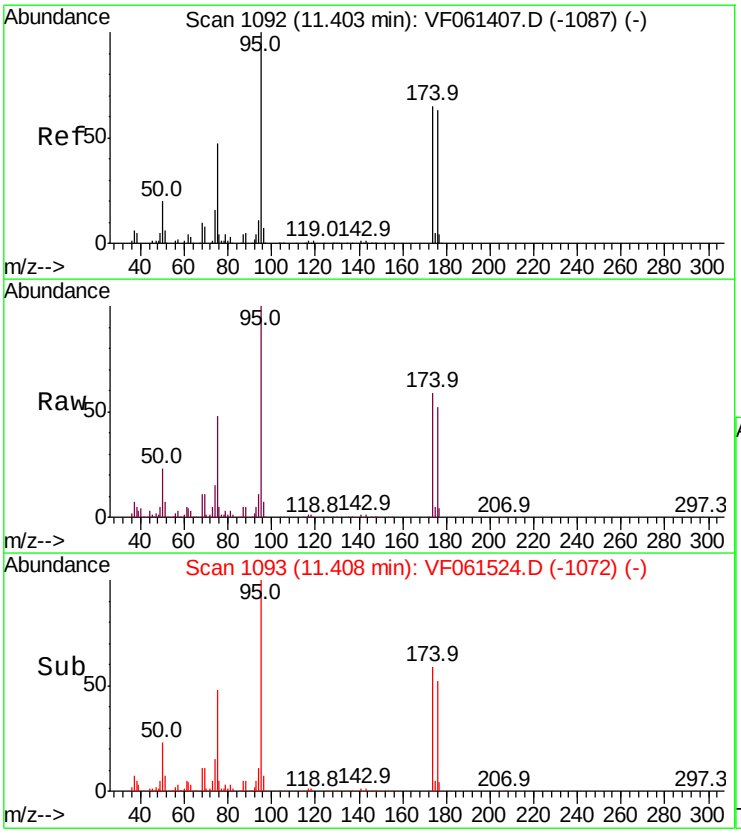
#52
Toluene
Concen: 4.311 ug/l
RT: 7.62 min Scan# 709
Delta R.T. 0.00 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 28064

Ion	Ratio	Lower	Upper
92	100		
91	168.0	131.2	196.8

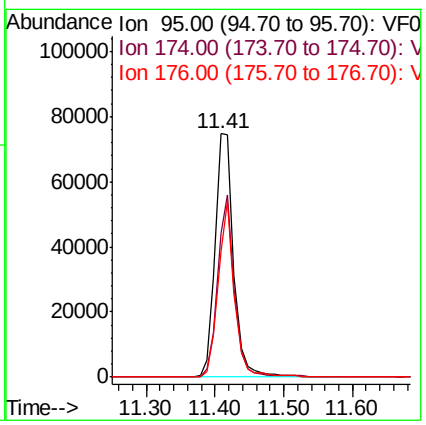


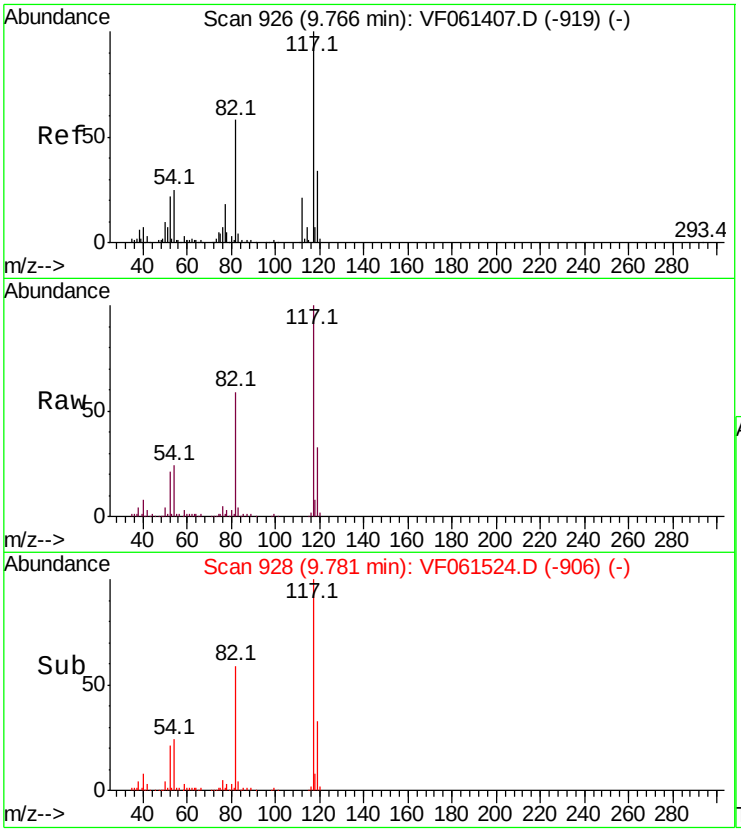


#62
4-Bromofluorobenzene
Concen: 36.168 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion: 95 Resp: 139991

Ion	Ratio	Lower	Upper
95	100		
174	58.8	0.0	130.4
176	51.9	0.0	126.2



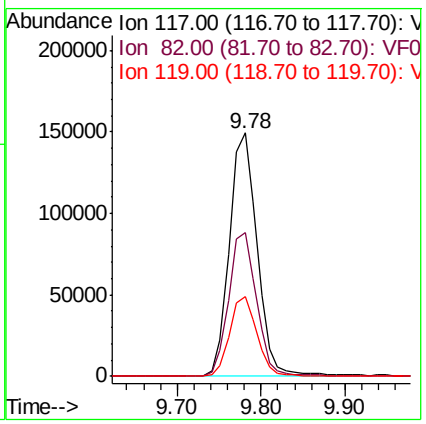


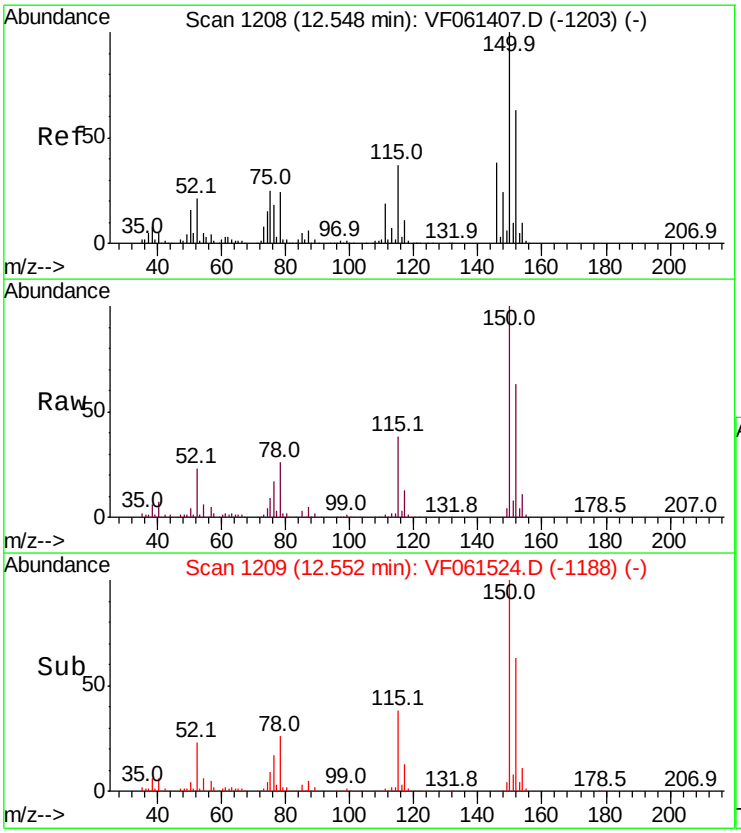
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 343738

Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.4	69.6
119	32.9	27.2	40.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion:152 Resp: 166571

Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.0	90.0
150	158.8	0.0	321.4