Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF012519\
Data File : VF061522.D
Acq On : 25 Jan 2019 15:52
Operator : VA/AP
Sample : K1238-01RE
Misc : 7.19g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jan 28 00:08:51 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	4.87	168	197254	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.59	114	354023	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	313186	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	160932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	100087	41.10	ug/l	0.01
Spiked Amount 50.000			Recovery = 82.20%			
35) Dibromofluoromethane	4.11	113	113238	40.54	ug/l	0.01
Spiked Amount 50.000			Recovery = 81.08%			
50) Toluene-d8	7.56	98	271160	35.43	ug/l	0.01
Spiked Amount 50.000			Recovery = 70.86%			
62) 4-Bromofluorobenzene	11.41	95	132775	37.13	ug/l	0.01
Spiked Amount 50.000			Recovery = 74.26%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	509	4.938	ug/l #	64
13) Acrolein	1.98	56	378	14.418	ug/l	89
14) Allyl chloride	2.07	41	486	Below Cal #		45
16) Acetone	2.24	43	25231	51.644	ug/l	94
18) Methyl Acetate	2.35	43	1037	1.070	ug/l #	61
20) Methylene Chloride	2.18	84	5620	1.691	ug/l #	90
23) Vinyl Acetate	3.20	43	635	3.422	ug/l #	78
25) 2-Butanone	4.34	43	1429	1.759	ug/l #	57
29) Tetrahydrofuran	4.10	42	1329	3.799	ug/l #	64
49) 1,4-Dioxane	6.34	88	62	Below Cal #		13
52) Toluene	7.63	92	18826	3.130	ug/l	78
59) 2-Hexanone	9.51	43	1216	1.152	ug/l	82

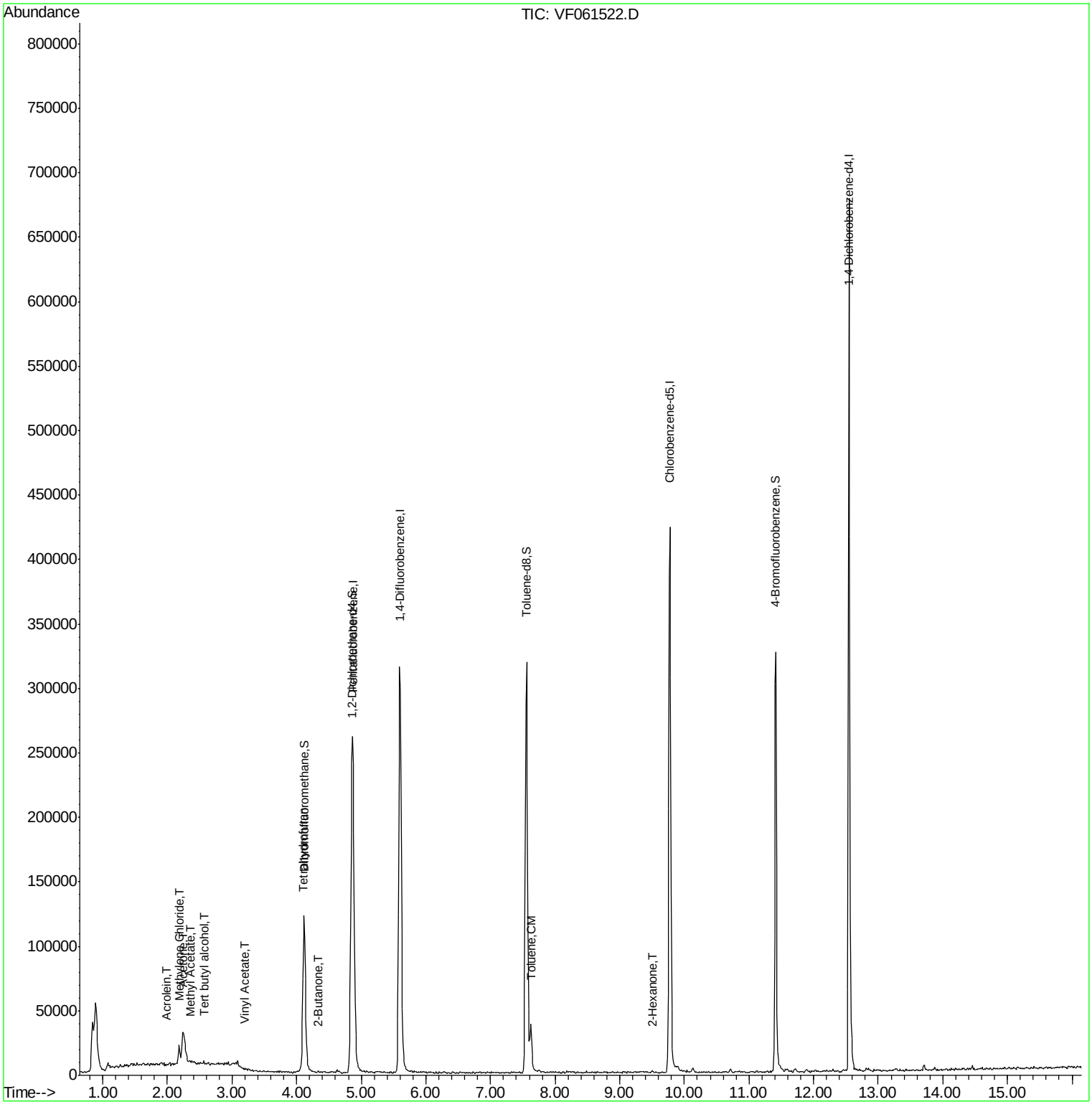
(#) = qualifier out of range (m) = manual integration (+) = signals summed

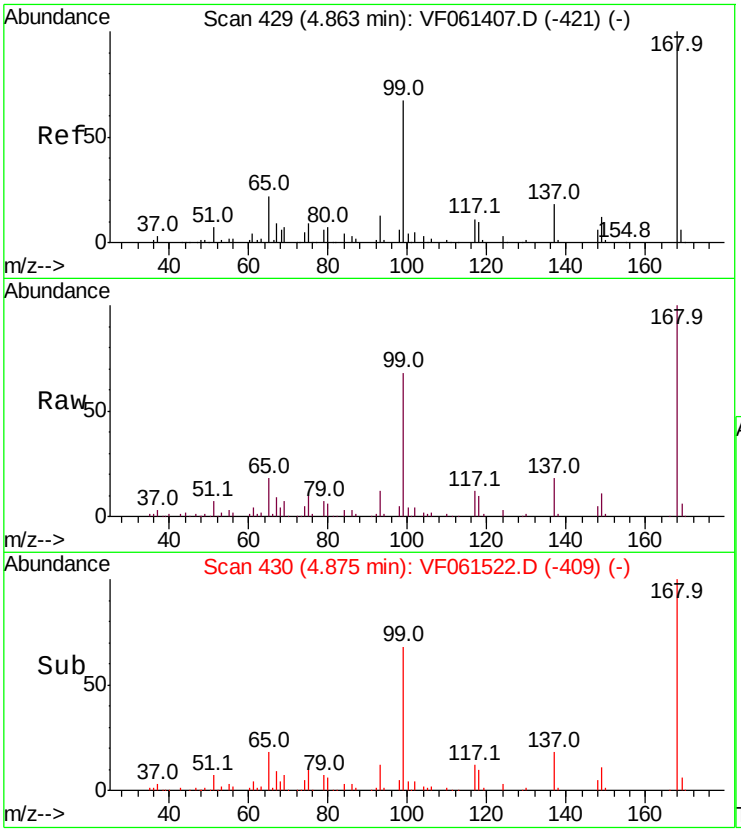
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061522.D
Acq On : 25 Jan 2019 15:52
Operator : VA/AP
Sample : K1238-01RE
Misc : 7.19g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jan 28 00:08:51 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



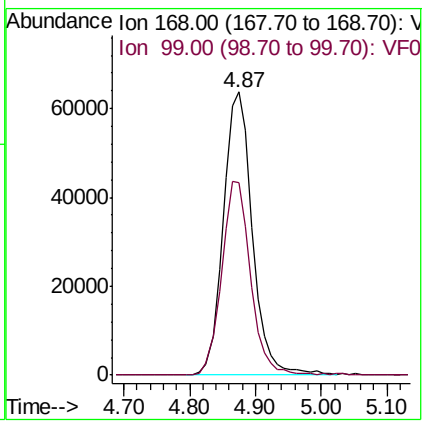


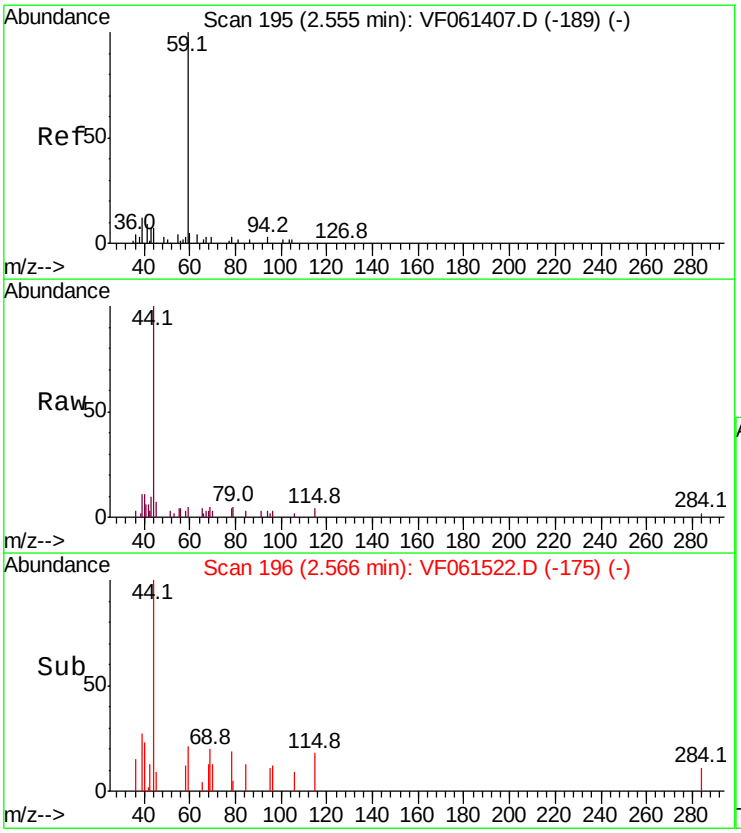
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 197254

Ion	Ratio	Lower	Upper
168	100		
99	68.0	53.5	80.3

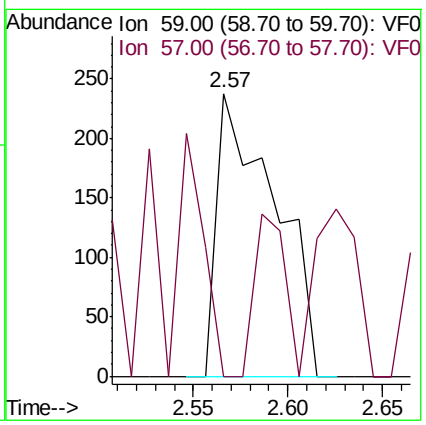


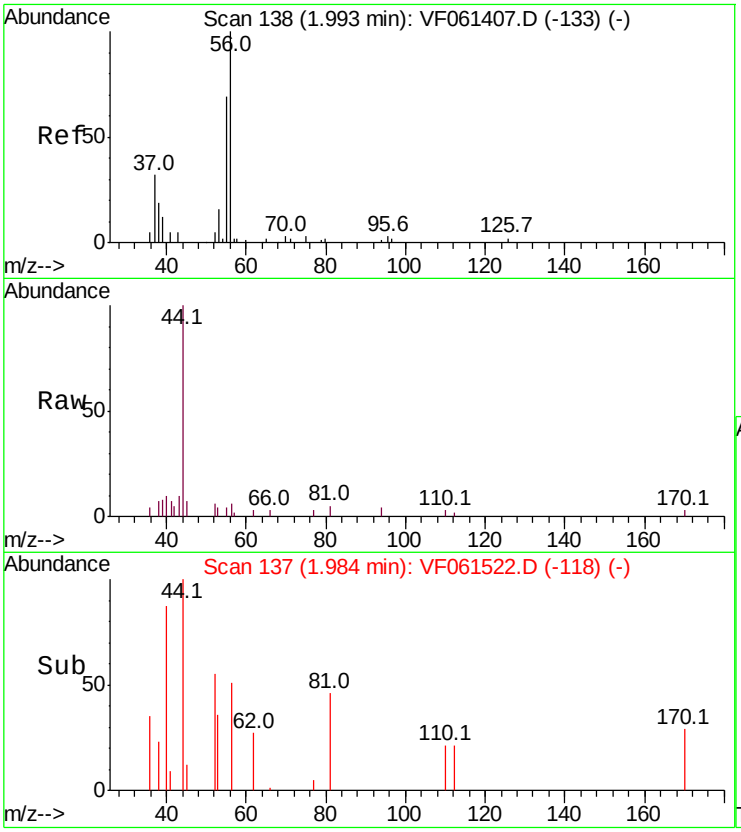


#11
Tert butyl alcohol
Concen: 4.938 ug/l
RT: 2.57 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Tgt Ion: 59 Resp: 509

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.9	17.9#



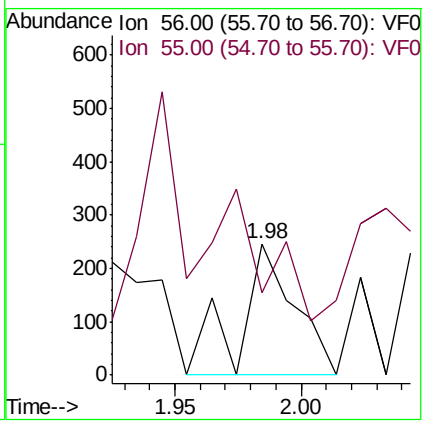


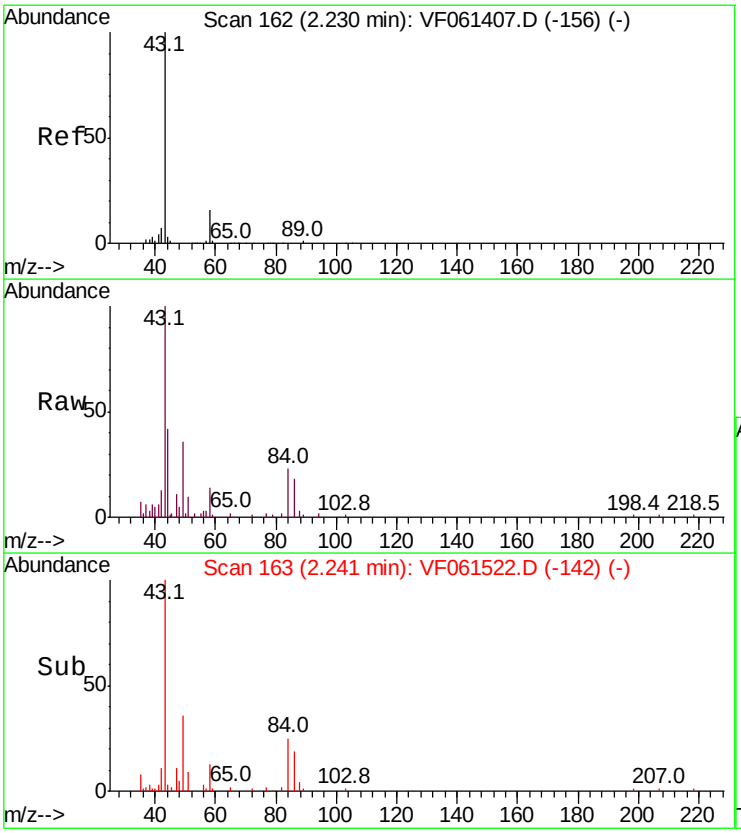
#13
Acrolein
Concen: 14.418 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 378

Ion	Ratio	Lower	Upper
56	100		
55	62.6	57.5	86.3

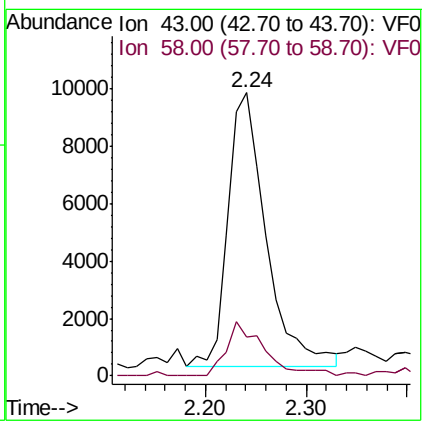


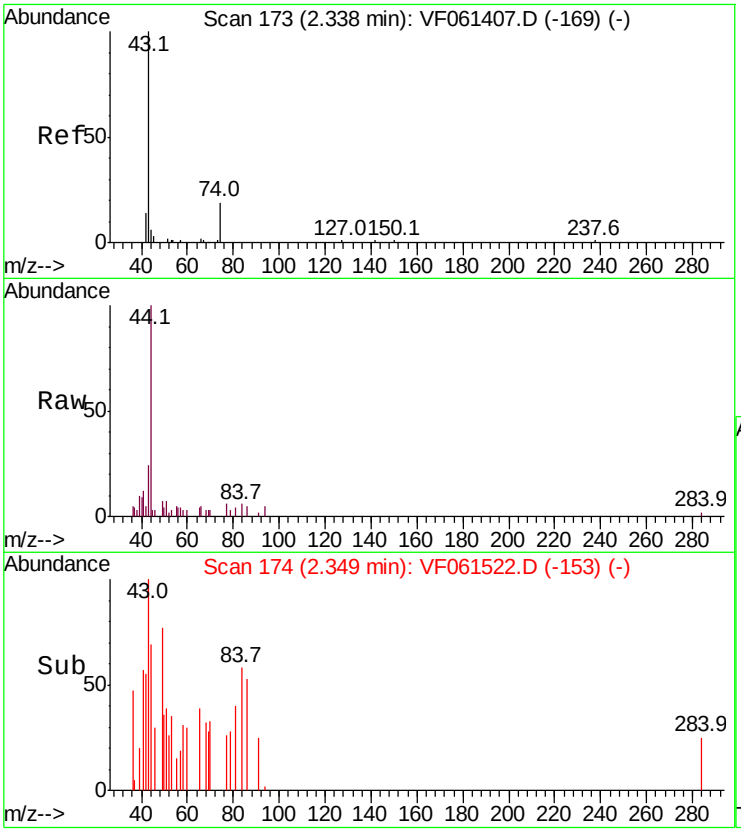


#16
Acetone
Concen: 51.644 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Tgt Ion: 43 Resp: 25231

Ion	Ratio	Lower	Upper
43	100		
58	13.9	13.3	19.9



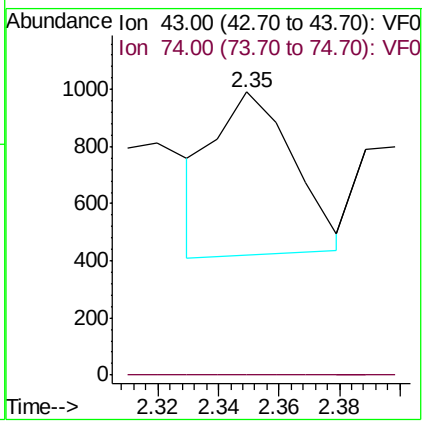


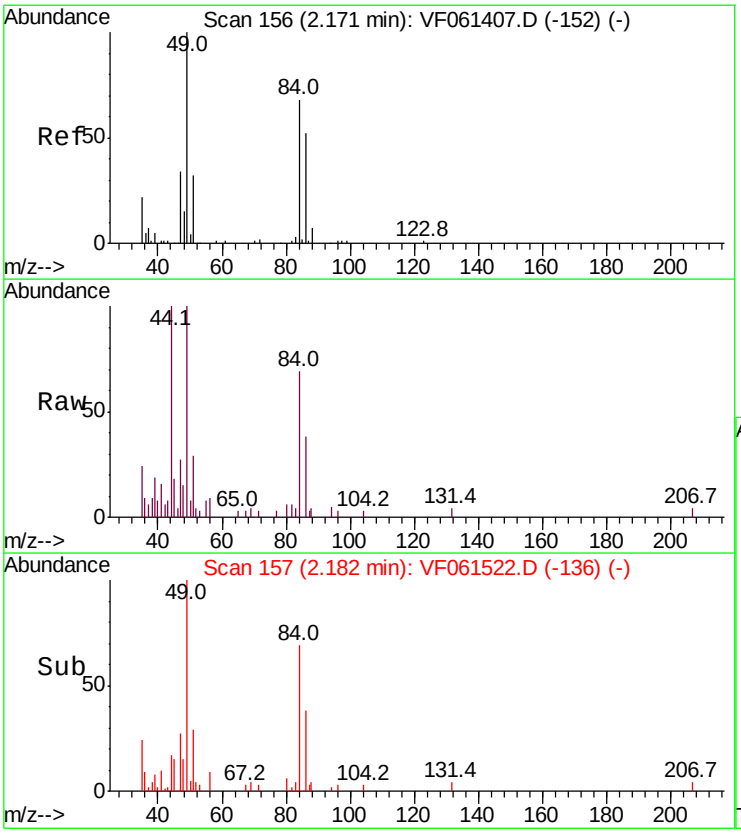
#18
Methyl Acetate
Concen: 1.070 ug/l
RT: 2.35 min Scan# 174
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1037

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#

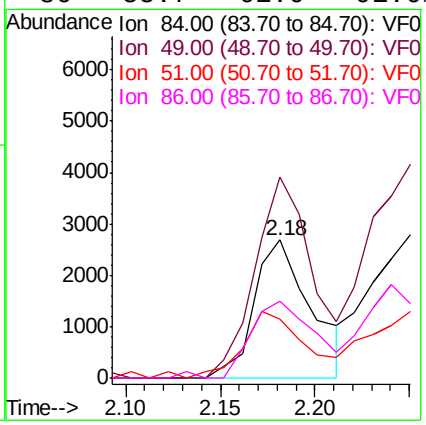


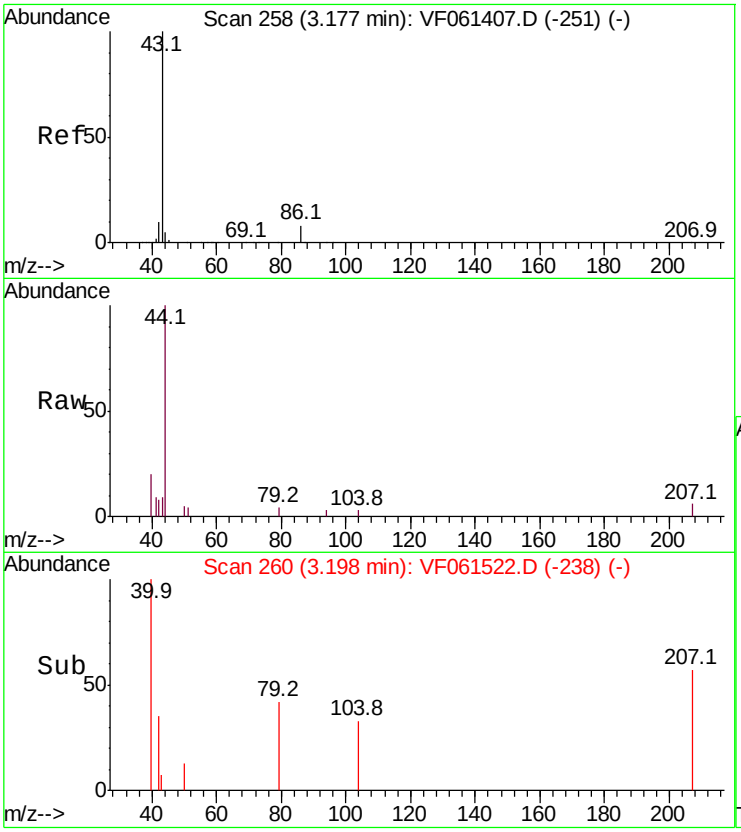


#20
Methylene Chloride
Concen: 1.691 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Tgt Ion: 84 Resp: 5620

Ion	Ratio	Lower	Upper
84	100		
49	146.0	120.0	180.0
51	42.3	38.6	58.0
86	55.7	61.0	91.6#



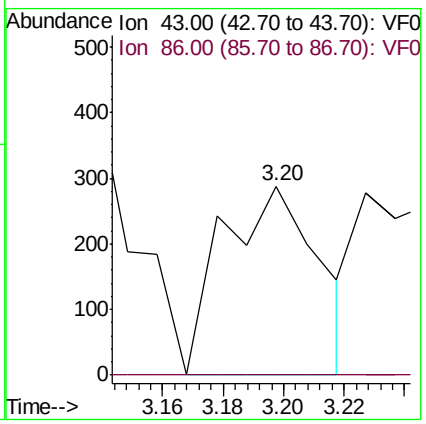


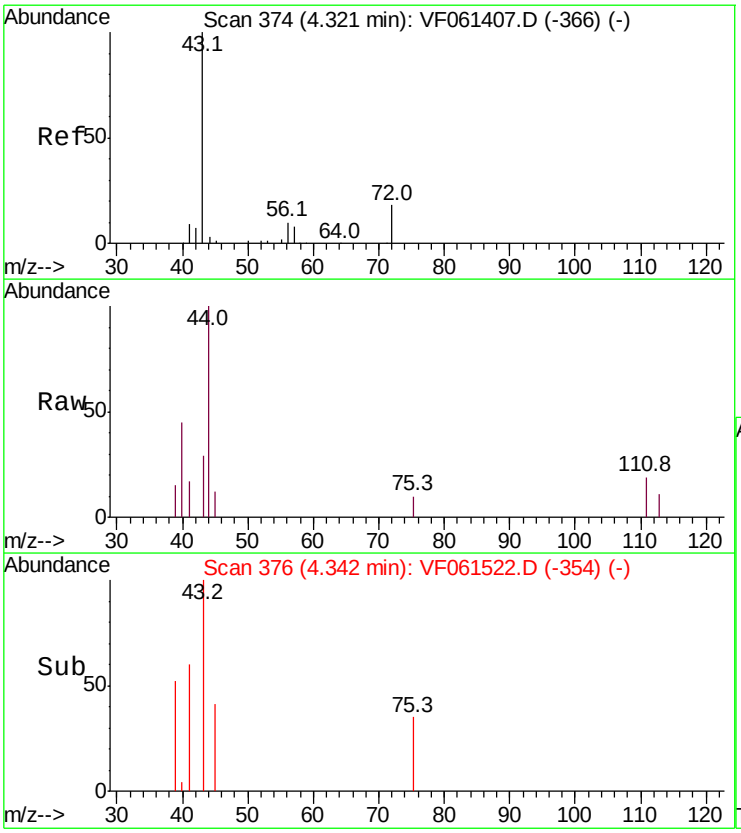
#23
Vinyl Acetate
Concen: 3.422 ug/l
RT: 3.20 min Scan# 260
Delta R.T. 0.02 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 635

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

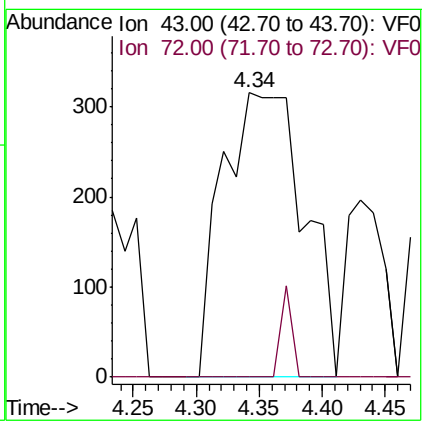


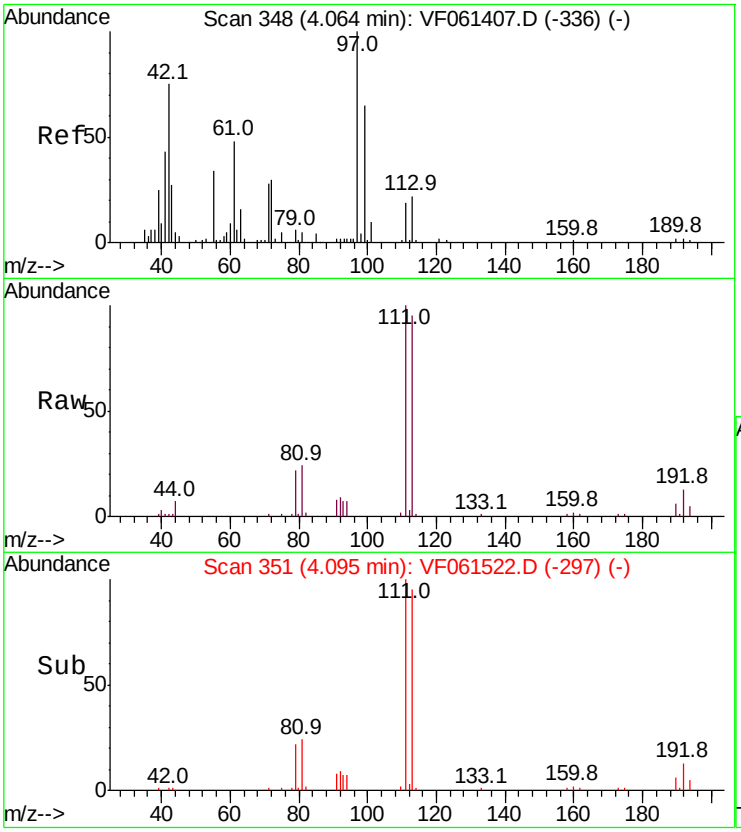


#25
2-Butanone
Concen: 1.759 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.02 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Tgt Ion: 43 Resp: 1429

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#



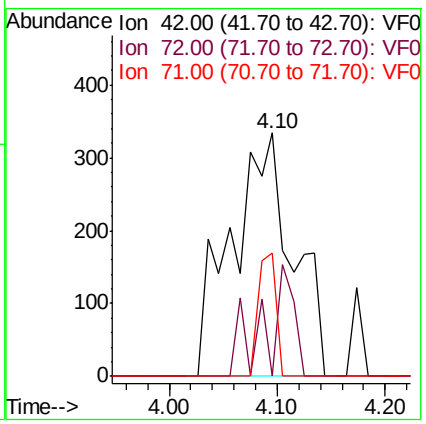


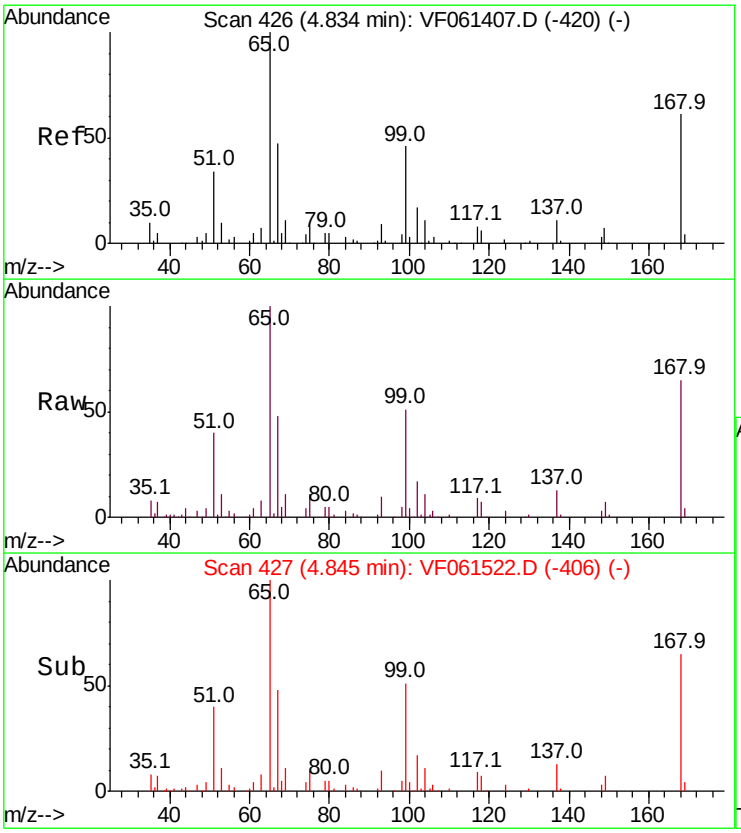
#29
Tetrahydrofuran
Concen: 3.799 ug/l
RT: 4.10 min Scan# 351
Delta R.T. 0.03 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1329

Ion	Ratio	Lower	Upper
42	100		
72	16.2	28.9	43.3#
71	14.6	29.6	44.4#

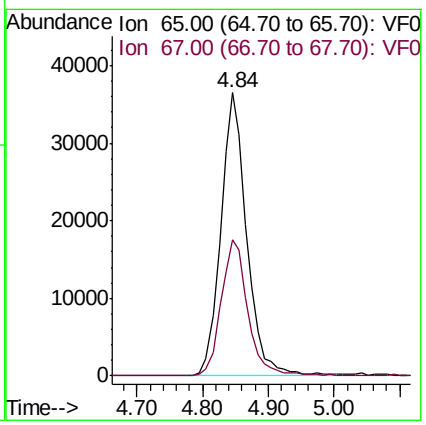


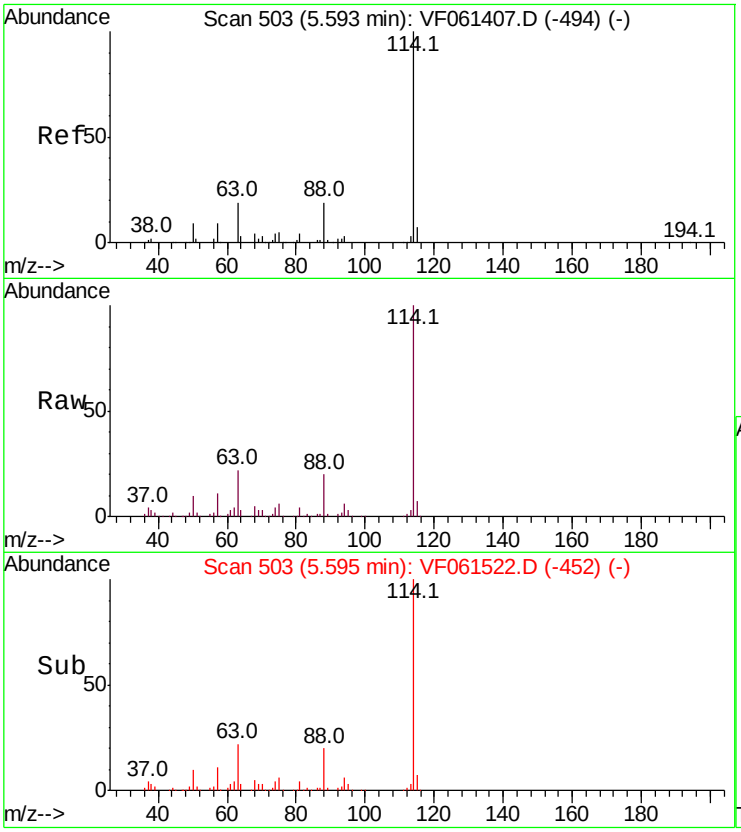


#33
1,2-Dichloroethane-d4
Concen: 41.097 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Tgt Ion: 65 Resp: 100087

Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	99.8



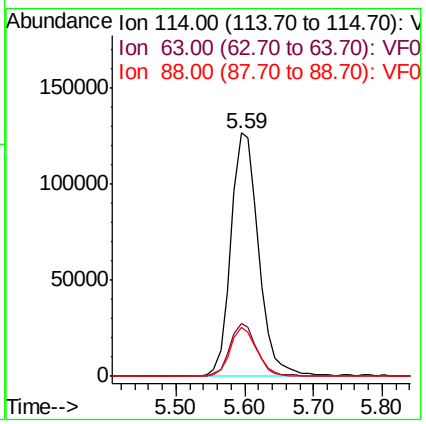


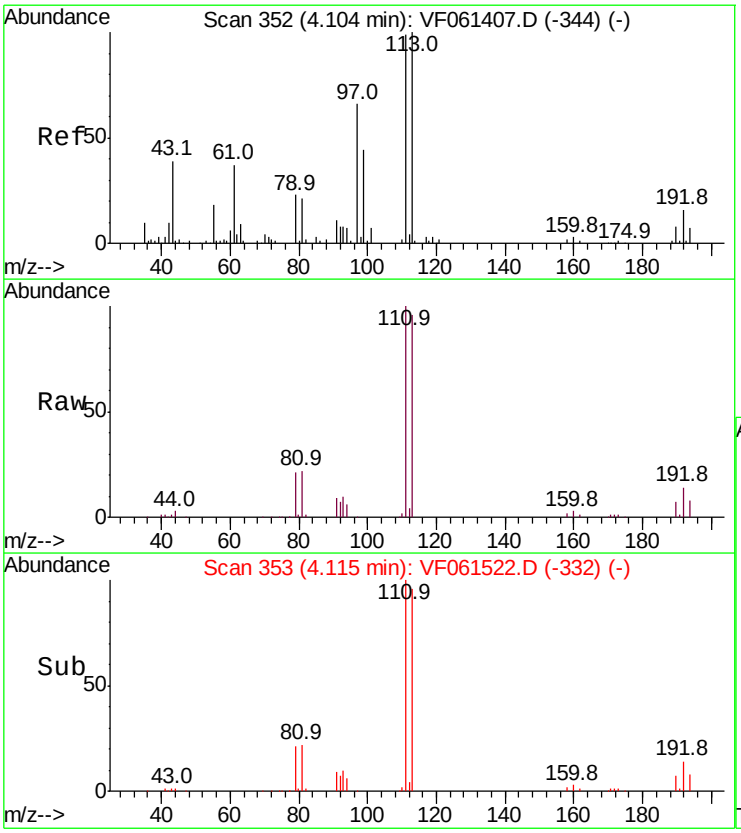
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. 0.00 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 354023

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	39.0
88	20.1	0.0	37.4

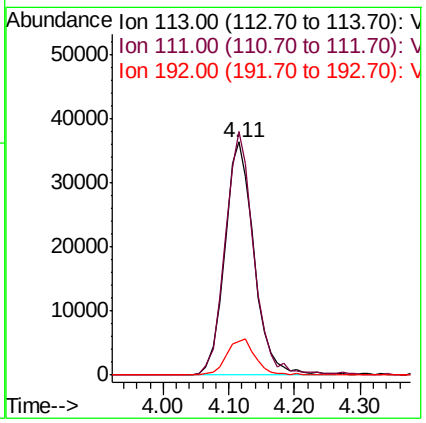


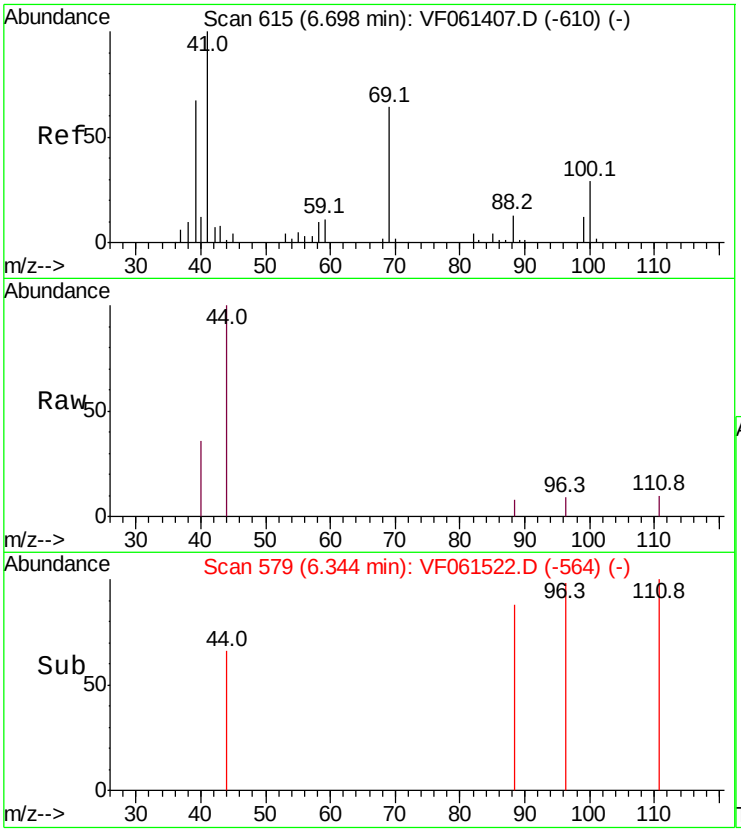


#35
Dibromofluoromethane
Concen: 40.536 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Tgt Ion:113 Resp: 113238

Ion	Ratio	Lower	Upper
113	100		
111	104.3	79.4	119.0
192	14.3	12.4	18.6



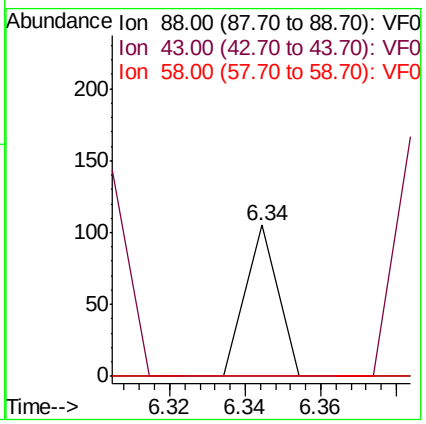


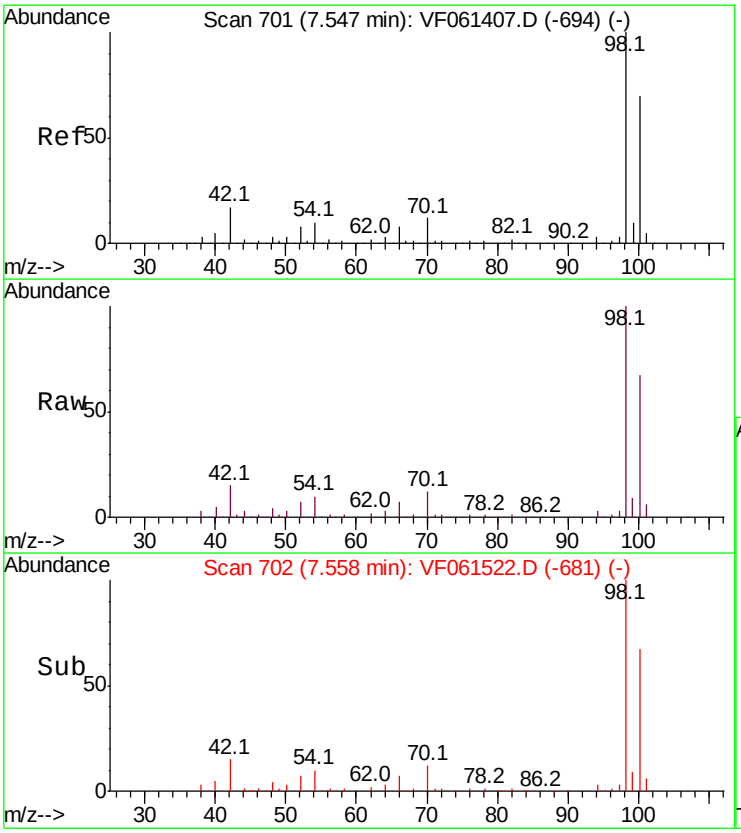
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.34 min Scan# 579
Delta R.T. -0.35 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument : MSVOA_F
ClientSampleId :

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#

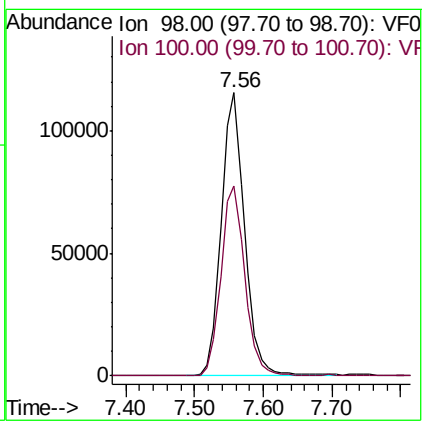


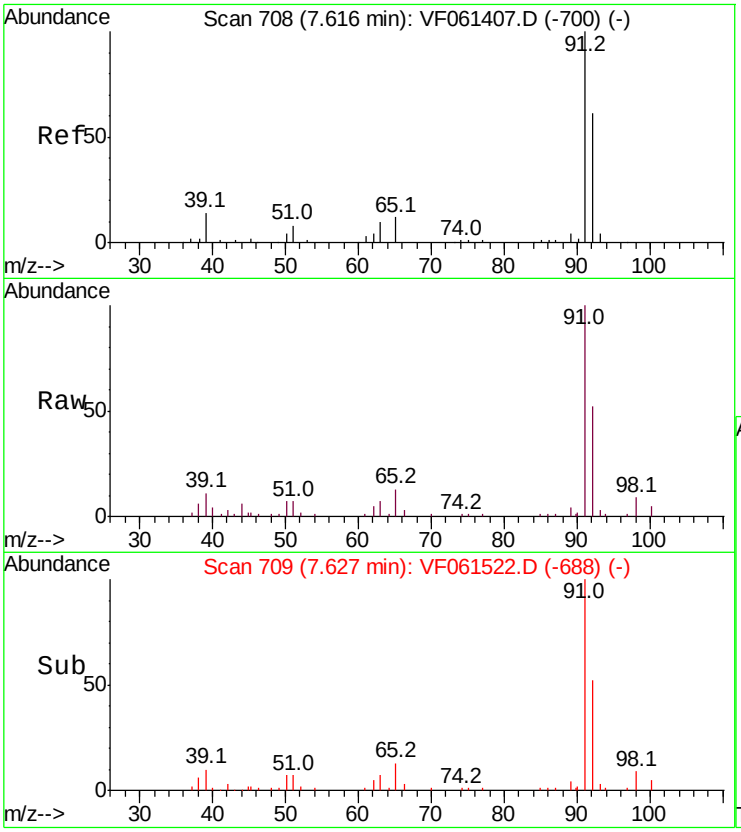


#50
Toluene-d8
Concen: 35.428 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Tgt Ion: 98 Resp: 271160

Ion	Ratio	Lower	Upper
98	100		
100	67.2	55.6	83.4



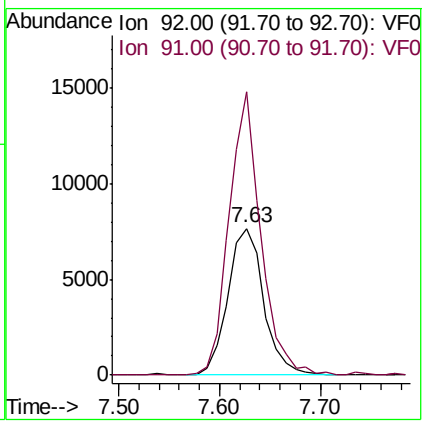


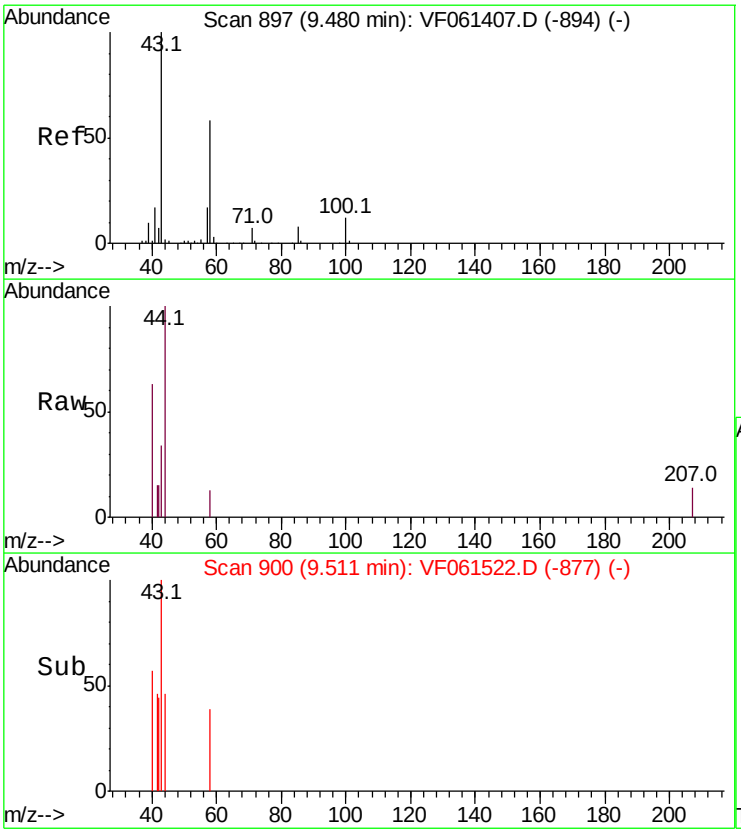
#52
Toluene
Concen: 3.130 ug/l
RT: 7.63 min Scan# 709
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 18826

Ion	Ratio	Lower	Upper
92	100		
91	192.9	131.2	196.8

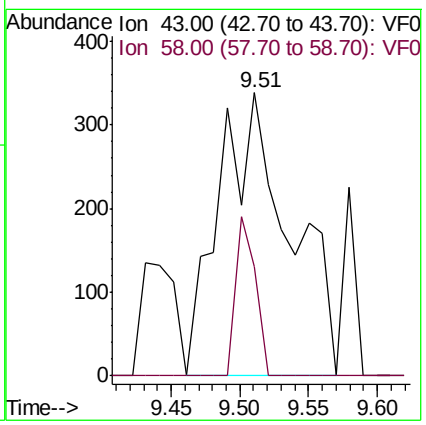


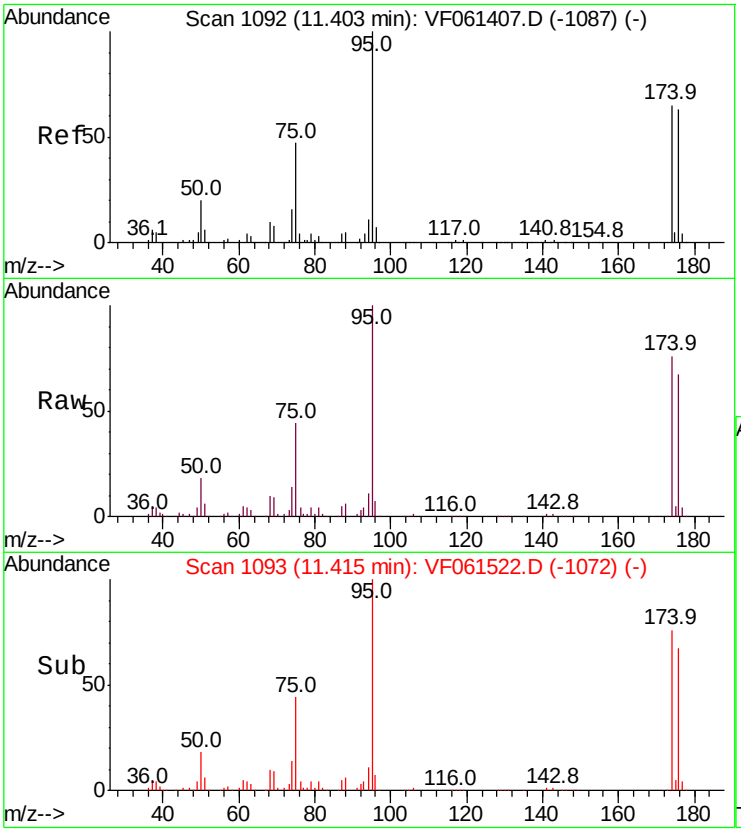


#59
2-Hexanone
Concen: 1.152 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.03 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Tgt Ion: 43 Resp: 1216

Ion	Ratio	Lower	Upper
43	100		
58	38.8	25.9	77.6



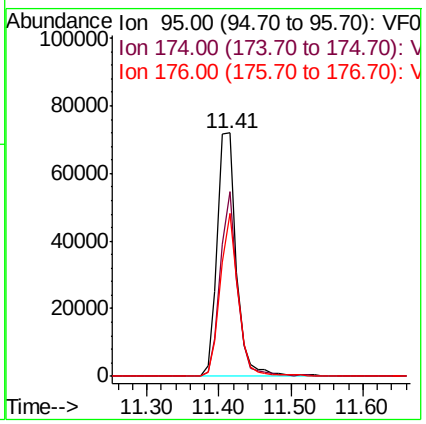


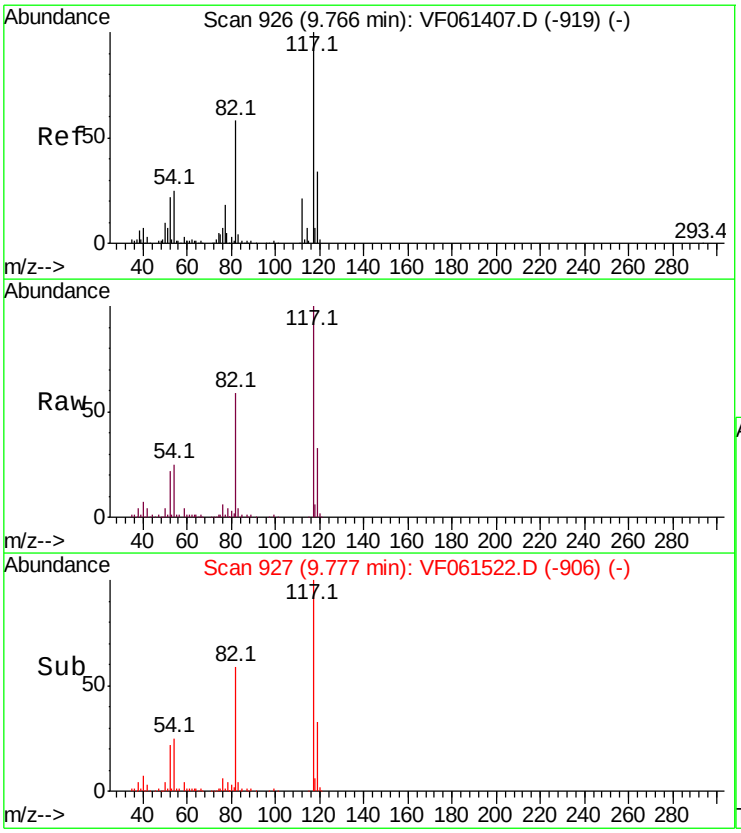
#62
4-Bromofluorobenzene
Concen: 37.129 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 132775

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	130.4
176	67.1	0.0	126.2

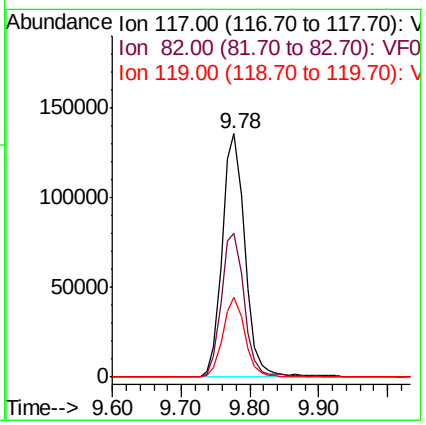


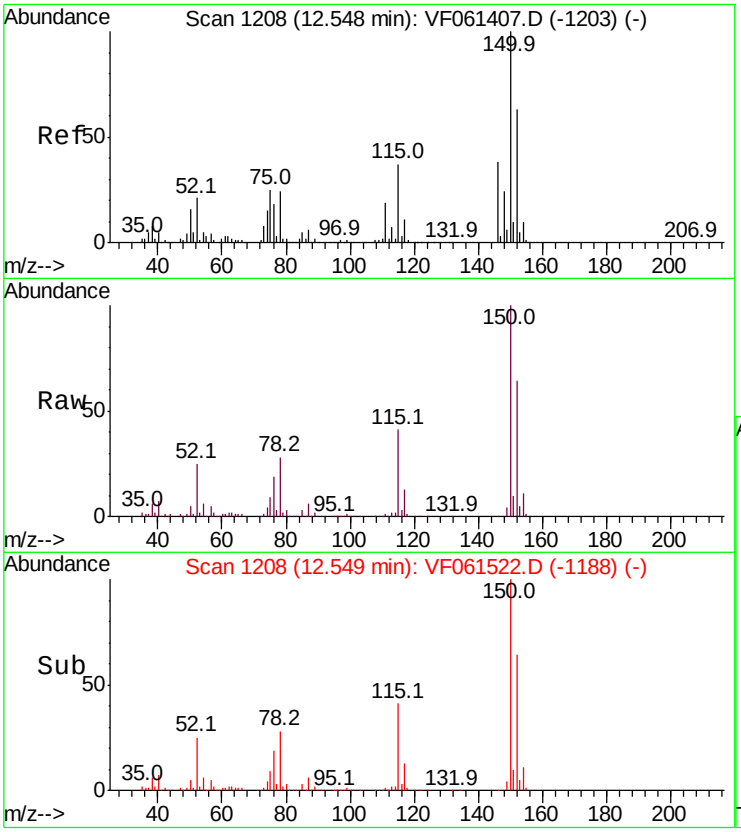


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Tgt Ion:117 Resp: 313186

Ion	Ratio	Lower	Upper
117	100		
82	59.0	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# 1208
Delta R.T. 0.00 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 160932

Ion	Ratio	Lower	Upper
152	100		
115	64.9	30.0	90.0
150	156.8	0.0	321.4