Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011419\
Data File : VF061396.D
Acq On : 14 Jan 2019 18:30
Operator : VA/AP
Sample : K1139-07
Misc : 5.40g/5mL/MSVOA-F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jan 14 21:42:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	35326	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	47082	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	24573	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	3763	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	8435	21.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 42.90%			
35) Dibromofluoromethane	4.10	113	14020	38.92	ug/l	-0.01
Spiked Amount 50.000			Recovery = 77.84%			
50) Toluene-d8	7.55	98	41468	38.90	ug/l	-0.02
Spiked Amount 50.000			Recovery = 77.80%			
62) 4-Bromofluorobenzene	11.40	95	6756	14.51	ug/l	-0.01
Spiked Amount 50.000			Recovery = 29.02%			
Target Compounds						Qvalue
5) Bromomethane	1.28	94	284	3.503	ug/l #	6
11) Tert butyl alcohol	2.43	59	96	6.098	ug/l #	58
13) Acrolein	2.09	56	153	Below Cal		84
15) Acrylonitrile	2.91	53	124	2.222	ug/l	90
16) Acetone	2.23	43	3128	34.198	ug/l #	76
18) Methyl Acetate	2.31	43	420	2.334	ug/l #	65
20) Methylene Chloride	2.17	84	986	2.548	ug/l #	83
23) Vinyl Acetate	3.20	43	571	1.487	ug/l #	77
25) 2-Butanone	4.34	43	600	4.076	ug/l #	56
29) Tetrahydrofuran	4.07	42	89	1.446	ug/l #	36
41) Methacrylonitrile	4.75	41	175	1.565	ug/l #	24
43) Isopropyl Acetate	6.96	43	278	1.052	ug/l #	45
48) Methyl methacrylate	6.68	41	241	1.405	ug/l #	21
52) Toluene	7.62	92	2856	3.462	ug/l #	64
74) N-amyl acetate	11.37	43	278	3.693	ug/l #	6

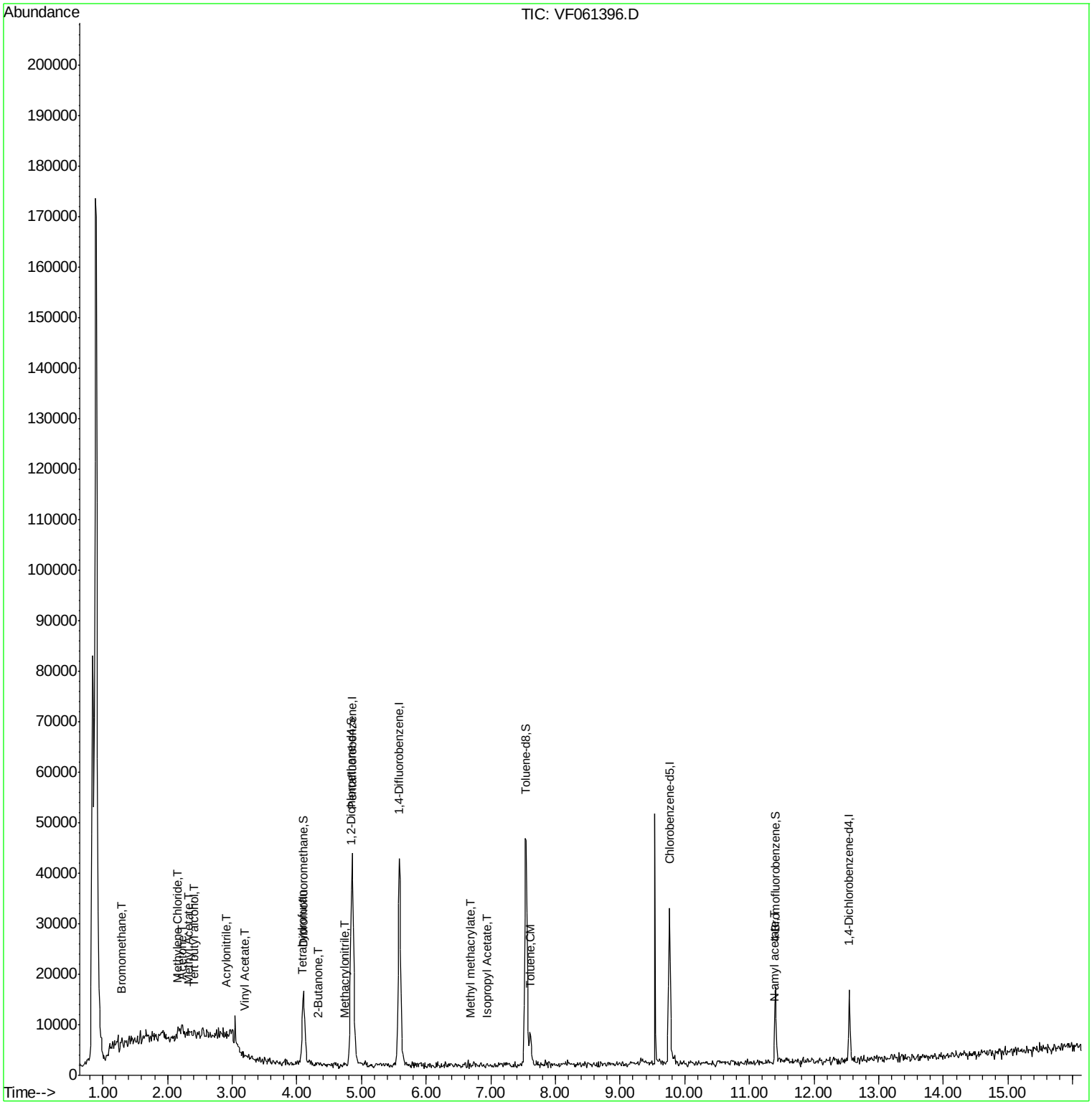
(#) = qualifier out of range (m) = manual integration (+) = signals summed

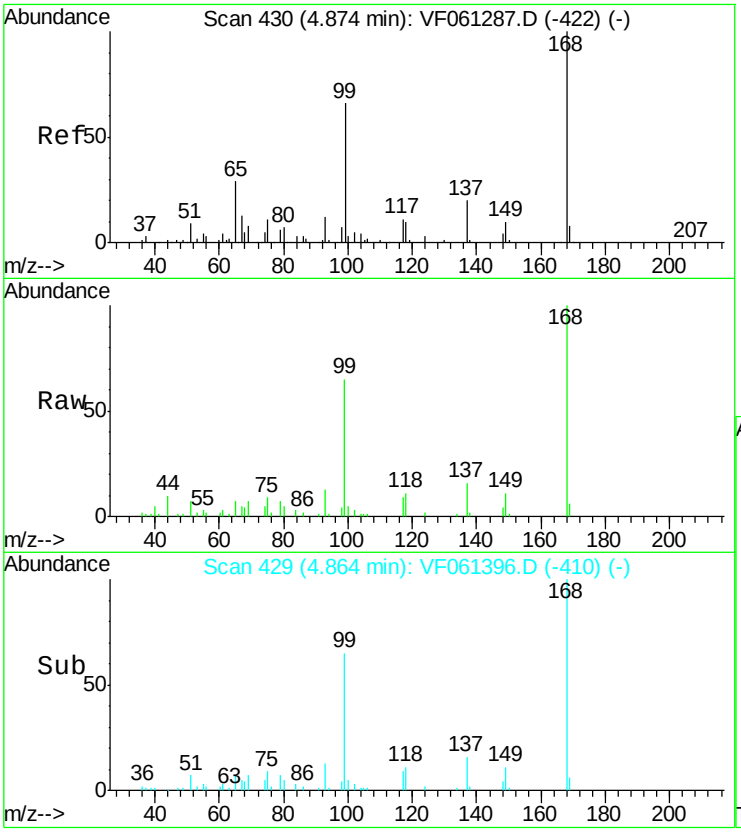
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011419\
Data File : VF061396.D
Acq On : 14 Jan 2019 18:30
Operator : VA/AP
Sample : K1139-07
Misc : 5.40g/5mL/MSVOA-F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jan 14 21:42:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration



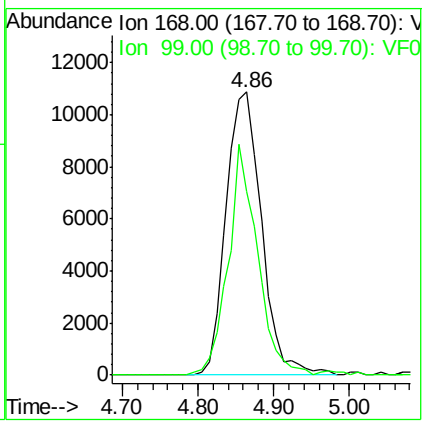


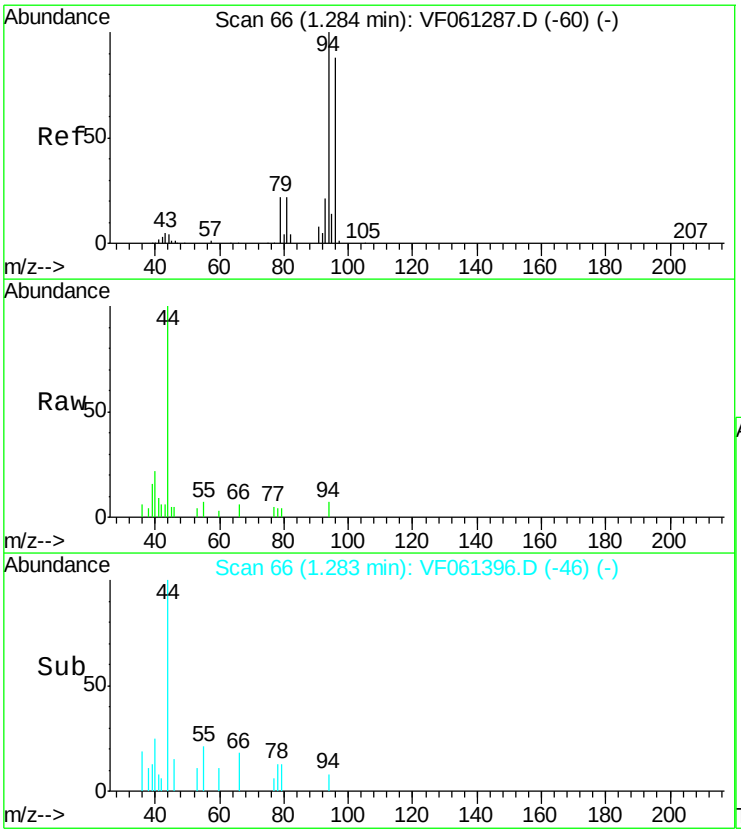
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 35326

Ion	Ratio	Lower	Upper
168	100		
99	64.8	52.7	79.1

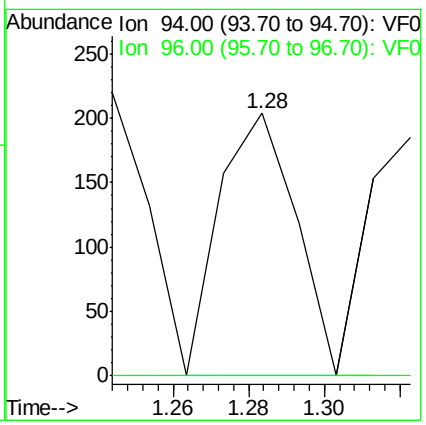


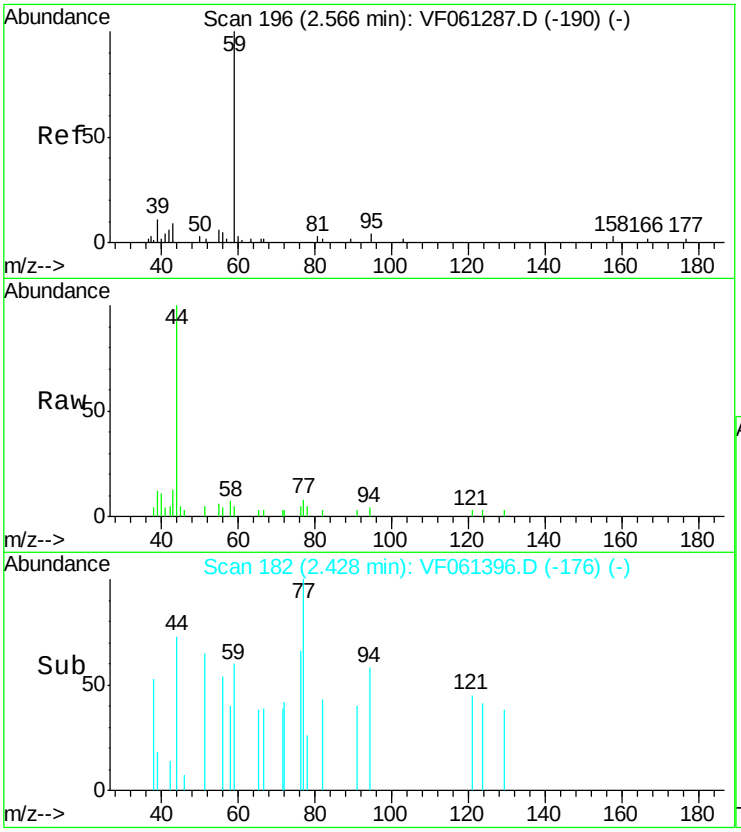


#5
Bromomethane
Concen: 3.503 ug/l
RT: 1.28 min Scan# 66
Delta R.T. 0.00 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion: 94 Resp: 284

Ion	Ratio	Lower	Upper
94	100		
96	0.0	70.2	105.4#



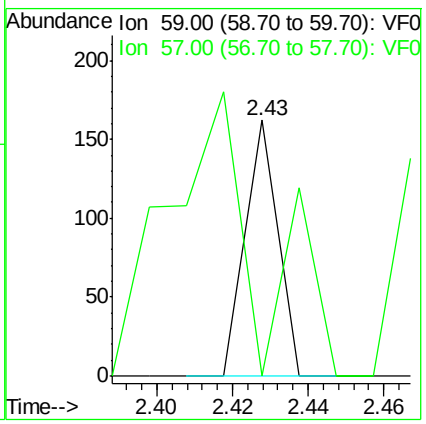


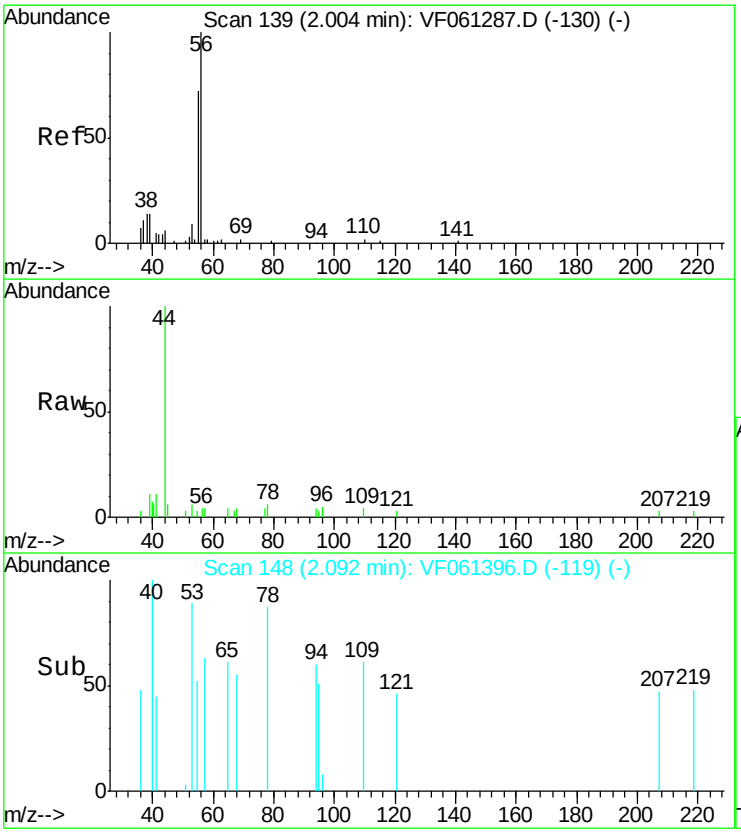
#11
Tert butyl alcohol
Concen: 6.098 ug/l
RT: 2.43 min Scan# 182
Delta R.T. -0.14 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 96

Ion	Ratio	Lower	Upper
59	100		
57	0.0	15.1	22.7#

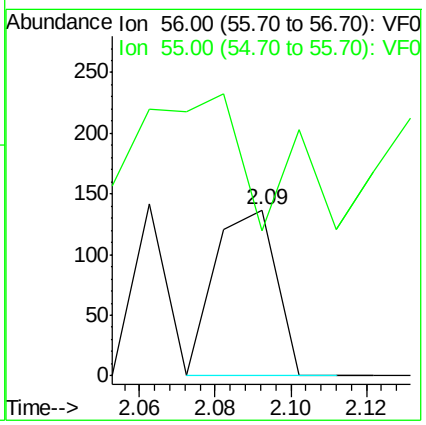


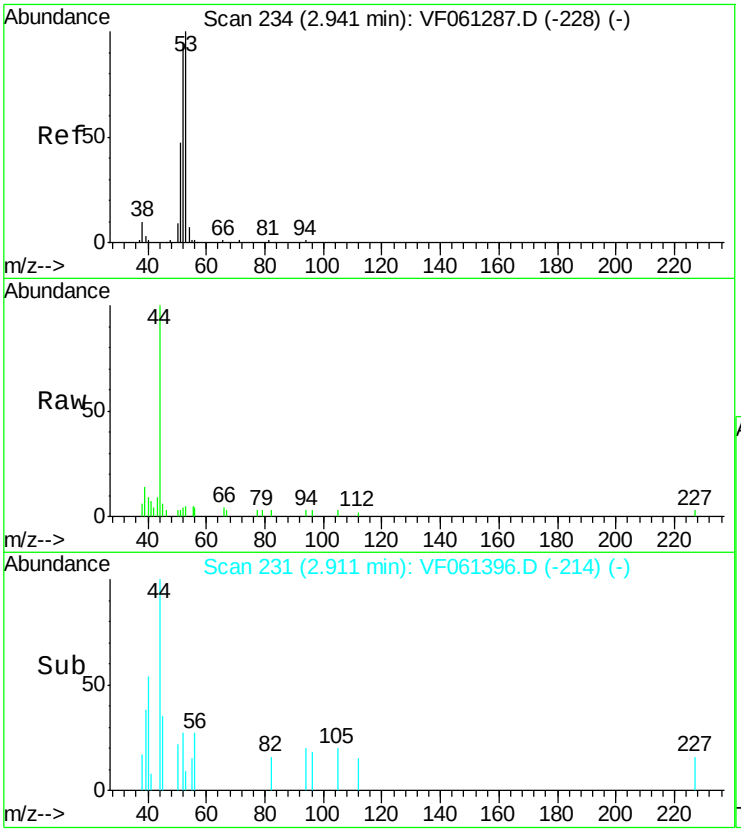


#13
Acrolein
Concen: Below Cal
RT: 2.09 min Scan# 148
Delta R.T. 0.09 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion: 56 Resp: 153

Ion	Ratio	Lower	Upper
56	100		
55	87.6	59.4	89.0



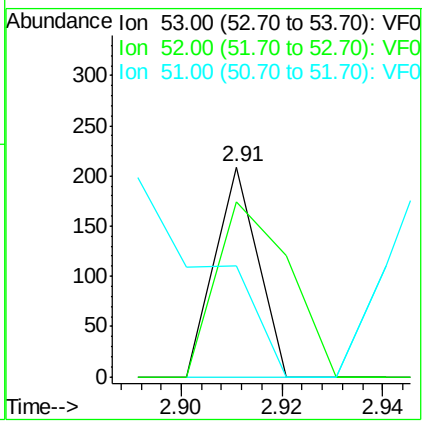


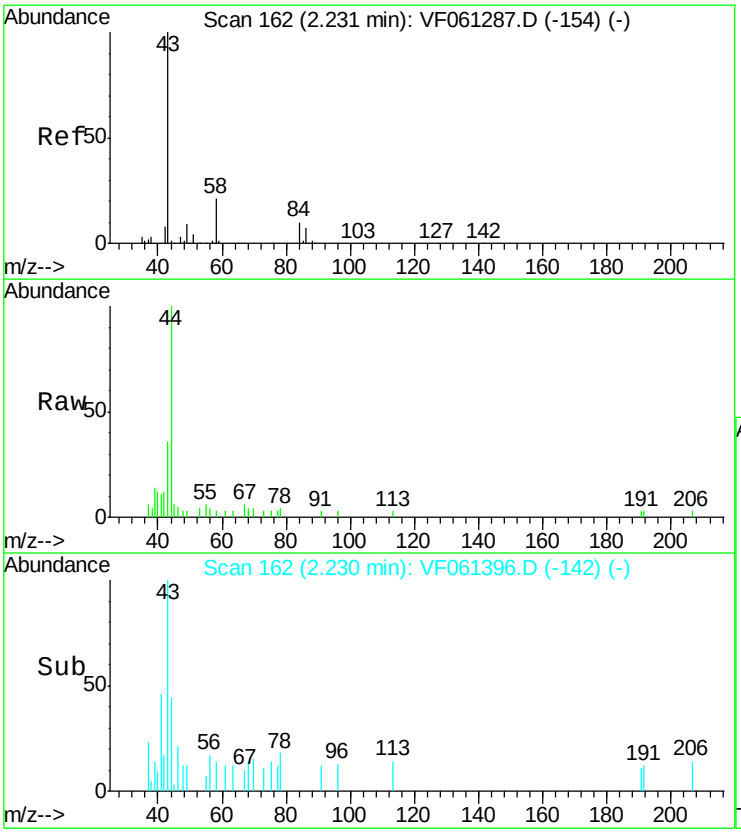
#15
Acrylonitrile
Concen: 2.222 ug/l
RT: 2.91 min Scan# 231
Delta R.T. -0.03 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 124

Ion	Ratio	Lower	Upper
53	100		
52	83.3	74.6	111.8
51	53.1	37.8	56.6

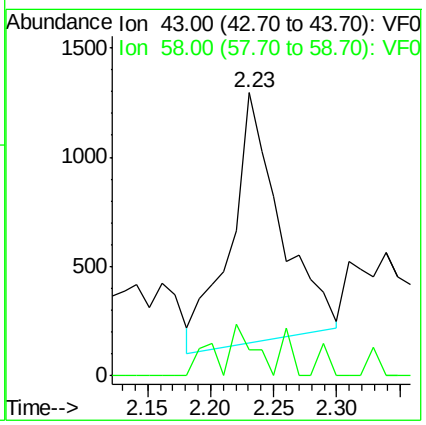


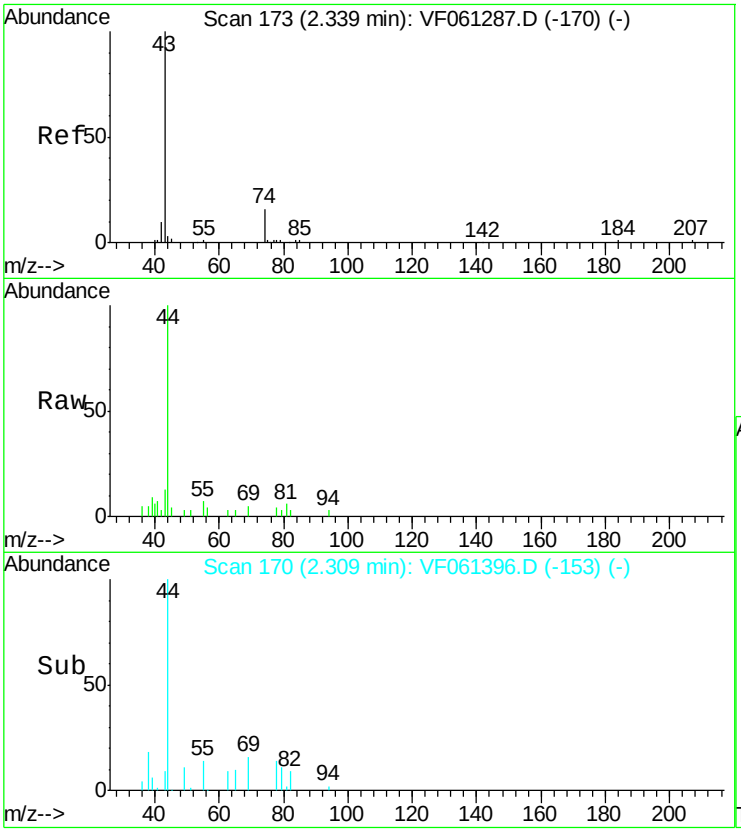


#16
Acetone
Concen: 34.198 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.00 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion: 43 Resp: 3128

Ion	Ratio	Lower	Upper
43	100		
58	9.4	16.6	25.0#



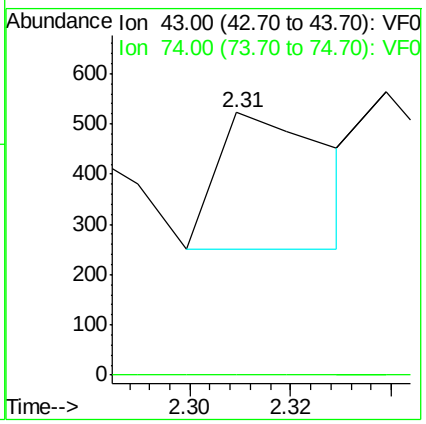


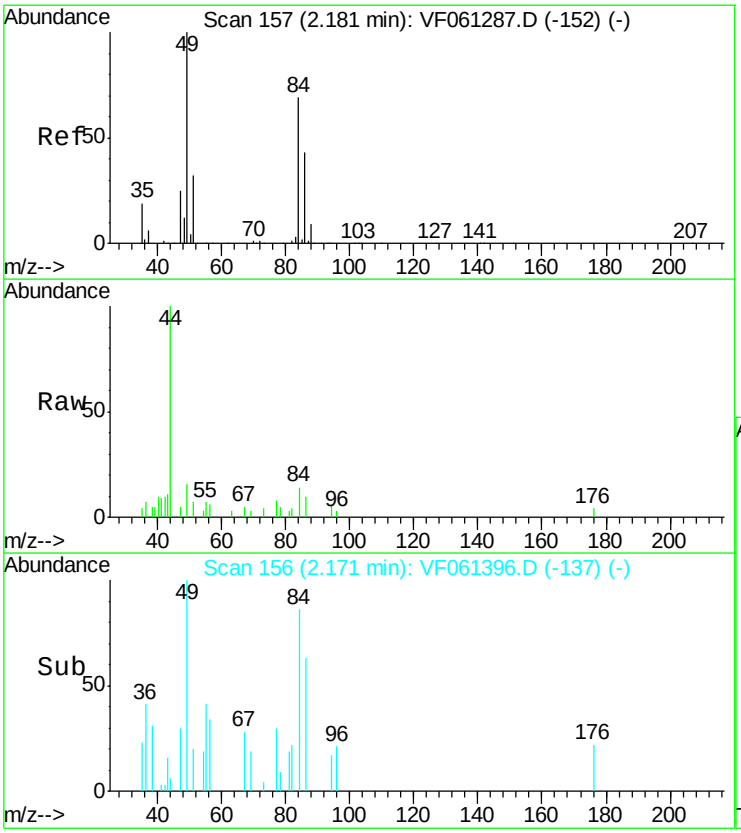
#18
Methyl Acetate
Concen: 2.334 ug/l
RT: 2.31 min Scan# 170
Delta R.T. -0.03 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 420

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.6	17.4#

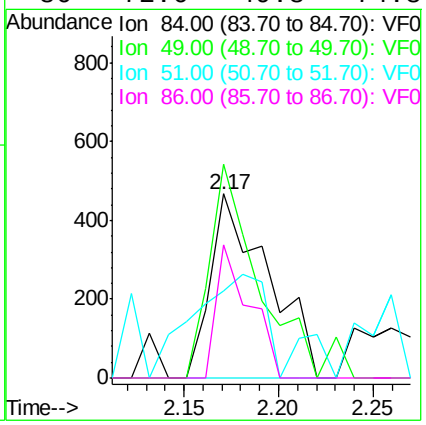


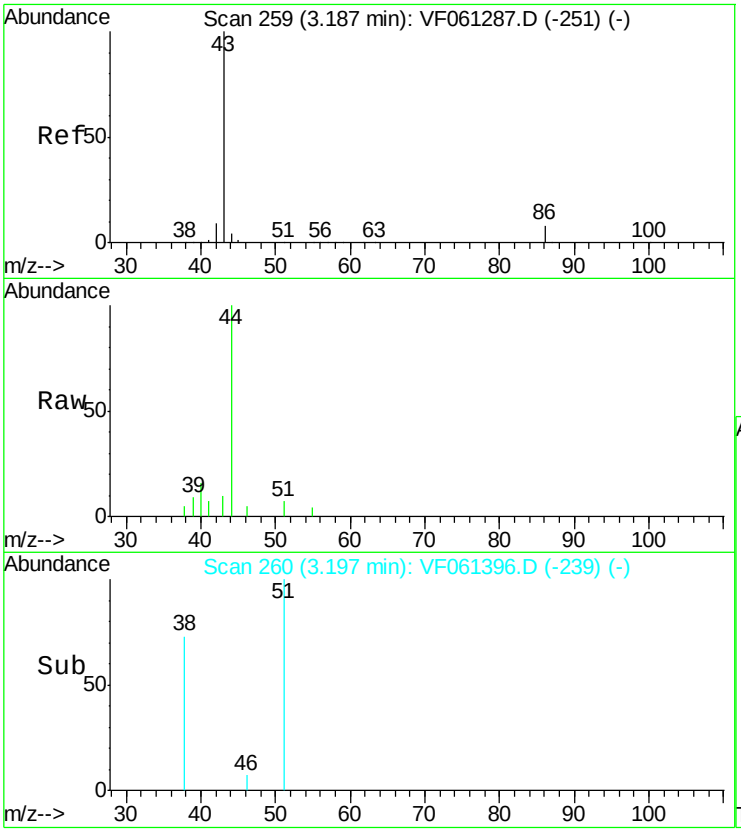


#20
Methylene Chloride
Concen: 2.548 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion: 84 Resp: 986

Ion	Ratio	Lower	Upper
84	100		
49	116.1	116.6	175.0#
51	47.3	37.7	56.5
86	72.6	49.8	74.8



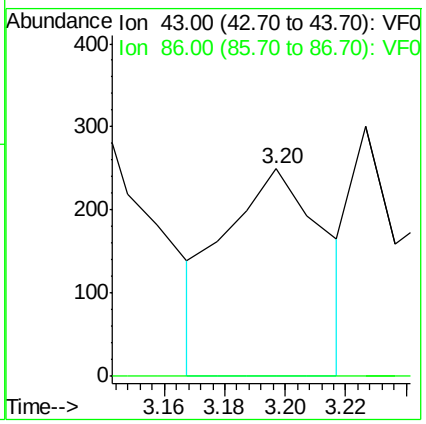


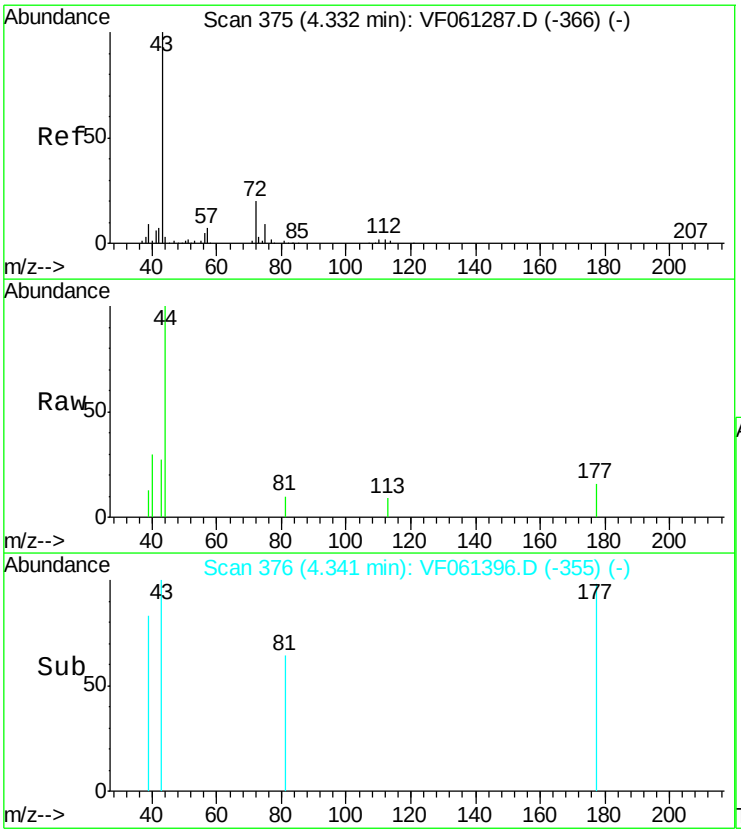
#23
Vinyl Acetate
Concen: 1.487 ug/l
RT: 3.20 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 571

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.5	9.7#

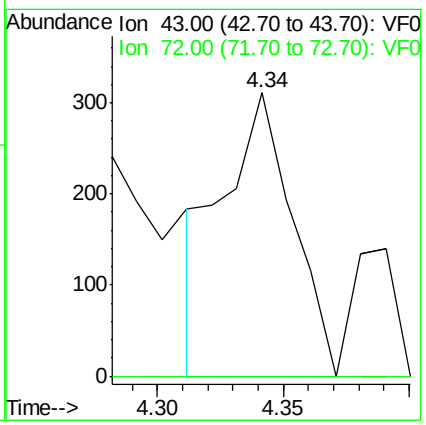


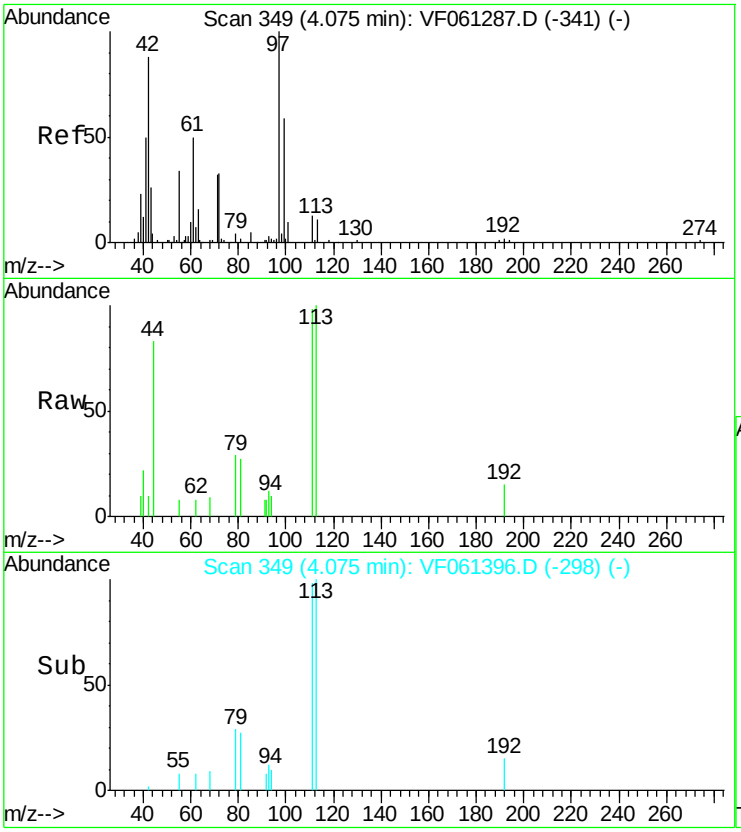


#25
2-Butanone
Concen: 4.076 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion: 43 Resp: 600

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.5	24.7#



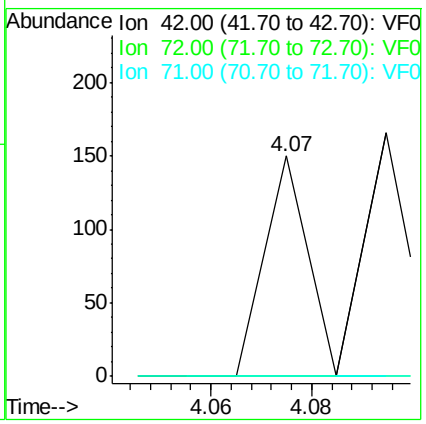


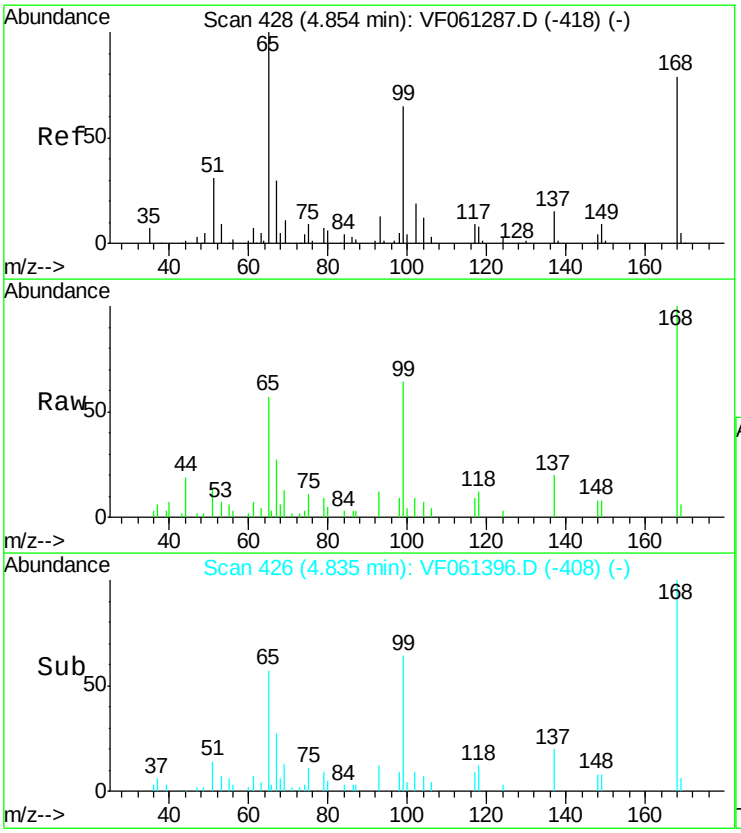
#29
Tetrahydrofuran
Concen: 1.446 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.00 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 89

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.3	48.5#
71	0.0	29.5	44.3#

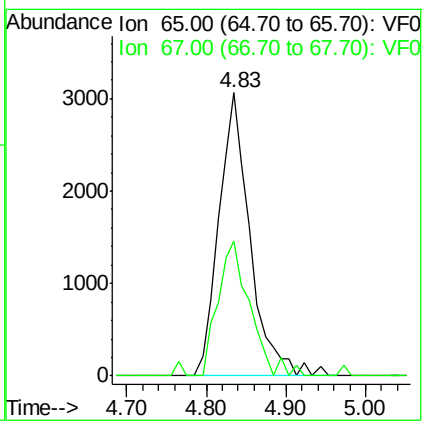


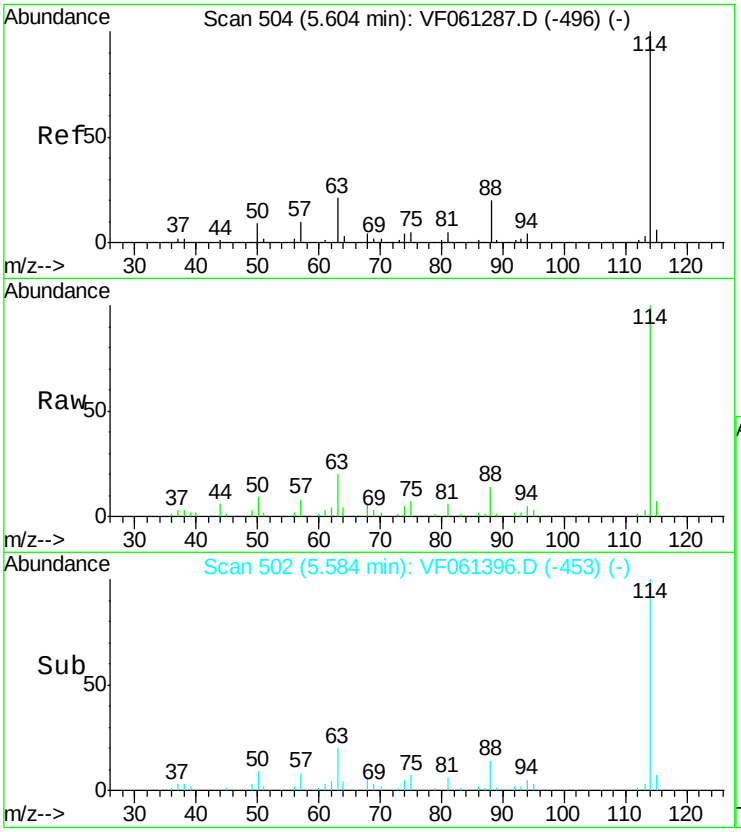


#33
1,2-Dichloroethane-d4
Concen: 21.452 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion: 65 Resp: 8435

Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	98.2



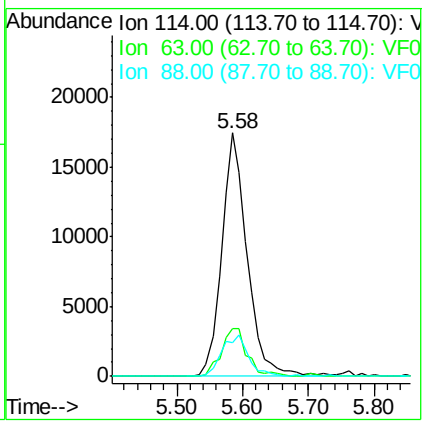


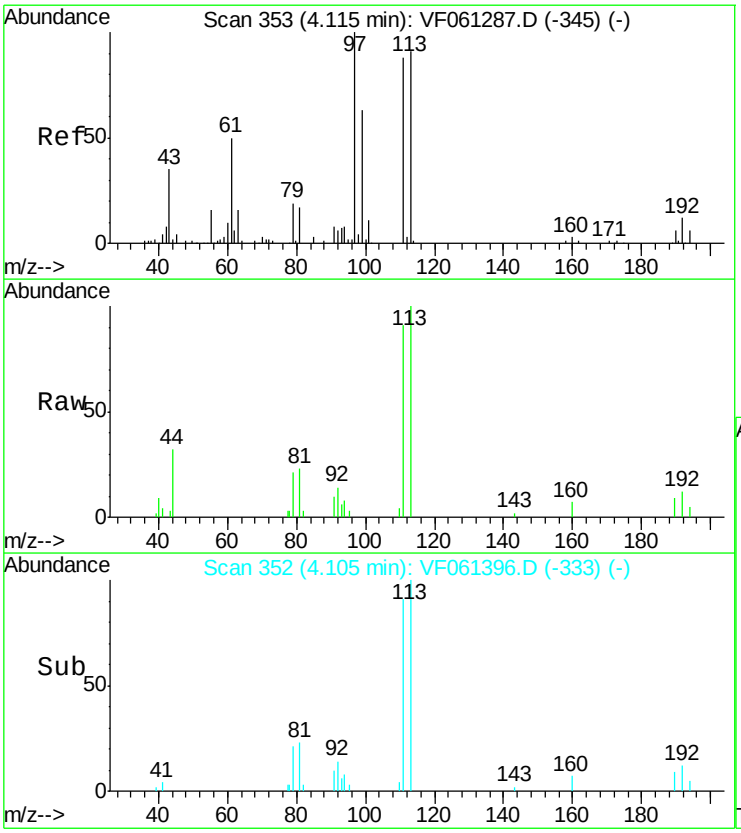
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.02 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 47082

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.8
88	13.7	0.0	40.0

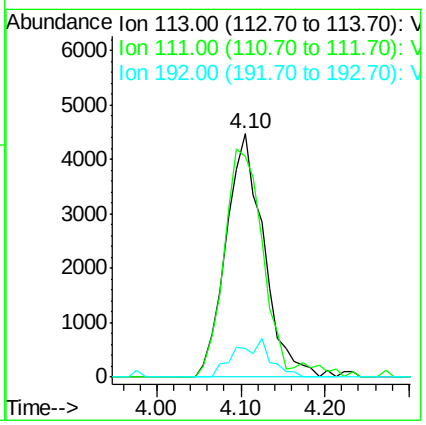


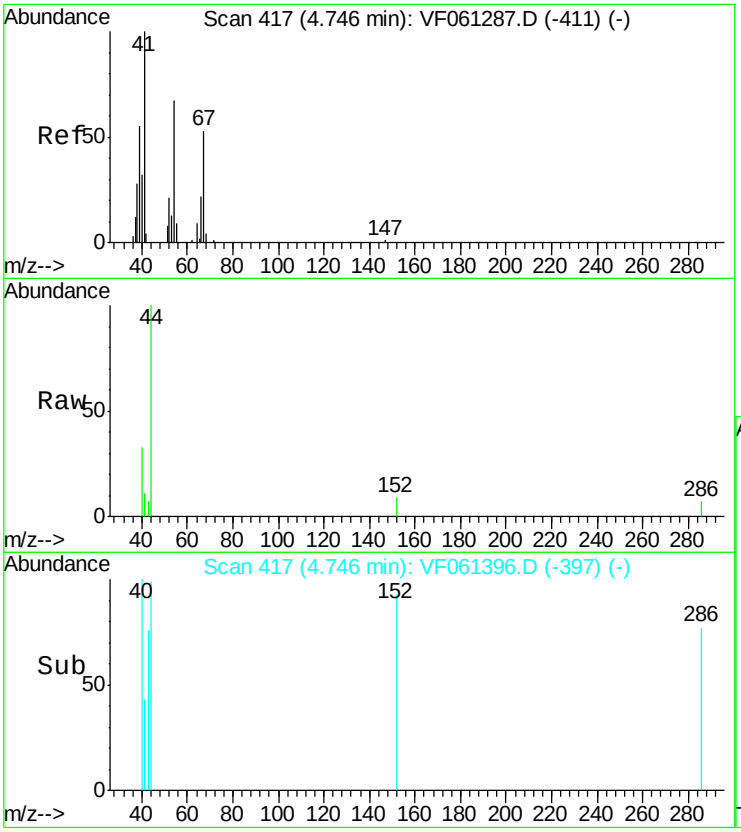


#35
Dibromofluoromethane
Concen: 38.917 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion:113 Resp: 14020

Ion	Ratio	Lower	Upper
113	100		
111	90.7	78.0	117.0
192	11.6	10.6	16.0



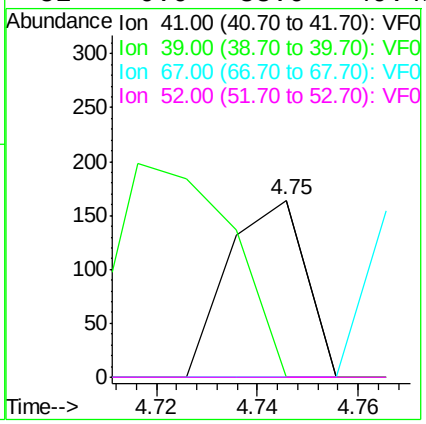


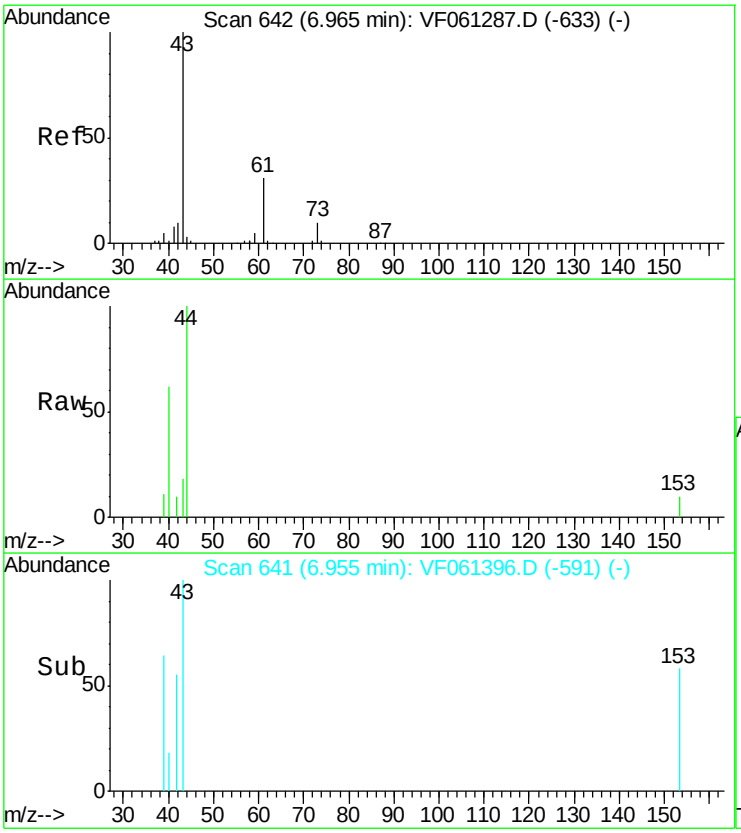
#41
Methacrylonitrile
Concen: 1.565 ug/l
RT: 4.75 min Scan# 417
Delta R.T. -0.00 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 175

Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.7	79.1#
67	0.0	41.4	62.2#
52	0.0	33.0	49.4#

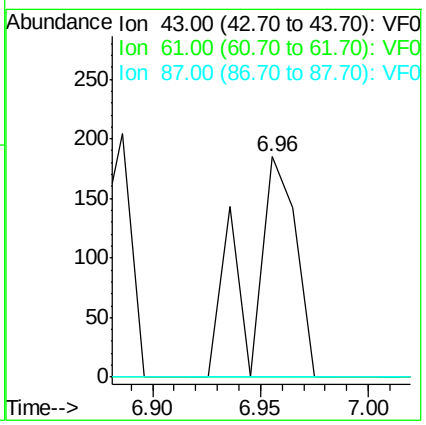


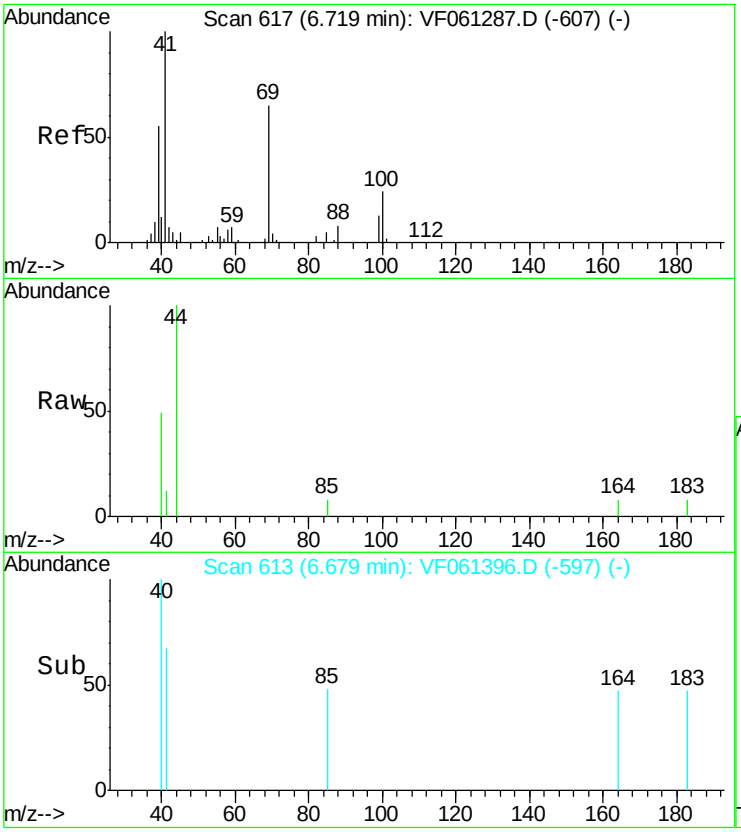


#43
Isopropyl Acetate
Concen: 1.052 ug/l
RT: 6.96 min Scan# 641
Delta R.T. -0.01 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion: 43 Resp: 278

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.3	36.5#
87	0.0	0.2	0.4#



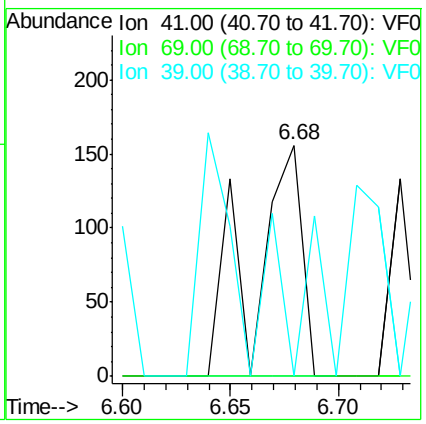


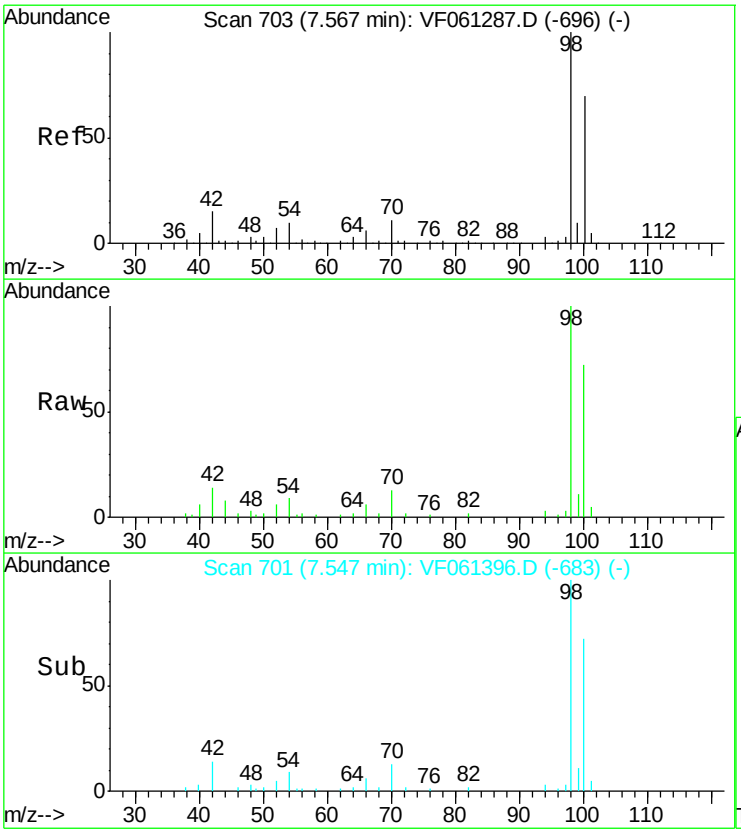
#48
Methyl methacrylate
Concen: 1.405 ug/l
RT: 6.68 min Scan# 613
Delta R.T. -0.04 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 241

Ion	Ratio	Lower	Upper
41	100		
69	0.0	51.5	77.3#
39	0.0	44.1	66.1#

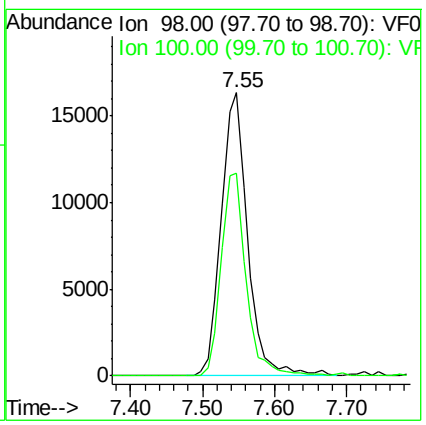


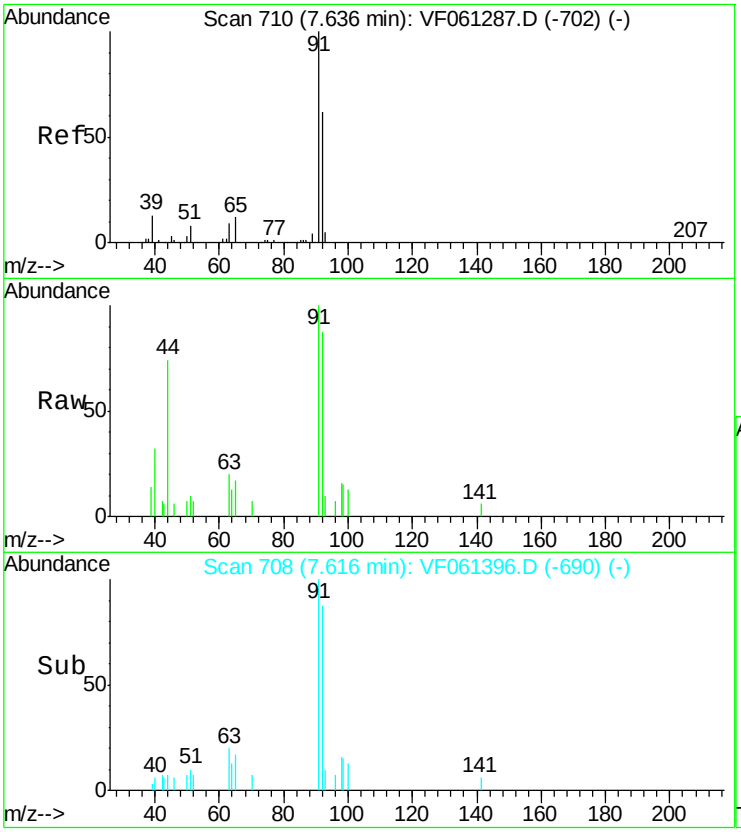


#50
Toluene-d8
Concen: 38.898 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion: 98 Resp: 41468

Ion	Ratio	Lower	Upper
98	100		
100	71.6	55.6	83.4



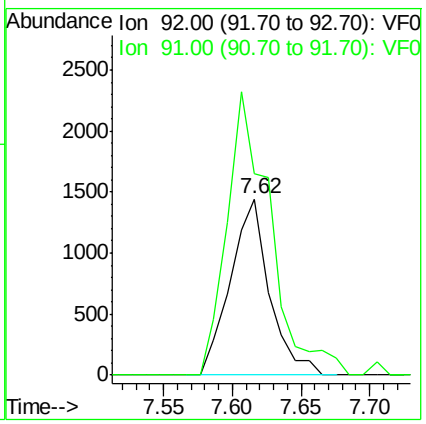


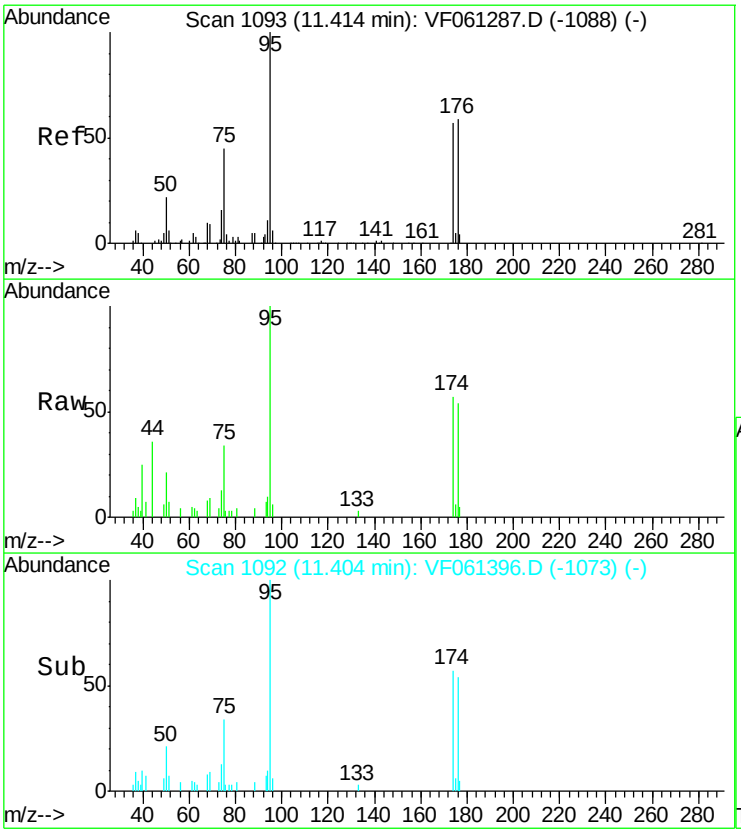
#52
Toluene
Concen: 3.462 ug/l
RT: 7.62 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 2856

Ion	Ratio	Lower	Upper
92	100		
91	114.3	129.2	193.8#

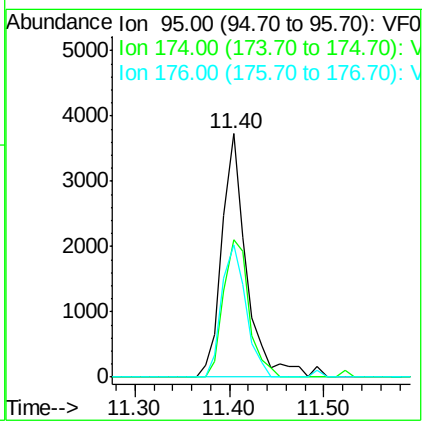


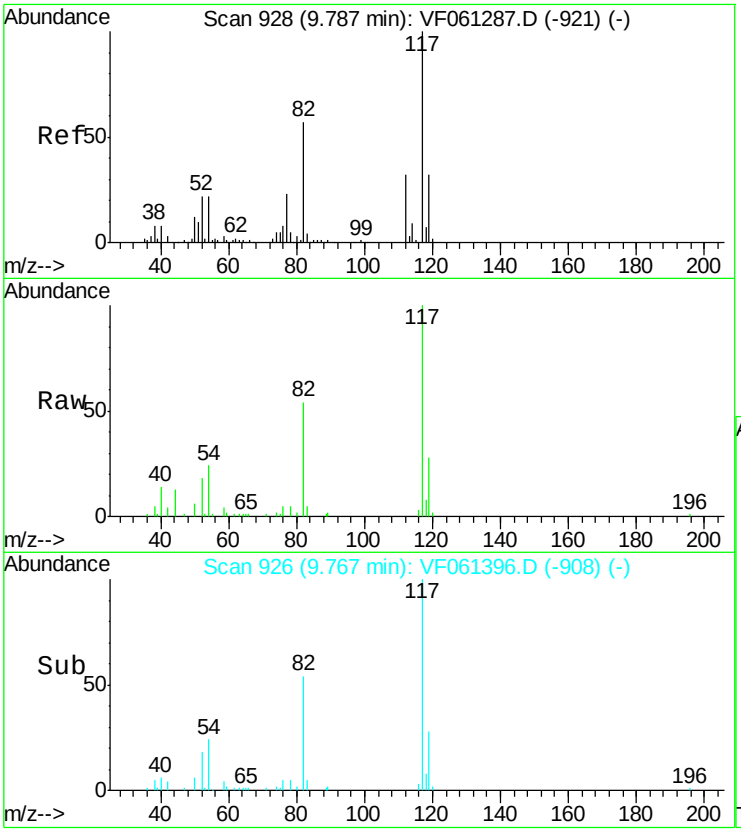


#62
4-Bromofluorobenzene
Concen: 14.513 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion: 95 Resp: 6756

Ion	Ratio	Lower	Upper
95	100		
174	56.6	0.0	114.2
176	54.3	0.0	117.8



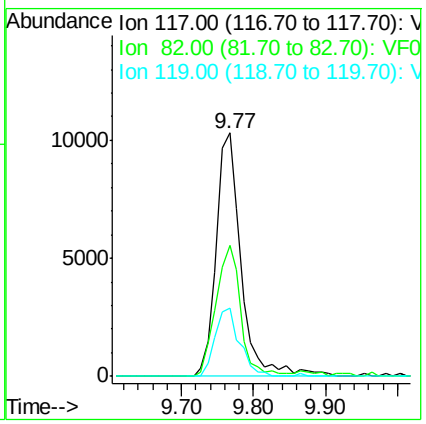


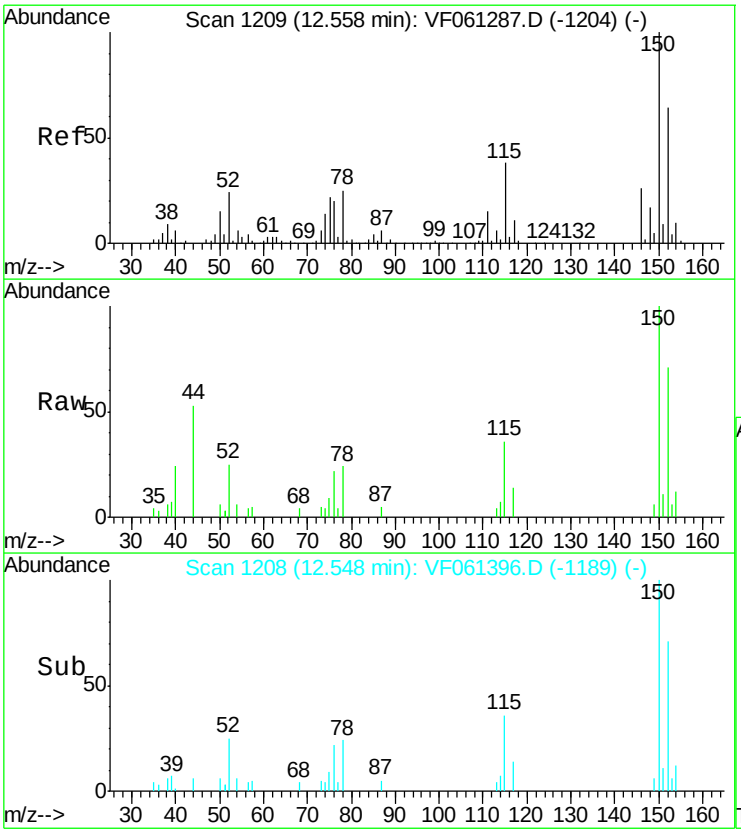
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 24573

Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.3	67.9
119	27.9	25.4	38.0

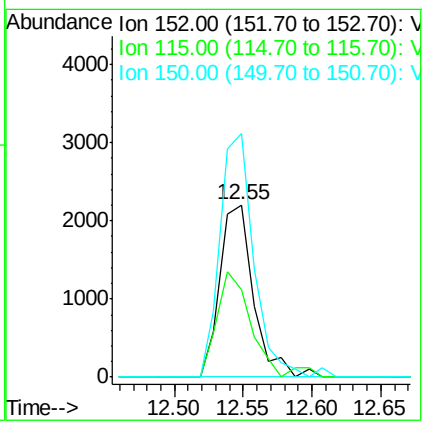


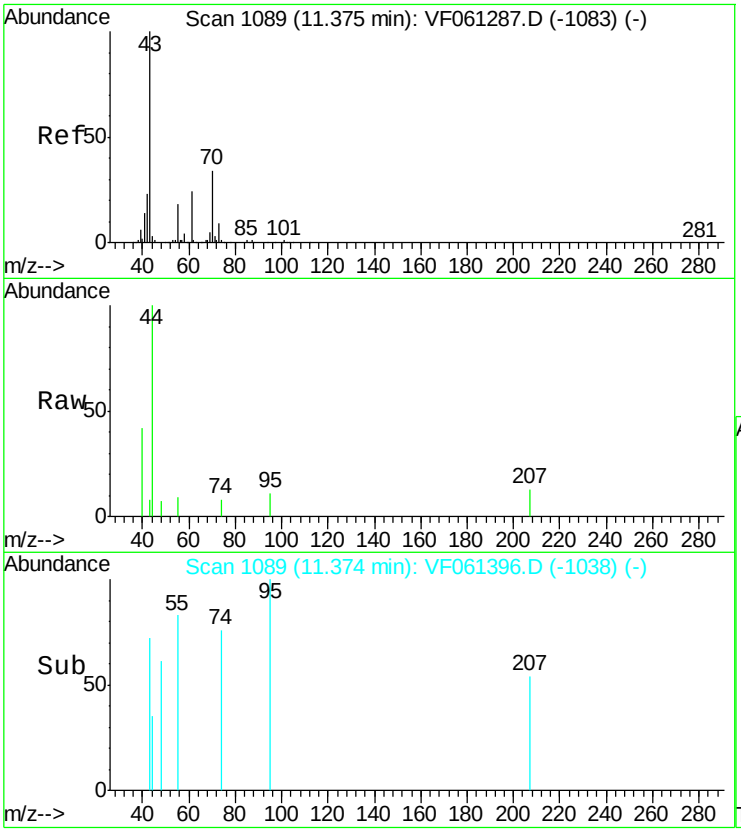


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Tgt Ion:152 Resp: 3763

Ion	Ratio	Lower	Upper
152	100		
115	51.0	29.6	88.9
150	141.4	0.0	315.4





#74
N-amyl acetate
Concen: 3.693 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VF061396.D
Acq: 14 Jan 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 278

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.4	41.0#
55	115.4	14.7	22.1#
61	0.0	19.0	28.4#