Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121718\
Data File : VF061045.D
Acq On : 17 Dec 2018 17:27
Operator : VA/AP
Sample : J6319-12RE
Misc : 4.51g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:08:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	250224	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	430647	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	340592	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	167678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	108023	36.65	ug/l	-0.01
Spiked Amount 50.000			Recovery = 73.30%			
35) Dibromofluoromethane	4.13	113	123843	36.25	ug/l	-0.02
Spiked Amount 50.000			Recovery = 72.50%			
50) Toluene-d8	7.57	98	293950	29.21	ug/l	-0.02
Spiked Amount 50.000			Recovery = 58.42%			
62) 4-Bromofluorobenzene	11.42	95	131708	28.80	ug/l	-0.01
Spiked Amount 50.000			Recovery = 57.60%			
Target Compounds						Qvalue
13) Acrolein	2.07	56	737	6.437	ug/l	86
15) Acrylonitrile	2.97	53	714	2.636	ug/l #	35
16) Acetone	2.07	43	769	1.415	ug/l	96
20) Methylene Chloride	2.26	84	3934	1.973	ug/l #	74
25) 2-Butanone	4.36	43	3612	3.842	ug/l #	82
29) Tetrahydrofuran	4.11	42	1170	2.936	ug/l #	37
41) Methacrylonitrile	4.72	41	276	Below Cal	#	23
43) Isopropyl Acetate	6.89	43	5123	Below Cal	#	49
48) Methyl methacrylate	6.70	41	3602	2.050	ug/l #	67
49) 1,4-Dioxane	6.99	88	80	6.221	ug/l #	1
51) 4-Methyl-2-Pentanone	8.30	43	8156	4.556	ug/l #	44
56) Ethyl methacrylate	8.64	69	13609	5.672	ug/l	95
59) 2-Hexanone	9.53	43	1371	1.092	ug/l #	48
95) Naphthalene	14.47	128	4714	Below Cal	#	74

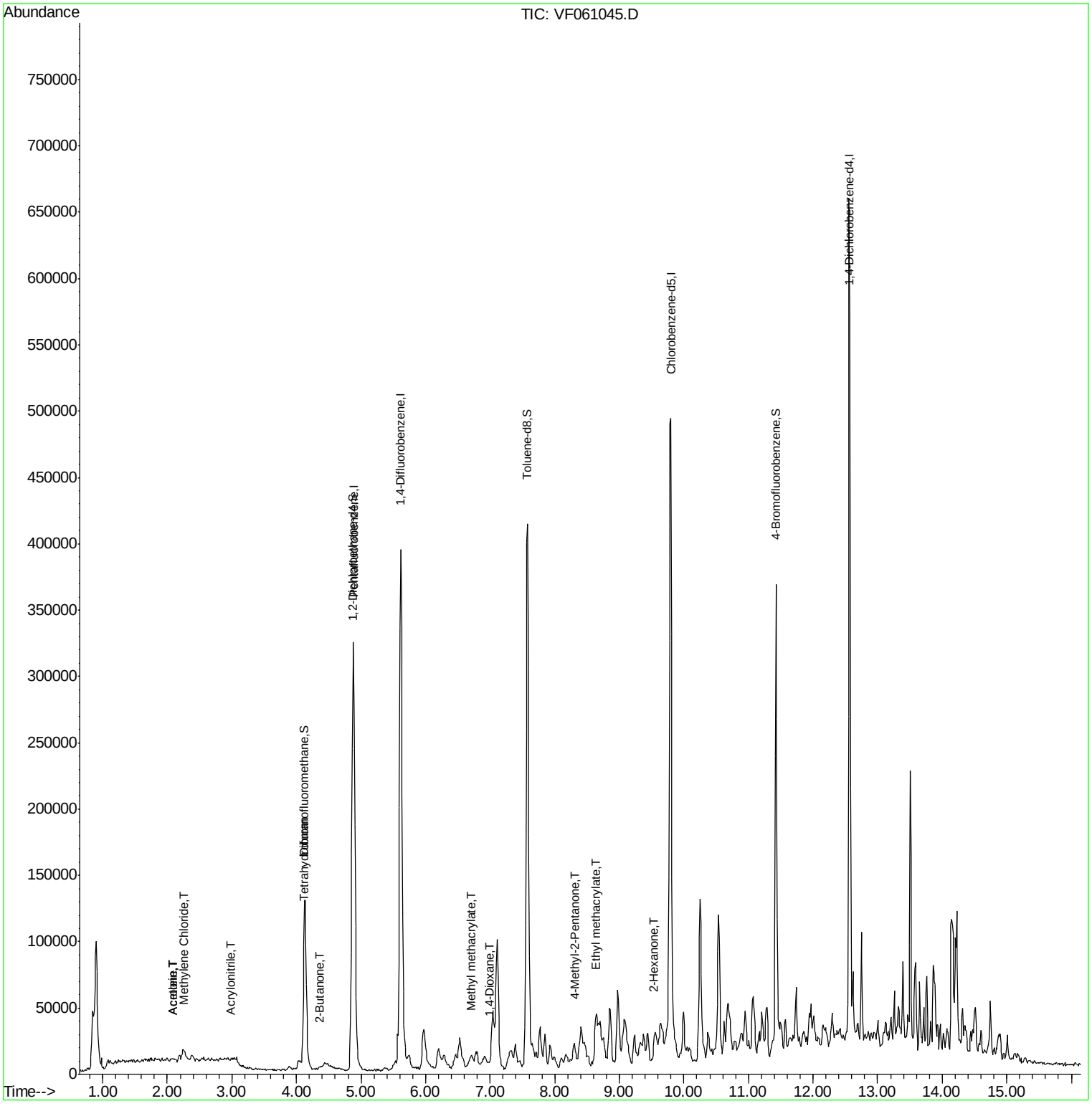
(#) = qualifier out of range (m) = manual integration (+) = signals summed

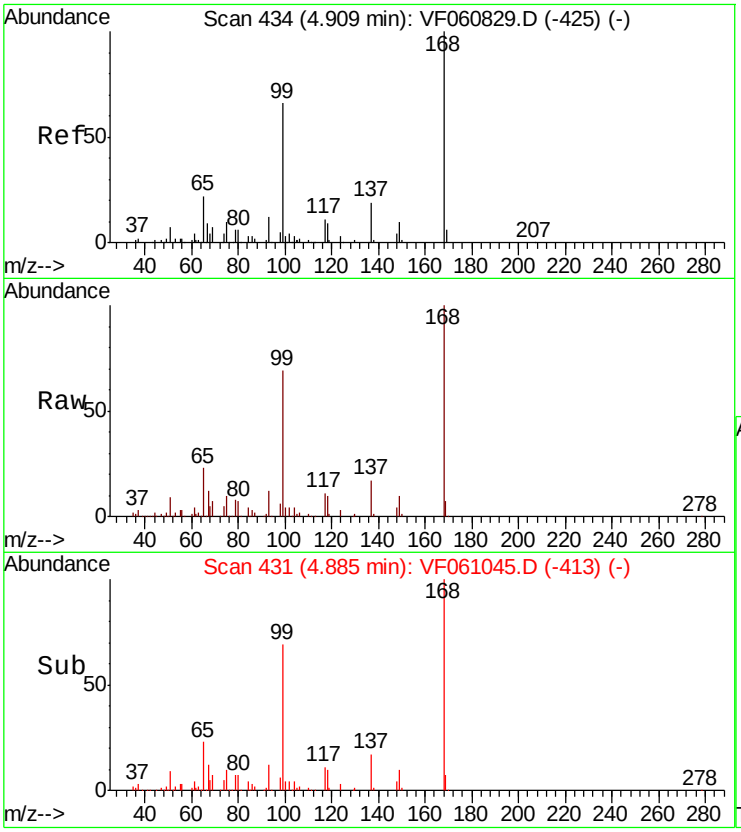
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
Data File : VF061045.D
Acq On : 17 Dec 2018 17:27
Operator : VA/AP
Sample : J6319-12RE
Misc : 4.51g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:08:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



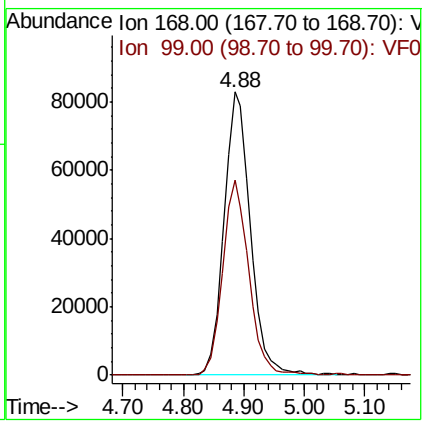


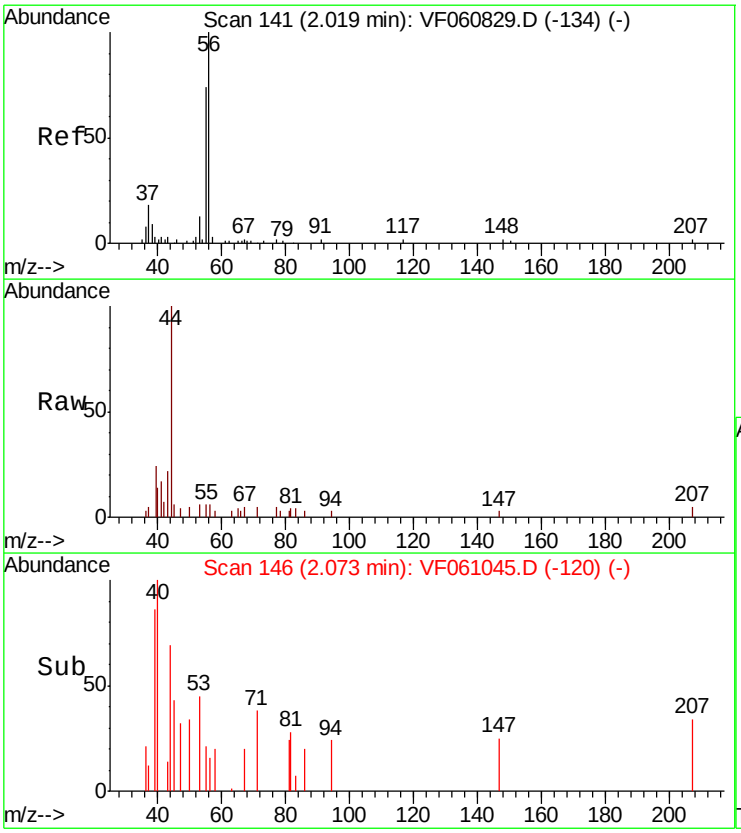
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.02 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 250224

Ion	Ratio	Lower	Upper
168	100		
99	68.7	52.6	79.0

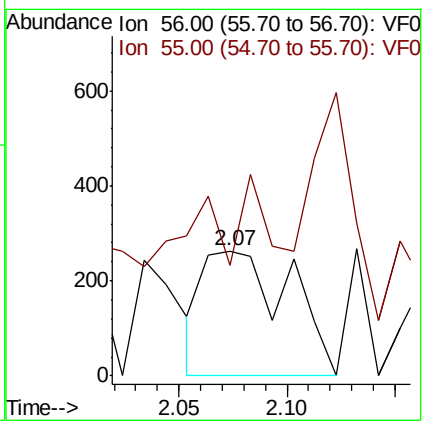


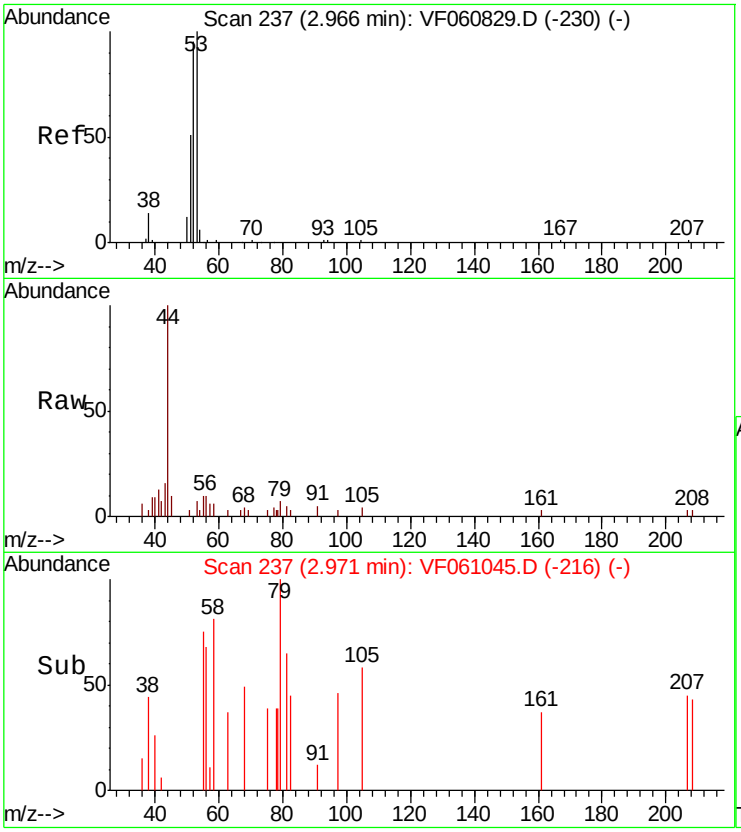


#13
Acrolein
Concen: 6.437 ug/l
RT: 2.07 min Scan# 146
Delta R.T. 0.05 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Tgt Ion: 56 Resp: 737

Ion	Ratio	Lower	Upper
56	100		
55	88.2	61.2	91.8



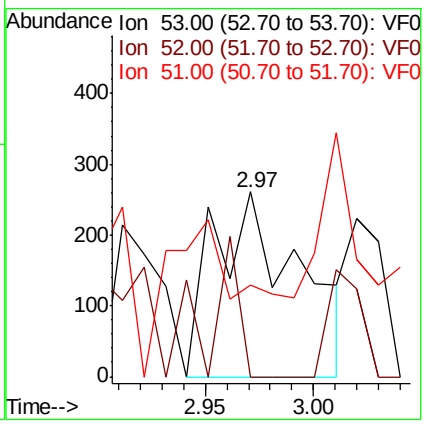


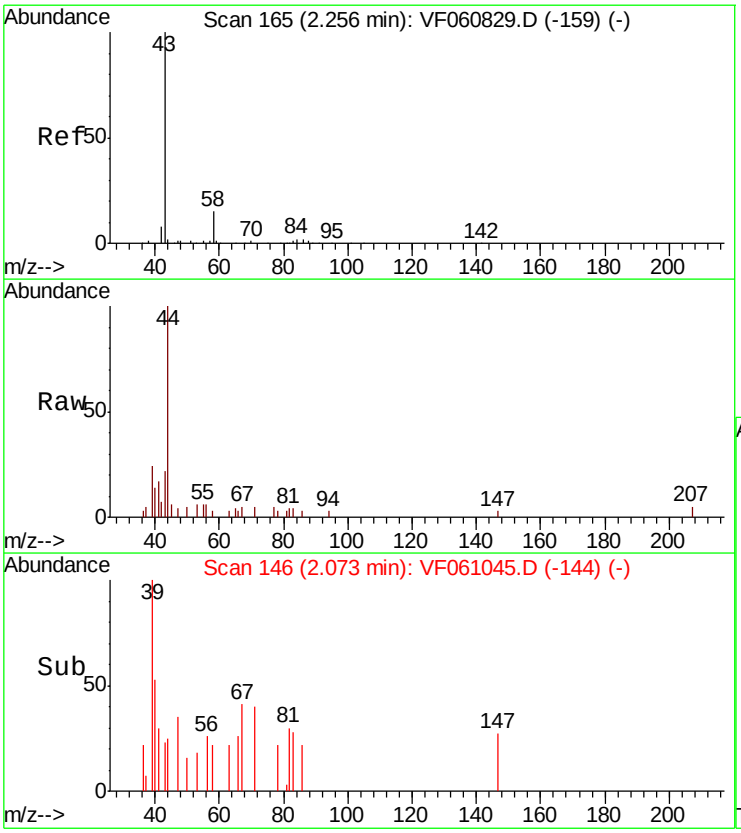
#15
Acrylonitrile
Concen: 2.636 ug/l
RT: 2.97 min Scan# 237
Delta R.T. 0.00 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 714

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	49.8	40.7	61.1

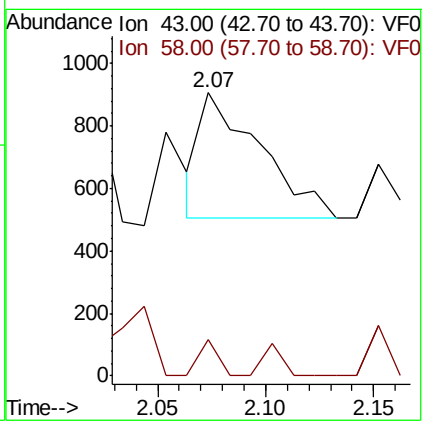


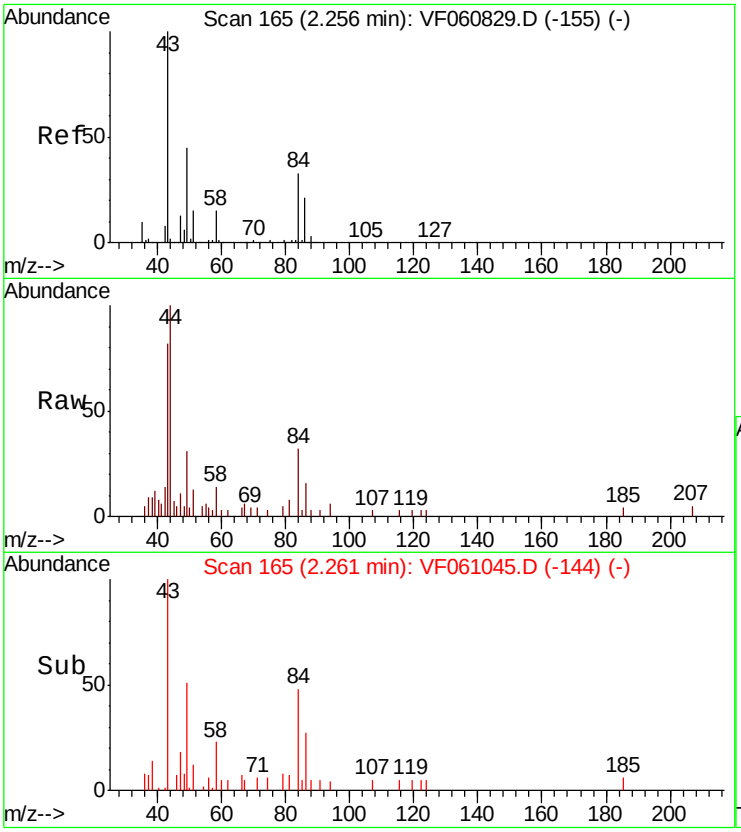


#16
Acetone
Concen: 1.415 ug/l
RT: 2.07 min Scan# 146
Delta R.T. -0.18 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Tgt Ion: 43 Resp: 769

Ion	Ratio	Lower	Upper
43	100		
58	12.8	11.4	17.2



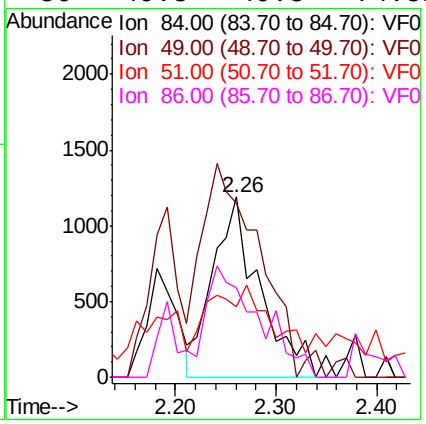


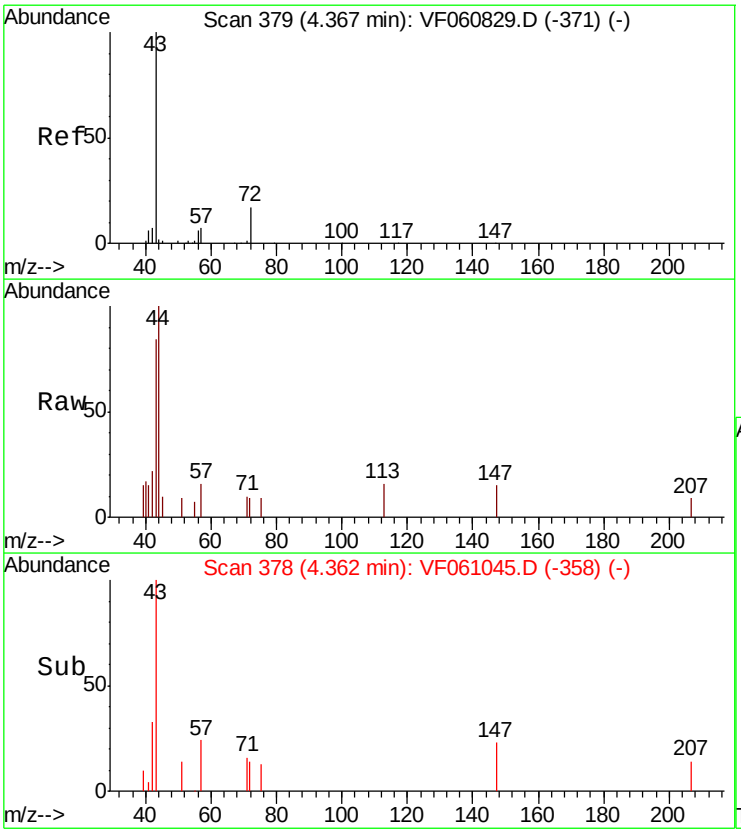
#20
Methylene Chloride
Concen: 1.973 ug/l
RT: 2.26 min Scan# 165
Delta R.T. 0.00 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 3934

Ion	Ratio	Lower	Upper
84	100		
49	96.6	111.3	166.9#
51	39.2	38.0	57.0
86	49.8	49.8	74.8#

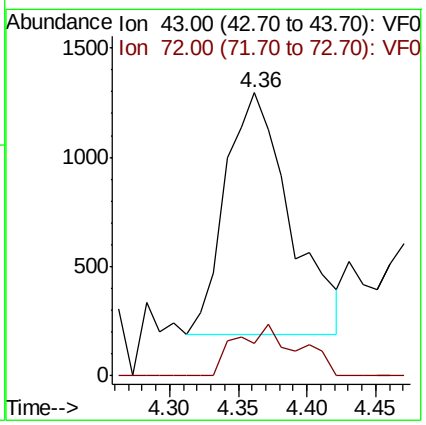


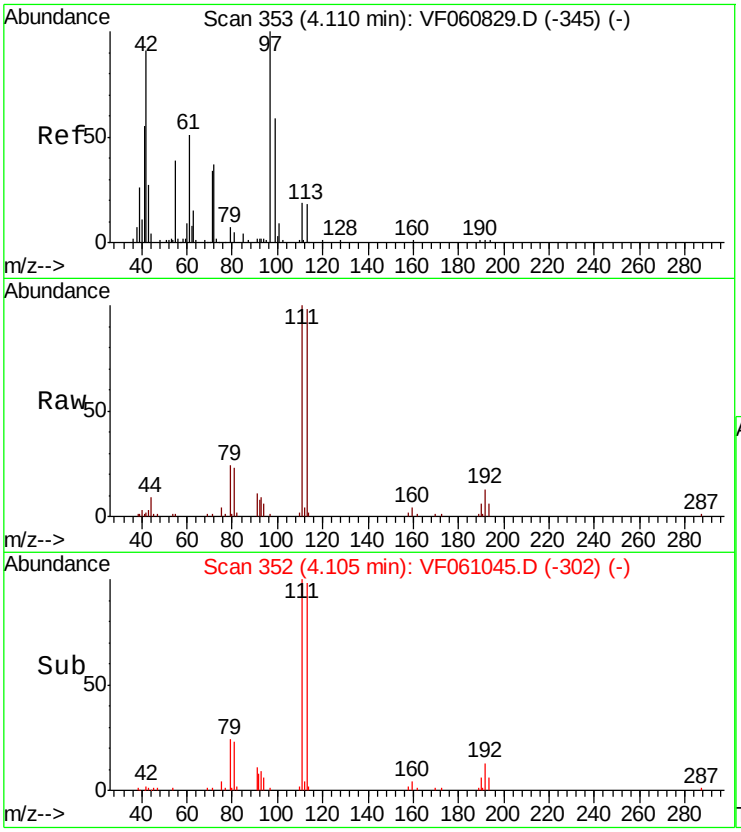


#25
2-Butanone
Concen: 3.842 ug/l
RT: 4.36 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Tgt Ion: 43 Resp: 3612

Ion	Ratio	Lower	Upper
43	100		
72	11.4	15.4	23.2#



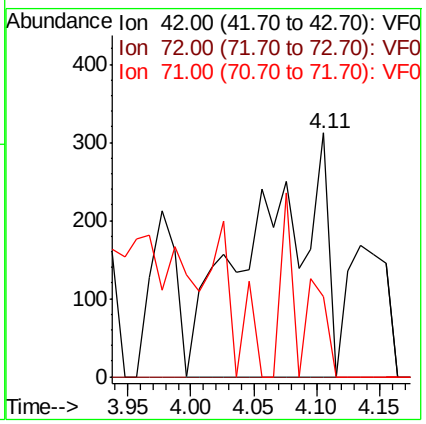


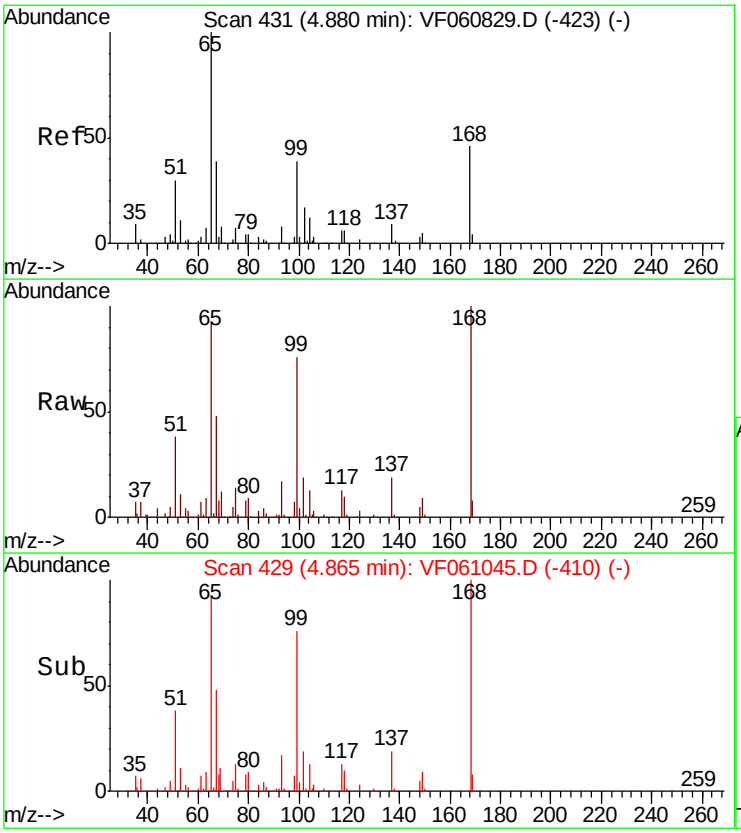
#29
Tetrahydrofuran
Concen: 2.936 ug/l
RT: 4.11 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1170

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	0.0	28.7	43.1#

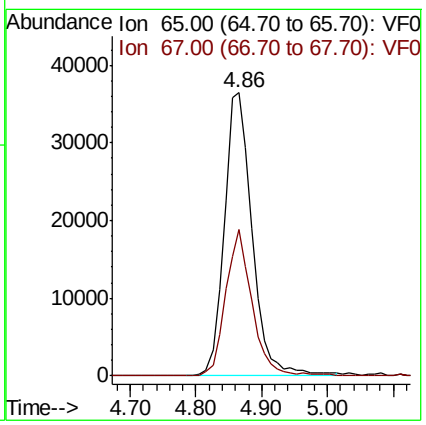


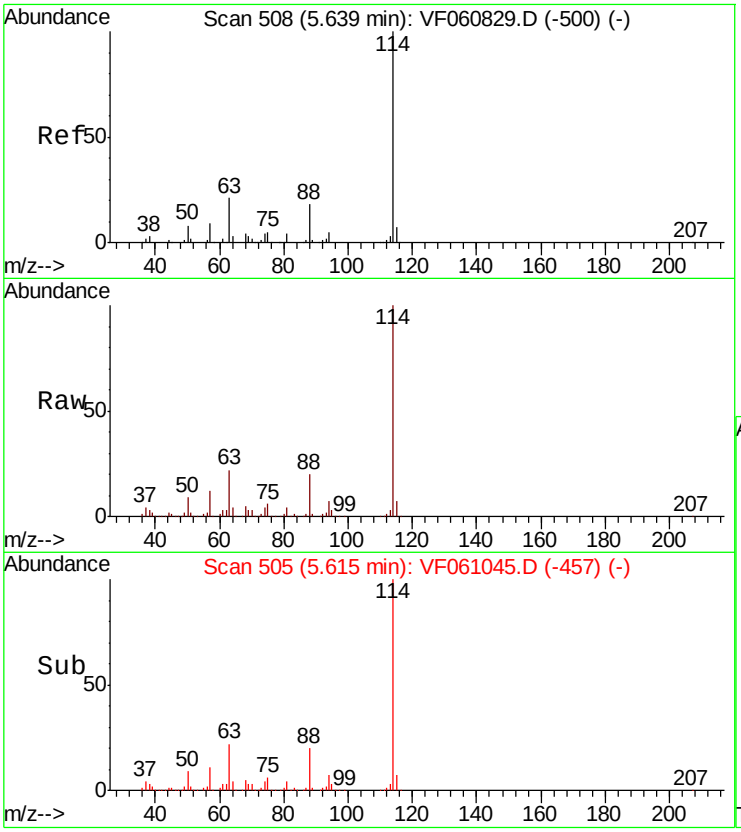


#33
1,2-Dichloroethane-d4
Concen: 36.646 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Tgt Ion: 65 Resp: 108023

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	96.4



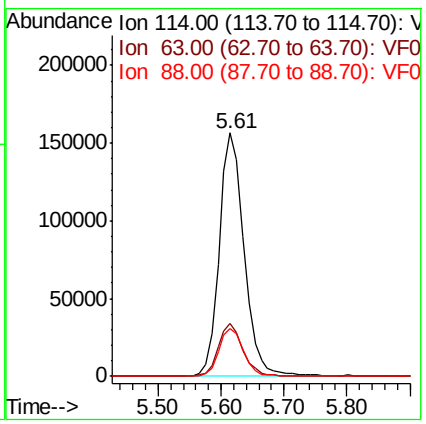


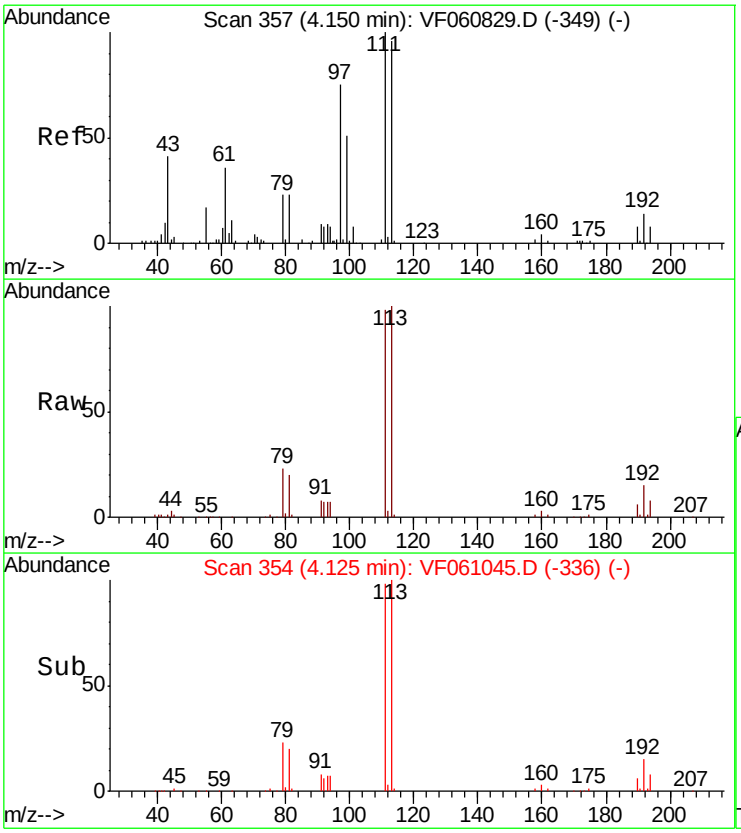
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.02 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 430647

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.6
88	19.6	0.0	36.6

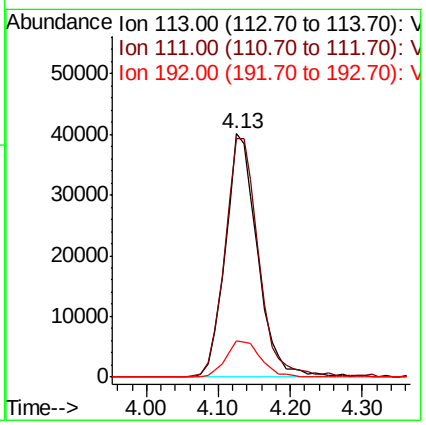


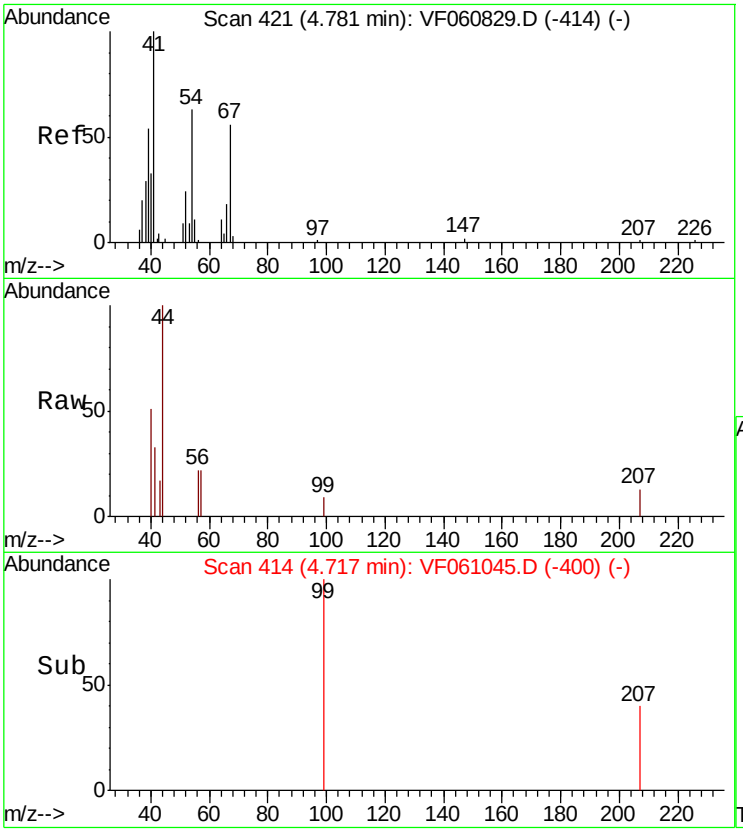


#35
Dibromofluoromethane
Concen: 36.249 ug/l
RT: 4.13 min Scan# 354
Delta R.T. -0.02 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Tgt Ion:113 Resp: 123843

Ion	Ratio	Lower	Upper
113	100		
111	97.8	83.0	124.6
192	14.8	12.3	18.5



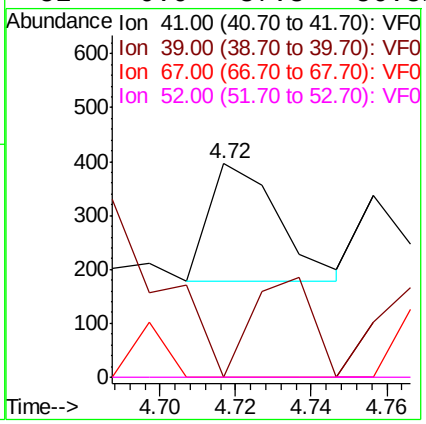


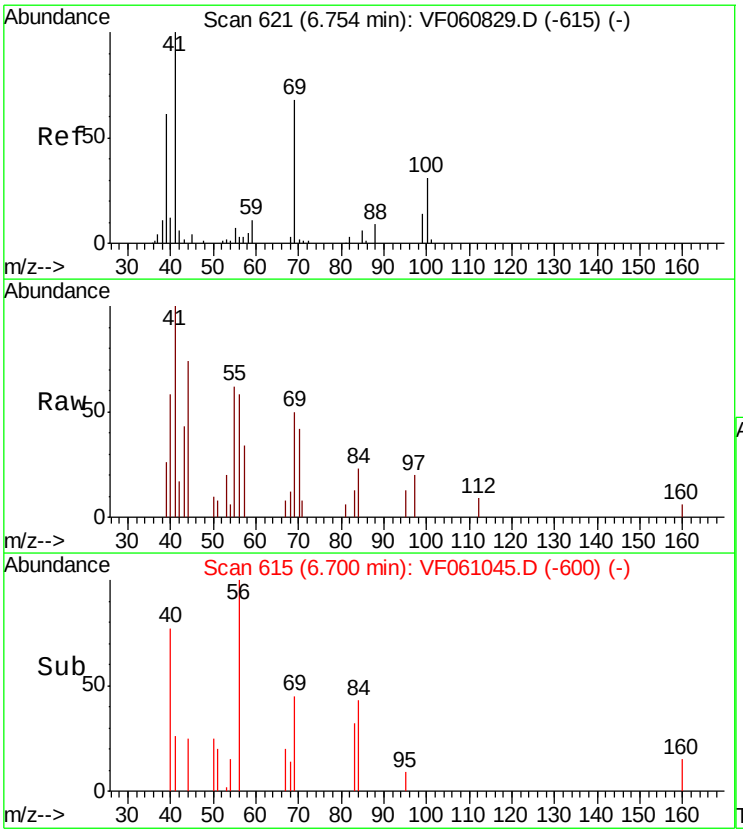
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.72 min Scan# 414
Delta R.T. -0.06 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 276

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

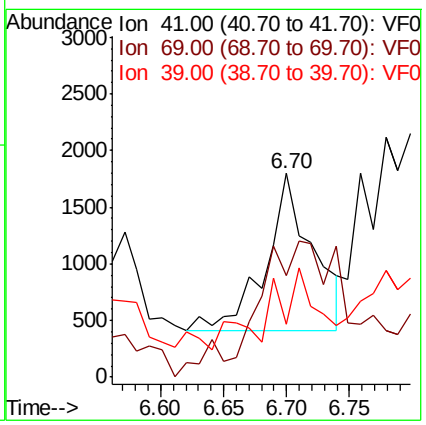


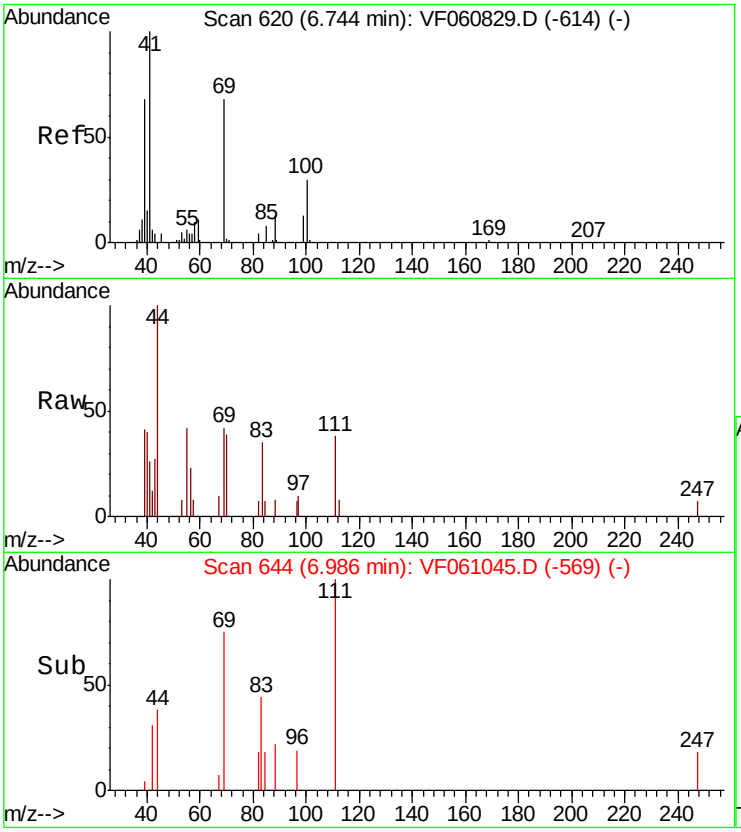


#48
Methyl methacrylate
Concen: 2.050 ug/l
RT: 6.70 min Scan# 615
Delta R.T. -0.05 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Tgt Ion: 41 Resp: 3602

Ion	Ratio	Lower	Upper
41	100		
69	49.8	53.9	80.9#
39	26.1	49.0	73.6#



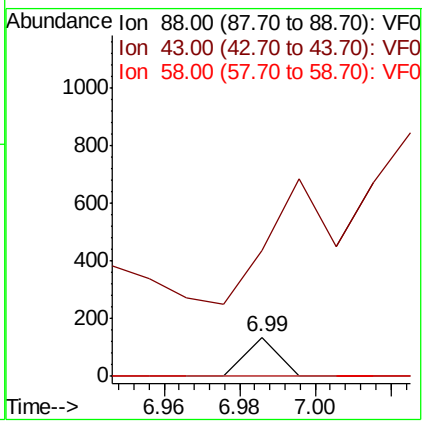


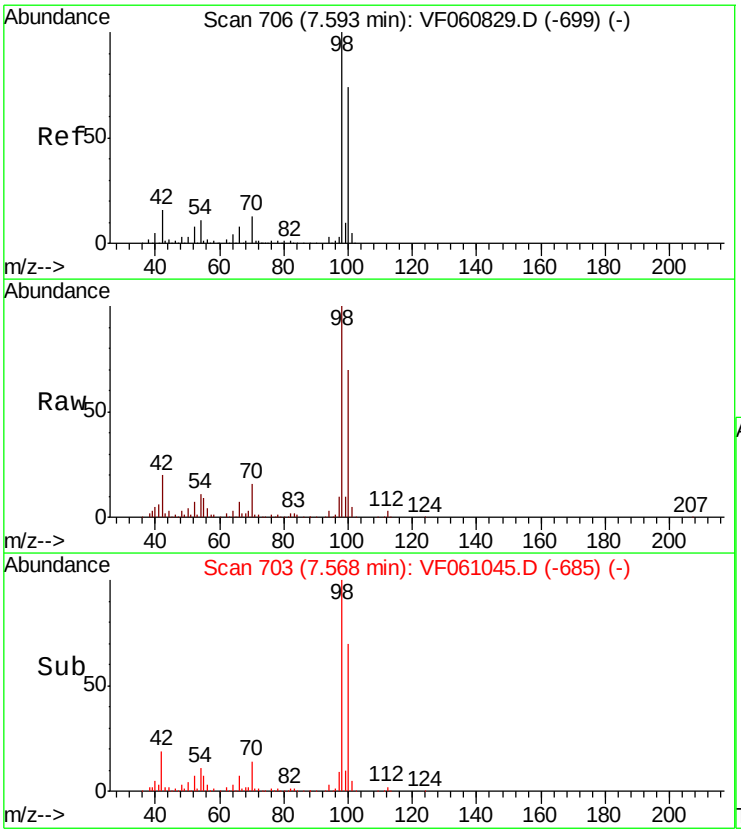
#49
1,4-Dioxane
Concen: 6.221 ug/l
RT: 6.99 min Scan# 644
Delta R.T. 0.24 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	320.6	42.0	63.0#
58	0.0	61.8	92.8#

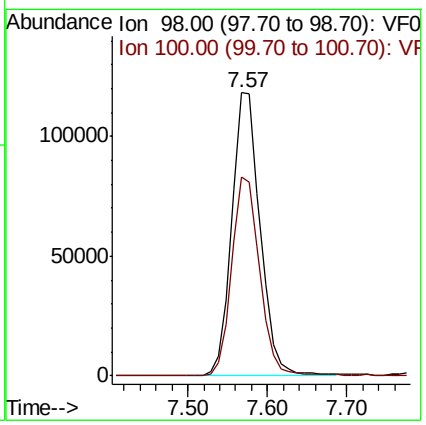


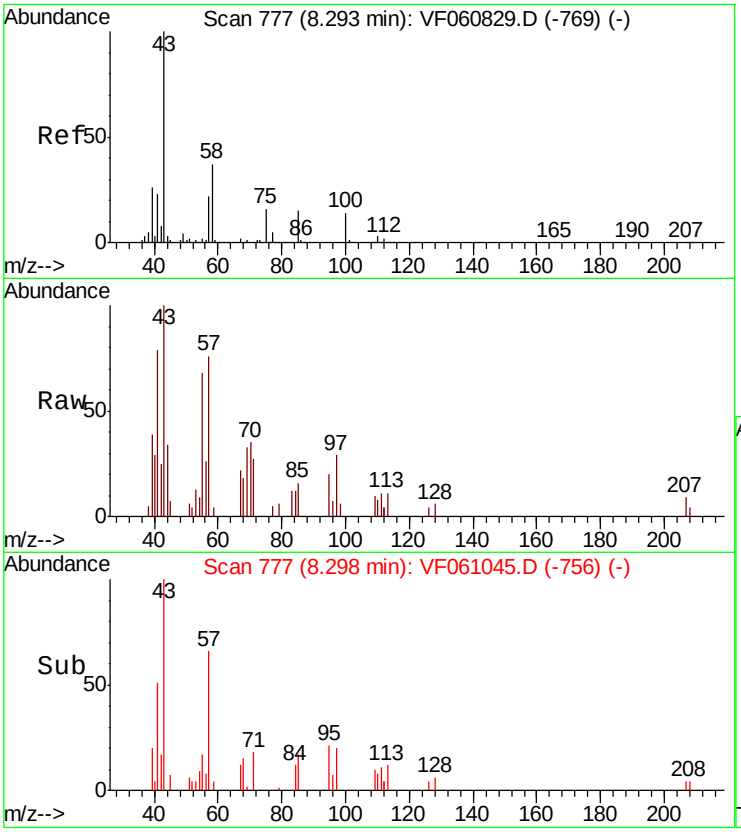


#50
Toluene-d8
Concen: 29.209 ug/l
RT: 7.57 min Scan# 703
Delta R.T. -0.02 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Tgt Ion: 98 Resp: 293950

Ion	Ratio	Lower	Upper
98	100		
100	70.4	59.3	88.9



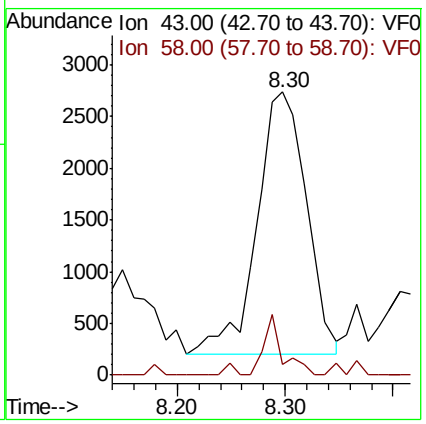


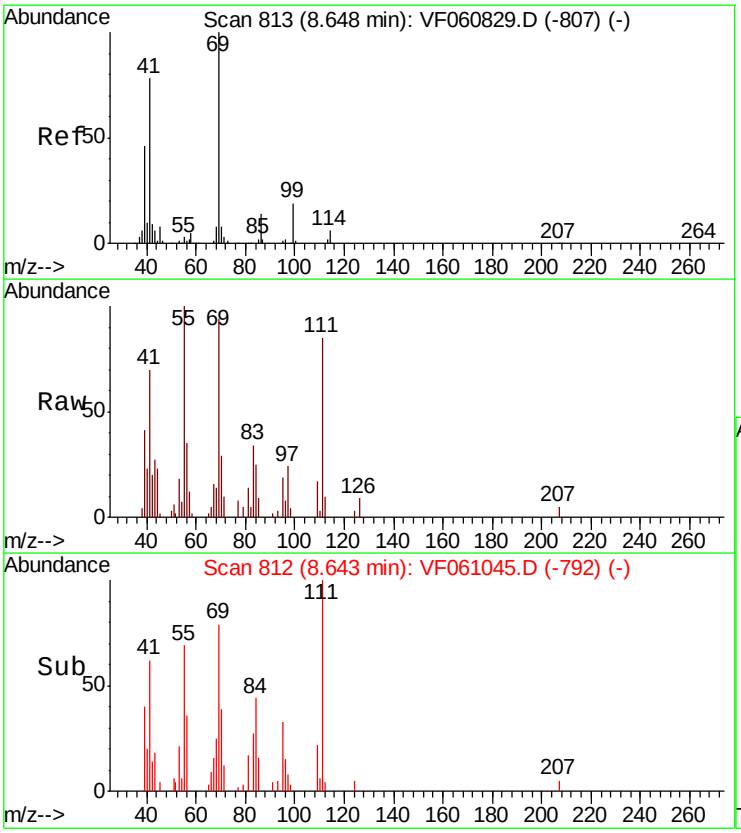
#51
4-Methyl-2-Pentanone
Concen: 4.556 ug/l
RT: 8.30 min Scan# 777
Delta R.T. 0.00 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 8156

Ion	Ratio	Lower	Upper
43	100		
58	3.9	29.7	44.5#

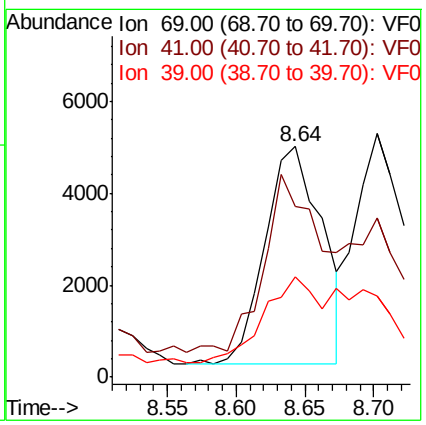


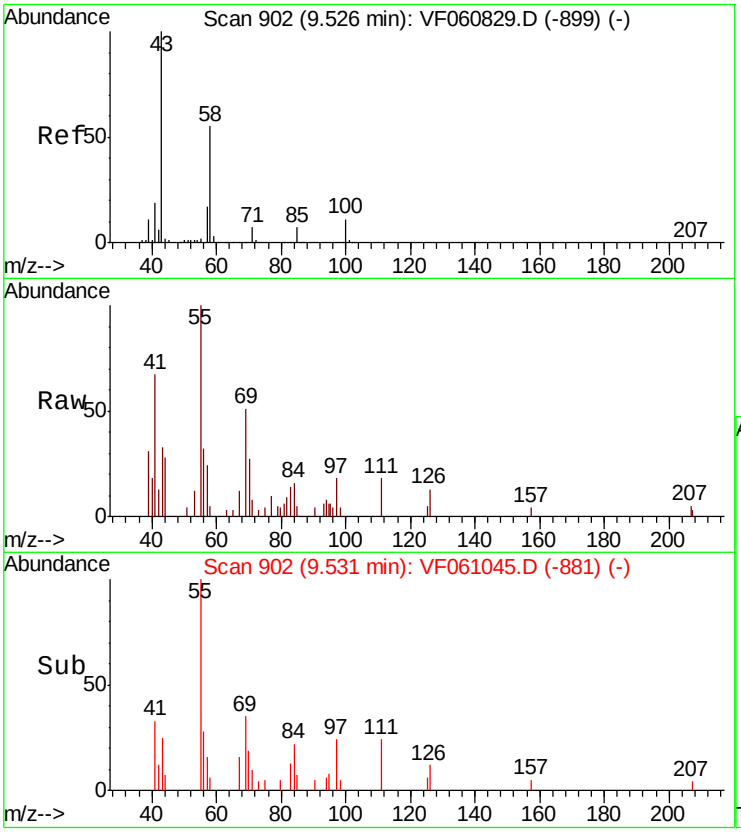


#56
Ethyl methacrylate
Concen: 5.672 ug/l
RT: 8.64 min Scan# 812
Delta R.T. -0.01 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Tgt Ion: 69 Resp: 13609

Ion	Ratio	Lower	Upper
69	100		
41	74.1	62.6	94.0
39	43.6	37.8	56.6



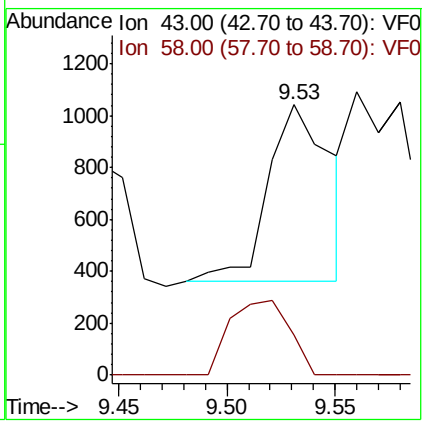


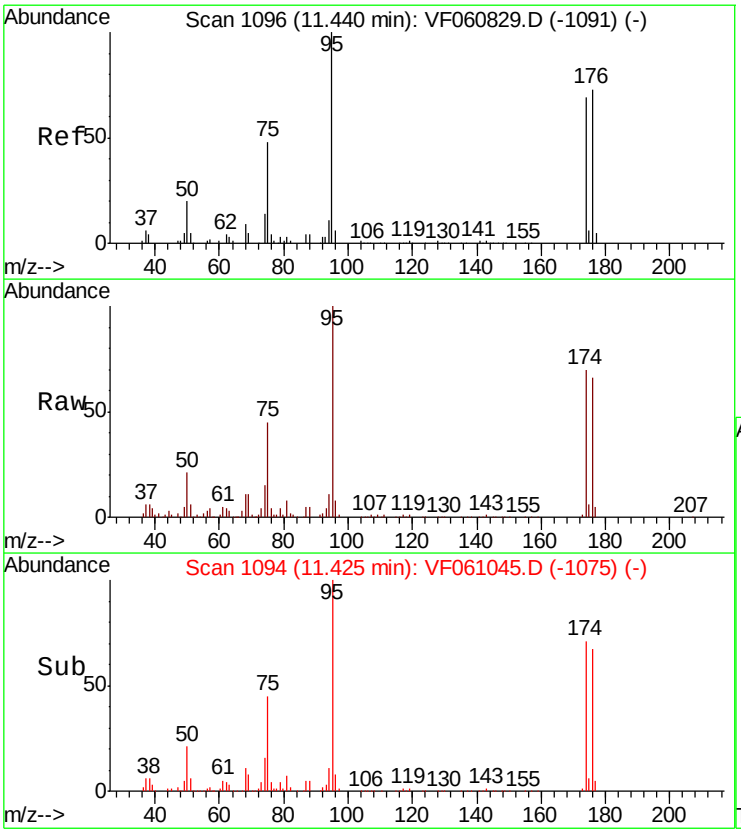
#59
2-Hexanone
Concen: 1.092 ug/l
RT: 9.53 min Scan# 902
Delta R.T. 0.00 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1371

Ion	Ratio	Lower	Upper
43	100		
58	14.7	25.6	76.6#

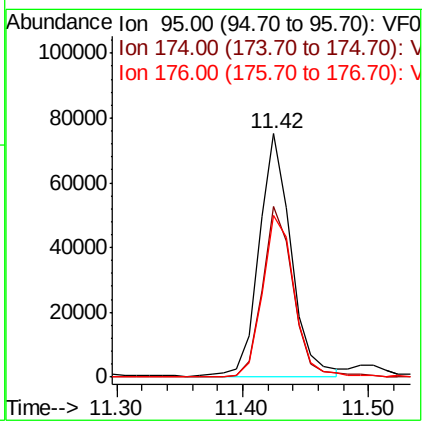


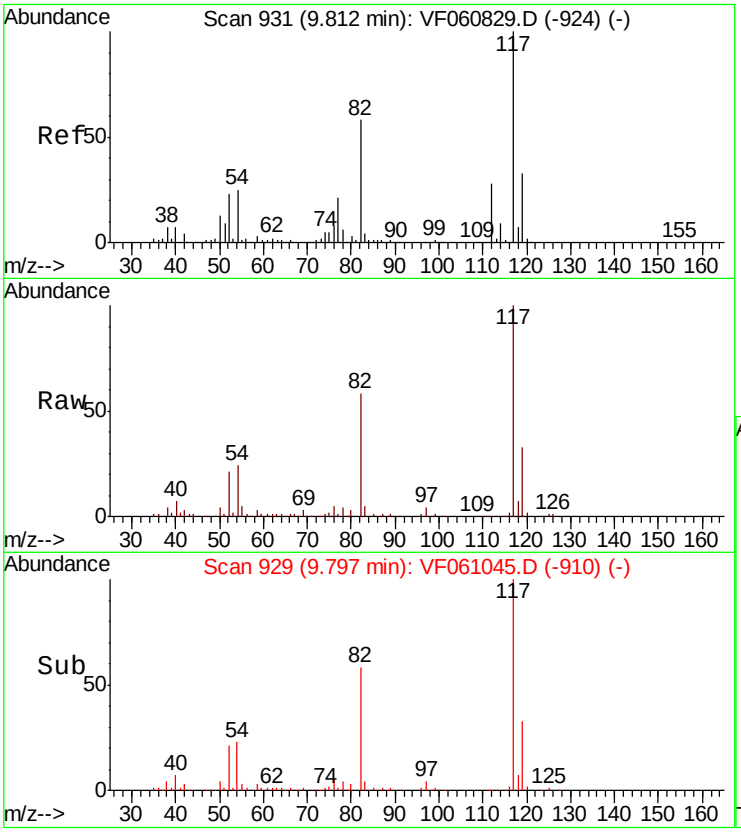


#62
4-Bromofluorobenzene
Concen: 28.796 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.01 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Tgt Ion: 95 Resp: 131708

Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	138.2
176	66.3	0.0	146.2



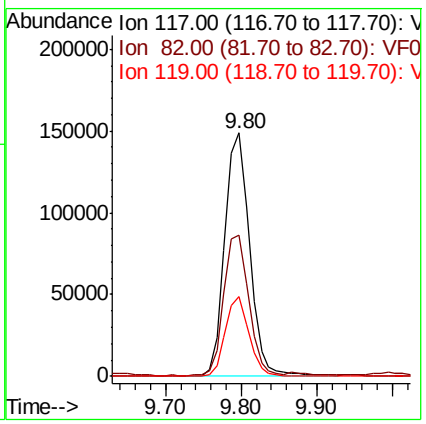


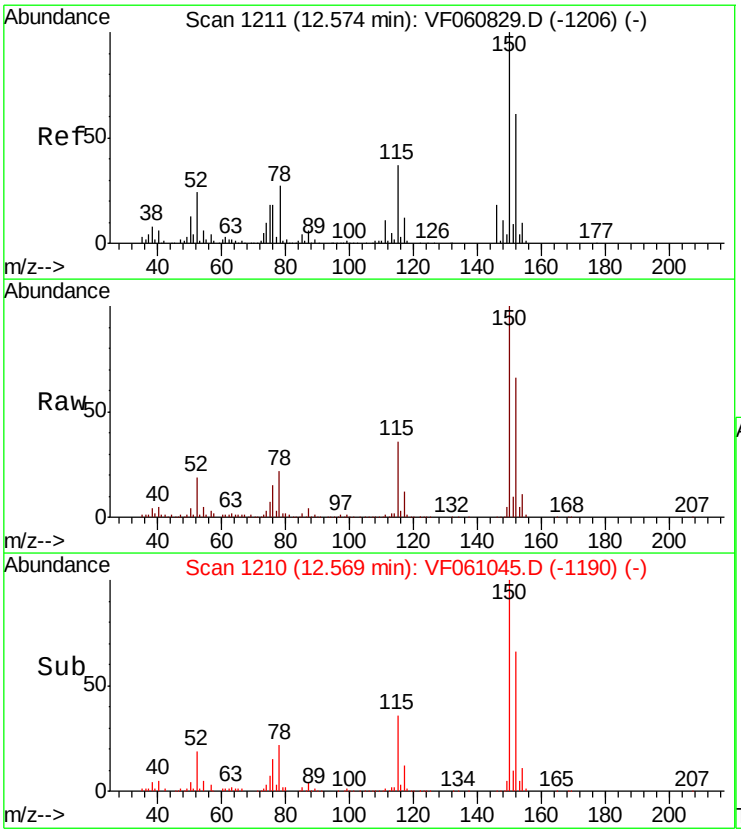
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.01 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 340592

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.6	69.8
119	32.7	26.4	39.6

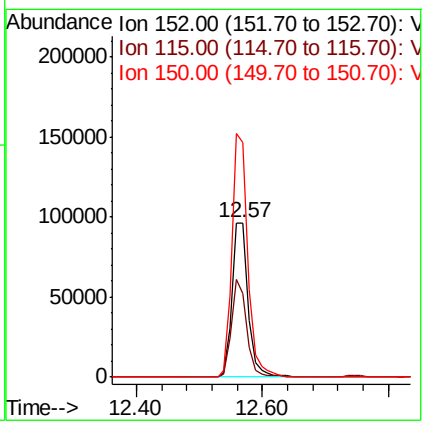


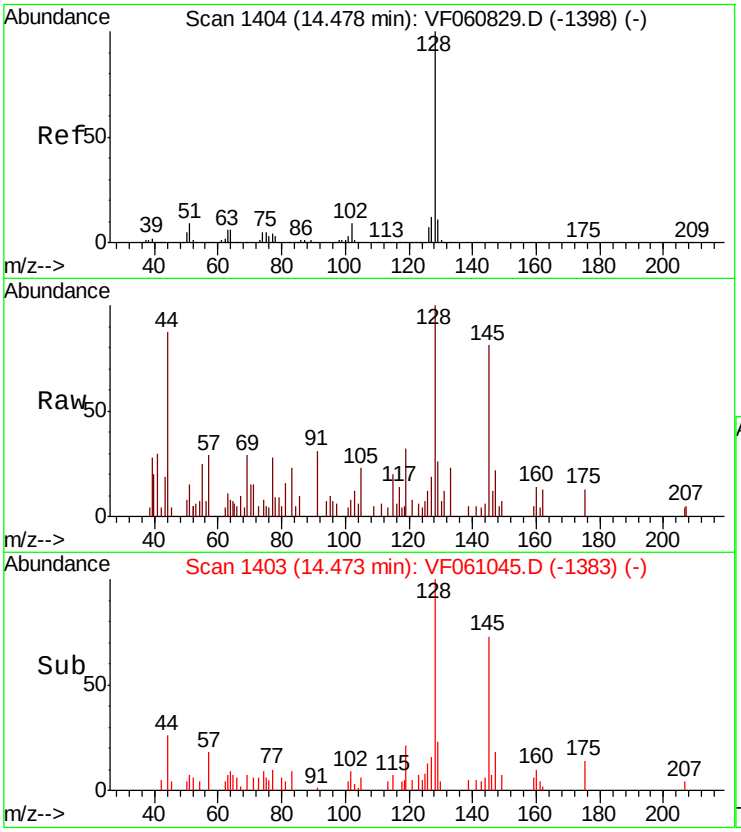


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Tgt Ion:152 Resp: 167678

Ion	Ratio	Lower	Upper
152	100		
115	54.0	30.1	90.5
150	151.6	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.47 min Scan# 1403
Delta R.T. -0.00 min
Lab File: VF061045.D
Acq: 17 Dec 2018 17:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 4714

Ion	Ratio	Lower	Upper
128	100		
127	18.8	9.9	14.9#
129	25.8	9.1	13.7#