Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121718\
Data File : VF061047.D
Acq On : 17 Dec 2018 18:25
Operator : VA/AP
Sample : J6353-06RE
Misc : 5.91g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:09:25 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	4.89	168	220311	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	358521	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	305701	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	170904	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	121293	46.73	ug/l	-0.02
Spiked Amount 50.000			Recovery = 93.46%			
35) Dibromofluoromethane	4.13	113	148659	52.27	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.54%			
50) Toluene-d8	7.57	98	379771	45.33	ug/l	-0.02
Spiked Amount 50.000			Recovery = 90.66%			
62) 4-Bromofluorobenzene	11.43	95	180676	47.45	ug/l	-0.01
Spiked Amount 50.000			Recovery = 94.90%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.51	59	165	1.551	ug/l #	1
13) Acrolein	2.03	56	403	3.998	ug/l	100
15) Acrylonitrile	2.93	53	401	1.681	ug/l #	48
18) Methyl Acetate	2.35	43	376	Below Cal	#	61
20) Methylene Chloride	2.27	84	4029	2.295	ug/l #	76
25) 2-Butanone	4.37	43	852	1.029	ug/l #	57
41) Methacrylonitrile	4.75	41	394	Below Cal	#	50
43) Isopropyl Acetate	6.97	43	725	Below Cal	#	49
49) 1,4-Dioxane	6.73	88	65	6.072	ug/l #	12
59) 2-Hexanone	9.52	43	1685	1.612	ug/l	94
95) Naphthalene	14.47	128	4508	Below Cal	#	93

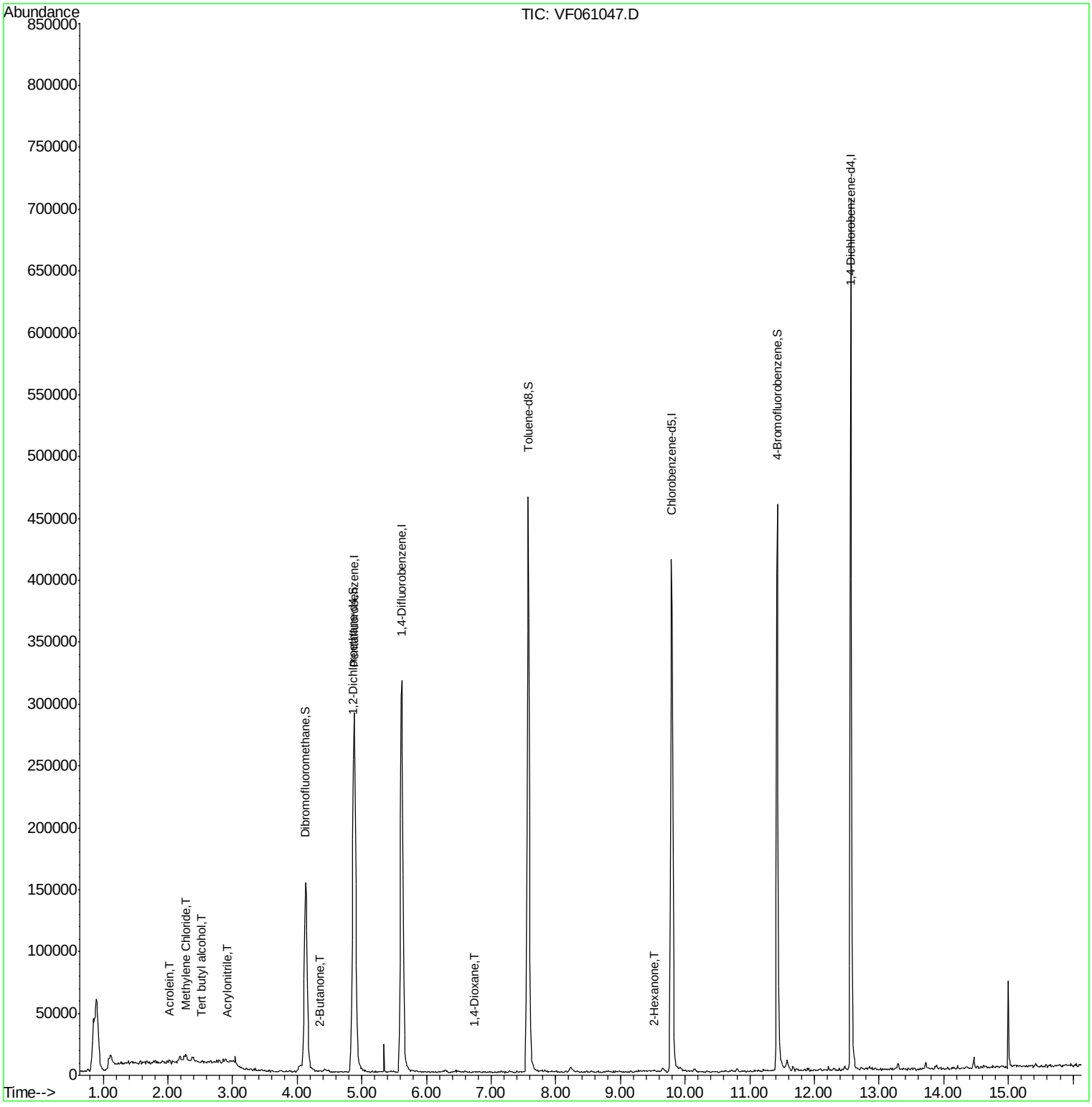
(#) = qualifier out of range (m) = manual integration (+) = signals summed

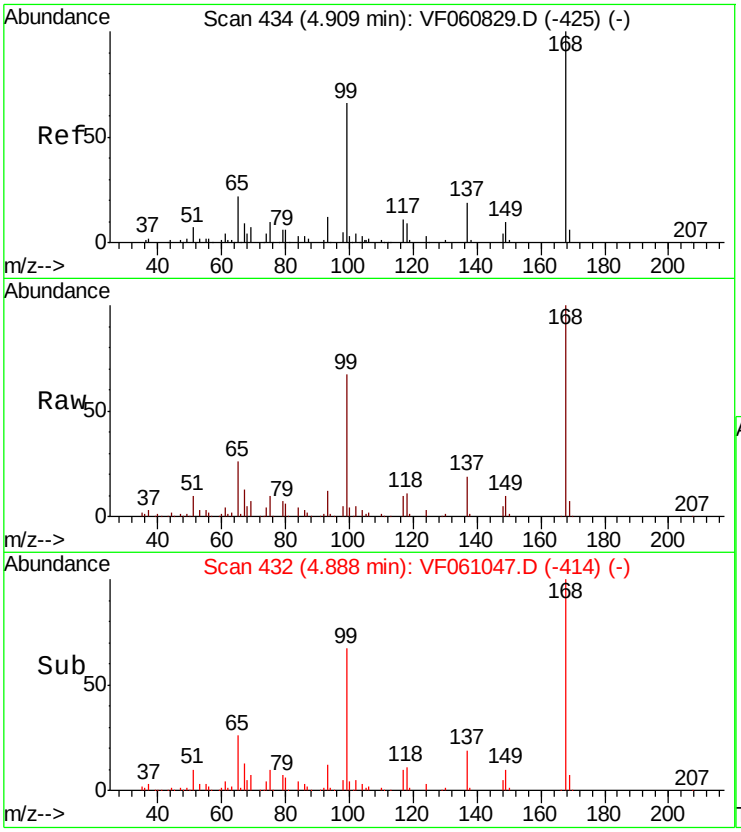
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
Data File : VF061047.D
Acq On : 17 Dec 2018 18:25
Operator : VA/AP
Sample : J6353-06RE
Misc : 5.91g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:09:25 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



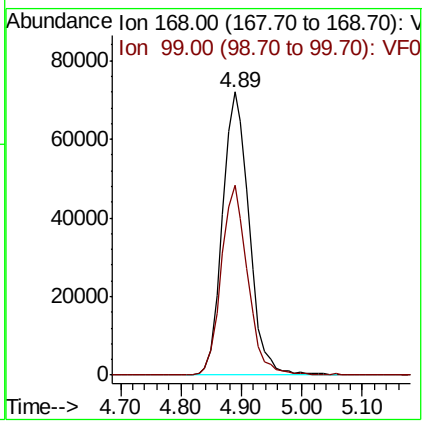


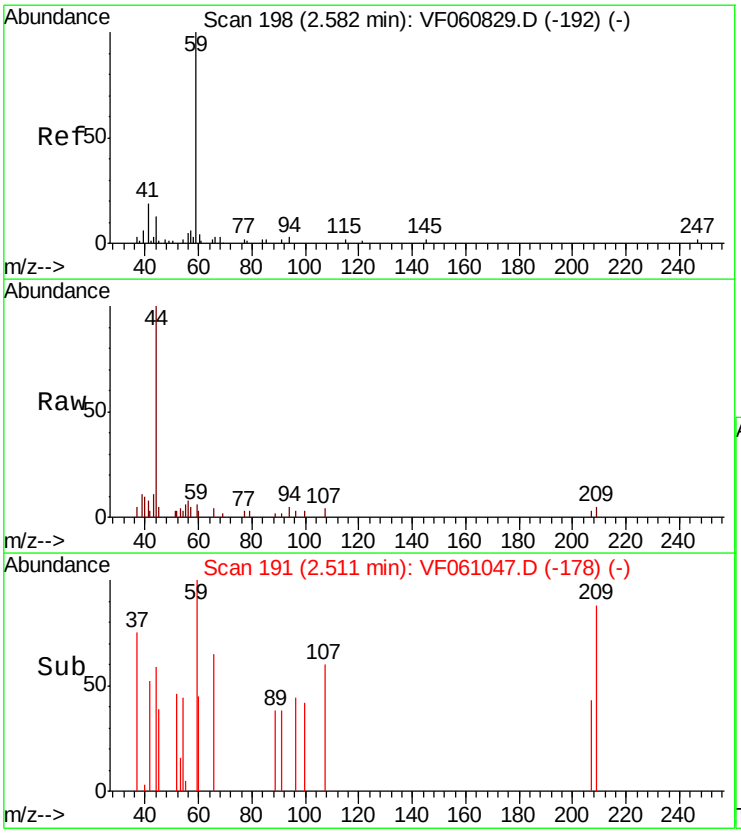
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 220311

Ion	Ratio	Lower	Upper
168	100		
99	67.1	52.6	79.0

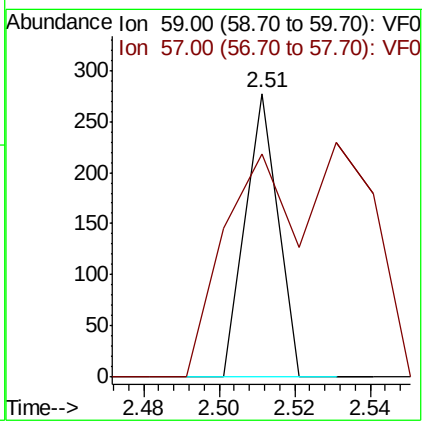


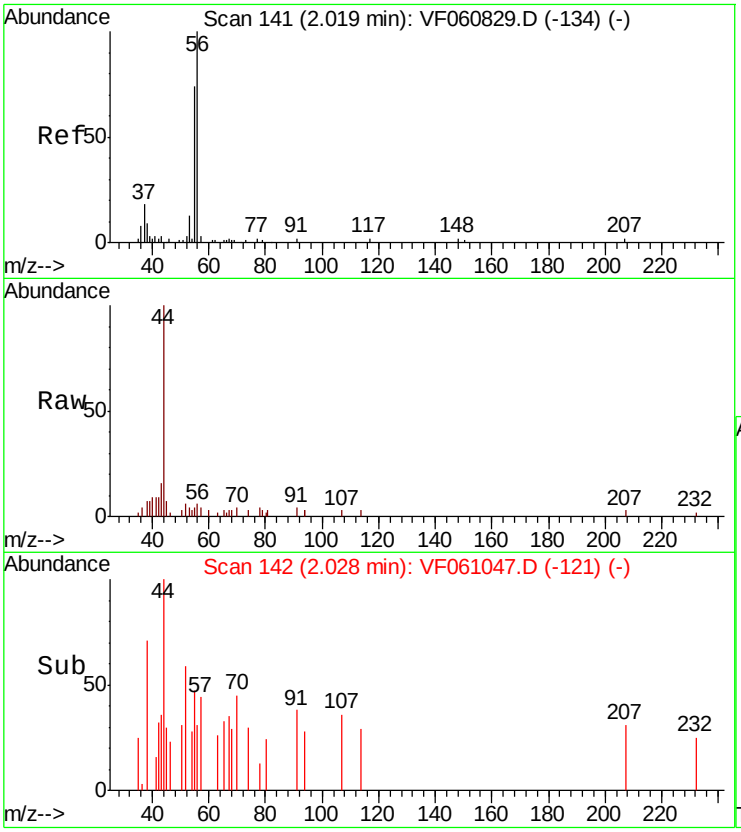


#11
Tert butyl alcohol
Concen: 1.551 ug/l
RT: 2.51 min Scan# 191
Delta R.T. -0.07 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Tgt Ion: 59 Resp: 165

Ion	Ratio	Lower	Upper
59	100		
57	78.4	12.7	19.1#



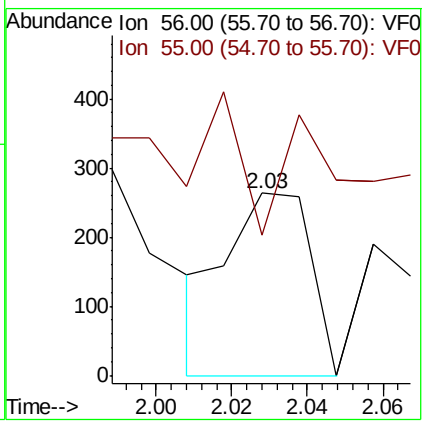


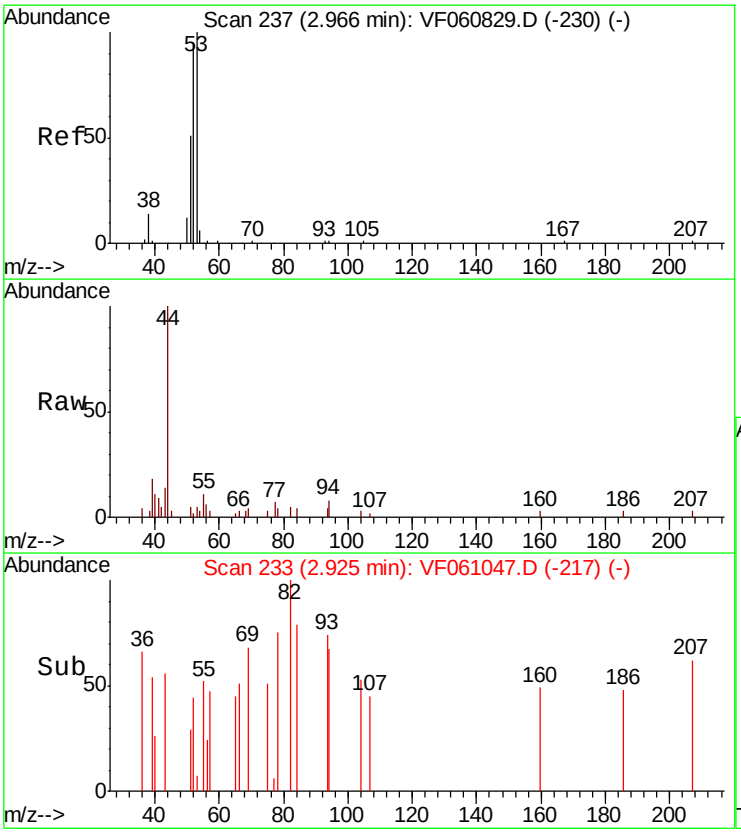
#13
Acrolein
Concen: 3.998 ug/l
RT: 2.03 min Scan# 142
Delta R.T. 0.01 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 403

Ion	Ratio	Lower	Upper
56	100		
55	76.9	61.2	91.8

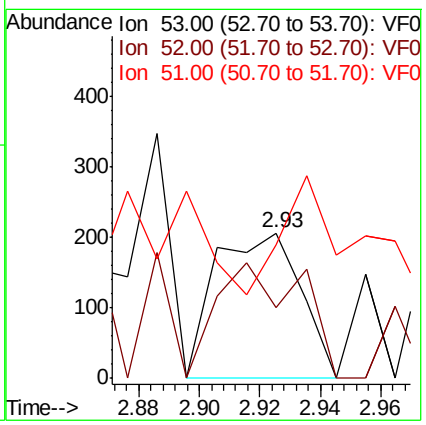


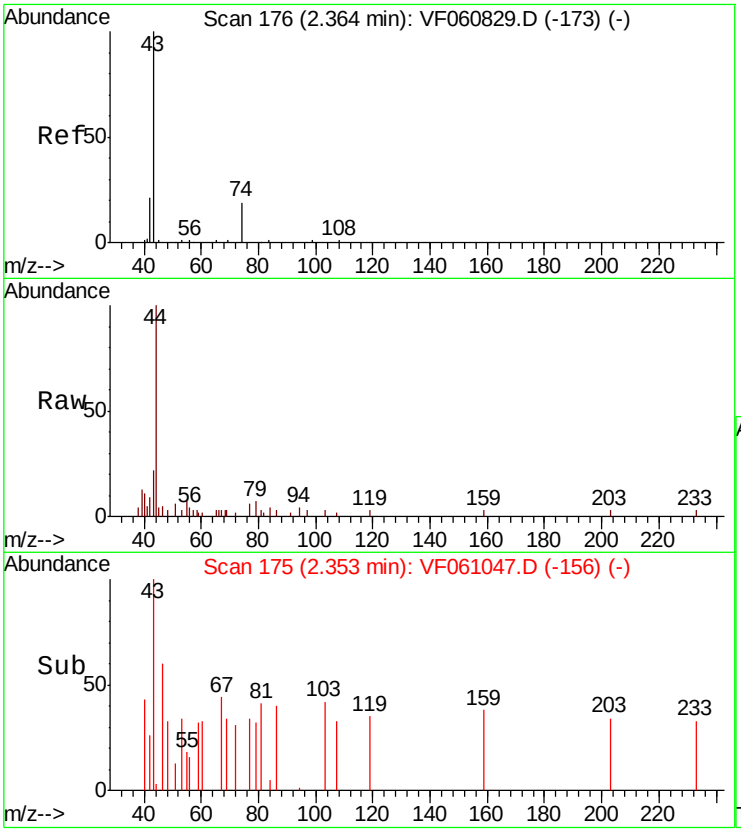


#15
Acrylonitrile
Concen: 1.681 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.04 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Tgt Ion: 53 Resp: 401

Ion	Ratio	Lower	Upper
53	100		
52	48.5	76.5	114.7#
51	91.3	40.7	61.1#



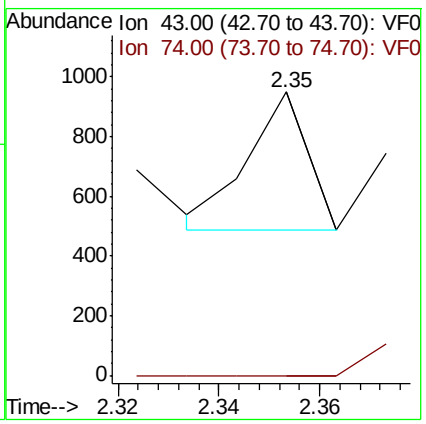


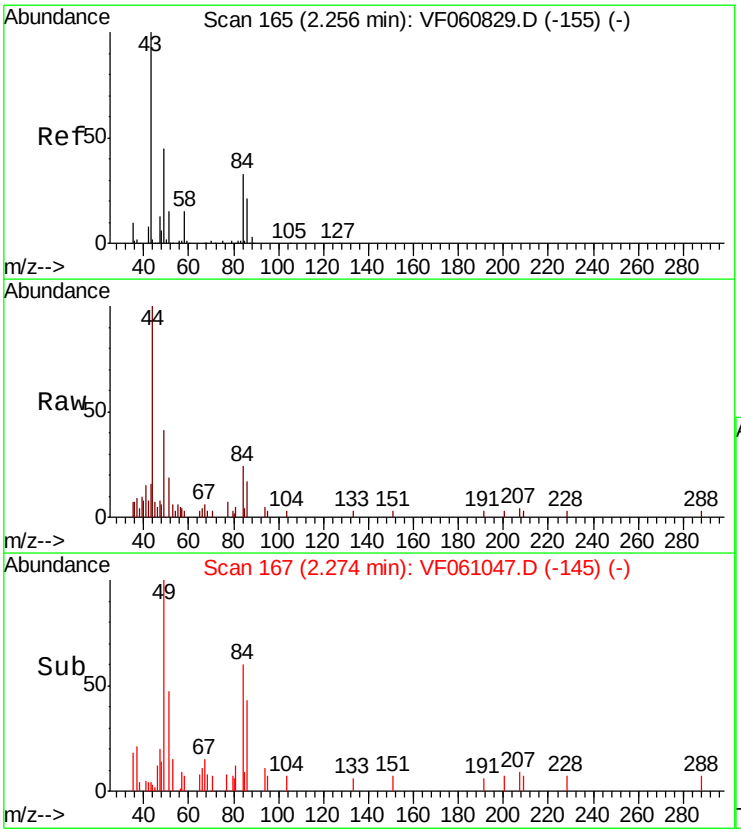
#18
Methyl Acetate
Concen: Below Cal
RT: 2.35 min Scan# 175
Delta R.T. -0.01 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 376

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

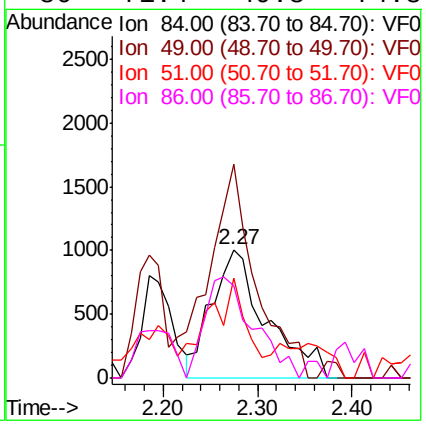


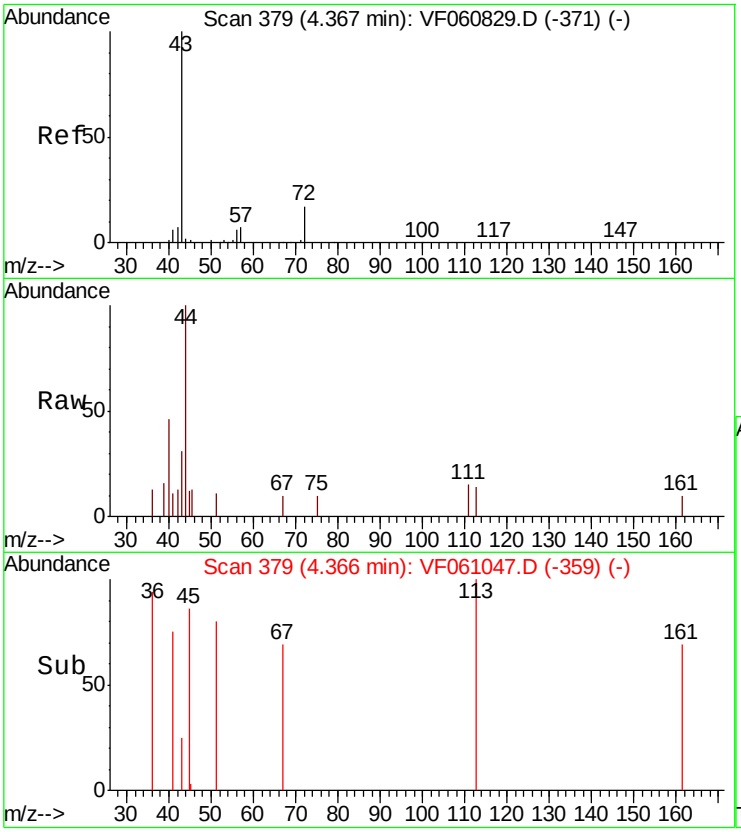


#20
Methylene Chloride
Concen: 2.295 ug/l
RT: 2.27 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Tgt Ion: 84 Resp: 4029

Ion	Ratio	Lower	Upper
84	100		
49	166.3	111.3	166.9
51	77.6	38.0	57.0#
86	71.4	49.8	74.8



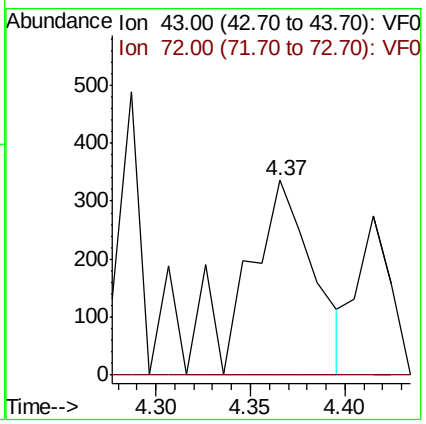


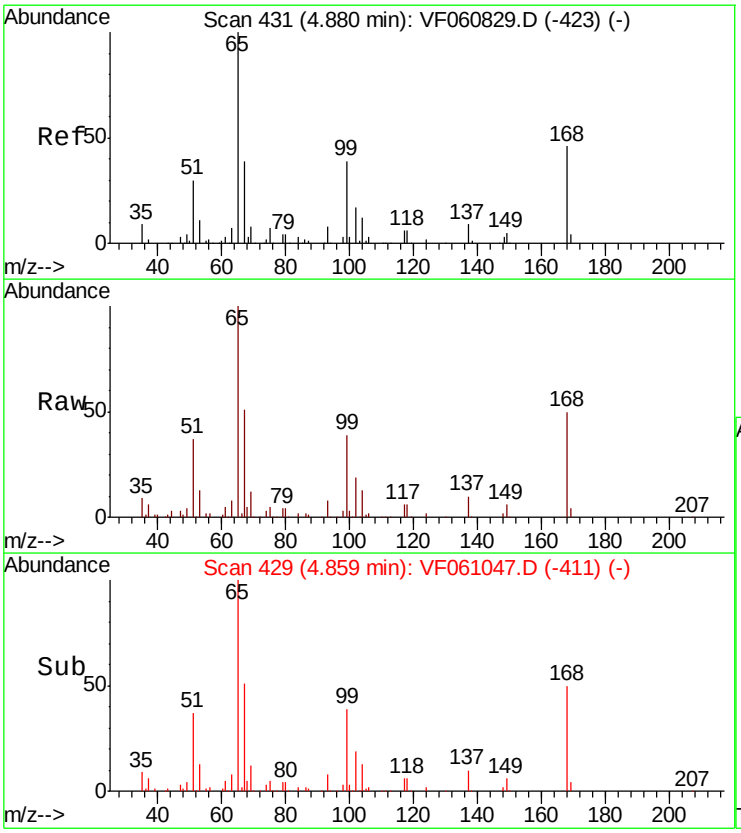
#25
2-Butanone
Concen: 1.029 ug/l
RT: 4.37 min Scan# 379
Delta R.T. -0.00 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 852

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

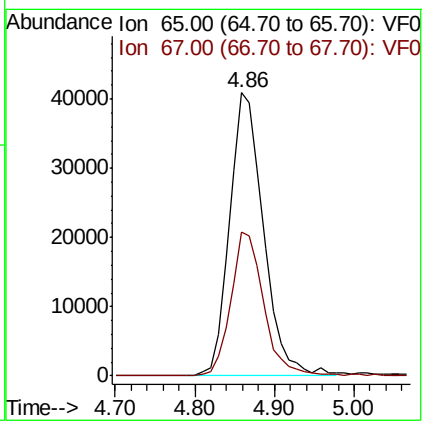


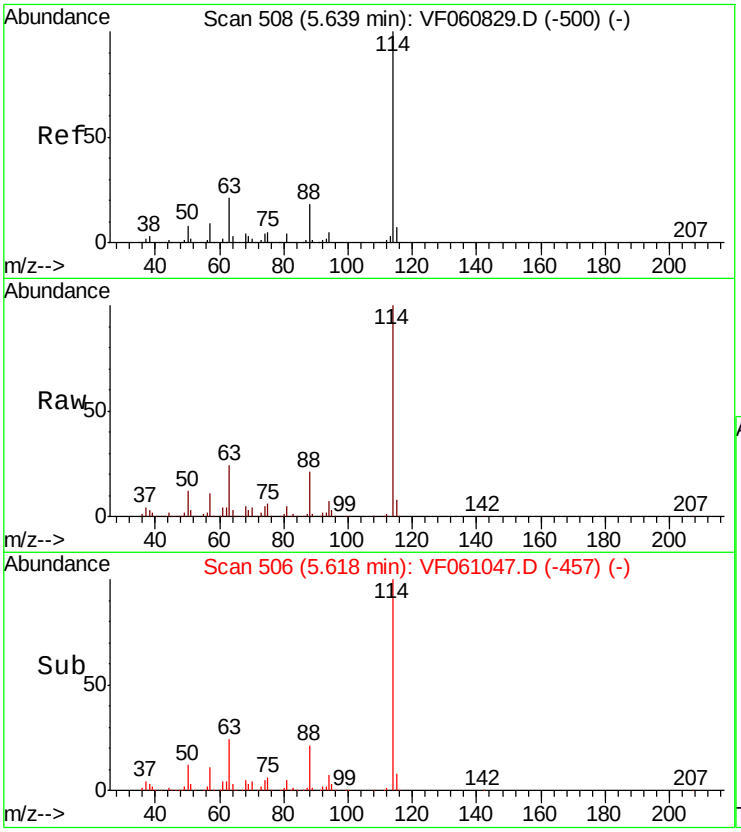


#33
1,2-Dichloroethane-d4
Concen: 46.735 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Tgt Ion: 65 Resp: 121293

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	96.4



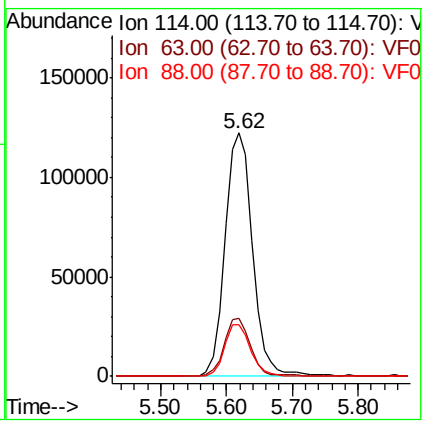


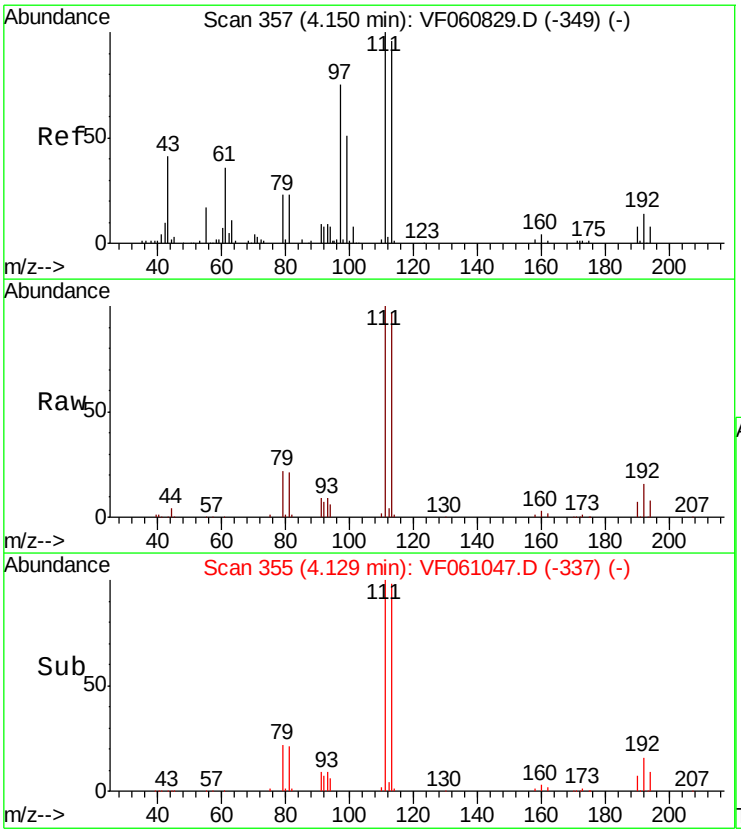
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 358521

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	41.6
88	21.3	0.0	36.6

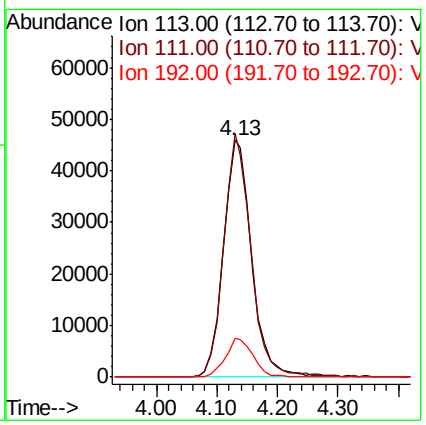


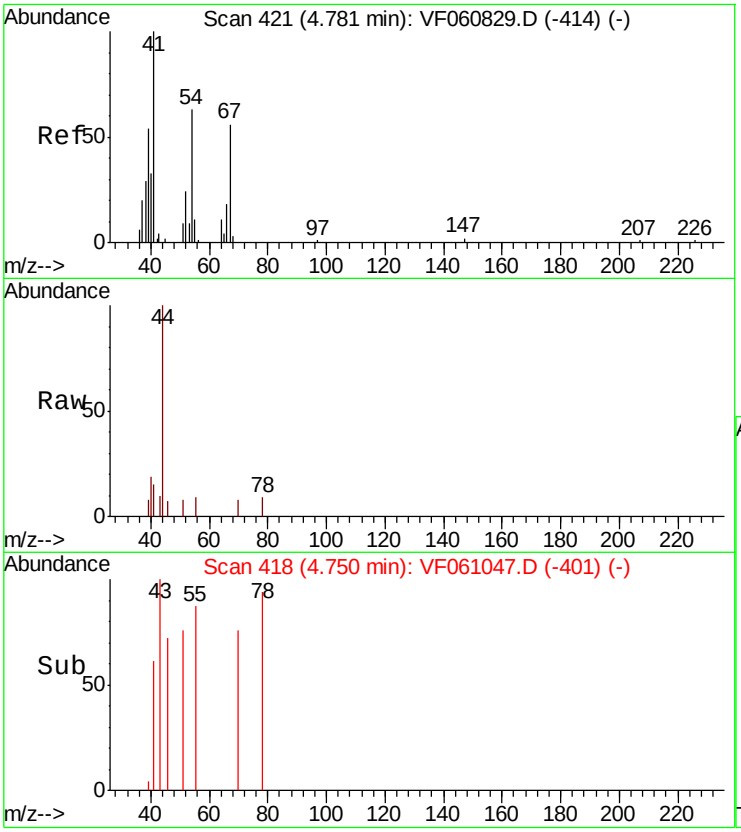


#35
Dibromofluoromethane
Concen: 52.267 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Tgt Ion:113 Resp: 148659

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	16.5	12.3	18.5



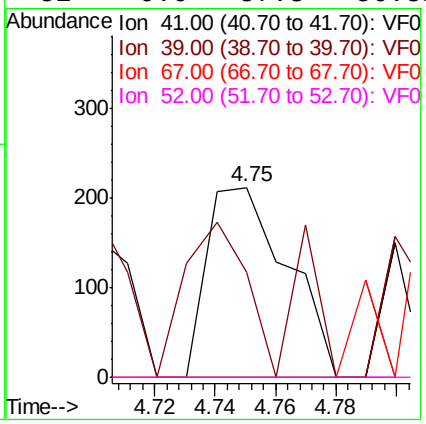


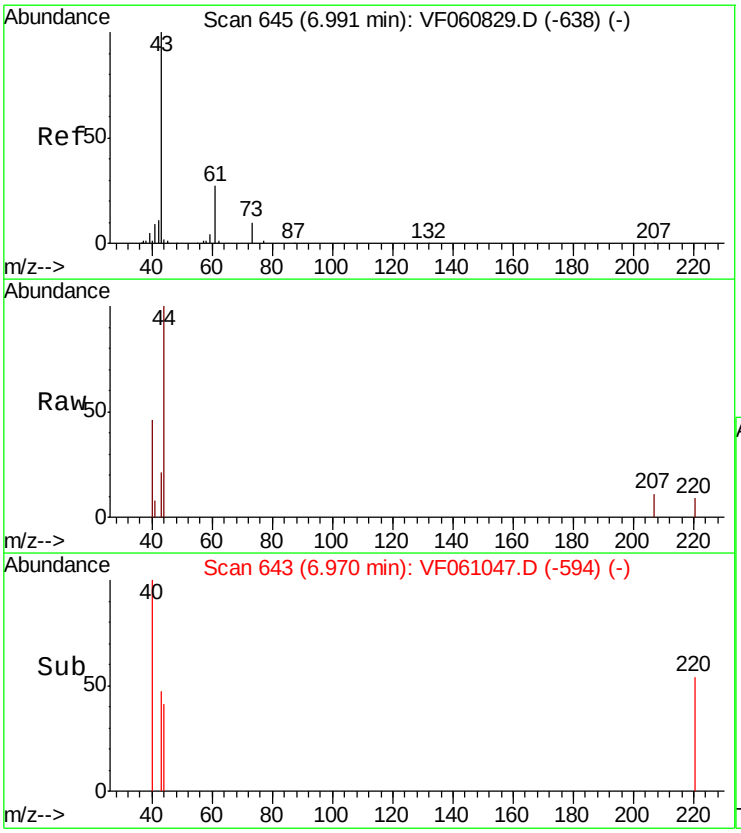
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.75 min Scan# 418
Delta R.T. -0.03 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 394

Ion	Ratio	Lower	Upper
41	100		
39	55.2	53.0	79.6
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

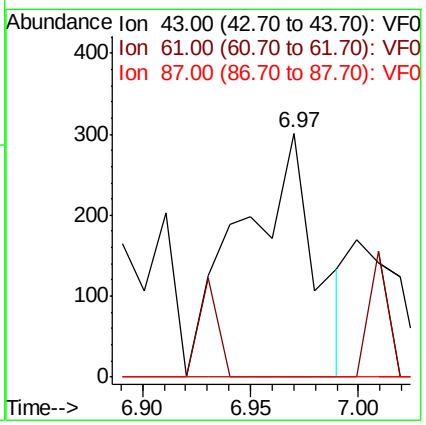


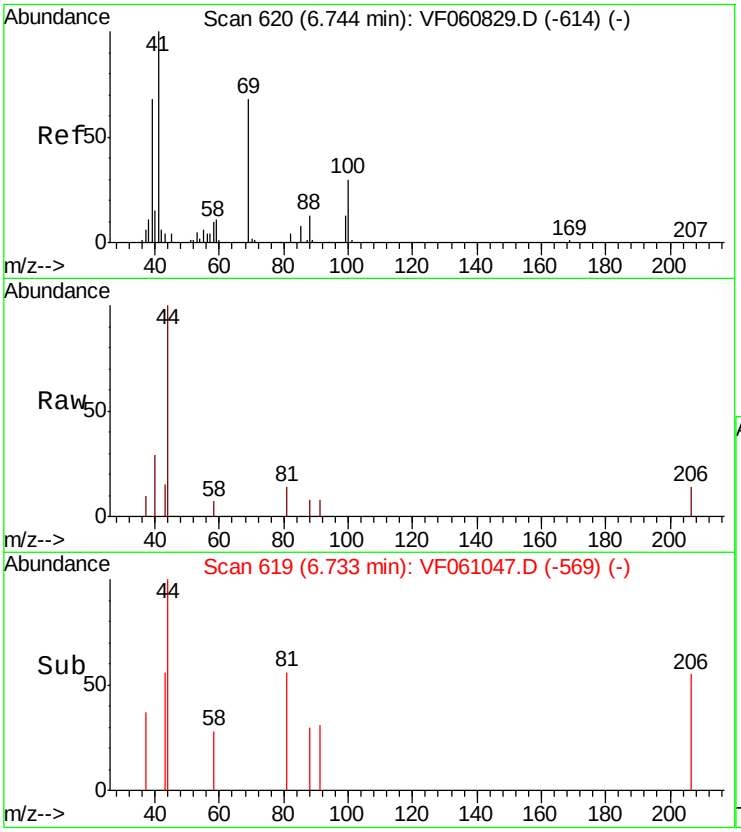


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.97 min Scan# 643
Delta R.T. -0.02 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Tgt Ion: 43 Resp: 725

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#



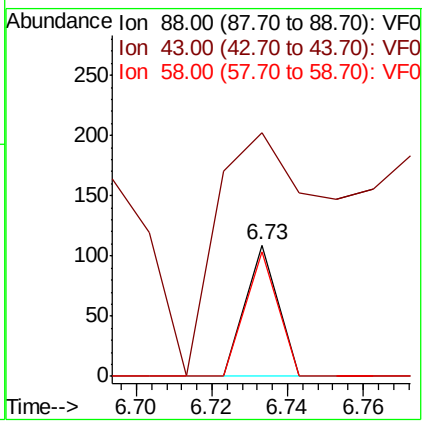


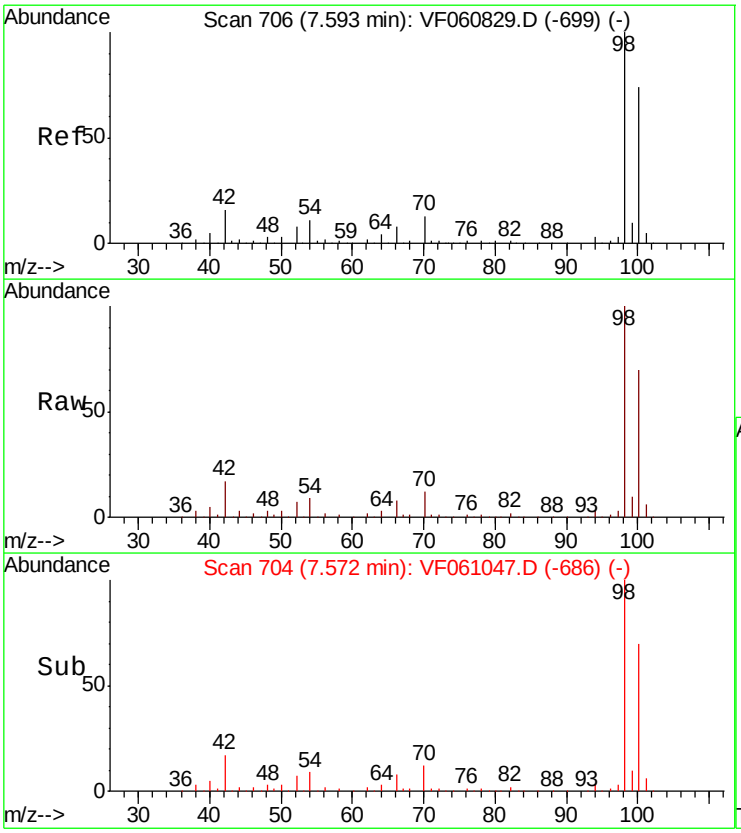
#49
1,4-Dioxane
Concen: 6.072 ug/l
RT: 6.73 min Scan# 619
Delta R.T. -0.01 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	185.3	42.0	63.0#
58	94.5	61.8	92.8#

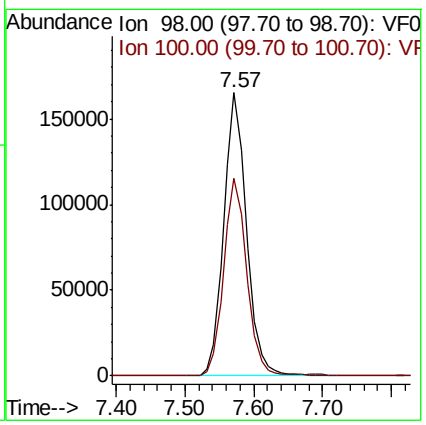


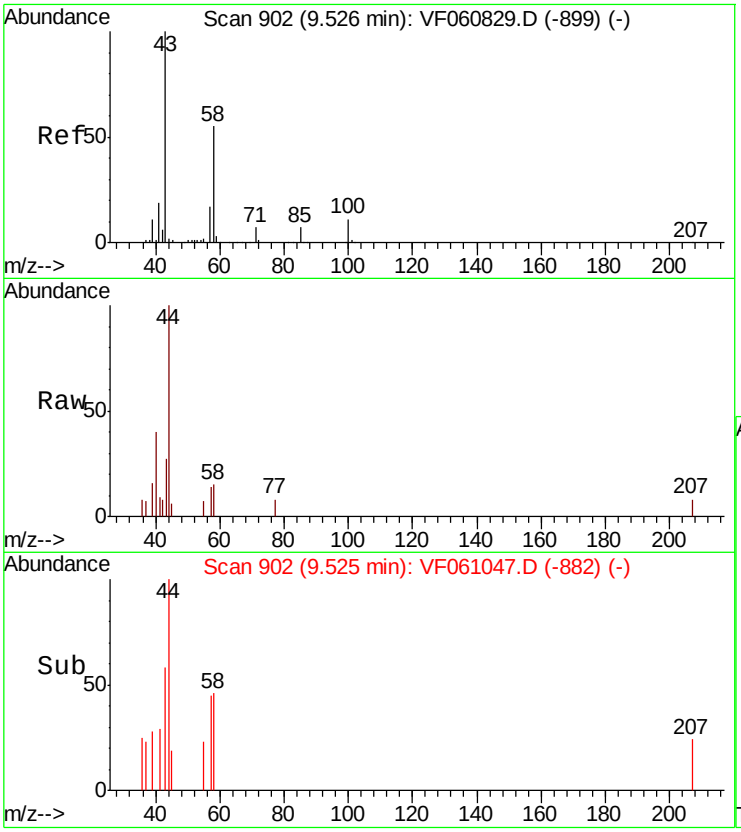


#50
Toluene-d8
Concen: 45.328 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Tgt Ion: 98 Resp: 379771

Ion	Ratio	Lower	Upper
98	100		
100	69.6	59.3	88.9



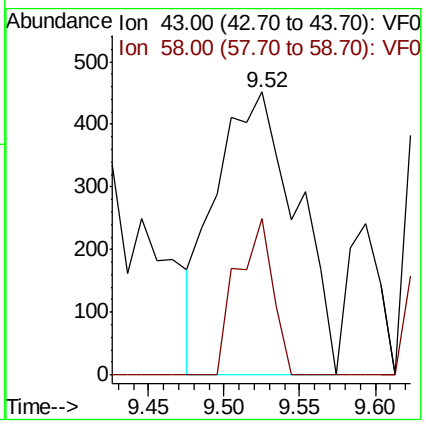


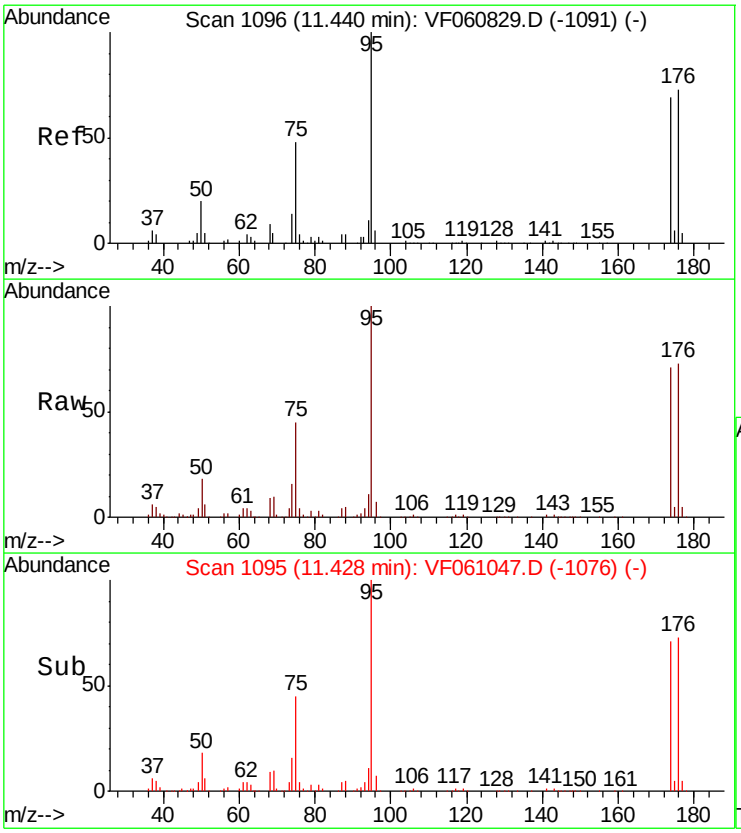
#59
2-Hexanone
Concen: 1.612 ug/l
RT: 9.52 min Scan# 902
Delta R.T. -0.00 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1685

Ion	Ratio	Lower	Upper
43	100		
58	55.3	25.6	76.6

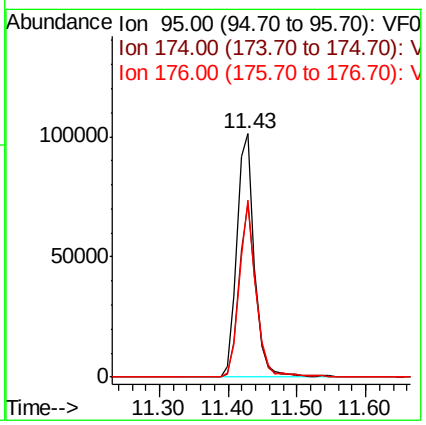


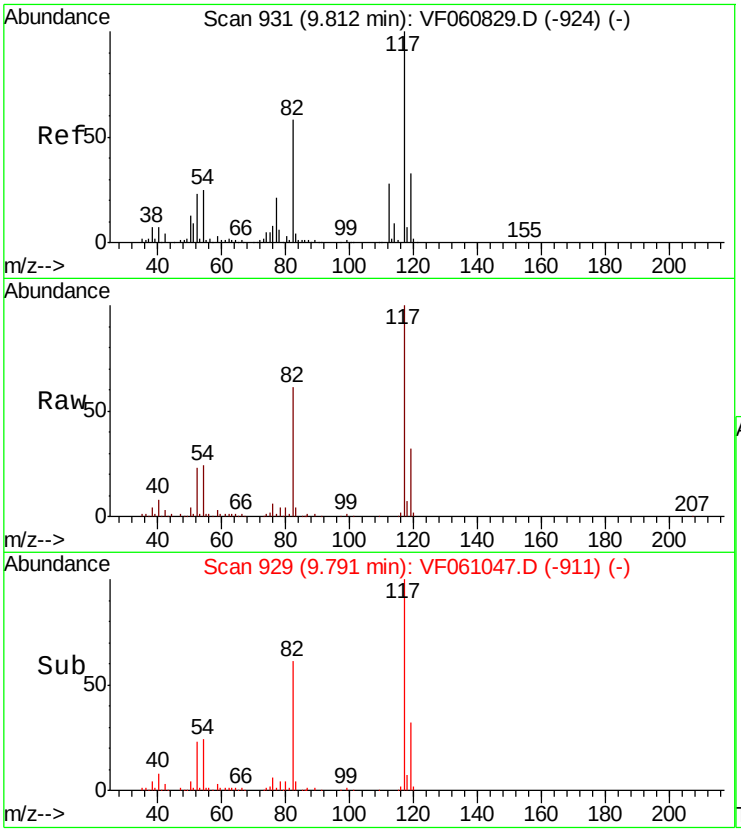


#62
4-Bromofluorobenzene
Concen: 47.449 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Tgt Ion: 95 Resp: 180676

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	138.2
176	72.8	0.0	146.2



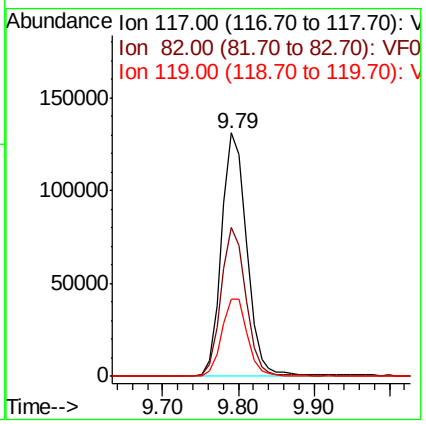


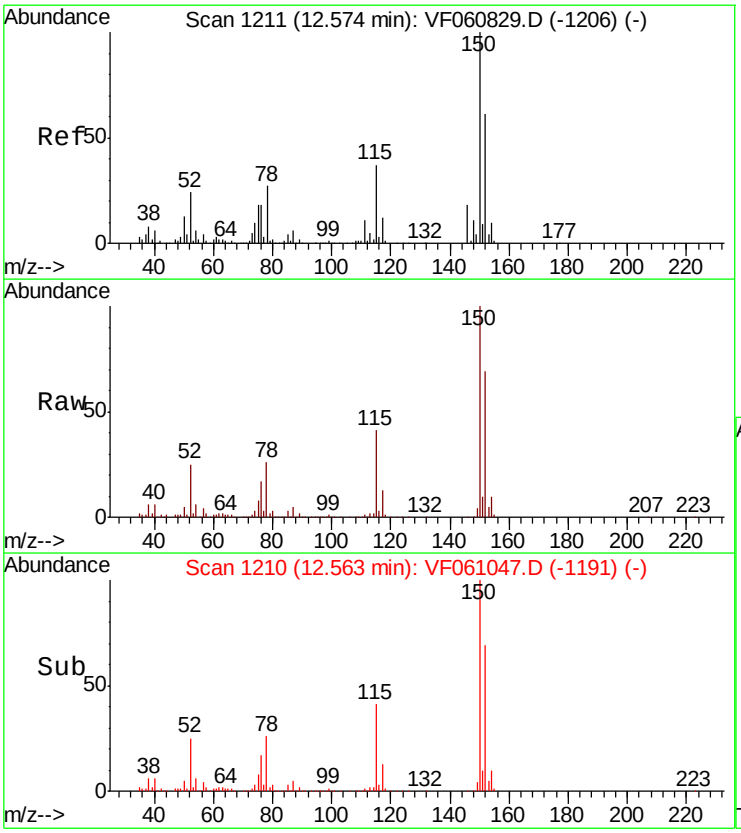
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 305701

Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.6	69.8
119	31.7	26.4	39.6

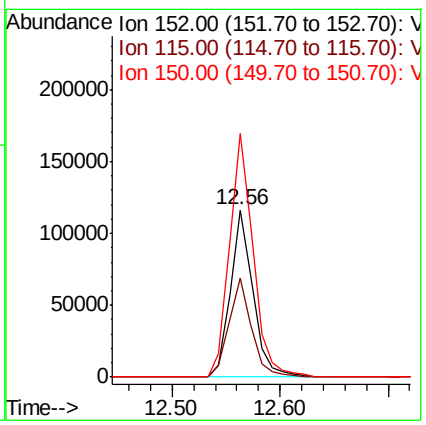


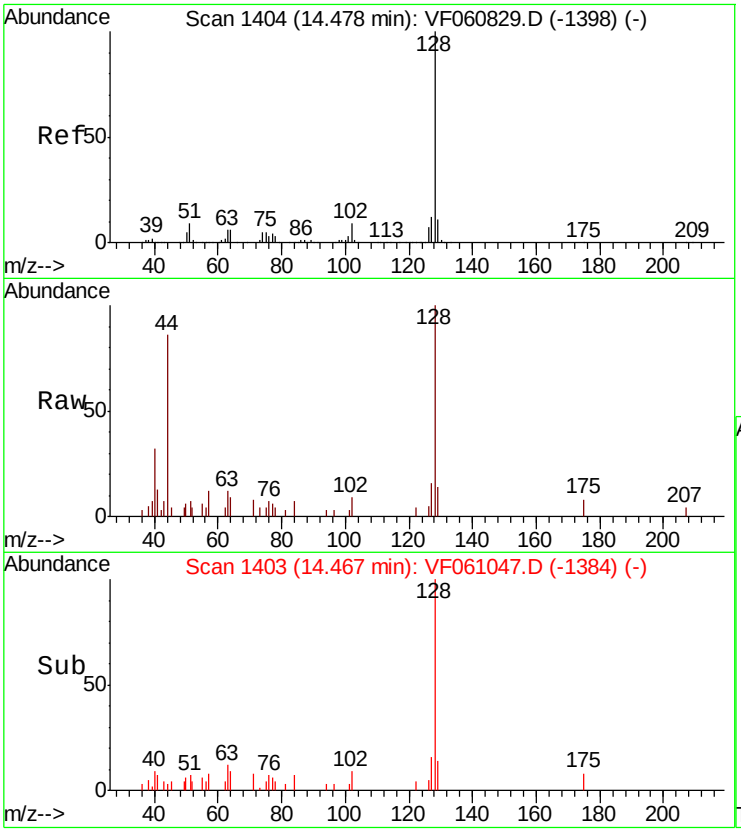


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Tgt Ion:152 Resp: 170904

Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.1	90.5
150	145.5	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.47 min Scan# 1403
Delta R.T. -0.01 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 4508

Ion	Ratio	Lower	Upper
128	100		
127	15.7	9.9	14.9#
129	13.7	9.1	13.7#