Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120318\
Data File : VF060897.D
Acq On : 3 Dec 2018 17:55
Operator : VA/AP
Sample : J5764-29RE
Misc : 6.48g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-113018-E

Quant Time: Dec 04 03:11:35 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	191695	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	312532	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	268652	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	114447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	113456	50.24	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.48%			
35) Dibromofluoromethane	4.13	113	123390	49.77	ug/l	-0.02
Spiked Amount 50.000			Recovery = 99.54%			
50) Toluene-d8	7.58	98	273988	37.51	ug/l	-0.02
Spiked Amount 50.000			Recovery = 75.02%			
62) 4-Bromofluorobenzene	11.42	95	130511	39.32	ug/l	-0.02
Spiked Amount 50.000			Recovery = 78.64%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	267	2.884	ug/l #	62
13) Acrolein	1.93	56	531	6.054	ug/l	87
15) Acrylonitrile	2.94	53	528	2.544	ug/l #	19
16) Acetone	2.25	43	40245	96.643	ug/l #	91
20) Methylene Chloride	2.25	84	5321	3.483	ug/l	93
25) 2-Butanone	4.37	43	4235	5.880	ug/l #	84
29) Tetrahydrofuran	4.10	42	516	1.690	ug/l #	61
41) Methacrylonitrile	4.77	41	79	Below Cal	#	27
43) Isopropyl Acetate	6.97	43	431	Below Cal	#	49
51) 4-Methyl-2-Pentanone	8.27	43	1480	1.139	ug/l #	38
52) Toluene	7.64	92	6410	1.192	ug/l	82
59) 2-Hexanone	9.52	43	2041	2.240	ug/l #	59
95) Naphthalene	14.47	128	4149	Below Cal	#	96

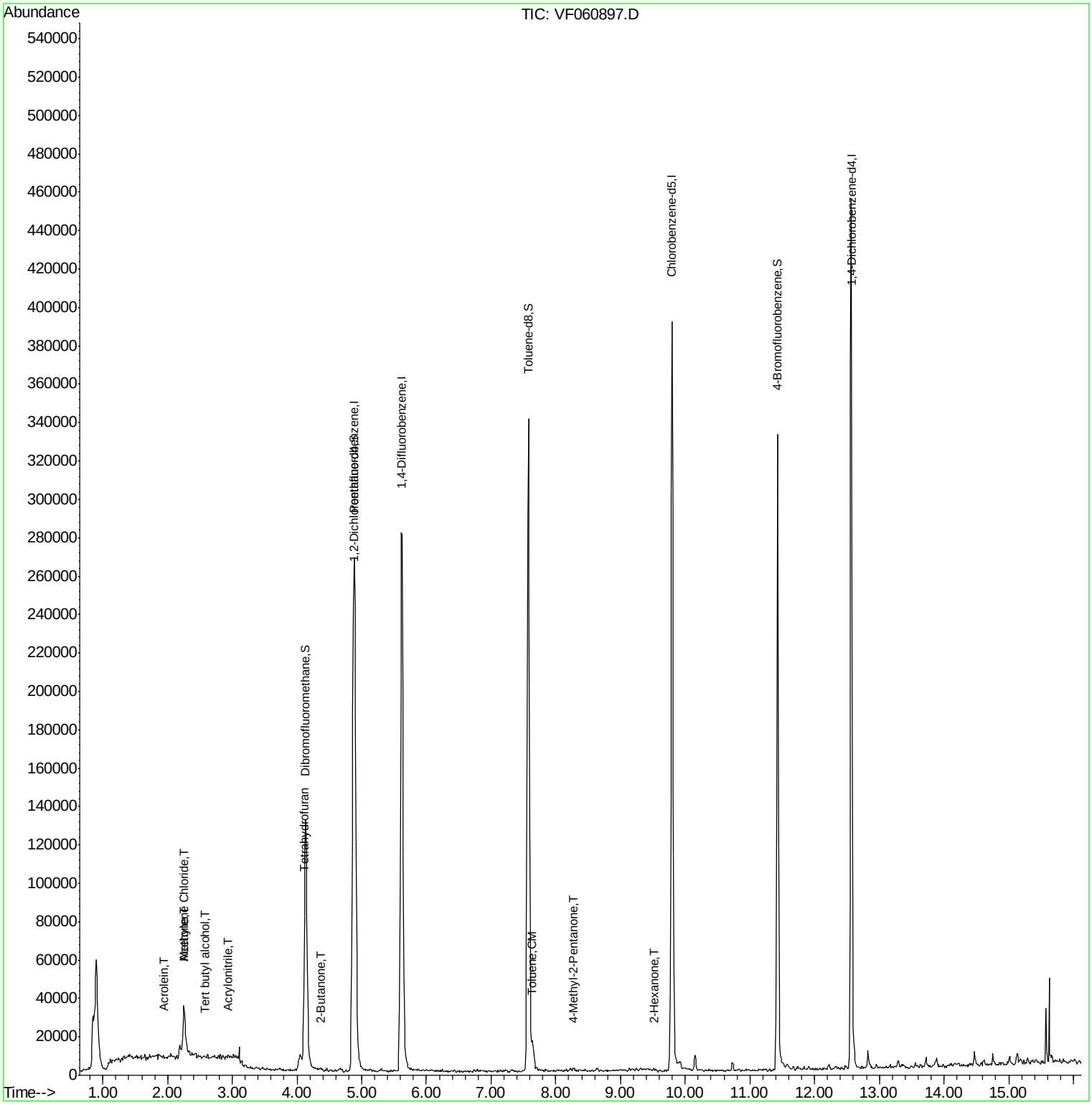
(#) = qualifier out of range (m) = manual integration (+) = signals summed

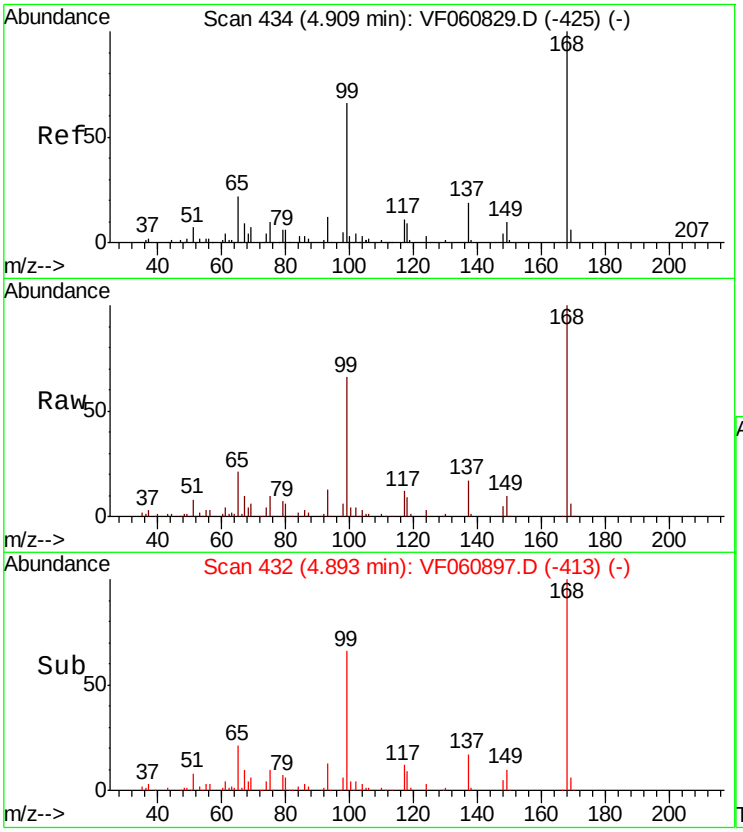
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
Data File : VF060897.D
Acq On : 3 Dec 2018 17:55
Operator : VA/AP
Sample : J5764-29RE
Misc : 6.48g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-113018-E

Quant Time: Dec 04 03:11:35 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



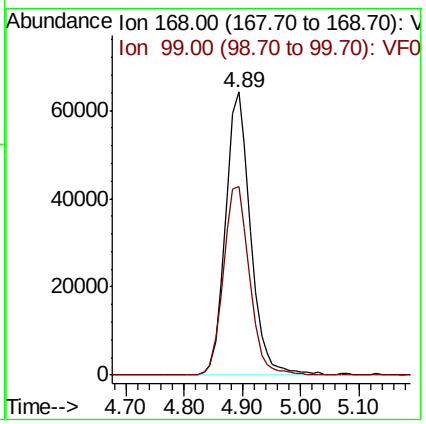


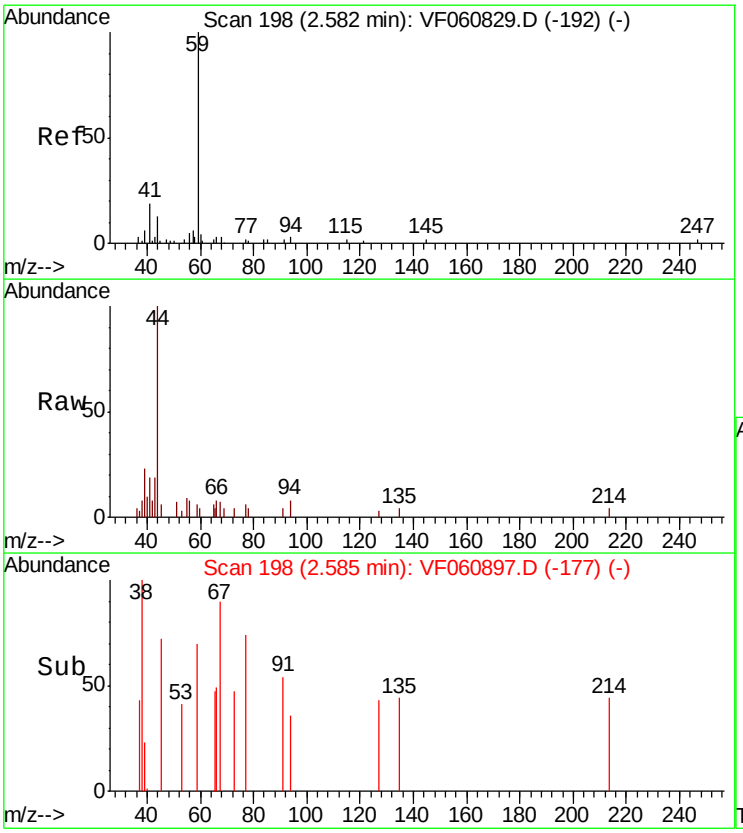
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
JC-02-113018-E

Tgt Ion:168 Resp: 191695

Ion	Ratio	Lower	Upper
168	100		
99	66.5	52.6	79.0

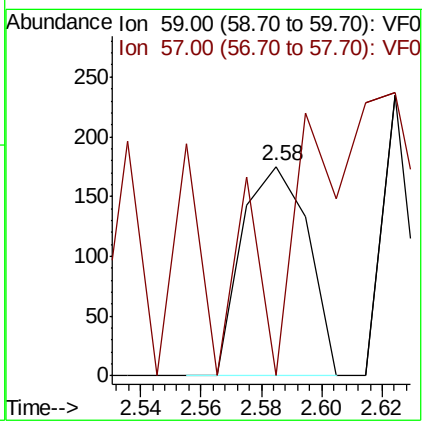


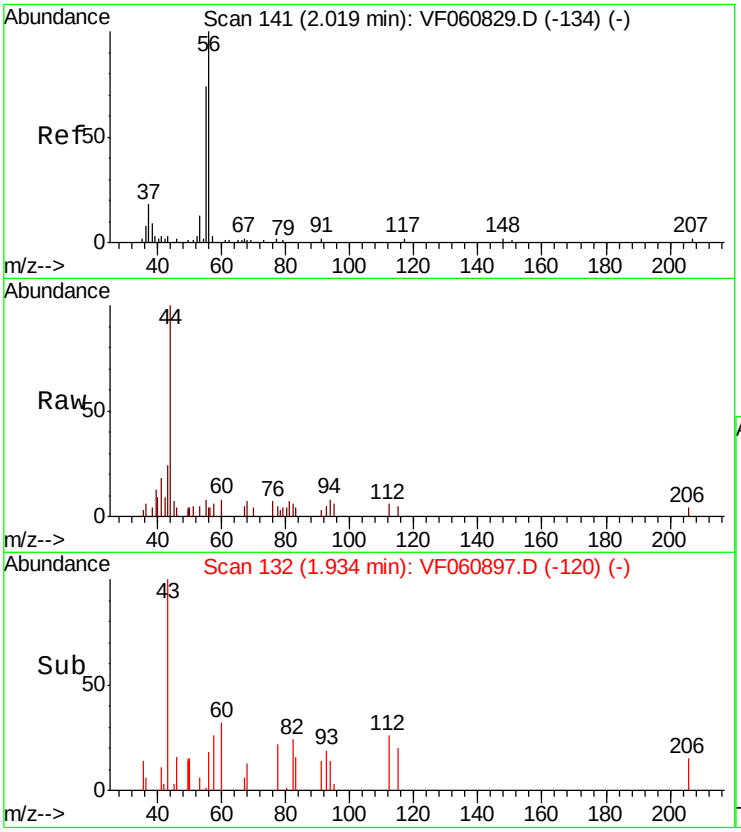


#11
Tert butyl alcohol
Concen: 2.884 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion: 59 Resp: 267

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#



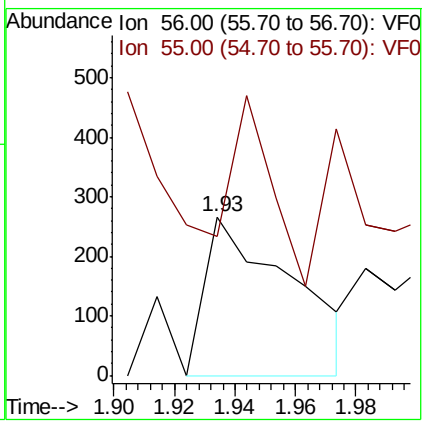


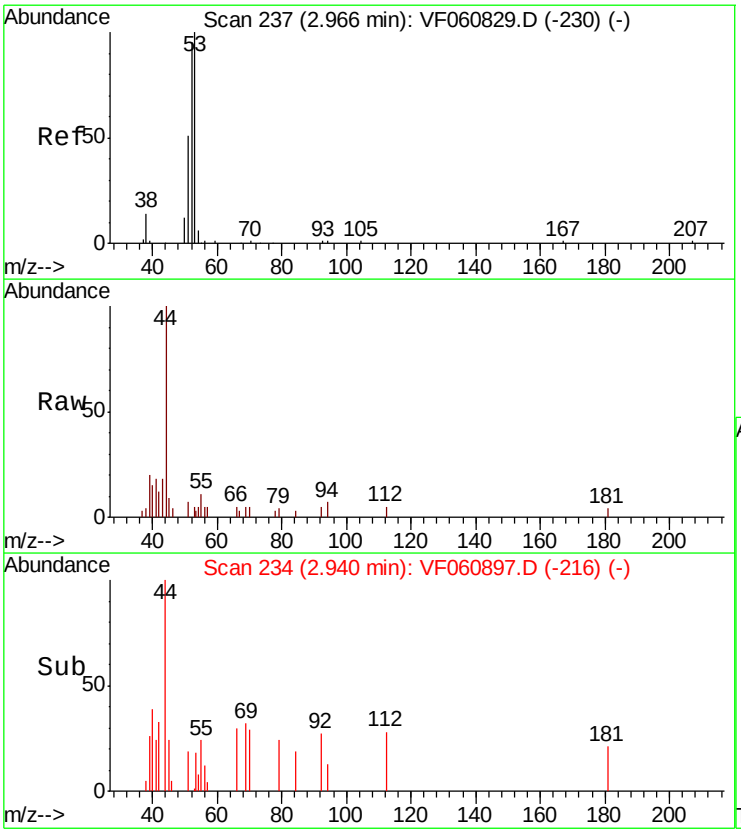
#13
Acrolein
Concen: 6.054 ug/l
RT: 1.93 min Scan# 132
Delta R.T. -0.09 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument : MSVOA_F
ClientSampleId : JC-02-113018-E

Tgt Ion: 56 Resp: 531

Ion	Ratio	Lower	Upper
56	100		
55	88.0	61.2	91.8

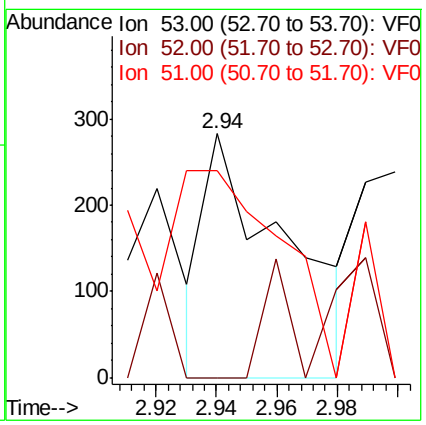


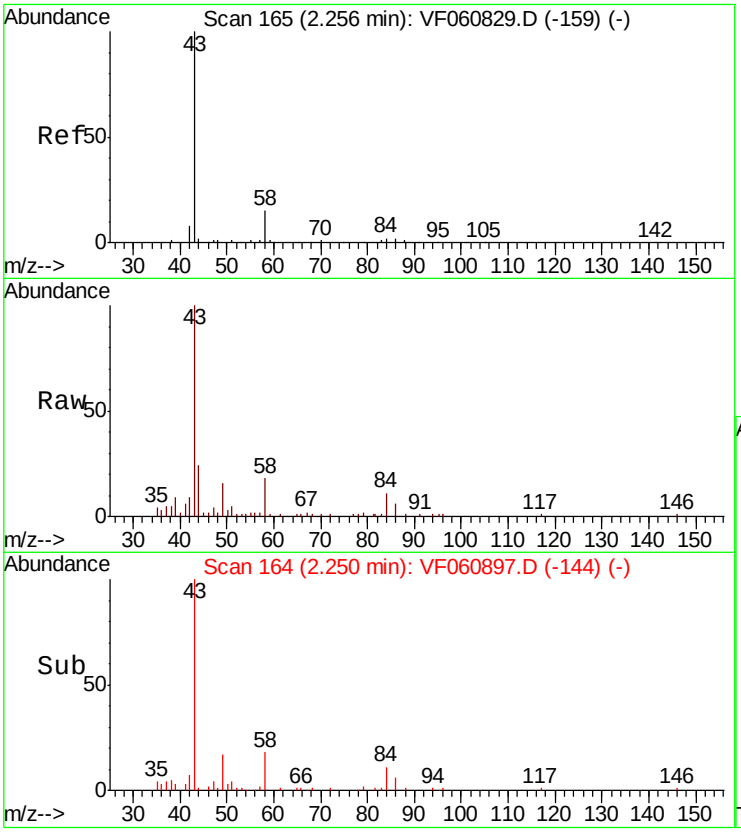


#15
Acrylonitrile
Concen: 2.544 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.03 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion: 53 Resp: 528

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	84.8	40.7	61.1#



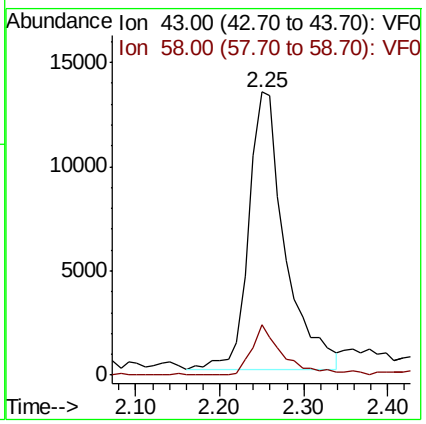


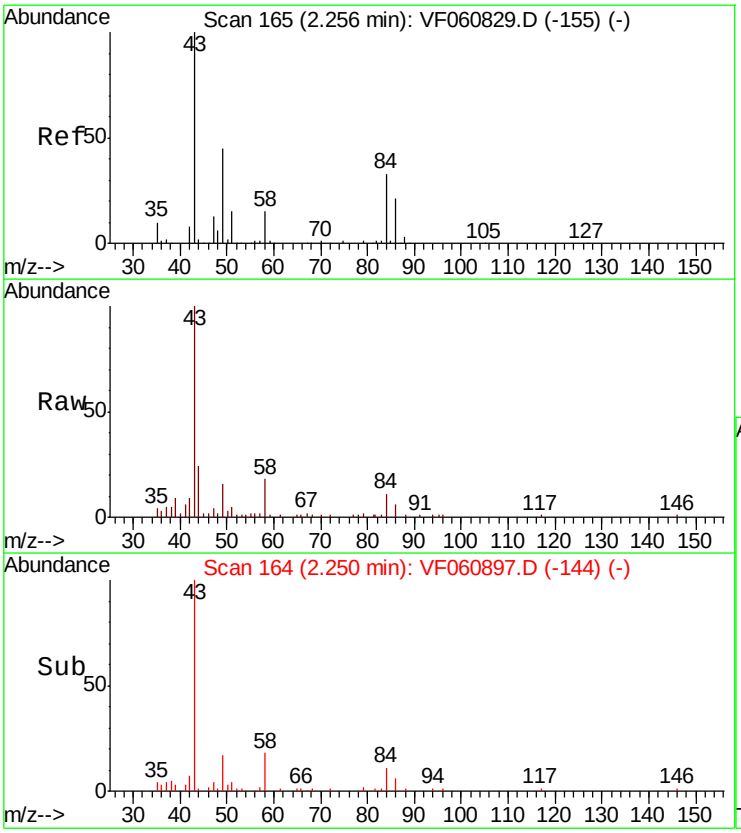
#16
Acetone
Concen: 96.643 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument : MSVOA_F
ClientSampleId : JC-02-113018-E

Tgt Ion: 43 Resp: 40245

Ion	Ratio	Lower	Upper
43	100		
58	17.8	11.4	17.2#

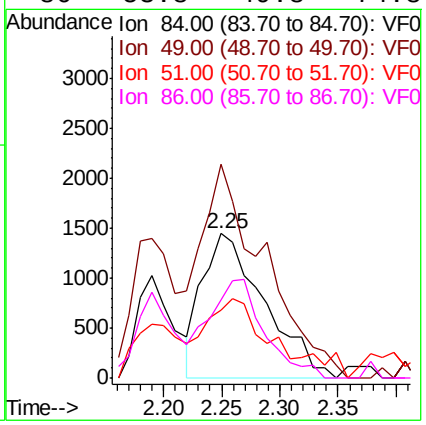


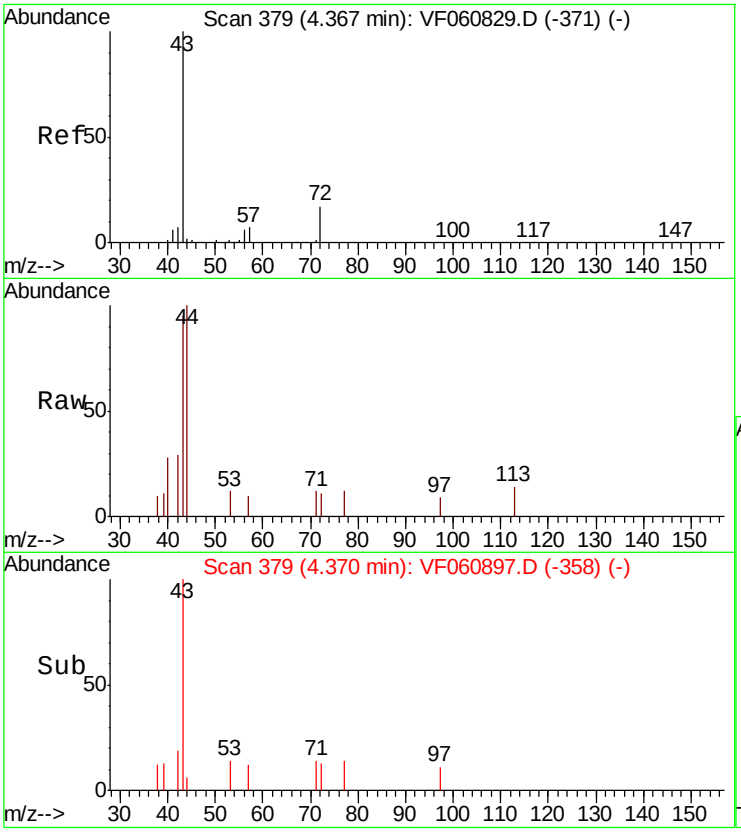


#20
Methylene Chloride
Concen: 3.483 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion: 84 Resp: 5321

Ion	Ratio	Lower	Upper
84	100		
49	148.2	111.3	166.9
51	46.7	38.0	57.0
86	53.8	49.8	74.8



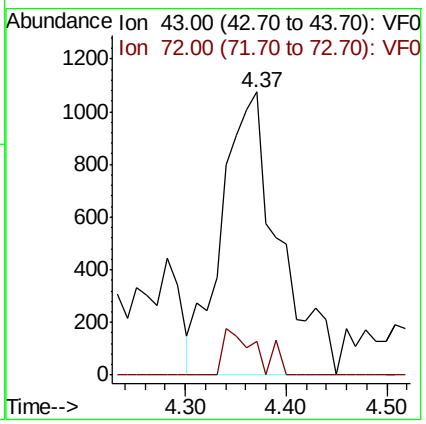


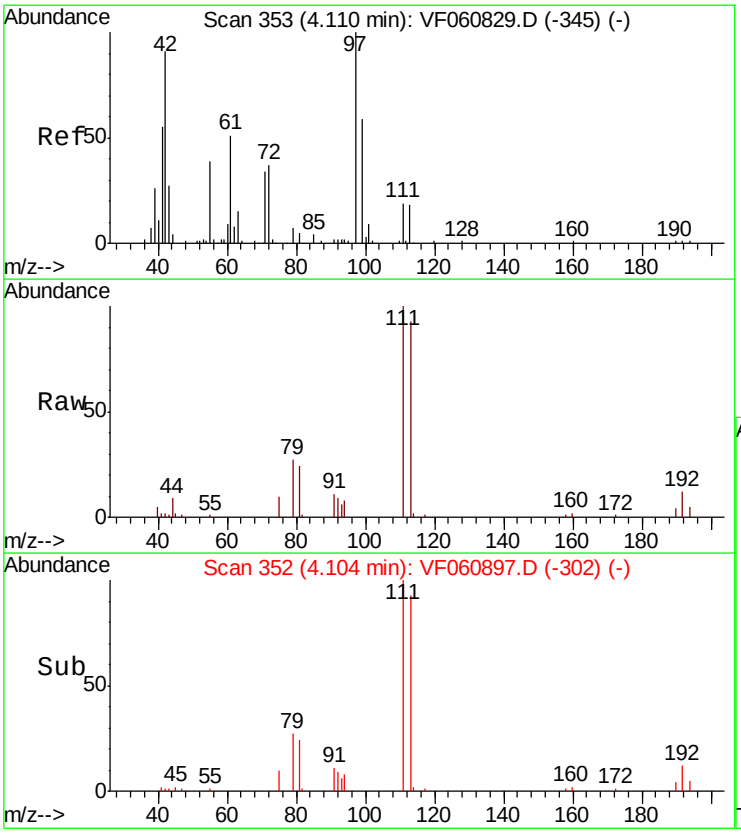
#25
2-Butanone
Concen: 5.880 ug/l
RT: 4.37 min Scan# 379
Delta R.T. 0.00 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument : MSVOA_F
ClientSampleId : JC-02-113018-E

Tgt Ion: 43 Resp: 4235

Ion	Ratio	Lower	Upper
43	100		
72	11.9	15.4	23.2#

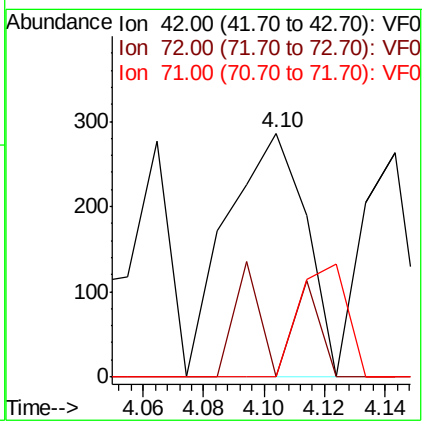


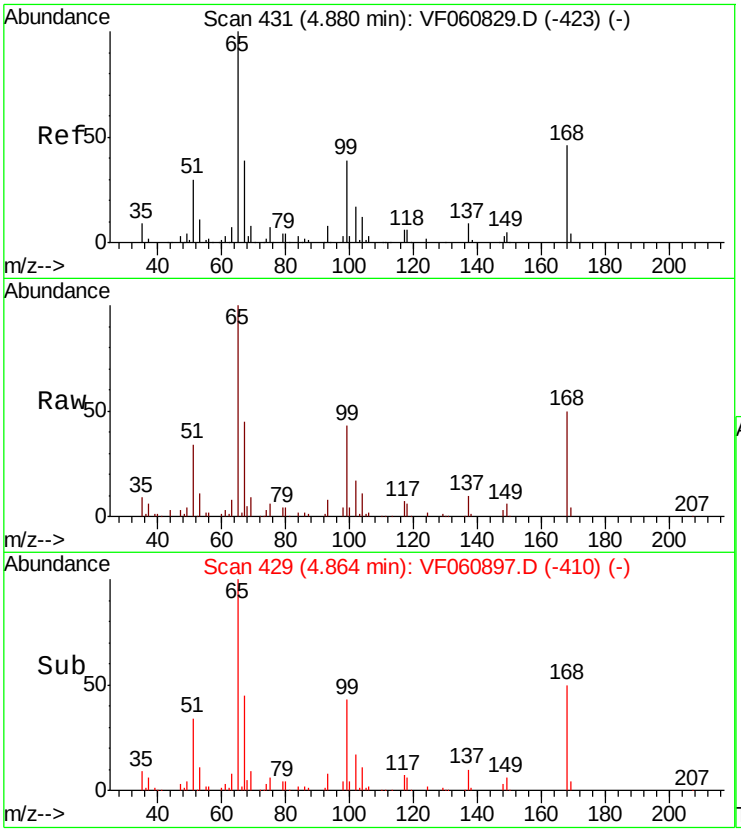


#29
Tetrahydrofuran
Concen: 1.690 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion: 42 Resp: 516

Ion	Ratio	Lower	Upper
42	100		
72	28.5	31.9	47.9#
71	0.0	28.7	43.1#



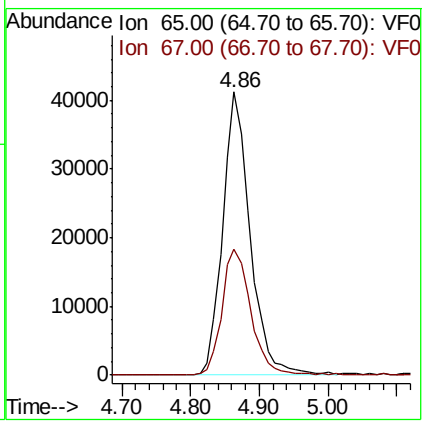


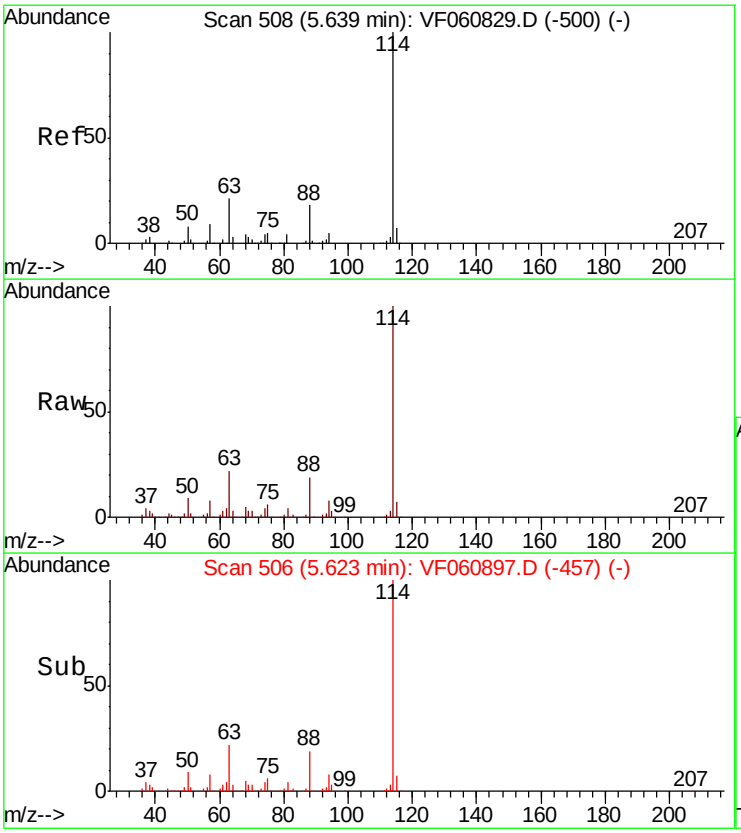
#33
1,2-Dichloroethane-d4
Concen: 50.241 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument : MSVOA_F
ClientSampleId : JC-02-113018-E

Tgt Ion: 65 Resp: 113456

Ion	Ratio	Lower	Upper
65	100		
67	44.6	0.0	96.4

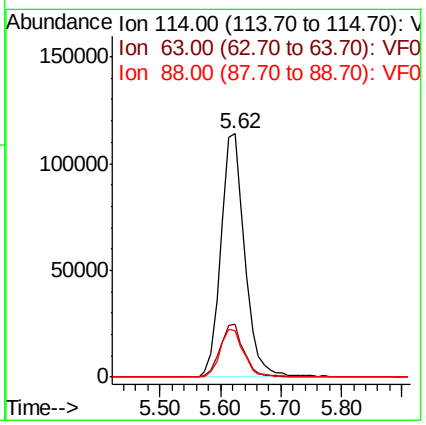


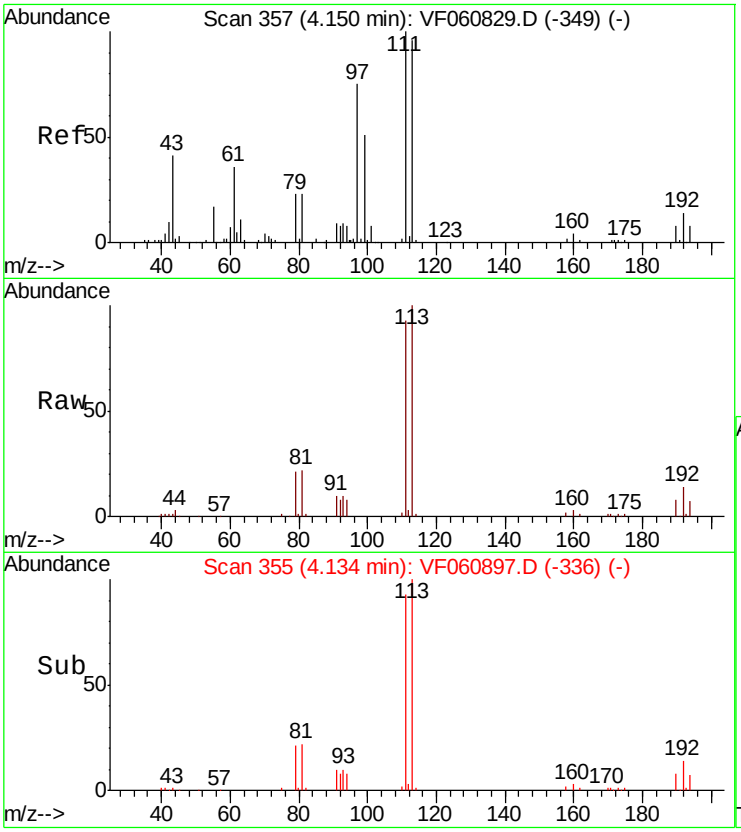


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion:114 Resp: 312532

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.6
88	19.4	0.0	36.6



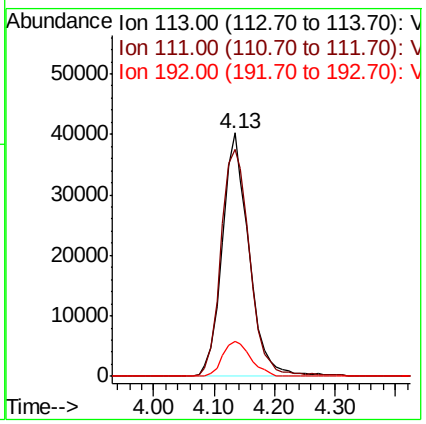


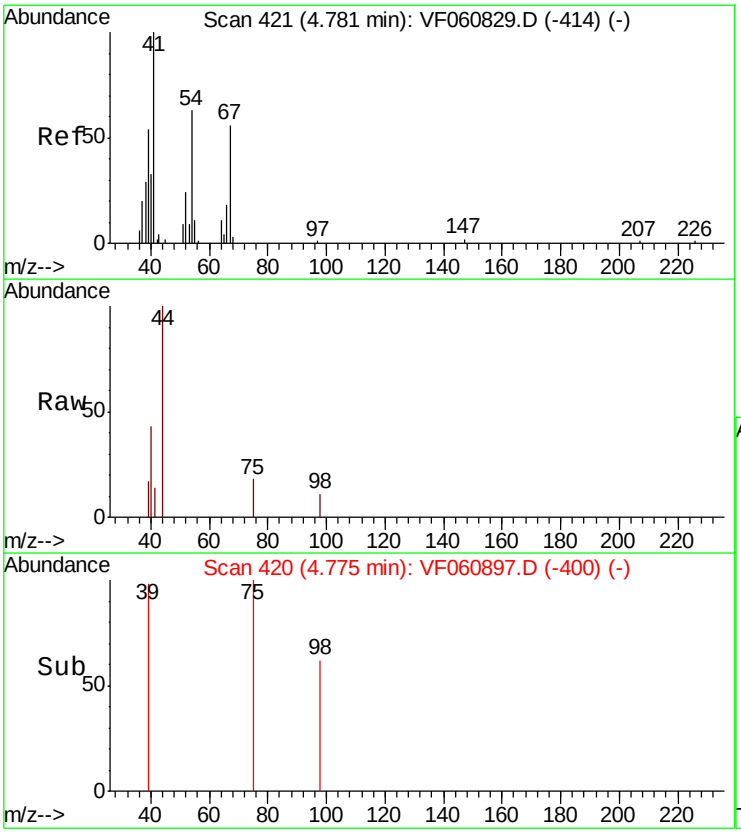
#35
Dibromofluoromethane
Concen: 49.766 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
JC-02-113018-E

Tgt Ion:113 Resp: 123390

Ion	Ratio	Lower	Upper
113	100		
111	93.4	83.0	124.6
192	14.4	12.3	18.5

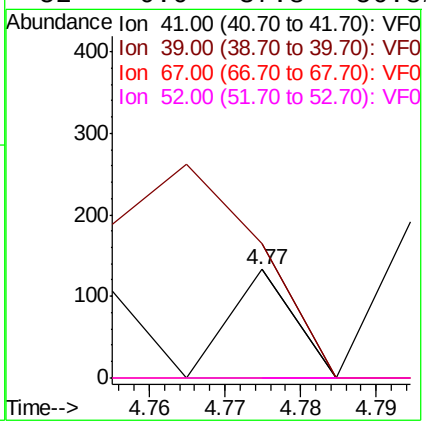


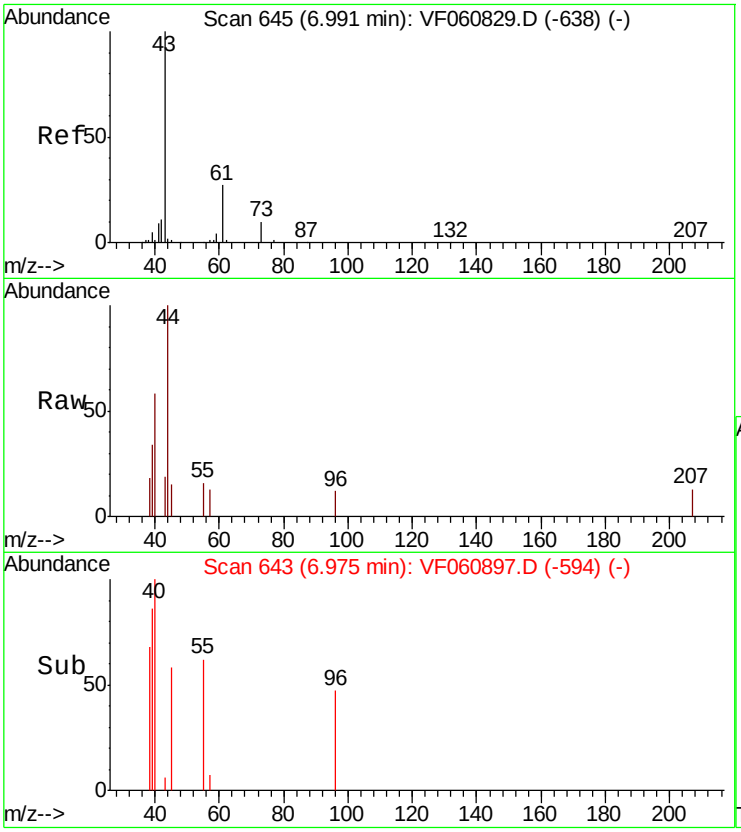


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.77 min Scan# 420
Delta R.T. -0.01 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion: 41 Resp: 79

Ion	Ratio	Lower	Upper
41	100		
39	123.3	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



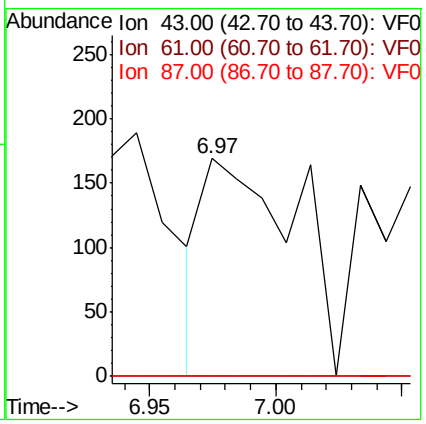


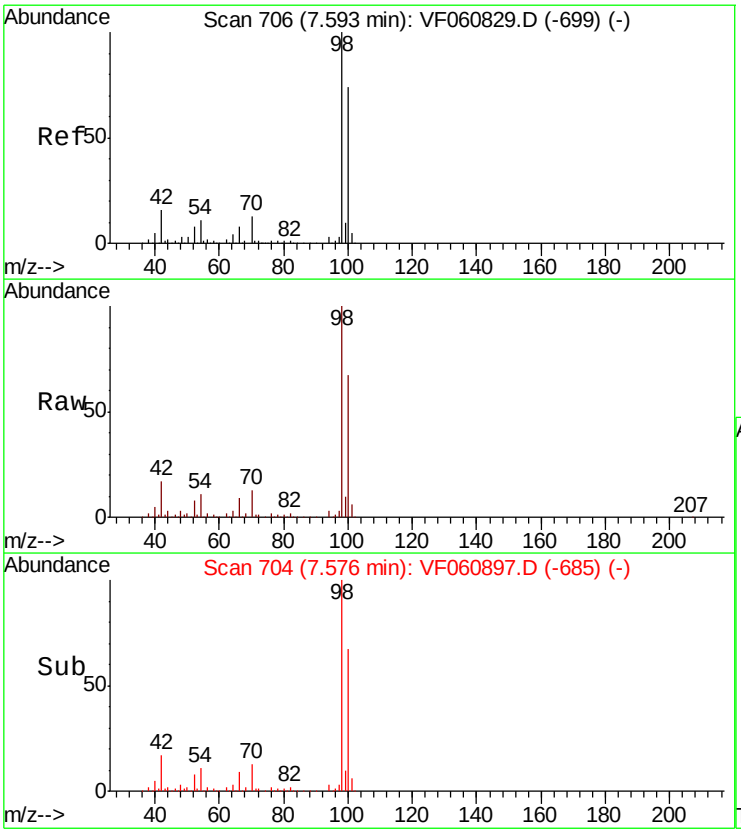
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.97 min Scan# 643
Delta R.T. -0.02 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument : MSVOA_F
ClientSampleId : JC-02-113018-E

Tgt Ion: 43 Resp: 431

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

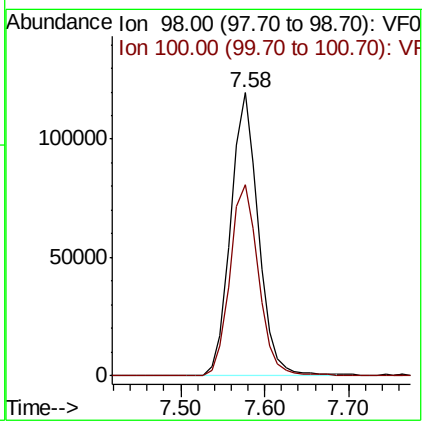


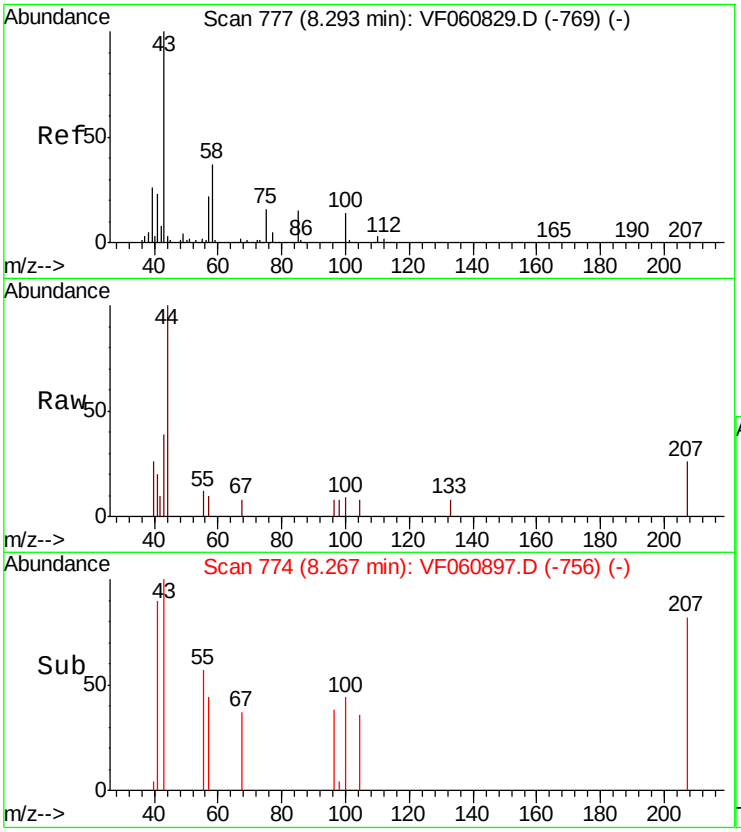


#50
Toluene-d8
Concen: 37.514 ug/l
RT: 7.58 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion: 98 Resp: 273988

Ion	Ratio	Lower	Upper
98	100		
100	67.4	59.3	88.9



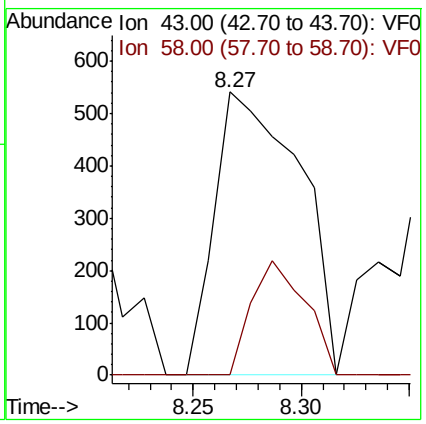


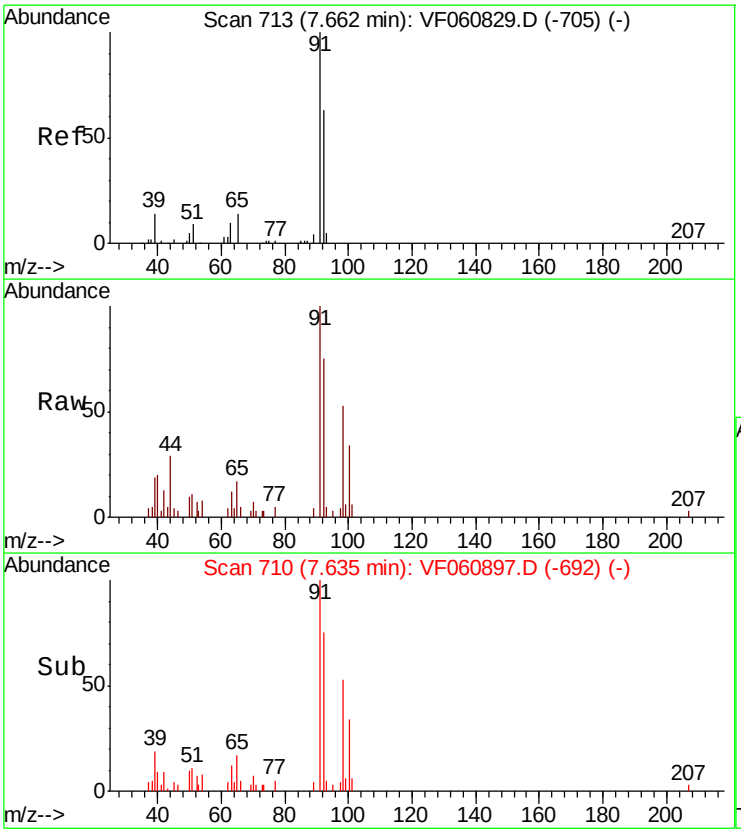
#51
4-Methyl-2-Pentanone
Concen: 1.139 ug/l
RT: 8.27 min Scan# 774
Delta R.T. -0.03 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument : MSVOA_F
ClientSampleId : JC-02-113018-E

Tgt Ion: 43 Resp: 1480

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#

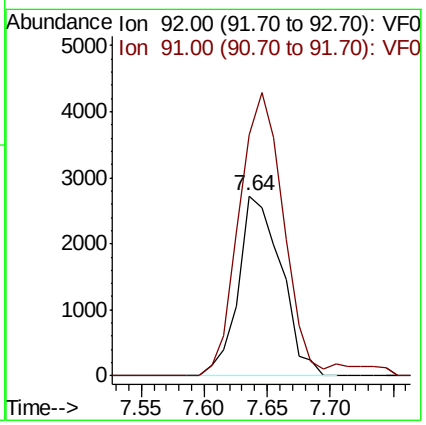


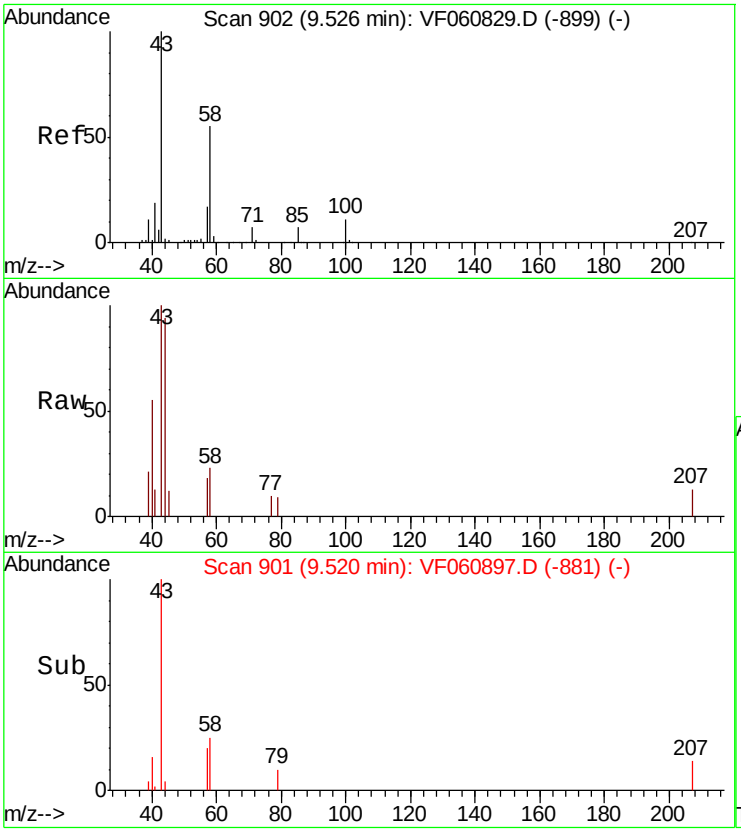


#52
Toluene
Concen: 1.192 ug/l
RT: 7.64 min Scan# 710
Delta R.T. -0.03 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion: 92 Resp: 6410

Ion	Ratio	Lower	Upper
92	100		
91	133.8	126.2	189.2



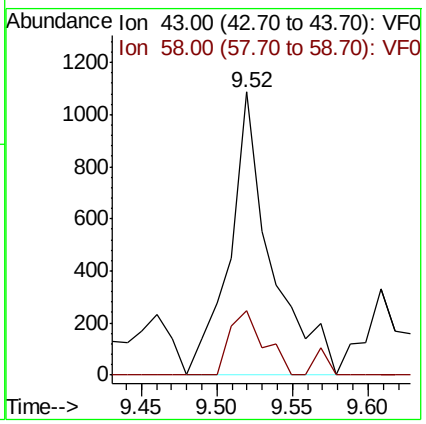


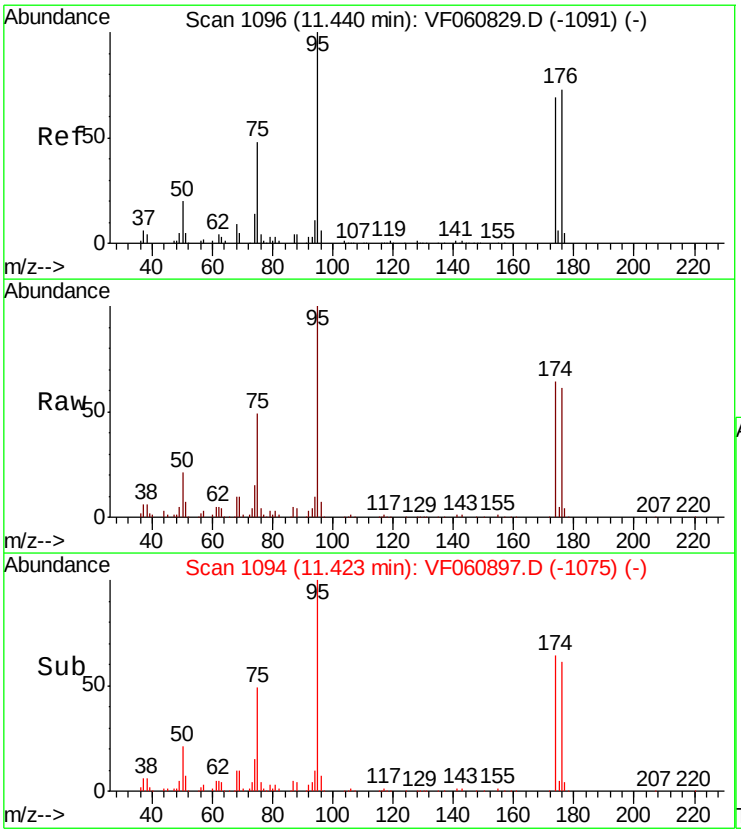
#59
2-Hexanone
Concen: 2.240 ug/l
RT: 9.52 min Scan# 901
Delta R.T. -0.01 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
JC-02-113018-E

Tgt Ion: 43 Resp: 2041

Ion	Ratio	Lower	Upper
43	100		
58	22.5	25.6	76.6#

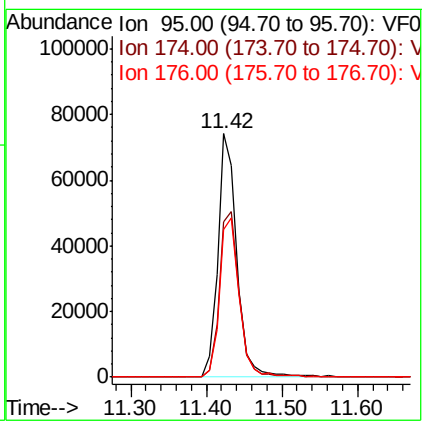


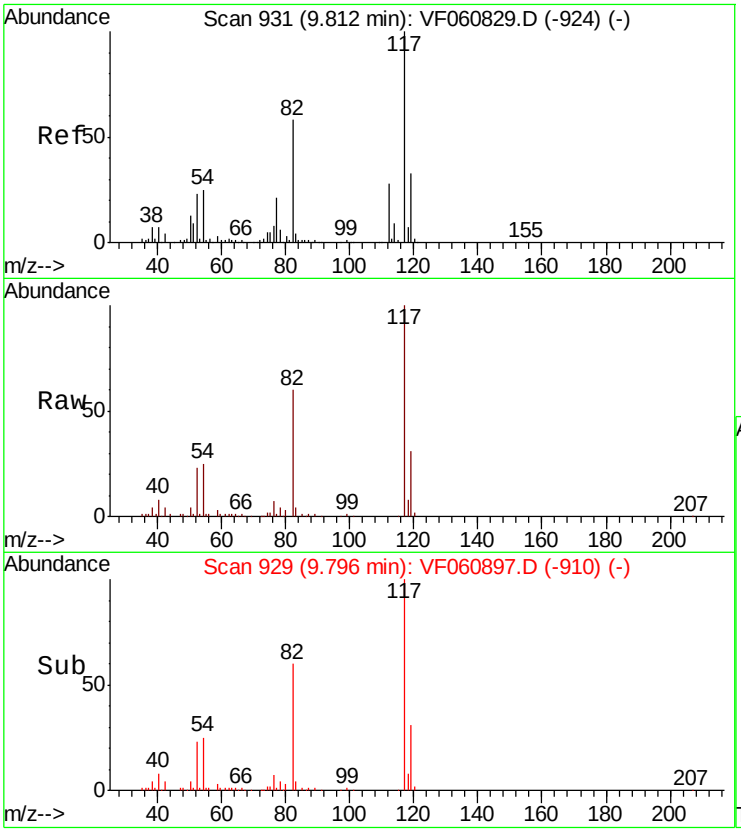


#62
4-Bromofluorobenzene
Concen: 39.318 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion: 95 Resp: 130511

Ion	Ratio	Lower	Upper
95	100		
174	63.9	0.0	138.2
176	60.7	0.0	146.2



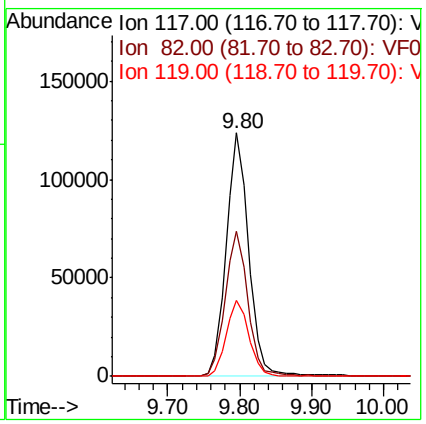


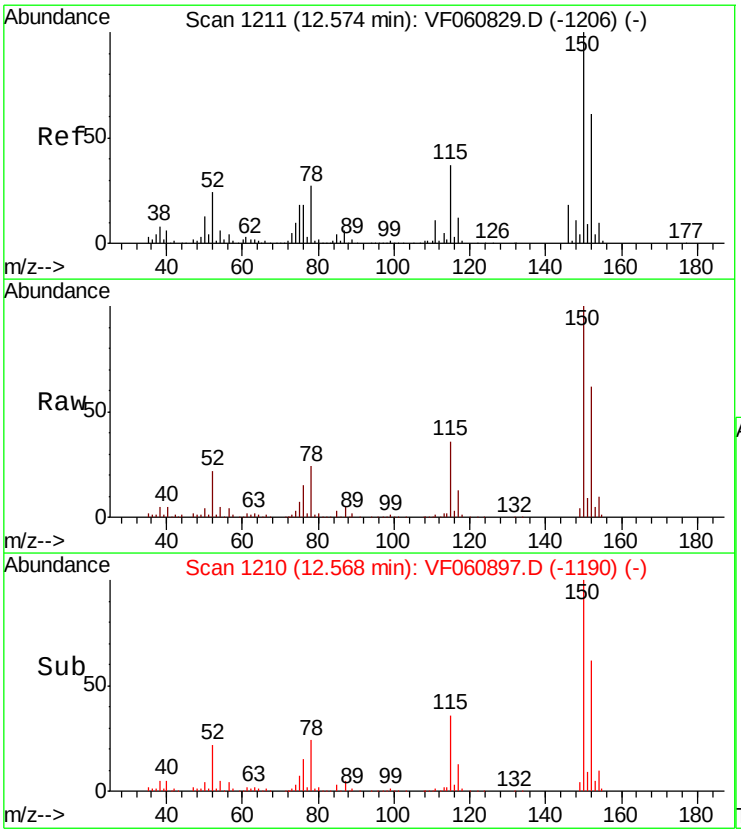
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument : MSVOA_F
ClientSampleId : JC-02-113018-E

Tgt Ion:117 Resp: 268652

Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.6	69.8
119	31.3	26.4	39.6

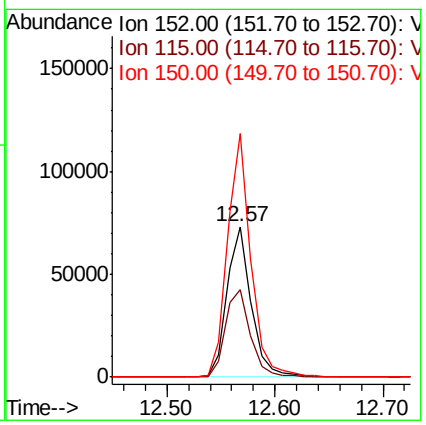


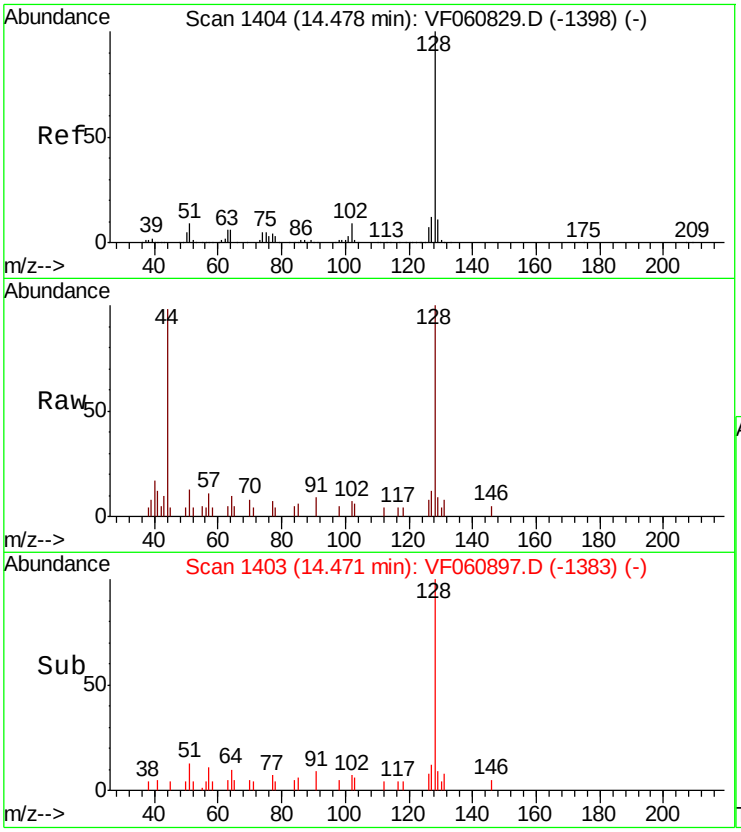


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion:152 Resp: 114447

Ion	Ratio	Lower	Upper
152	100		
115	58.2	30.1	90.5
150	161.7	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.47 min Scan# 1403
Delta R.T. -0.01 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
JC-02-113018-E

Tgt Ion:128 Resp: 4149

Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.9	14.9
129	8.5	9.1	13.7#