Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111918\
Data File : VF060781.D
Acq On : 19 Nov 2018 17:04
Operator : VA/AP
Sample : VF1119SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1119SBL01

Quant Time: Nov 20 02:17:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	166190	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	279535	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	280394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	171057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	92902	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.02%			
35) Dibromofluoromethane	4.12	113	108184	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.98%			
50) Toluene-d8	7.56	98	268588	49.80	ug/l	-0.01
Spiked Amount 50.000			Recovery = 99.60%			
62) 4-Bromofluorobenzene	11.41	95	143148	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.46%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	170	1.971	ug/l #	1
13) Acrolein	1.99	56	511	6.478	ug/l	87
15) Acrylonitrile	2.92	53	475	2.584	ug/l #	32
16) Acetone	2.24	43	2323	5.733	ug/l #	82
18) Methyl Acetate	2.38	43	4422	6.647	ug/l #	88
20) Methylene Chloride	2.18	84	2560	Below Cal #		87
25) 2-Butanone	4.36	43	1409	2.114	ug/l #	56
29) Tetrahydrofuran	4.09	42	538	1.957	ug/l #	36
41) Methacrylonitrile	4.76	41	63	Below Cal #		26
51) 4-Methyl-2-Pentanone	8.27	43	3099	2.681	ug/l	97
59) 2-Hexanone	9.50	43	3499	4.308	ug/l #	63

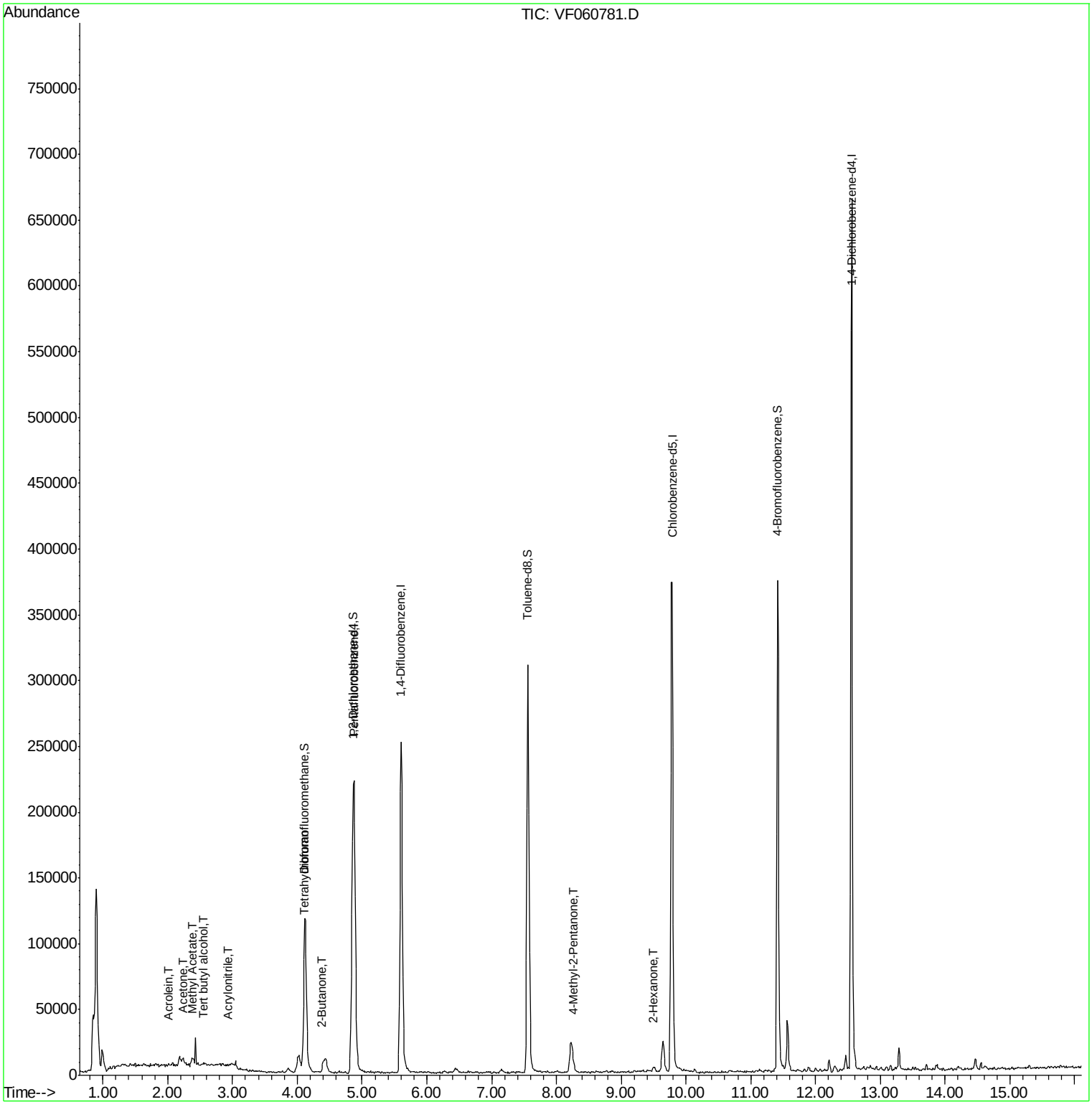
(#) = qualifier out of range (m) = manual integration (+) = signals summed

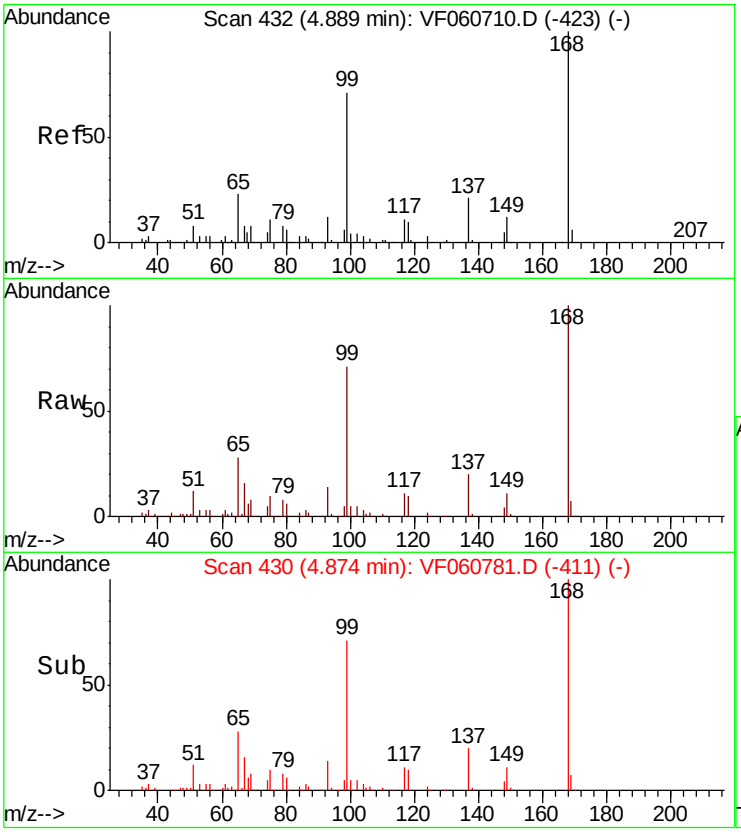
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060781.D
Acq On : 19 Nov 2018 17:04
Operator : VA/AP
Sample : VF1119SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1119SBL01

Quant Time: Nov 20 02:17:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration



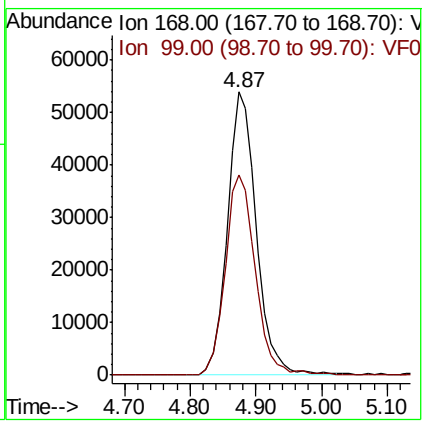


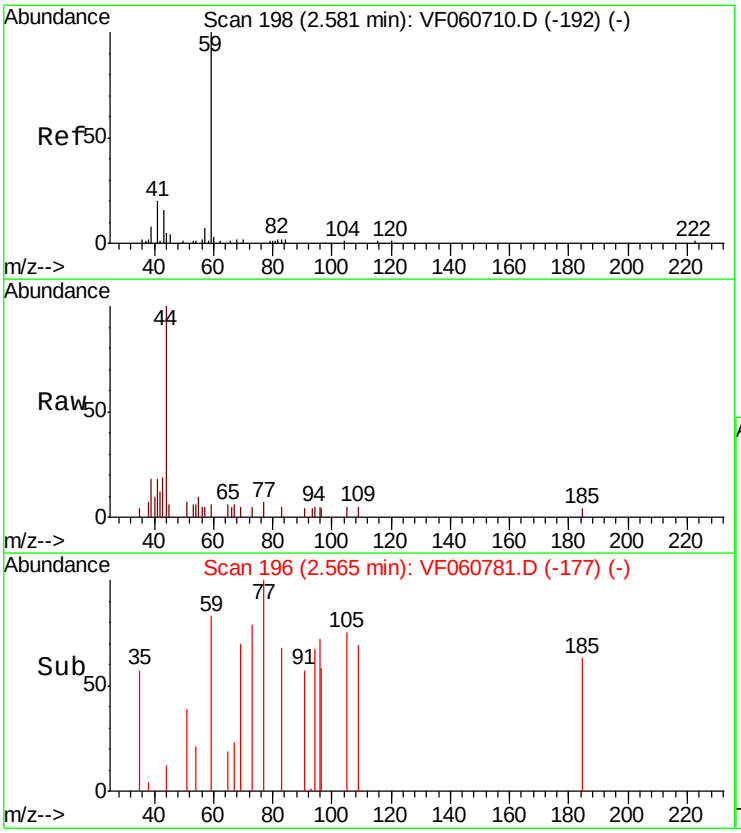
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.02 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Instrument :
MSVOA_F
ClientSampleId :
VF1119SBL01

Tgt Ion:168 Resp: 166190

Ion	Ratio	Lower	Upper
168	100		
99	70.9	57.2	85.8

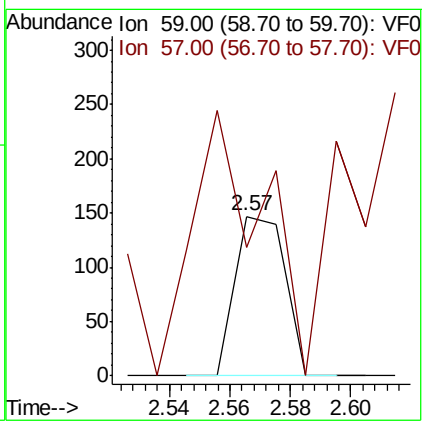


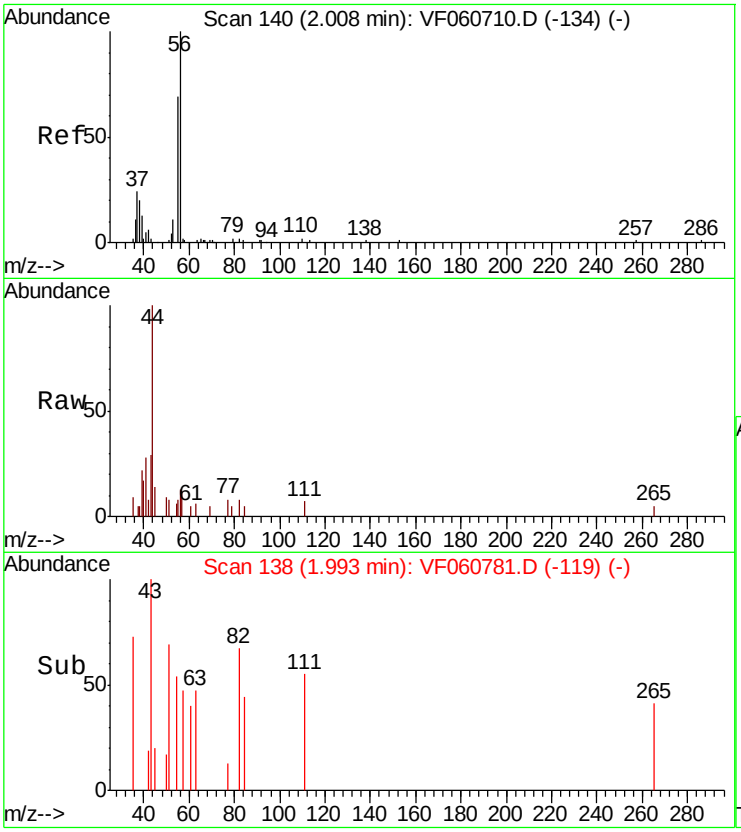


#11
Tert butyl alcohol
Concen: 1.971 ug/l
RT: 2.57 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Tgt Ion: 59 Resp: 170

Ion	Ratio	Lower	Upper
59	100		
57	80.3	10.5	15.7#



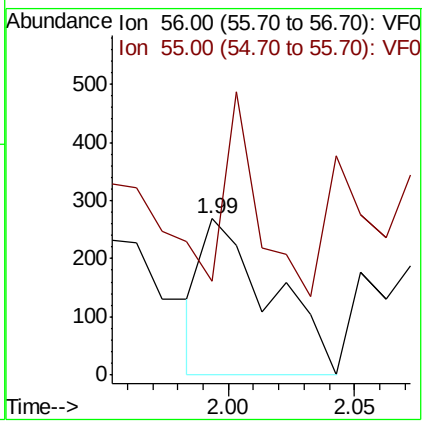


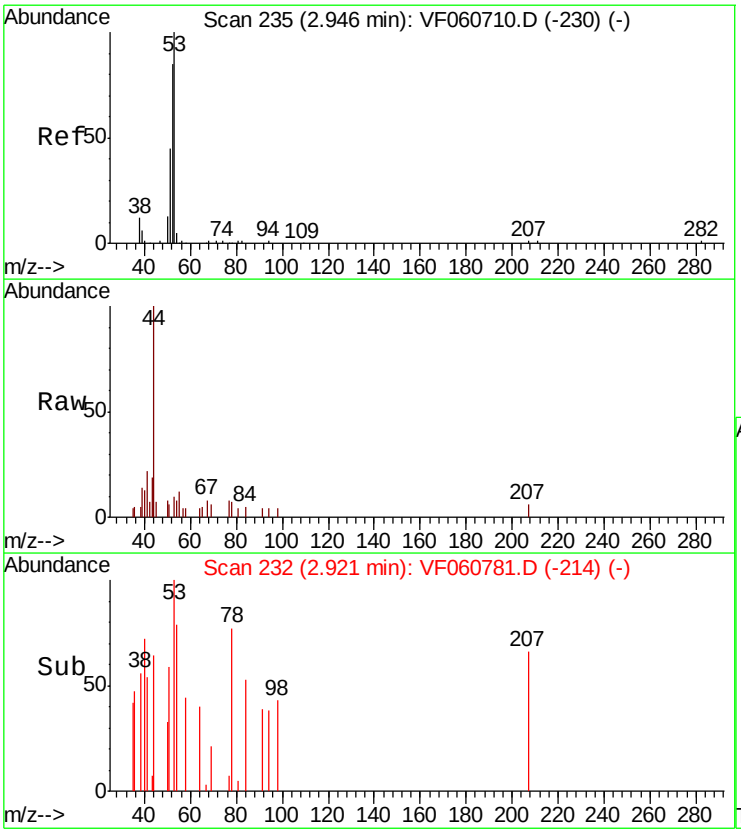
#13
Acrolein
Concen: 6.478 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.02 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Instrument : MSVOA_F
ClientSampleId : VF1119SBL01

Tgt Ion: 56 Resp: 511

Ion	Ratio	Lower	Upper
56	100		
55	60.2	56.6	85.0

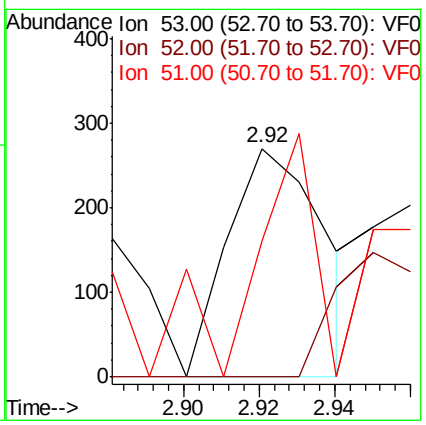


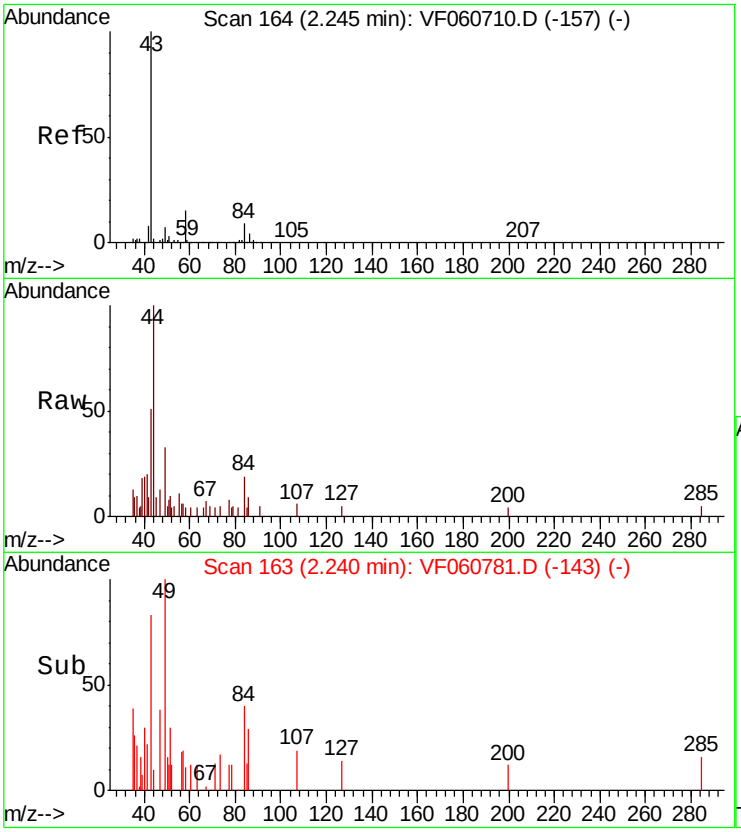


#15
Acrylonitrile
Concen: 2.584 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.02 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Tgt Ion: 53 Resp: 475

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.8	103.2#
51	59.3	36.7	55.1#



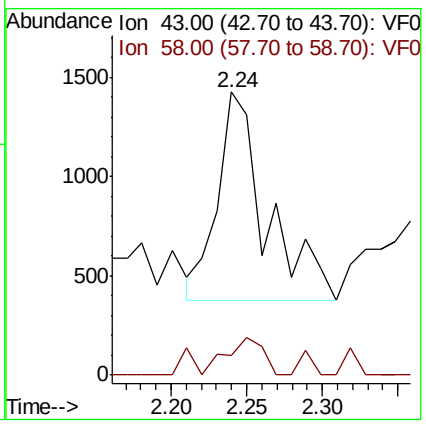


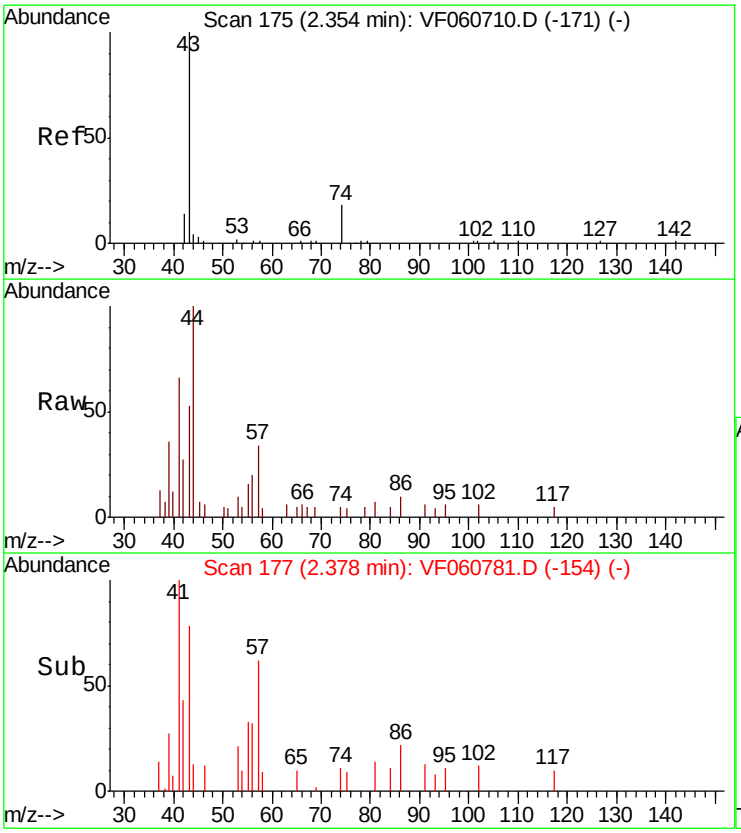
#16
Acetone
Concen: 5.733 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Instrument :
MSVOA_F
ClientSampleId :
VF1119SBL01

Tgt Ion: 43 Resp: 2323

Ion	Ratio	Lower	Upper
43	100		
58	7.1	11.6	17.4#

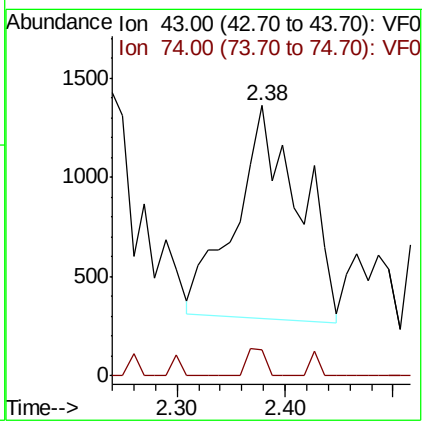


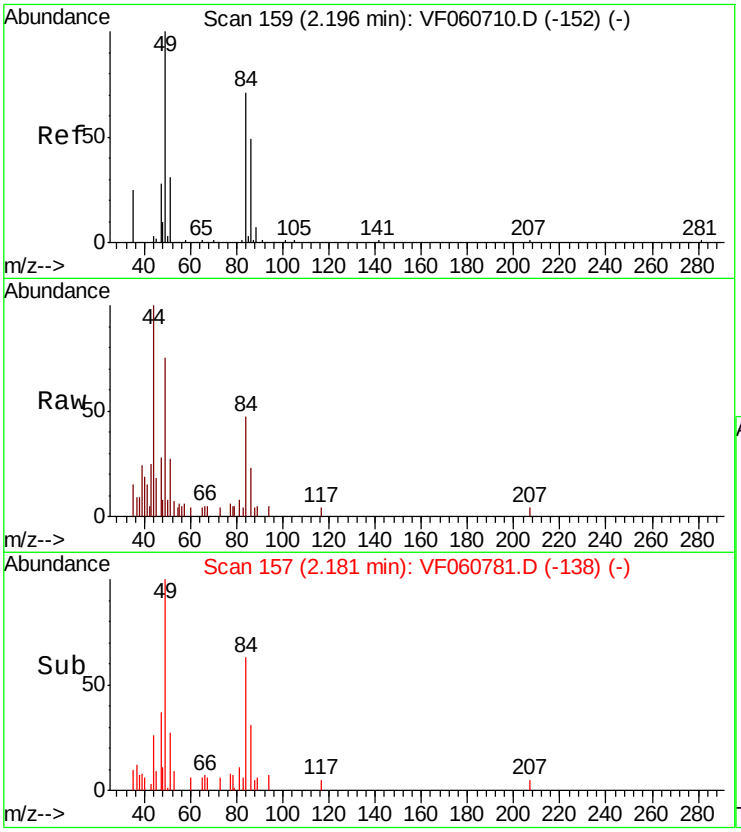


#18
Methyl Acetate
Concen: 6.647 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.02 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Tgt Ion: 43 Resp: 4422

Ion	Ratio	Lower	Upper
43	100		
74	9.8	11.8	17.8#



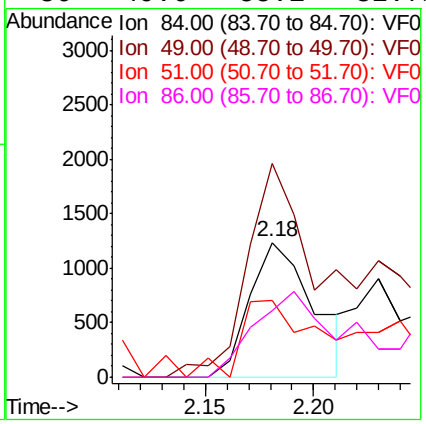


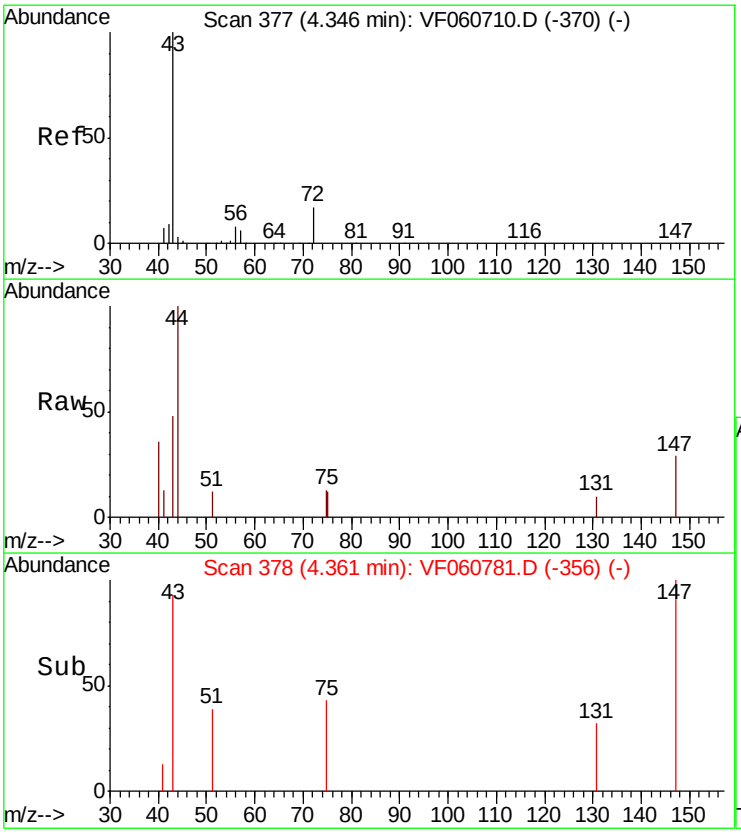
#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Instrument : MSVOA_F
ClientSampleId : VF1119SBL01

Tgt Ion: 84 Resp: 2560

Ion	Ratio	Lower	Upper
84	100		
49	158.8	120.2	180.4
51	57.1	37.2	55.8#
86	49.6	55.1	82.7#

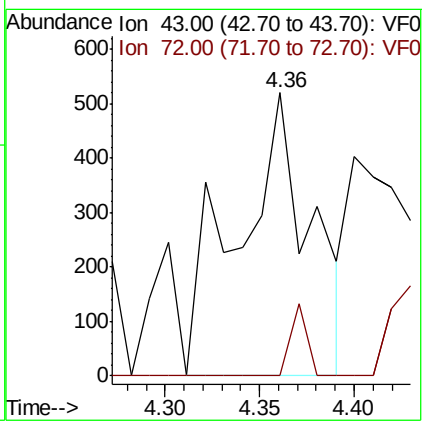


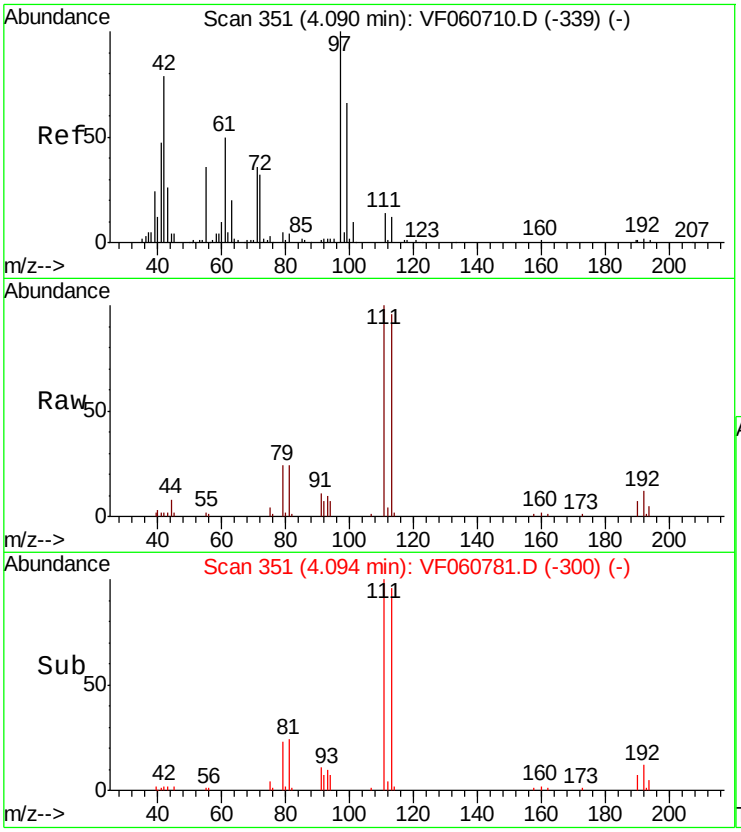


#25
2-Butanone
Concen: 2.114 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.01 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Tgt Ion: 43 Resp: 1409

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#



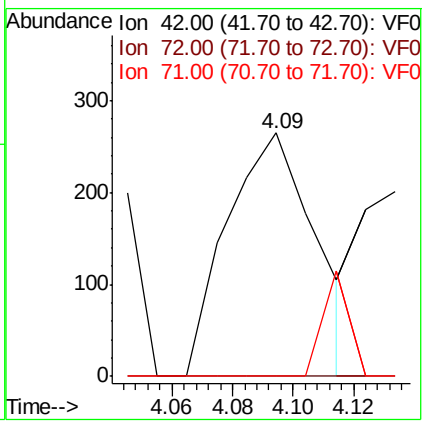


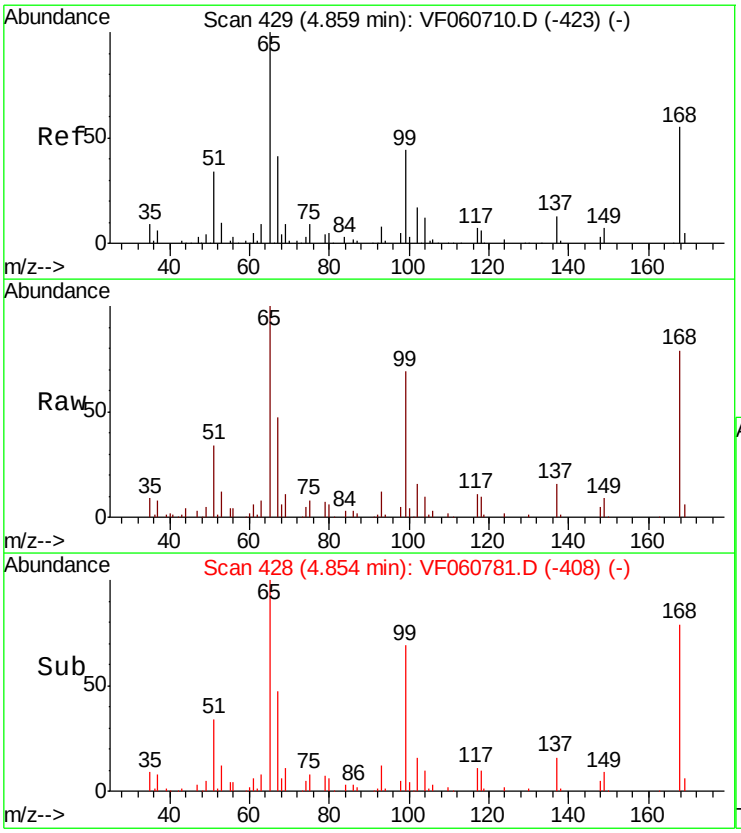
#29
Tetrahydrofuran
Concen: 1.957 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.00 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Instrument :
MSVOA_F
ClientSampleId :
VF1119SBL01

Tgt Ion: 42 Resp: 538

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	32.2	48.2#

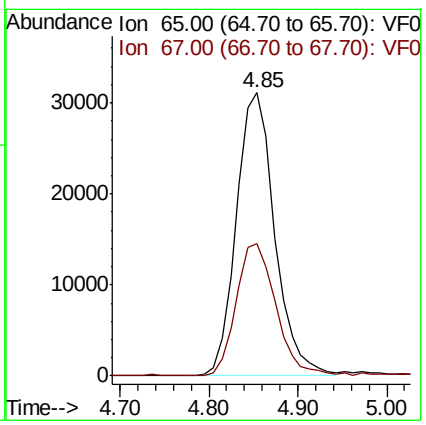


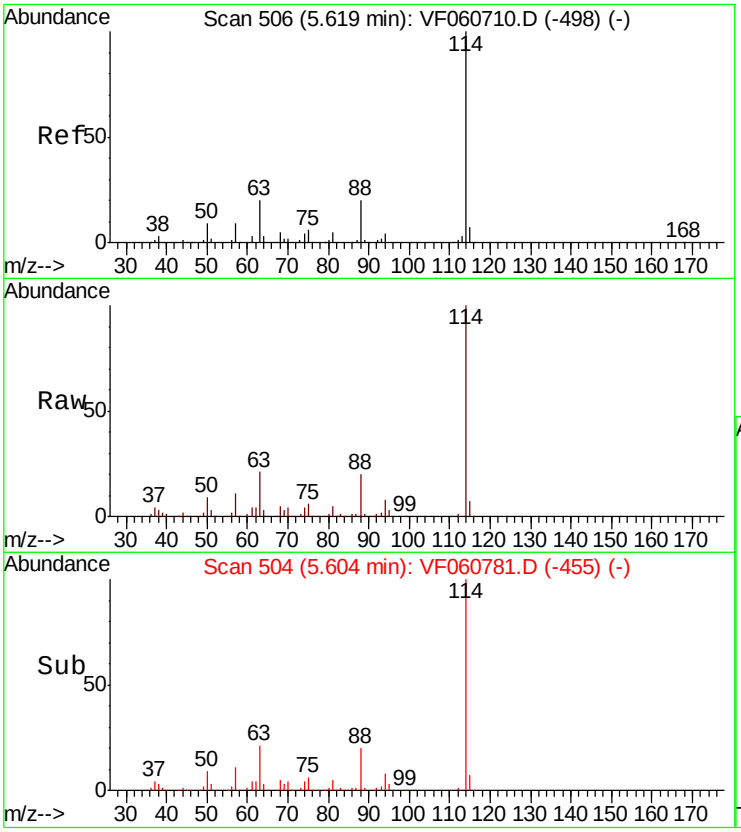


#33
1,2-Dichloroethane-d4
Concen: 49.010 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Tgt Ion: 65 Resp: 92902

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	90.2



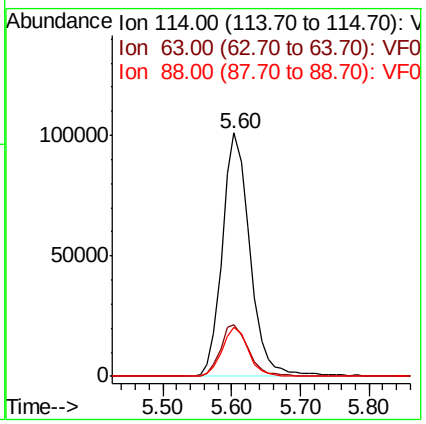


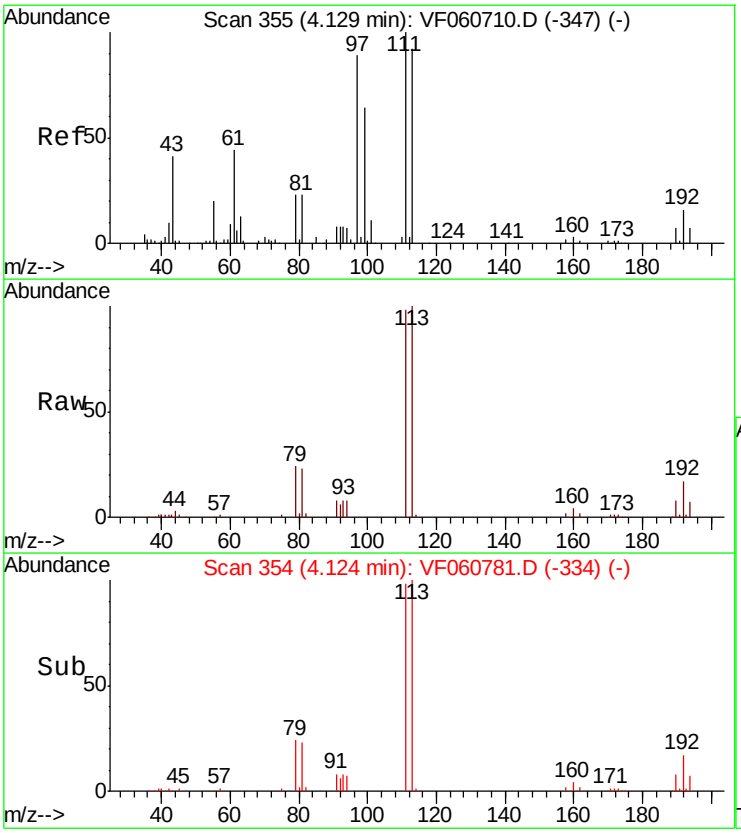
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.02 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Instrument :
MSVOA_F
ClientSampleId :
VF1119SBL01

Tgt Ion:114 Resp: 279535

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.8
88	20.1	0.0	39.6

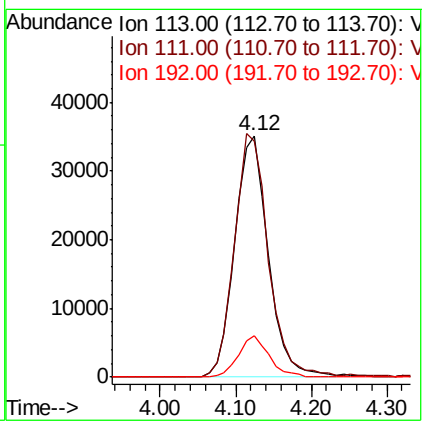


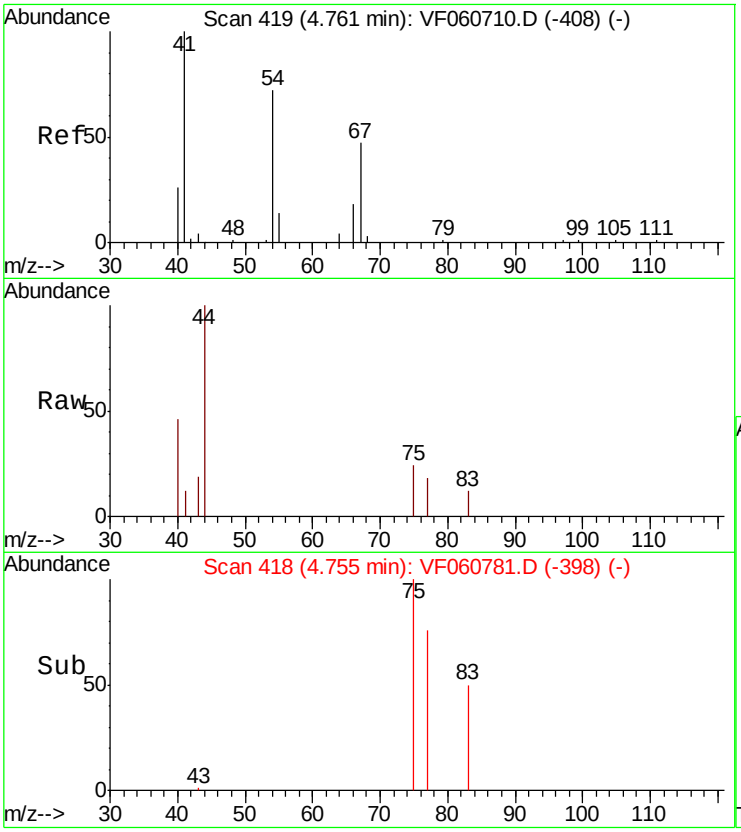


#35
Dibromofluoromethane
Concen: 51.486 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Tgt Ion:113 Resp: 108184

Ion	Ratio	Lower	Upper
113	100		
111	97.7	87.1	130.7
192	17.3	13.8	20.6



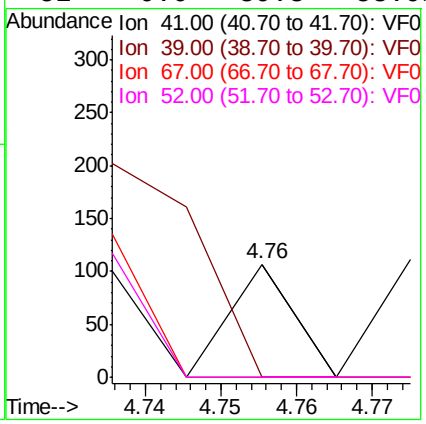


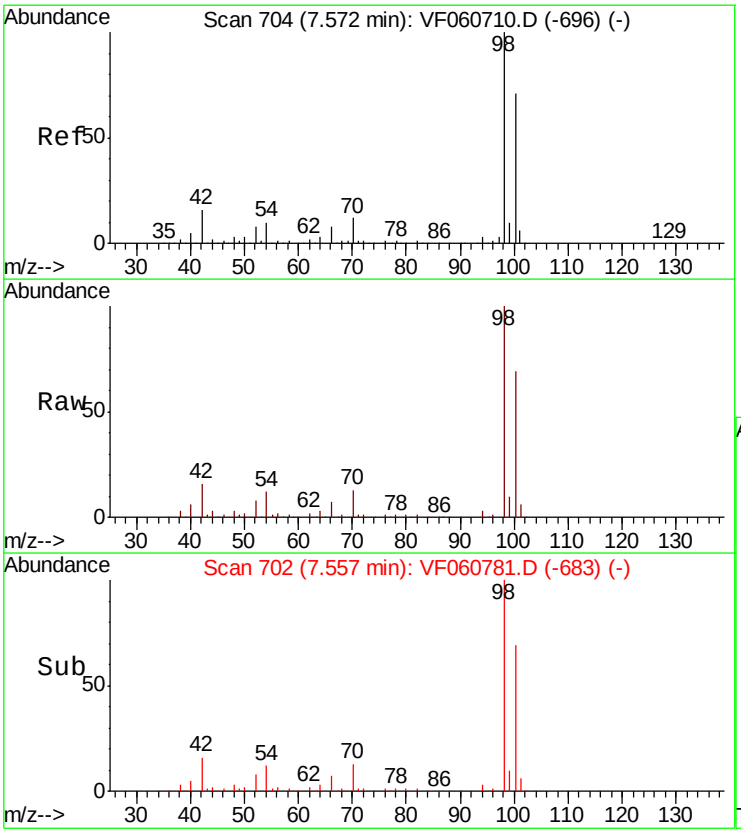
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.76 min Scan# 418
Delta R.T. -0.00 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Instrument : MSVOA_F
ClientSampleId : VF1119SBL01

Tgt Ion: 41 Resp: 63

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.1	70.7#
67	0.0	37.1	55.7#
52	0.0	39.3	58.9#

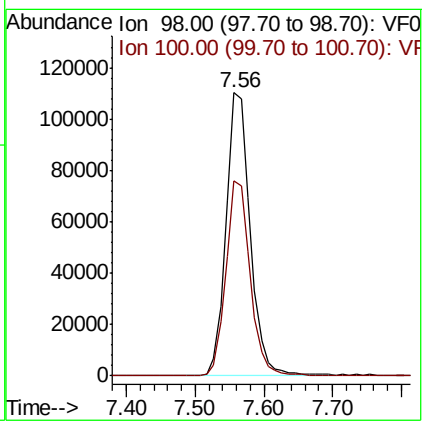


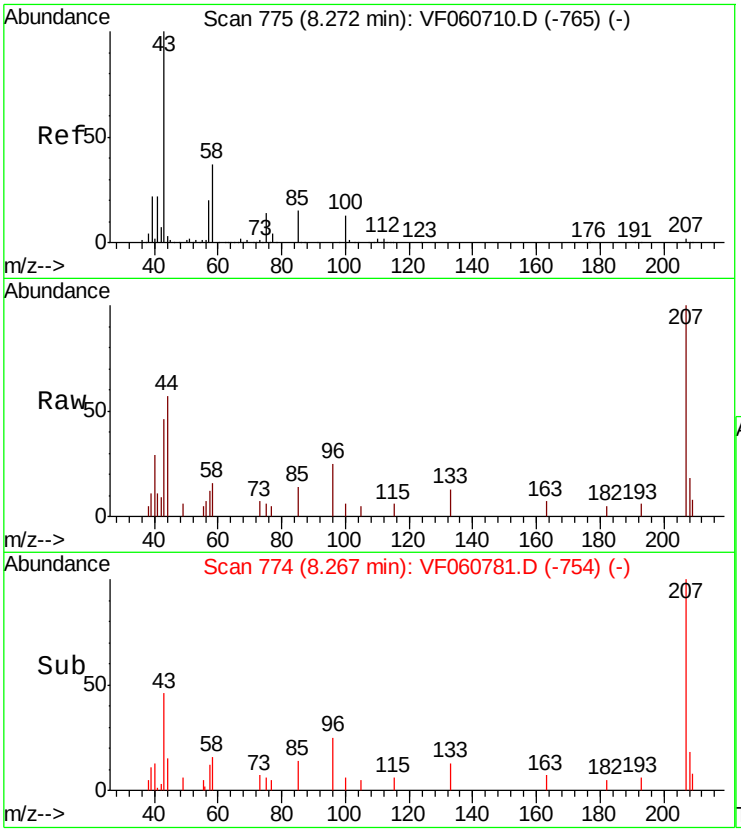


#50
Toluene-d8
Concen: 49.797 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Tgt Ion: 98 Resp: 268588

Ion	Ratio	Lower	Upper
98	100		
100	68.9	56.5	84.7



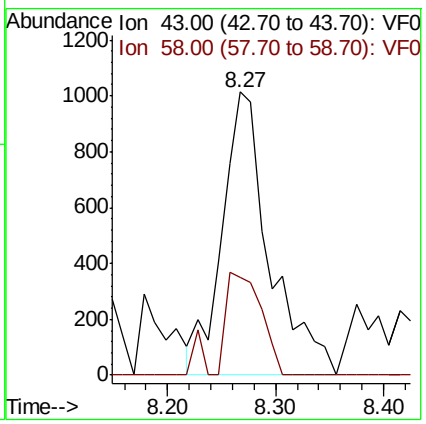


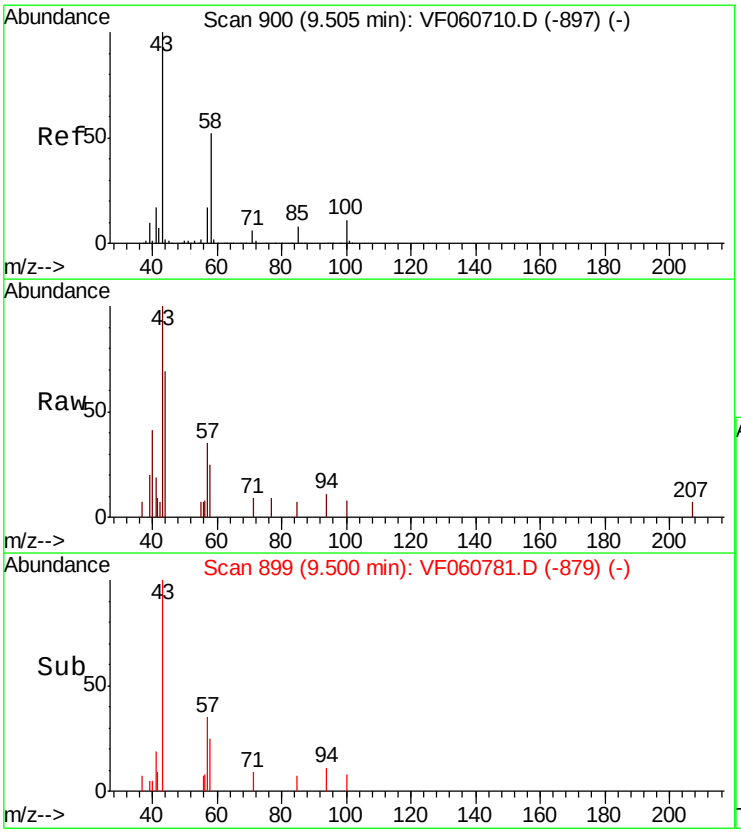
#51
4-Methyl-2-Pentanone
Concen: 2.681 ug/l
RT: 8.27 min Scan# 774
Delta R.T. -0.01 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Instrument :
MSVOA_F
ClientSampleId :
VF1119SBL01

Tgt Ion: 43 Resp: 3099

Ion	Ratio	Lower	Upper
43	100		
58	34.7	29.2	43.8

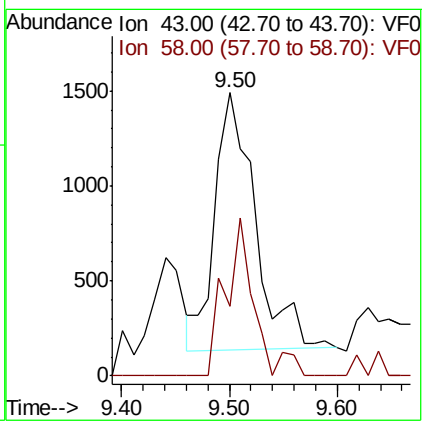


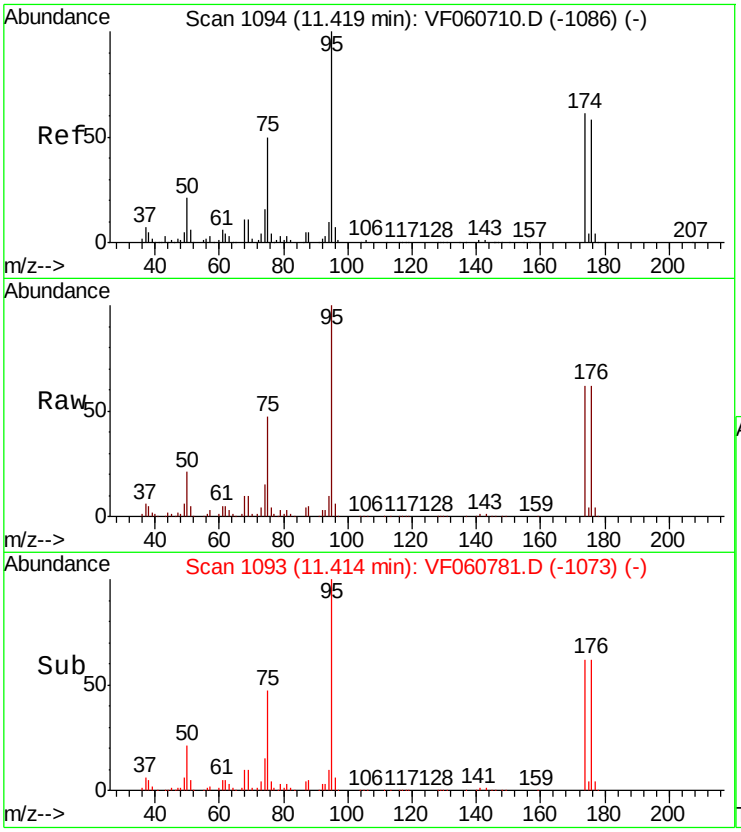


#59
2-Hexanone
Concen: 4.308 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Tgt Ion: 43 Resp: 3499

Ion	Ratio	Lower	Upper
43	100		
58	24.6	24.9	74.7#



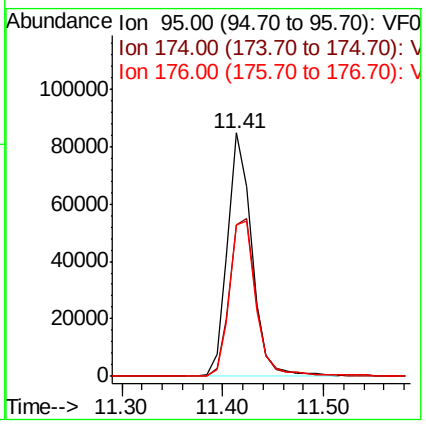


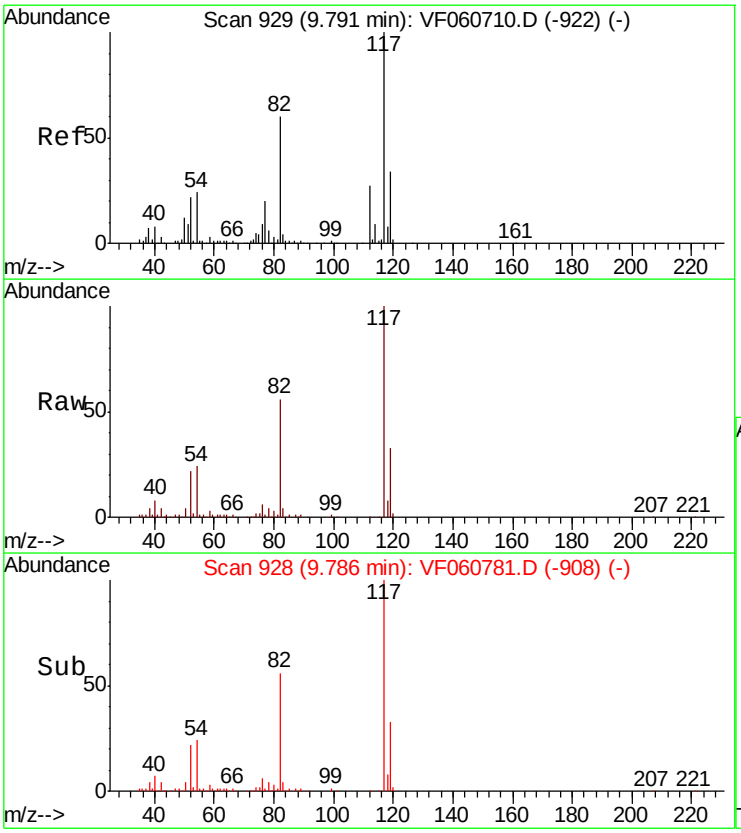
#62
4-Bromofluorobenzene
Concen: 58.235 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Instrument :
MSVOA_F
ClientSampleId :
VF1119SBL01

Tgt Ion: 95 Resp: 143148

Ion	Ratio	Lower	Upper
95	100		
174	62.0	0.0	121.6
176	62.3	0.0	115.2

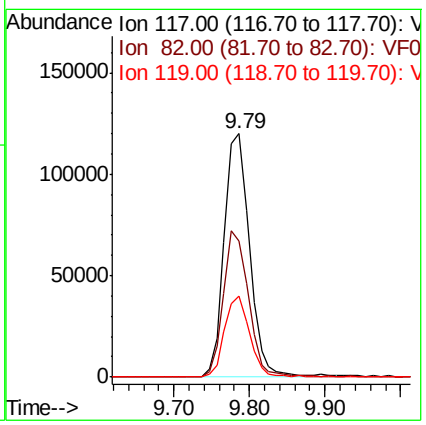


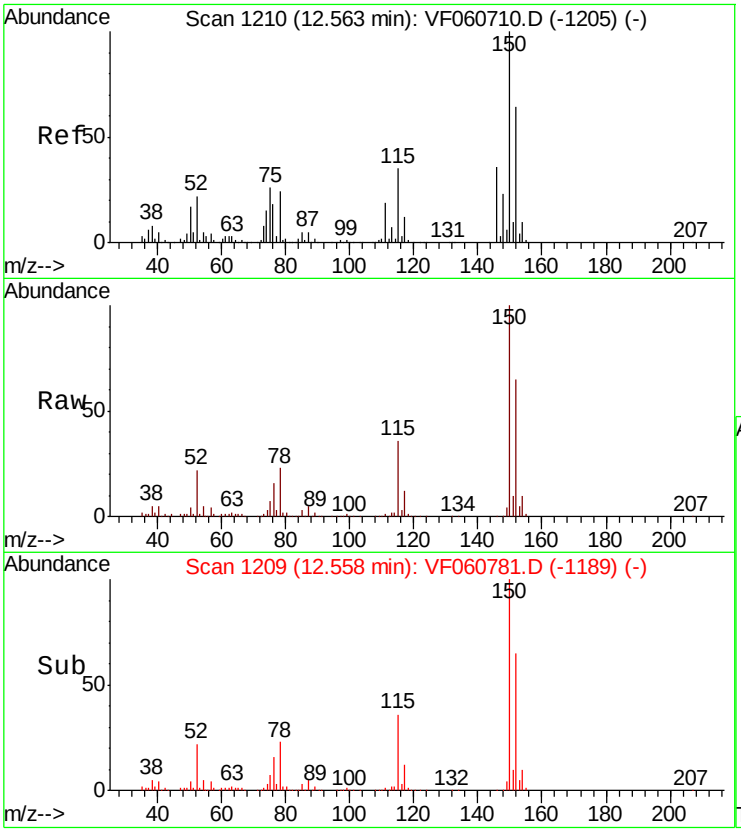


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Tgt Ion:117 Resp: 280394

Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.9	71.9
119	33.2	26.8	40.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060781.D
Acq: 19 Nov 2018 17:04

Instrument :
MSVOA_F
ClientSampleId :
VF1119SBL01

Tgt Ion:152 Resp: 171057

Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.9	83.7
150	154.8	0.0	316.4