Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111918\
Data File : VF060786.D
Acq On : 19 Nov 2018 20:02
Operator : VA/AP
Sample : J5991-01RE
Misc : 5.07g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : WS-RO-358

Quant Time: Nov 20 02:19:41 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	177109	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	301592	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.78	117	267236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	118678	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	108887	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.80%			
35) Dibromofluoromethane	4.12	113	126638	55.86	ug/l	-0.01
Spiked Amount 50.000			Recovery = 111.72%			
50) Toluene-d8	7.56	98	301994	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.12%			
62) 4-Bromofluorobenzene	11.42	95	137857	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.02%			
Target Compounds						Qvalue
13) Acrolein	1.91	56	260	3.093	ug/l	88
15) Acrylonitrile	2.95	53	752	3.839	ug/l #	54
16) Acetone	2.24	43	7905	18.308	ug/l	99
18) Methyl Acetate	2.37	43	3273	4.616	ug/l #	83
20) Methylene Chloride	2.18	84	3119	Below Cal	#	81
25) 2-Butanone	4.35	43	1650	2.323	ug/l #	56
29) Tetrahydrofuran	4.06	42	303	1.034	ug/l #	36
41) Methacrylonitrile	4.72	41	527	Below Cal	#	53
51) 4-Methyl-2-Pentanone	8.27	43	1923	1.542	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.64	63	408	2.634	ug/l	100
59) 2-Hexanone	9.50	43	2346	2.677	ug/l	71
75) 1,1,2,2-Tetrachloroethane	11.67	83	1705	1.080	ug/l #	1
95) Naphthalene	14.46	128	20785	4.254	ug/l	97

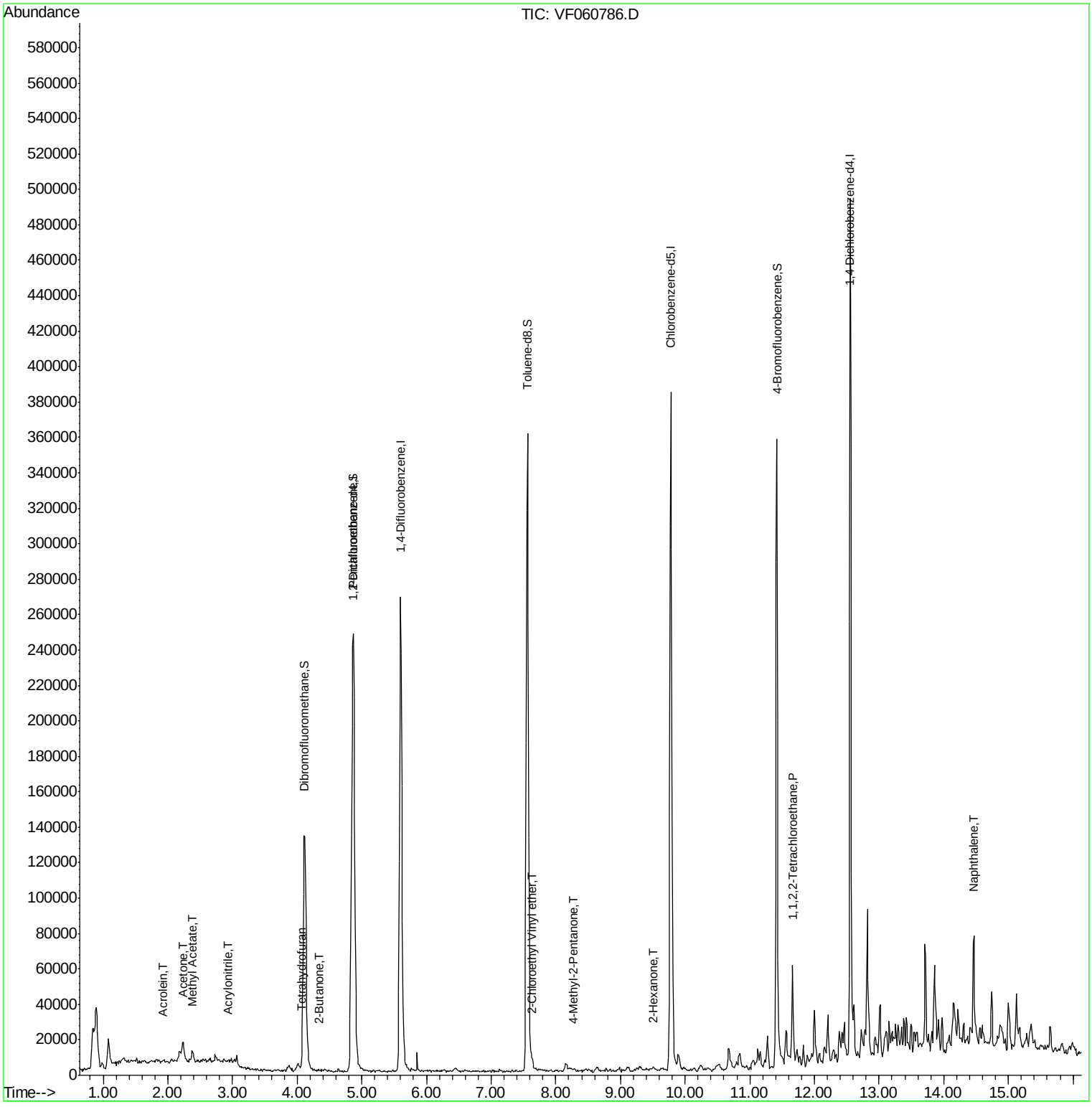
(#) = qualifier out of range (m) = manual integration (+) = signals summed

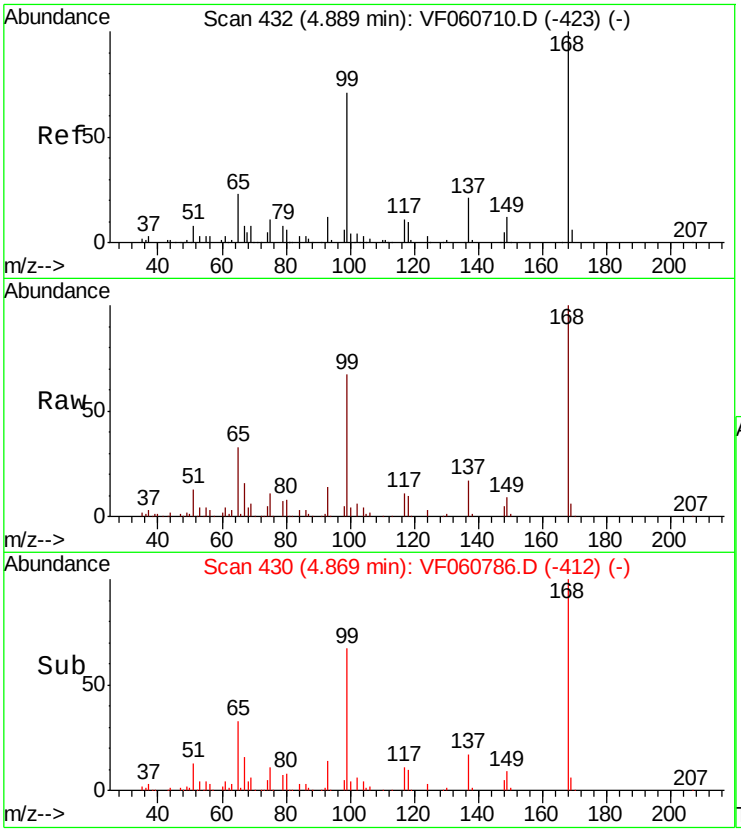
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111918\
Data File : VF060786.D
Acq On : 19 Nov 2018 20:02
Operator : VA/AP
Sample : J5991-01RE
Misc : 5.07g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WS-RO-358

Quant Time: Nov 20 02:19:41 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



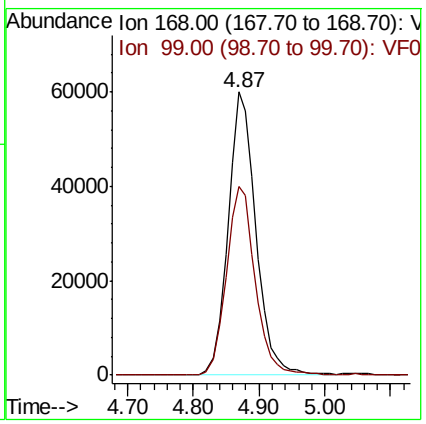


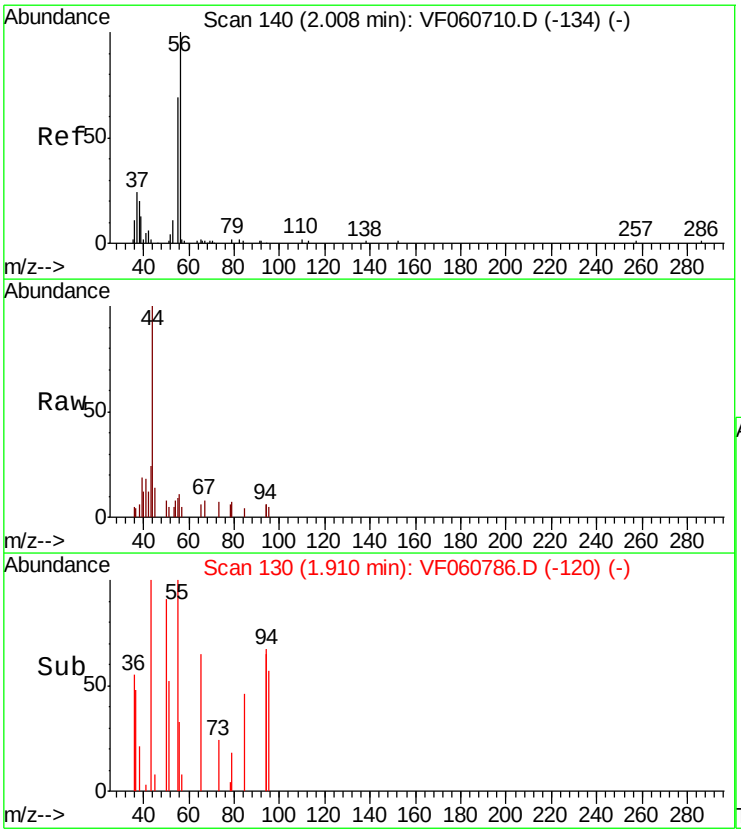
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.02 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument :
MSVOA_F
ClientSampleId :
WS-RO-358

Tgt Ion:168 Resp: 177109

Ion	Ratio	Lower	Upper
168	100		
99	66.5	57.2	85.8

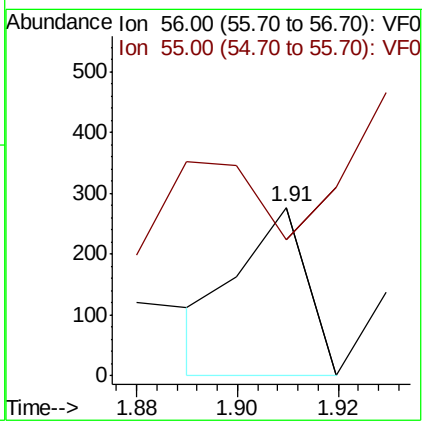


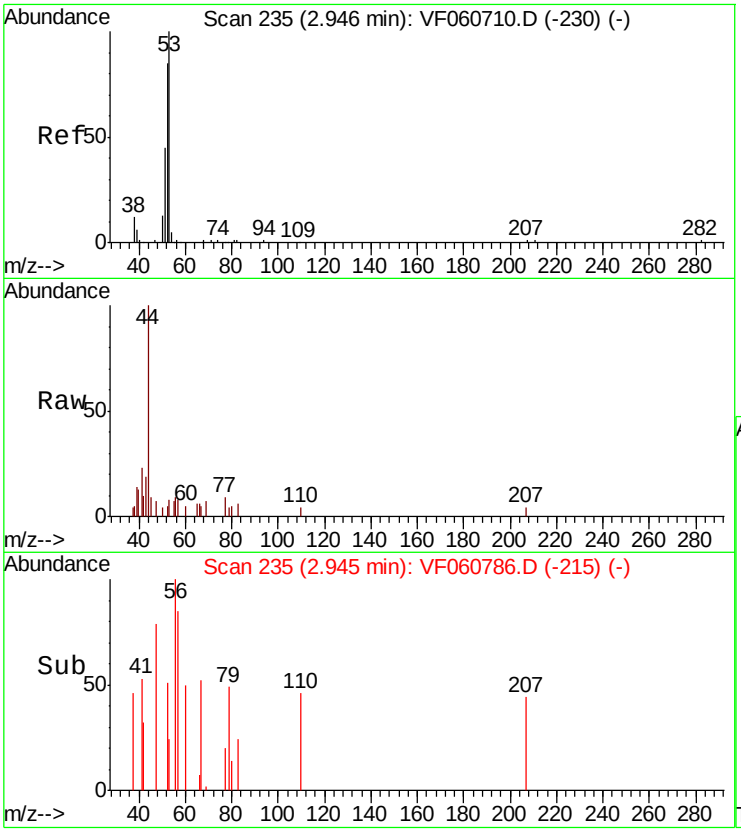


#13
Acrolein
Concen: 3.093 ug/l
RT: 1.91 min Scan# 130
Delta R.T. -0.10 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion: 56 Resp: 260

Ion	Ratio	Lower	Upper
56	100		
55	80.9	56.6	85.0



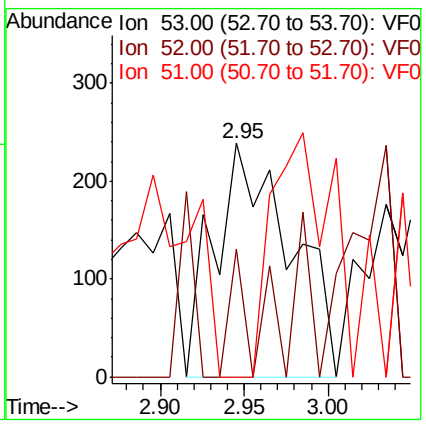


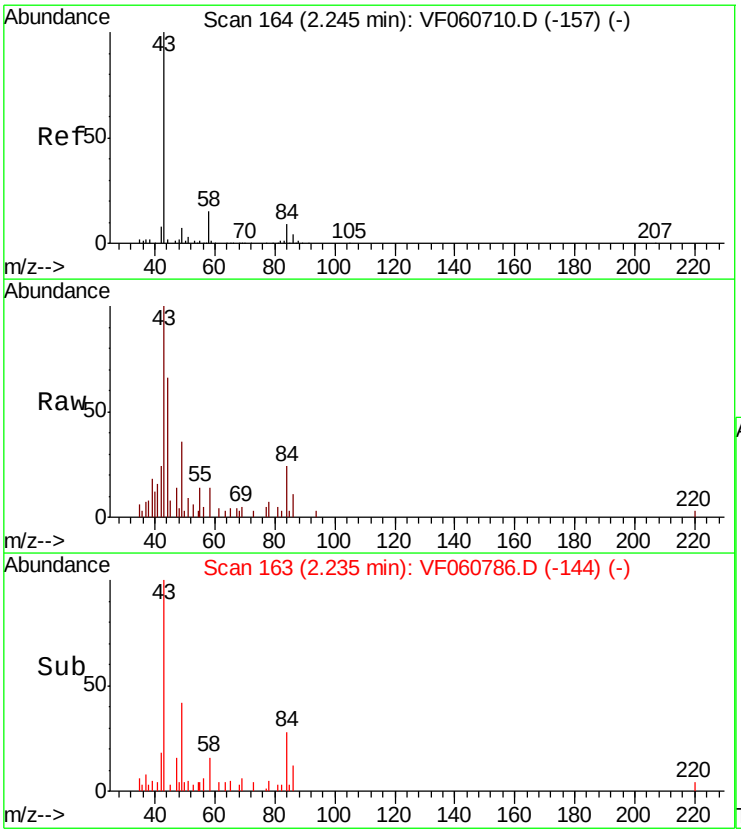
#15
Acrylonitrile
Concen: 3.839 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.00 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument : MSVOA_F
ClientSampleId : WS-RO-358

Tgt Ion: 53 Resp: 752

Ion	Ratio	Lower	Upper
53	100		
52	54.8	68.8	103.2#
51	0.0	36.7	55.1#

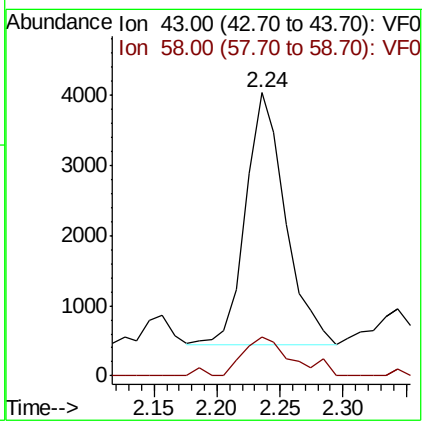


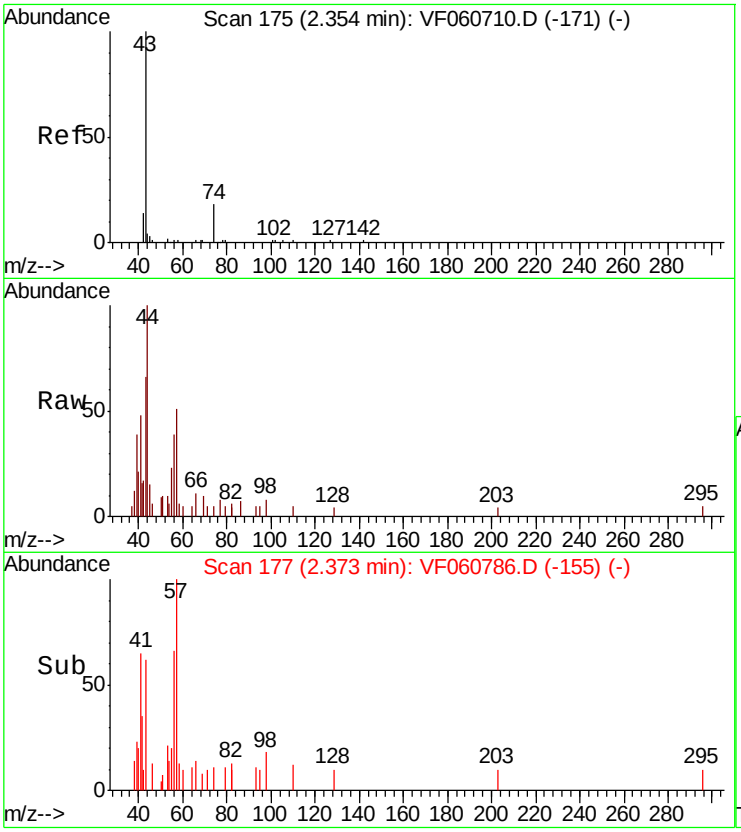


#16
Acetone
Concen: 18.308 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion: 43 Resp: 7905

Ion	Ratio	Lower	Upper
43	100		
58	13.9	11.6	17.4



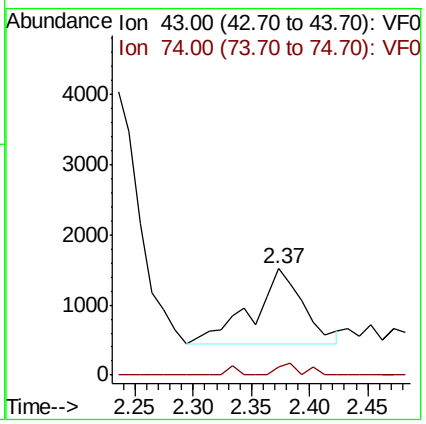


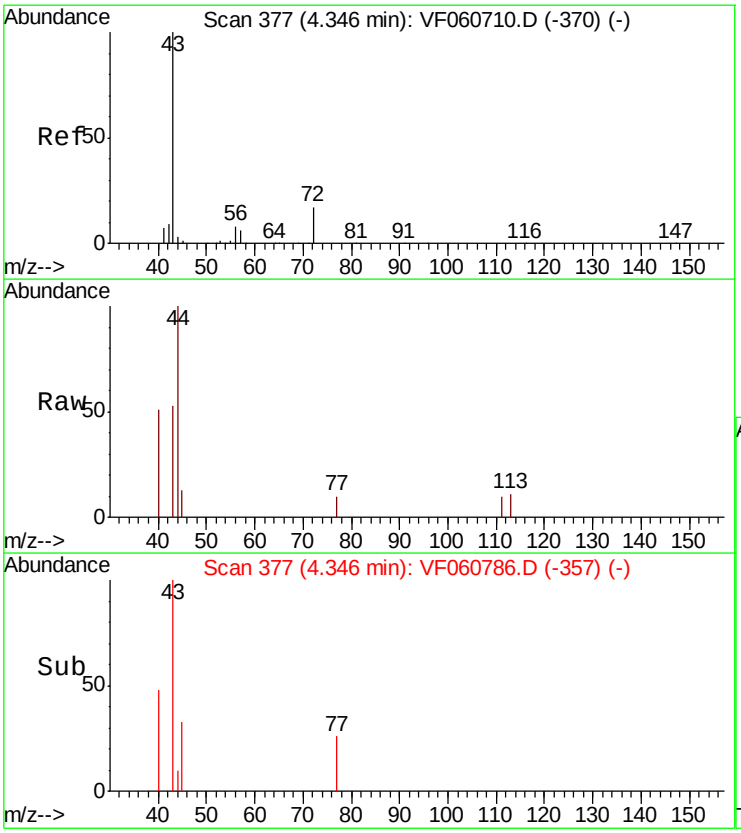
#18
Methyl Acetate
Concen: 4.616 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.02 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument : MSVOA_F
ClientSampleId : WS-RO-358

Tgt Ion: 43 Resp: 3273

Ion	Ratio	Lower	Upper
43	100		
74	7.7	11.8	17.8#

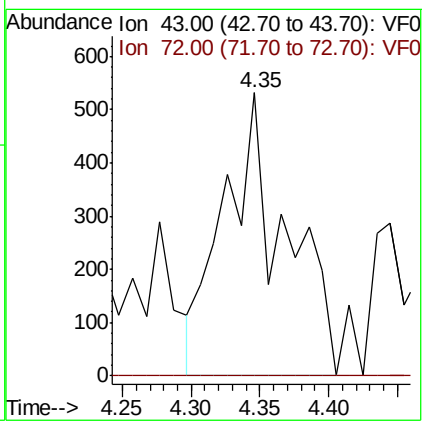


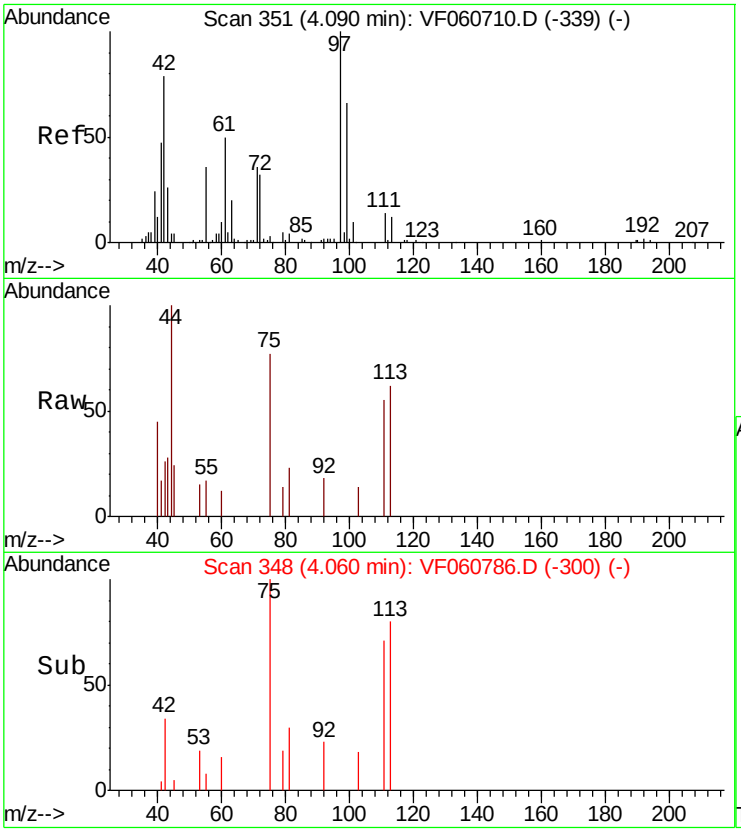


#25
2-Butanone
Concen: 2.323 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.00 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion: 43 Resp: 1650

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#



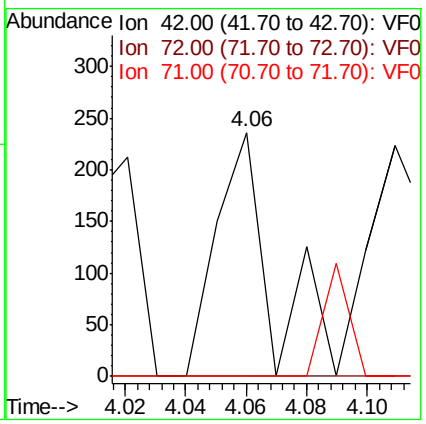


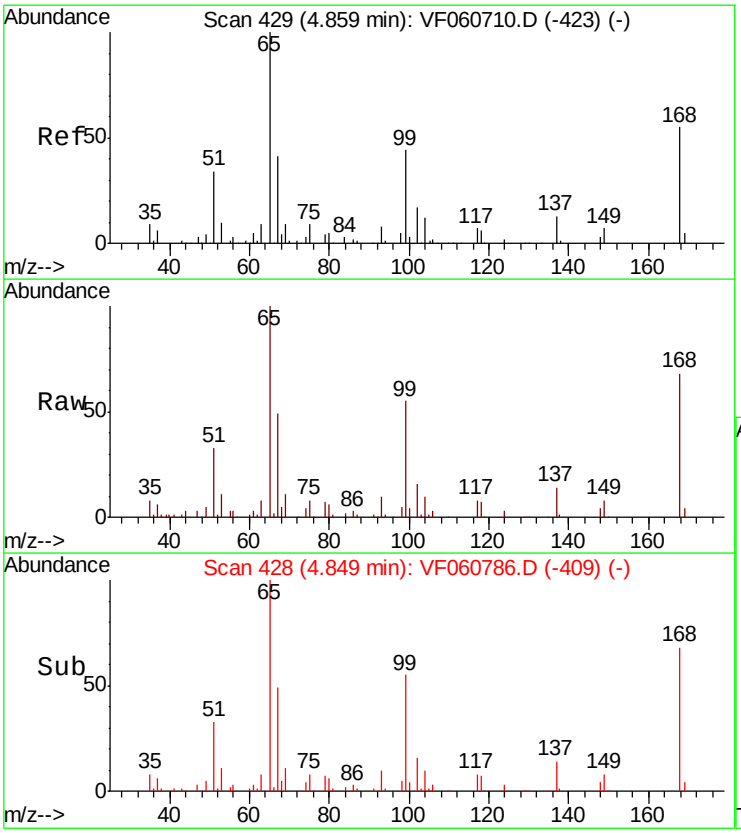
#29
Tetrahydrofuran
Concen: 1.034 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.03 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument : MSVOA_F
ClientSampleId : WS-RO-358

Tgt Ion: 42 Resp: 303

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

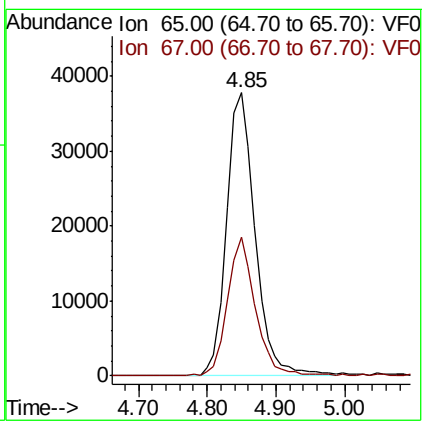


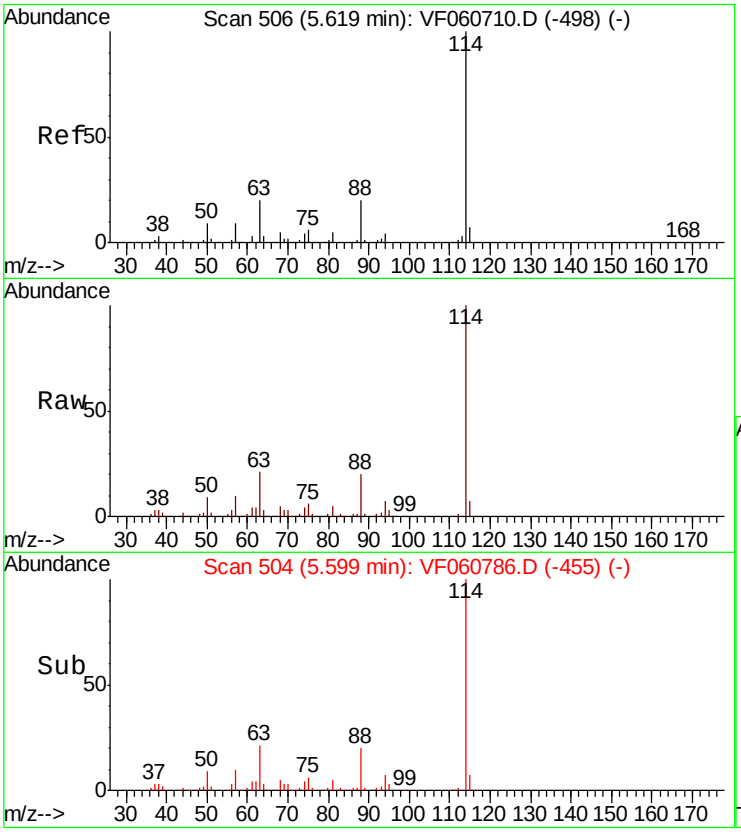


#33
1,2-Dichloroethane-d4
Concen: 53.901 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion: 65 Resp: 108887

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	90.2



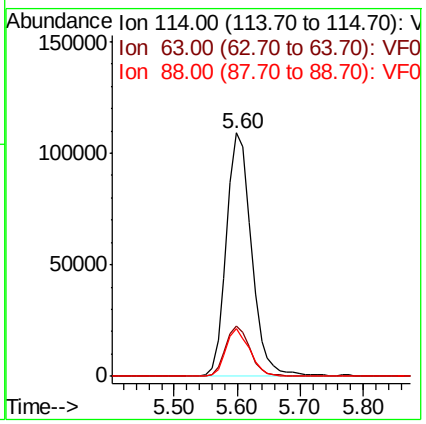


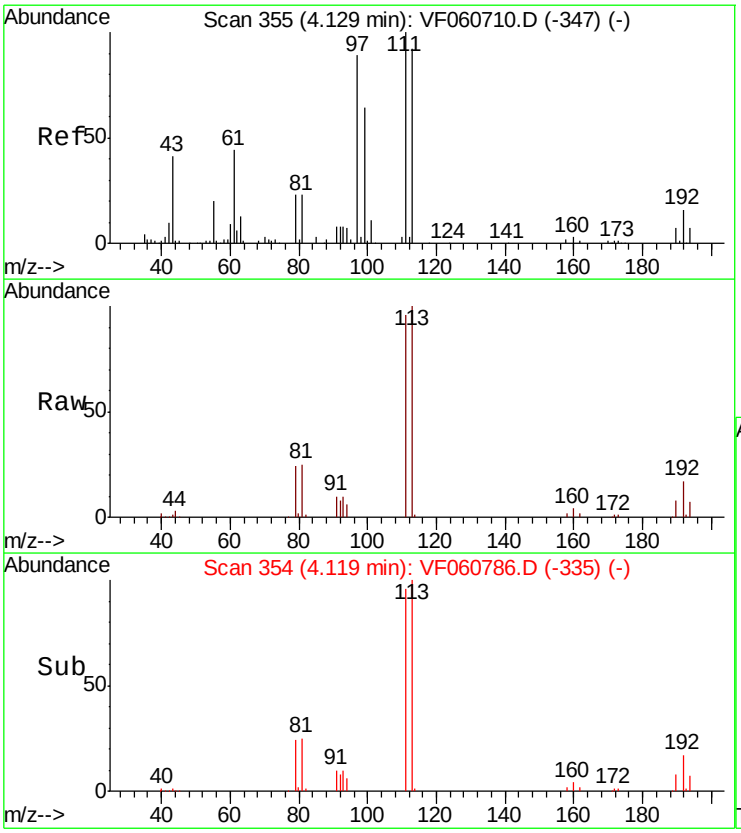
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.02 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument :
MSVOA_F
ClientSampleId :
WS-RO-358

Tgt Ion:114 Resp: 301592

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	19.6	0.0	39.6

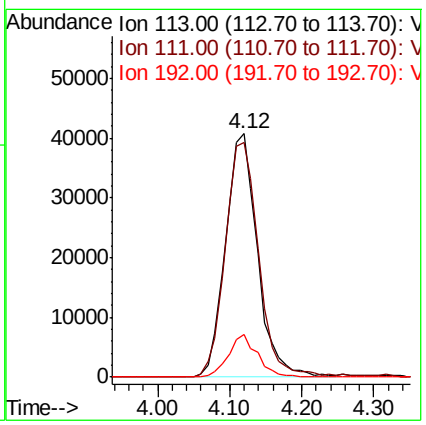


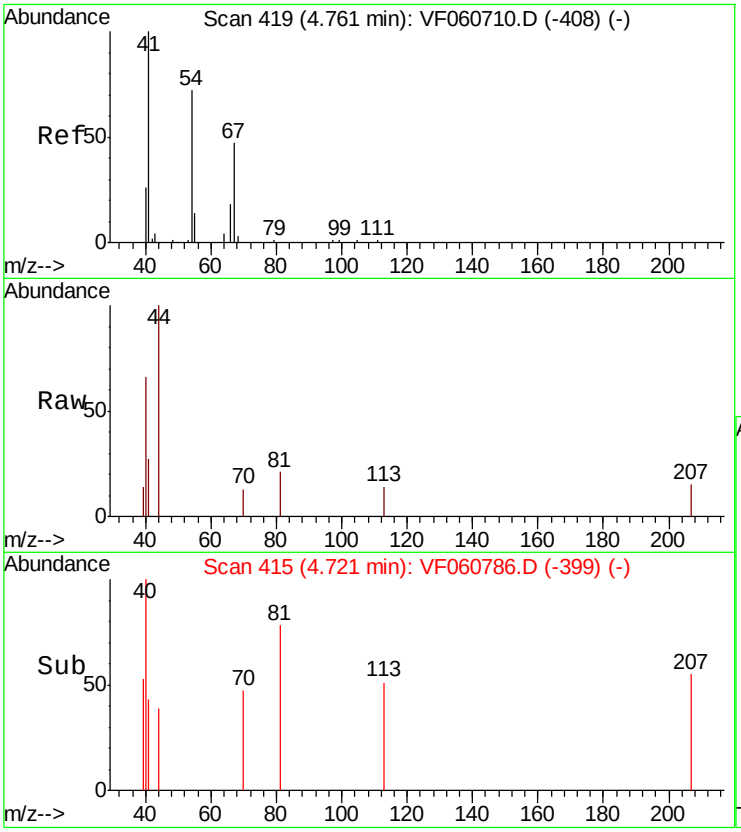


#35
Dibromofluoromethane
Concen: 55.860 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion:113 Resp: 126638

Ion	Ratio	Lower	Upper
113	100		
111	96.4	87.1	130.7
192	17.7	13.8	20.6



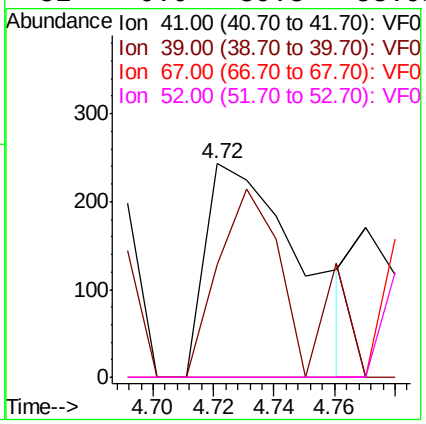


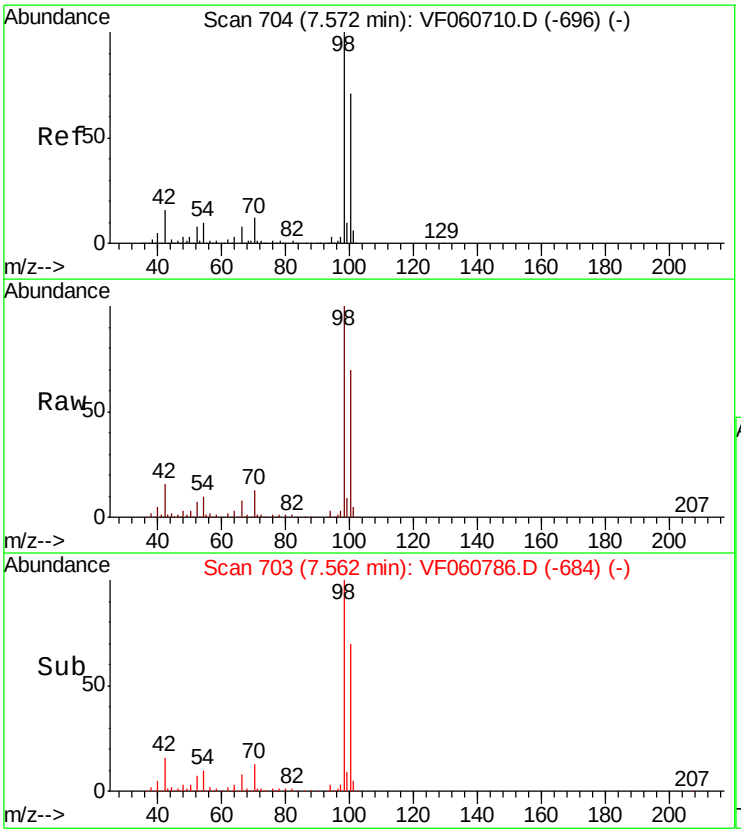
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.72 min Scan# 415
Delta R.T. -0.04 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument : MSVOA_F
ClientSampleId : WS-RO-358

Tgt Ion: 41 Resp: 527

Ion	Ratio	Lower	Upper
41	100		
39	53.1	47.1	70.7
67	0.0	37.1	55.7#
52	0.0	39.3	58.9#

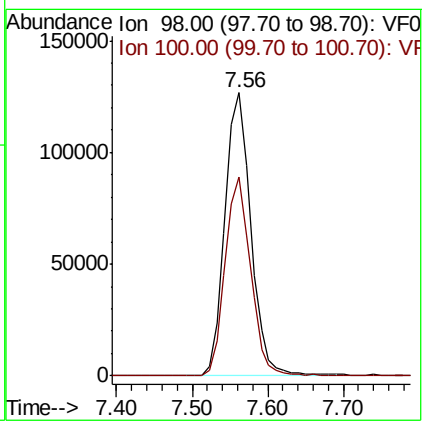


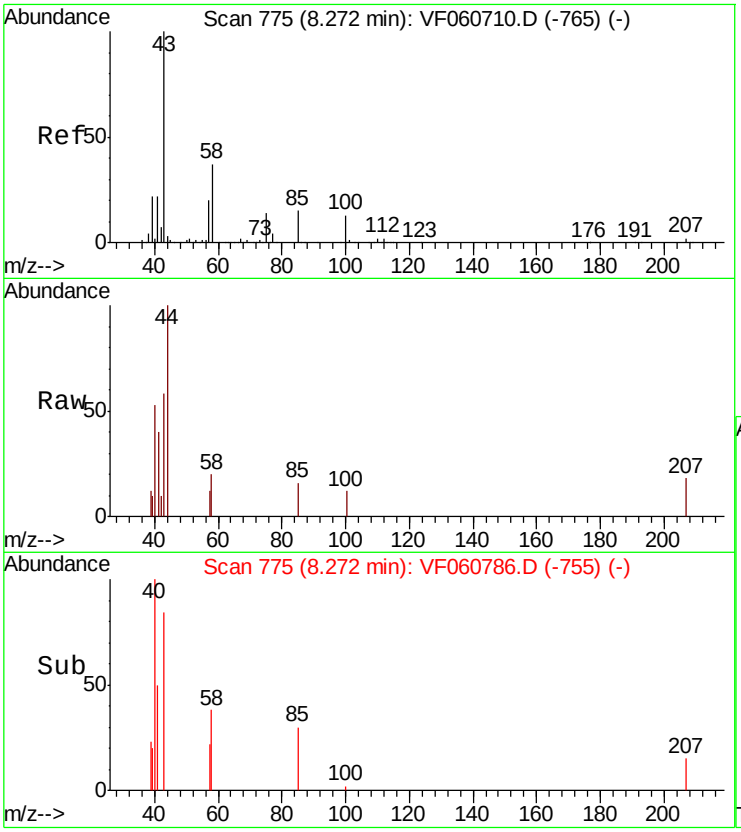


#50
Toluene-d8
Concen: 52.063 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion: 98 Resp: 301994

Ion	Ratio	Lower	Upper
98	100		
100	70.2	56.5	84.7



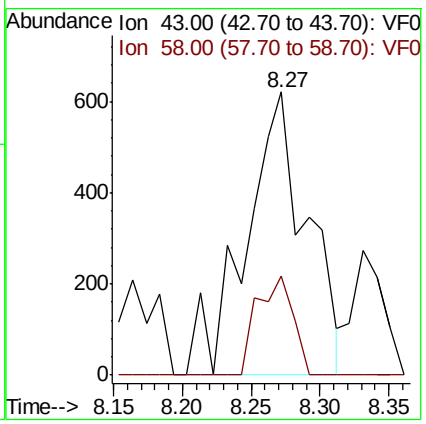


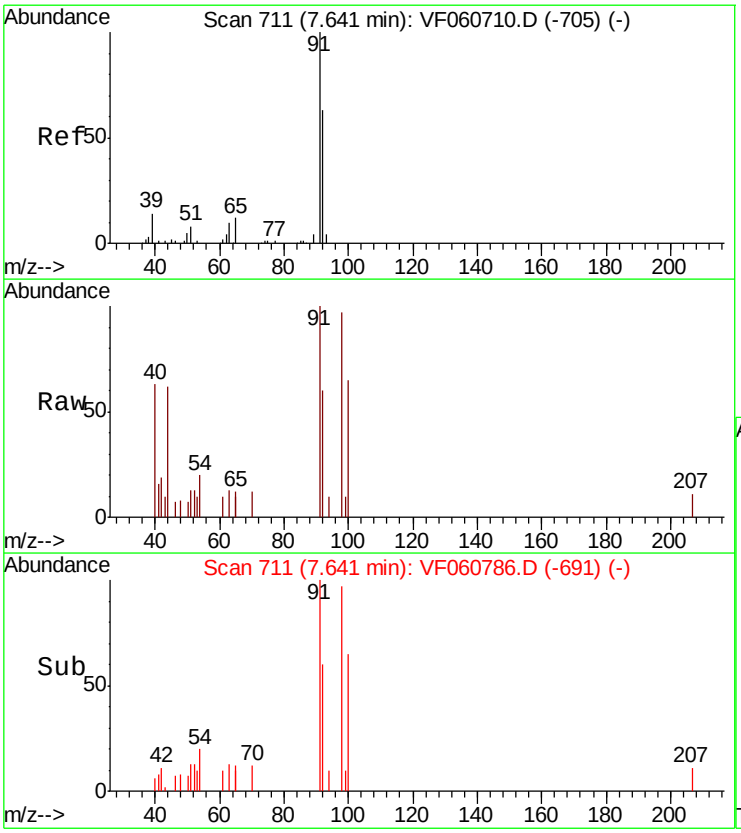
#51
4-Methyl-2-Pentanone
Concen: 1.542 ug/l
RT: 8.27 min Scan# 775
Delta R.T. -0.00 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument : MSVOA_F
ClientSampleId : WS-RO-358

Tgt Ion: 43 Resp: 1923

Ion	Ratio	Lower	Upper
43	100		
58	35.1	29.2	43.8

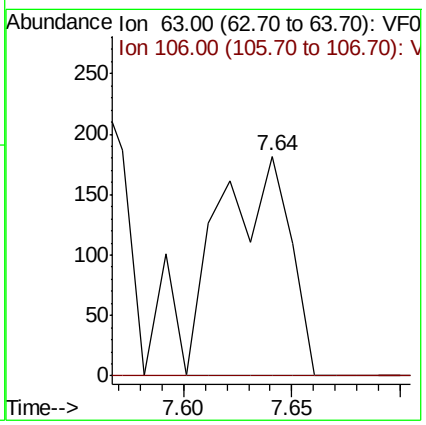


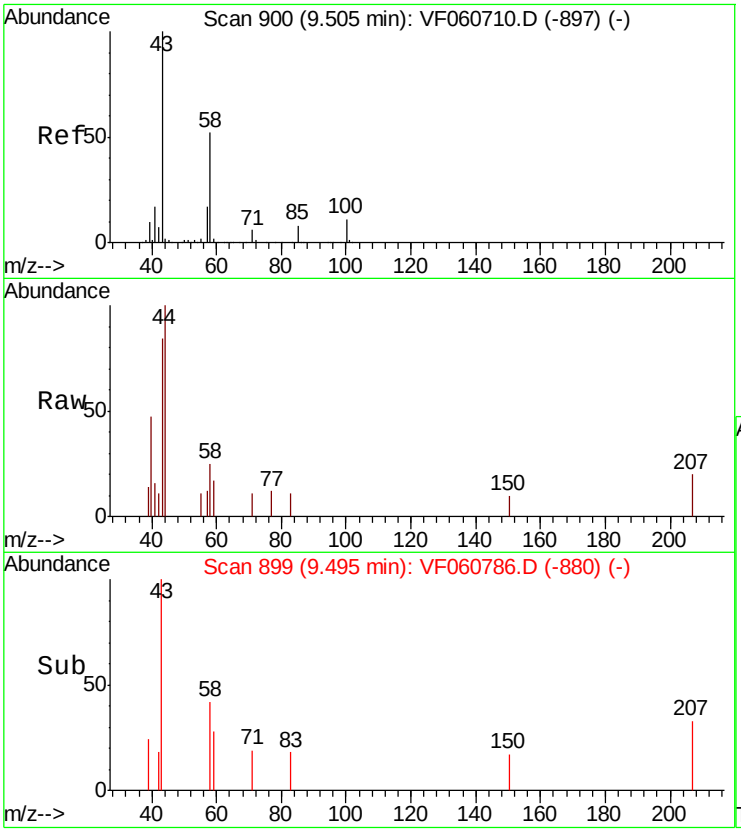


#58
2-Chloroethyl Vinyl ether
Concen: 2.634 ug/l
RT: 7.64 min Scan# 711
Delta R.T. -0.00 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion: 63 Resp: 408

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



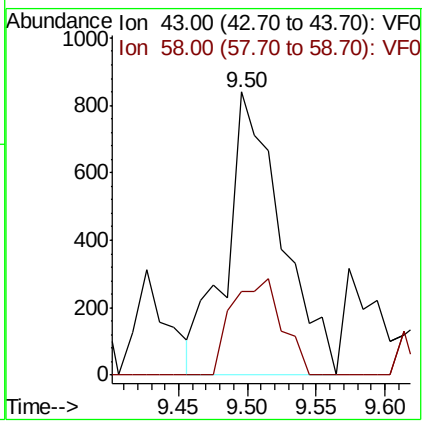


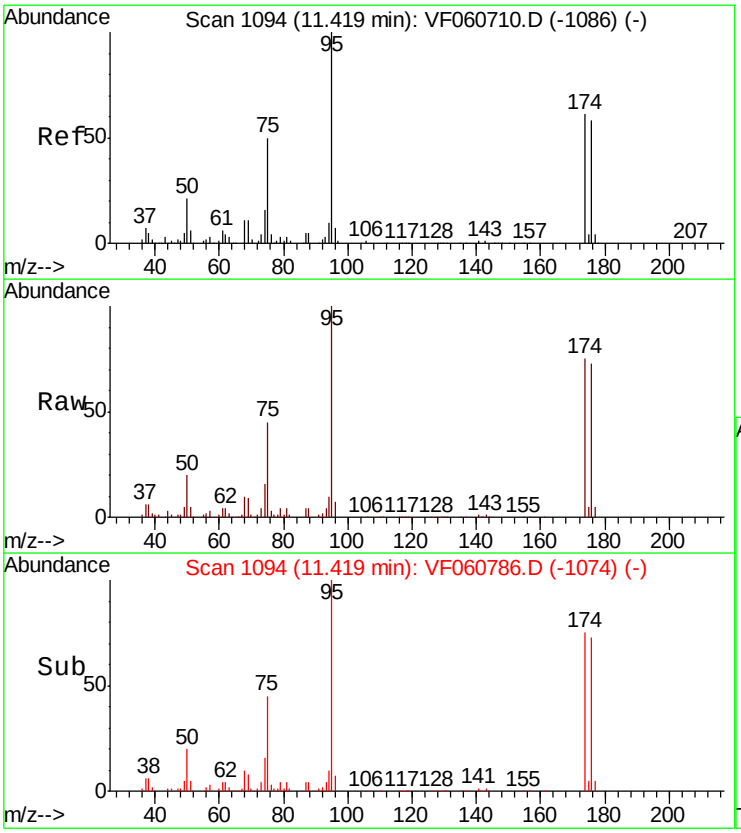
#59
2-Hexanone
Concen: 2.677 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument : MSVOA_F
ClientSampleId : WS-RO-358

Tgt Ion: 43 Resp: 2346

Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.9	74.7

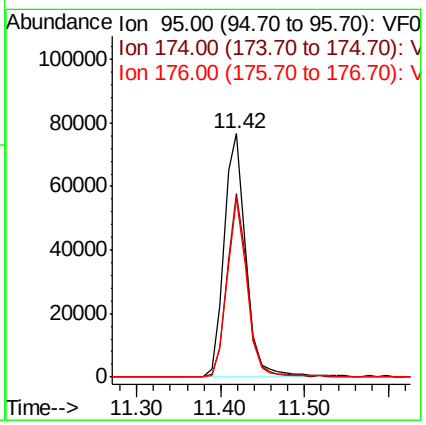


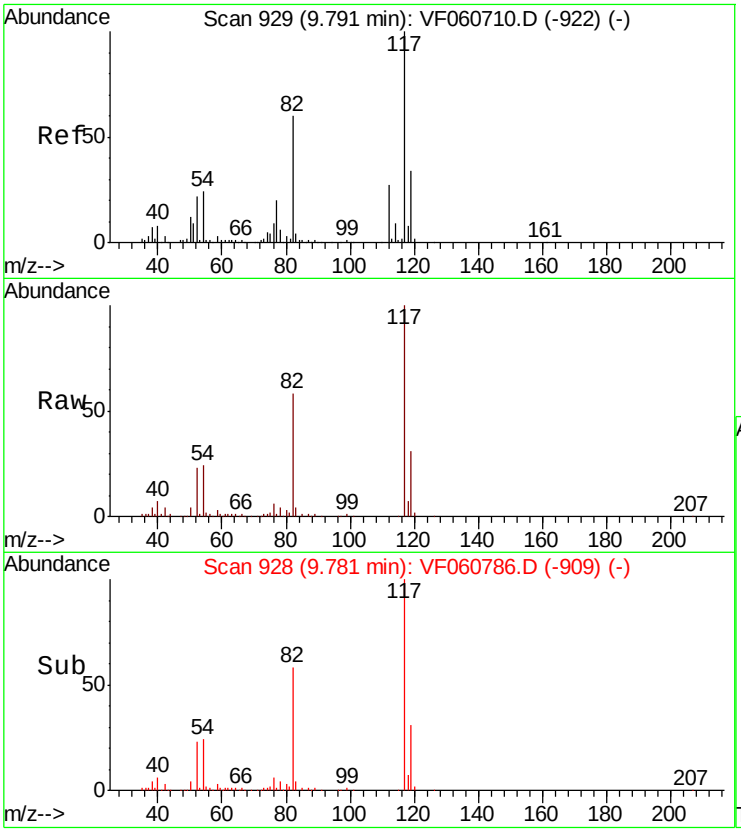


#62
4-Bromofluorobenzene
Concen: 51.508 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion: 95 Resp: 137857

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	121.6
176	73.3	0.0	115.2



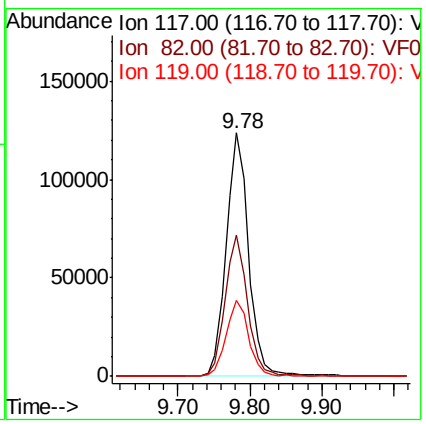


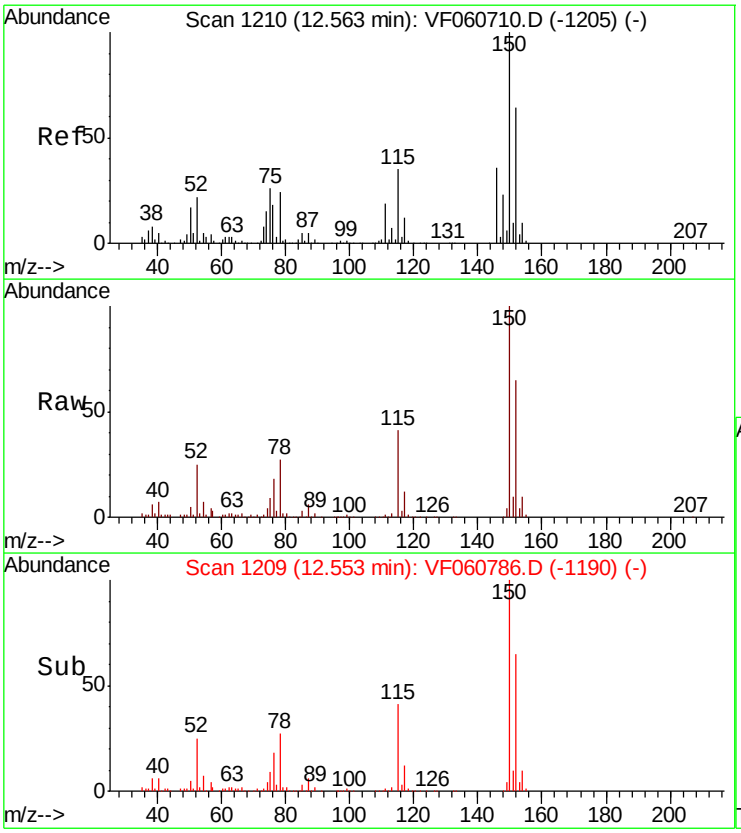
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument : MSVOA_F
ClientSampleId : WS-RO-358

Tgt Ion:117 Resp: 267236

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.9	71.9
119	31.3	26.8	40.2

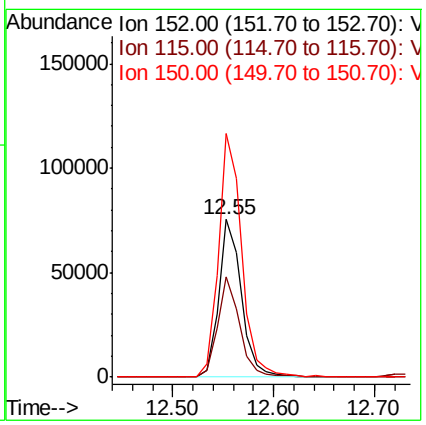


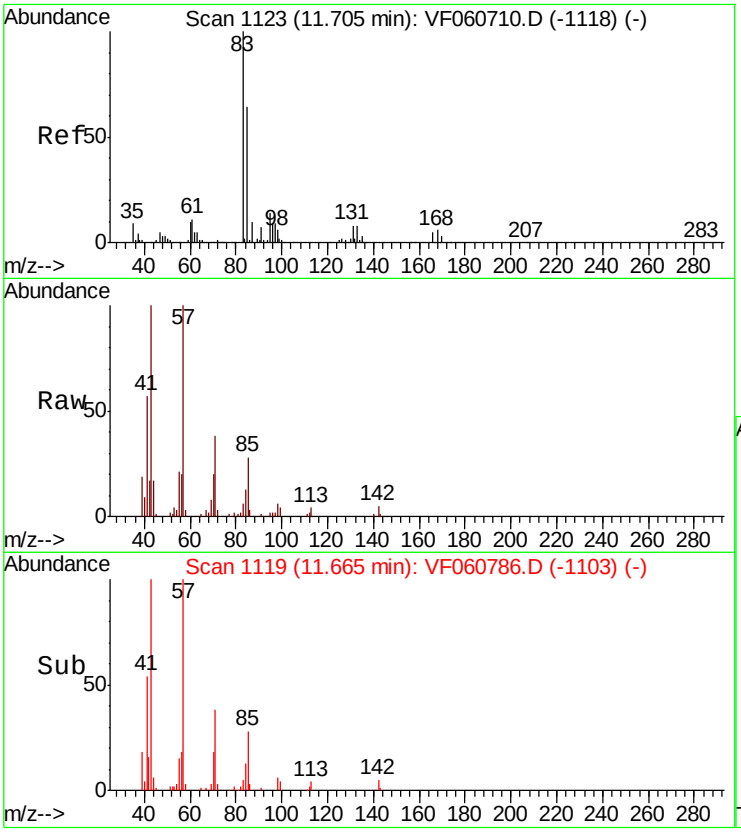


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion:152 Resp: 118678

Ion	Ratio	Lower	Upper
152	100		
115	63.4	27.9	83.7
150	154.8	0.0	316.4



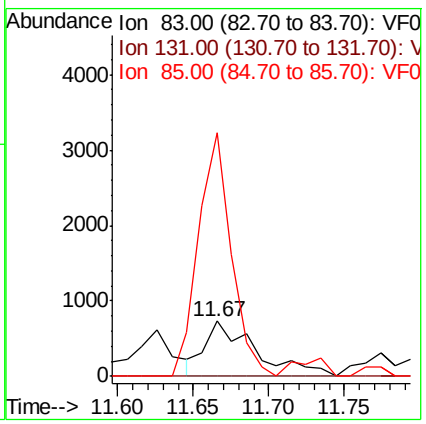


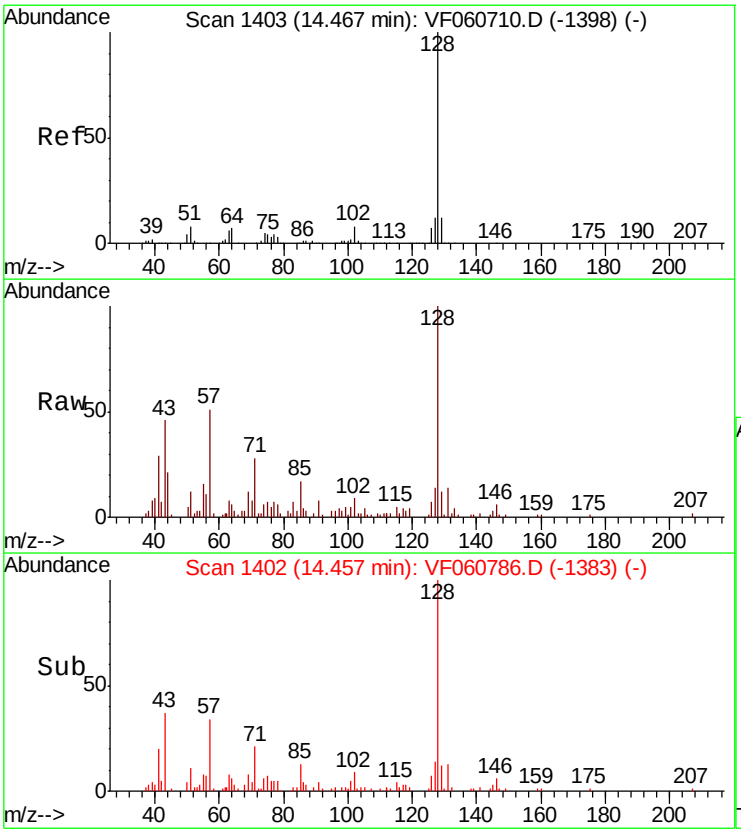
#75
1,1,2,2-Tetrachloroethane
Concen: 1.080 ug/l
RT: 11.67 min Scan# 1119
Delta R.T. -0.04 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument : MSVOA_F
ClientSampleId : WS-RO-358

Tgt Ion: 83 Resp: 1705

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.2	12.4#
85	441.7	32.0	96.2#





#95
Naphthalene
Concen: 4.254 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion:128 Resp: 20785

Ion	Ratio	Lower	Upper
128	100		
127	14.0	9.8	14.6
129	11.5	9.3	13.9