Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112018\
Data File : VF060820.D
Acq On : 20 Nov 2018 23:28
Operator : VA/AP
Sample : J5981-08
Misc : 3.39g/5mL/MSVOA-F/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 21 02:53:29 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	175933	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	280731	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	206681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	92773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	88347	44.03	ug/l	-0.02
Spiked Amount 50.000			Recovery = 88.06%			
35) Dibromofluoromethane	4.12	113	119476	56.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.24%			
50) Toluene-d8	7.56	98	277232	51.29	ug/l	-0.01
Spiked Amount 50.000			Recovery = 102.58%			
62) 4-Bromofluorobenzene	11.41	95	105638	41.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.24%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.59	59	130	1.423	ug/l #	1
13) Acrolein	2.02	56	291	3.485	ug/l	92
15) Acrylonitrile	2.94	53	884	4.543	ug/l #	68
16) Acetone	2.24	43	36006	83.945	ug/l	97
18) Methyl Acetate	2.39	43	1968	2.794	ug/l #	64
20) Methylene Chloride	2.18	84	6276	1.635	ug/l #	86
25) 2-Butanone	4.34	43	14136	20.037	ug/l	92
29) Tetrahydrofuran	4.12	42	982	3.374	ug/l #	48
37) Ethyl Acetate	4.11	43	1294	1.069	ug/l #	1
41) Methacrylonitrile	4.77	41	327	Below Cal	#	26
48) Methyl methacrylate	6.73	41	1461	1.376	ug/l #	65
51) 4-Methyl-2-Pentanone	8.28	43	3276	2.822	ug/l #	70
58) 2-Chloroethyl Vinyl ether	7.56	63	226	1.568	ug/l	100
59) 2-Hexanone	9.51	43	5765	7.067	ug/l	83
74) N-amyl acetate	11.37	43	3660	2.153	ug/l #	91
95) Naphthalene	14.46	128	13943	3.650	ug/l	97

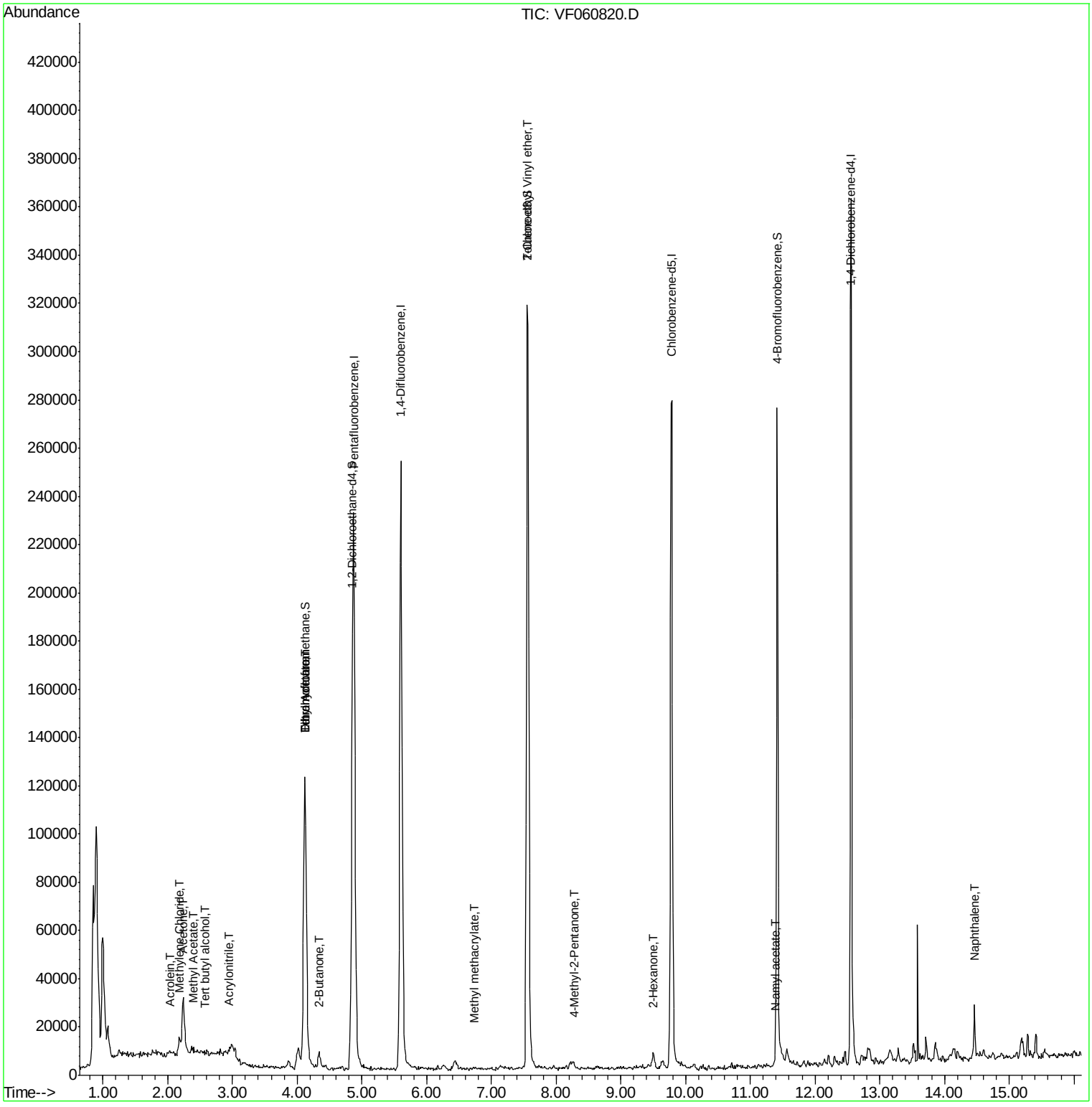
(#) = qualifier out of range (m) = manual integration (+) = signals summed

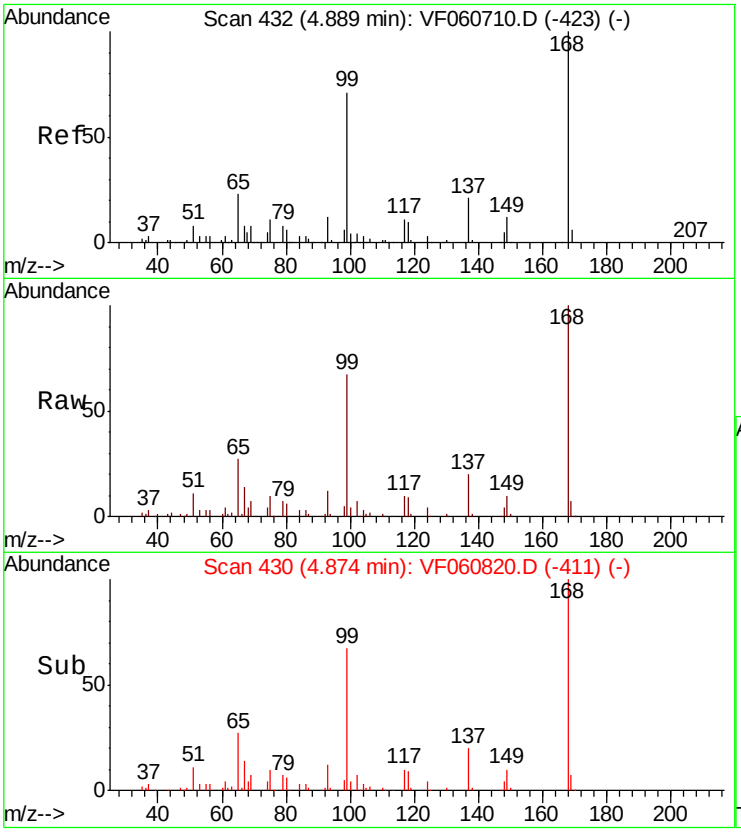
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112018\
Data File : VF060820.D
Acq On : 20 Nov 2018 23:28
Operator : VA/AP
Sample : J5981-08
Misc : 3.39g/5mL/MSVOA-F/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 21 02:53:29 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



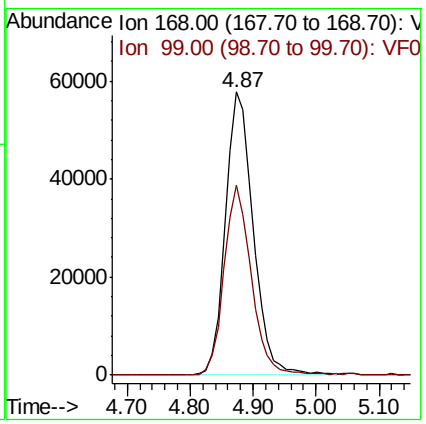


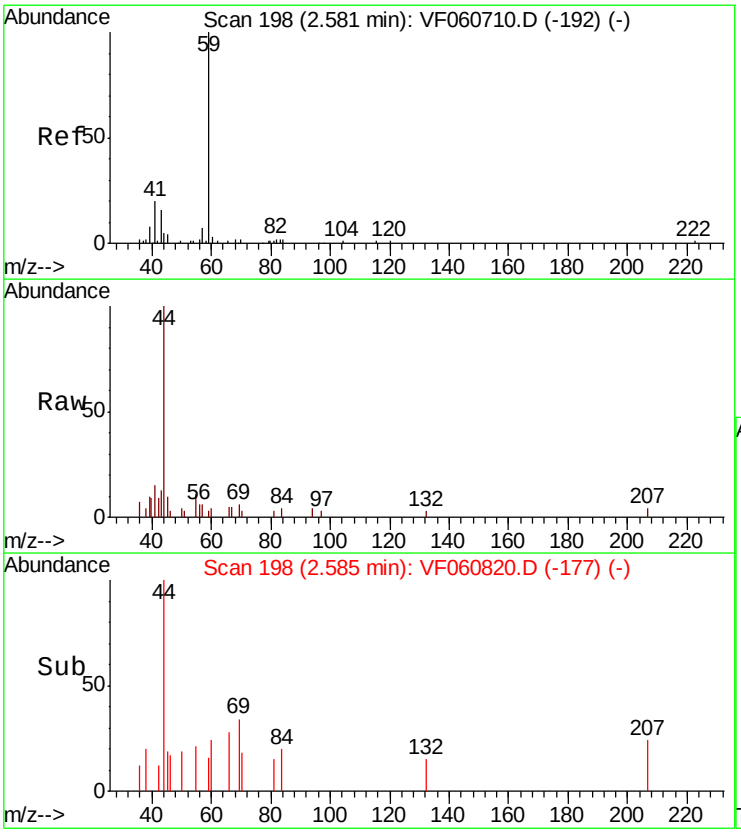
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.02 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 175933

Ion	Ratio	Lower	Upper
168	100		
99	67.1	57.2	85.8

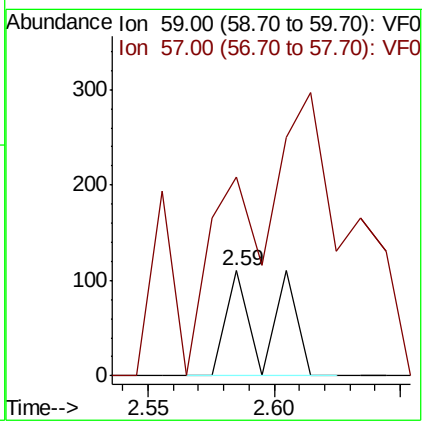


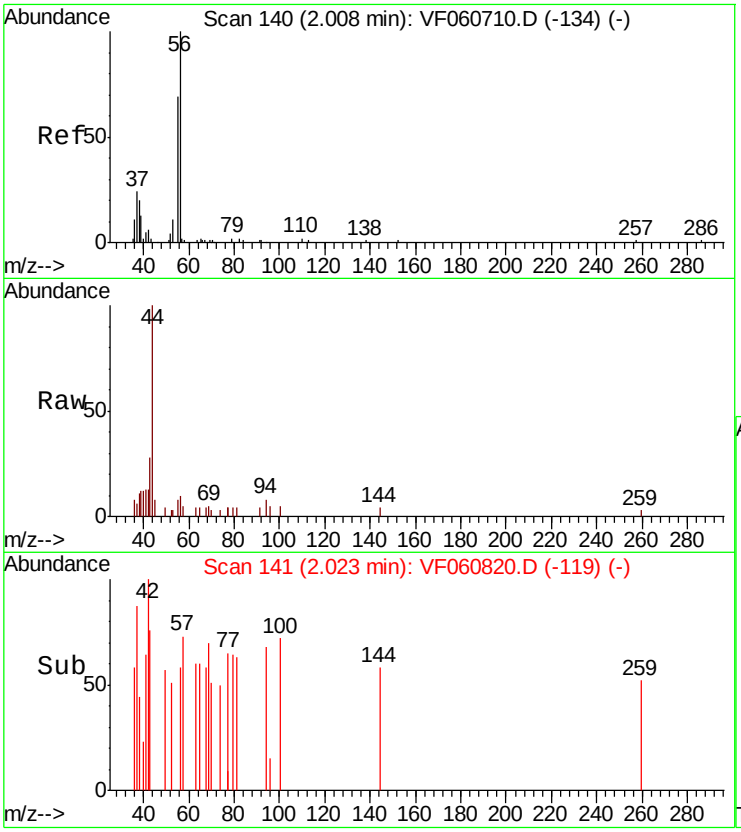


#11
Tert butyl alcohol
Concen: 1.423 ug/l
RT: 2.59 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion: 59 Resp: 130

Ion	Ratio	Lower	Upper
59	100		
57	189.1	10.5	15.7#



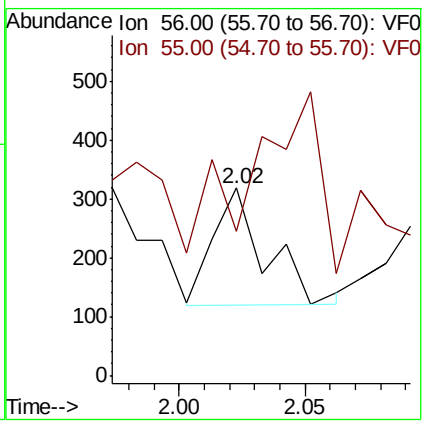


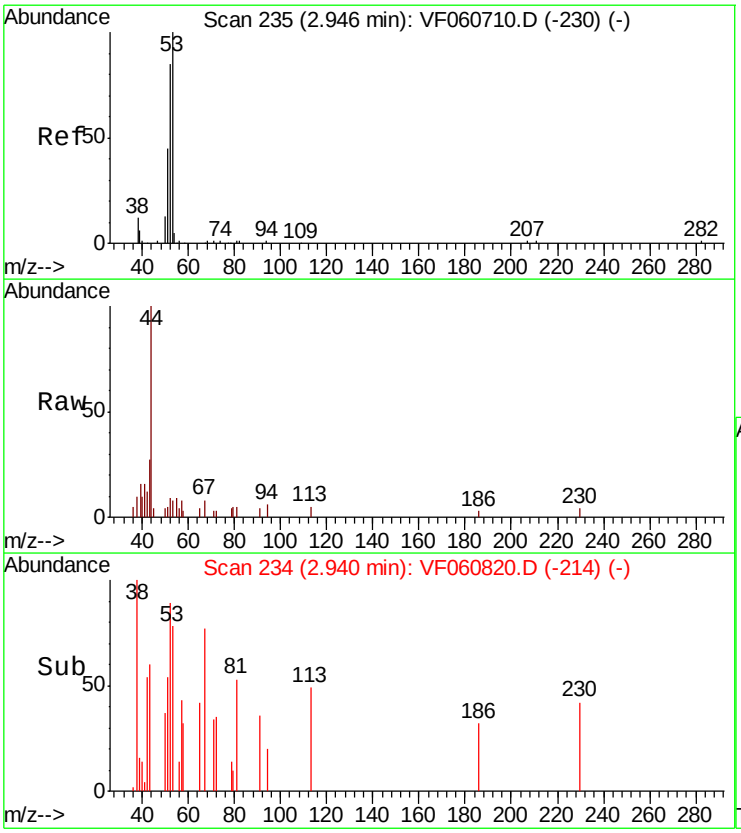
#13
Acrolein
Concen: 3.485 ug/l
RT: 2.02 min Scan# 141
Delta R.T. 0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 291

Ion	Ratio	Lower	Upper
56	100		
55	77.4	56.6	85.0

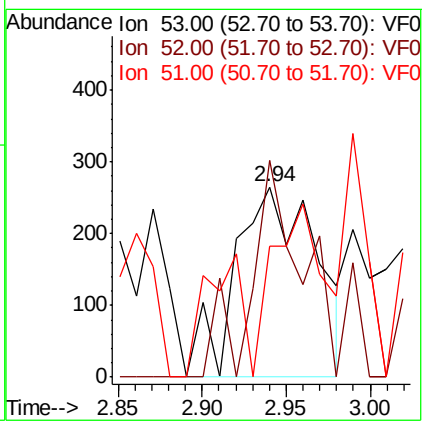


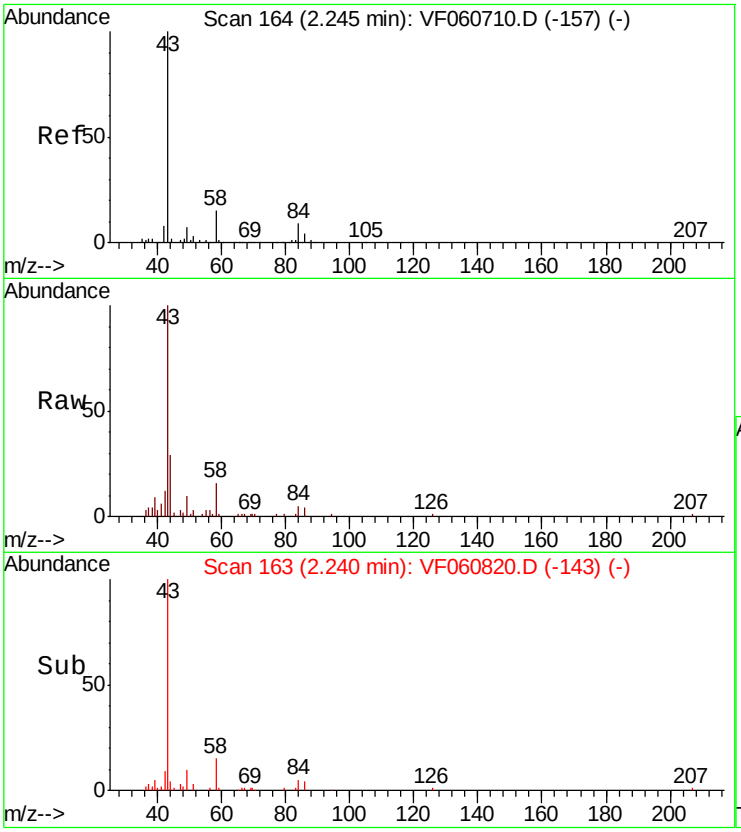


#15
Acrylonitrile
Concen: 4.543 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion: 53 Resp: 884

Ion	Ratio	Lower	Upper
53	100		
52	114.0	68.8	103.2#
51	69.1	36.7	55.1#



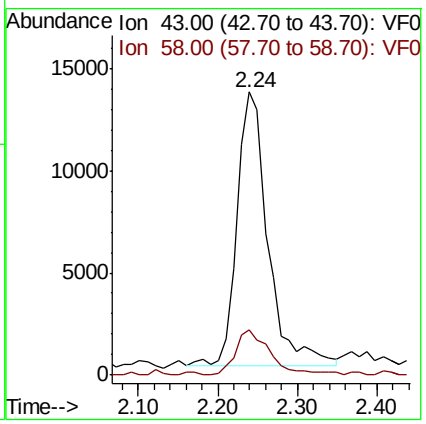


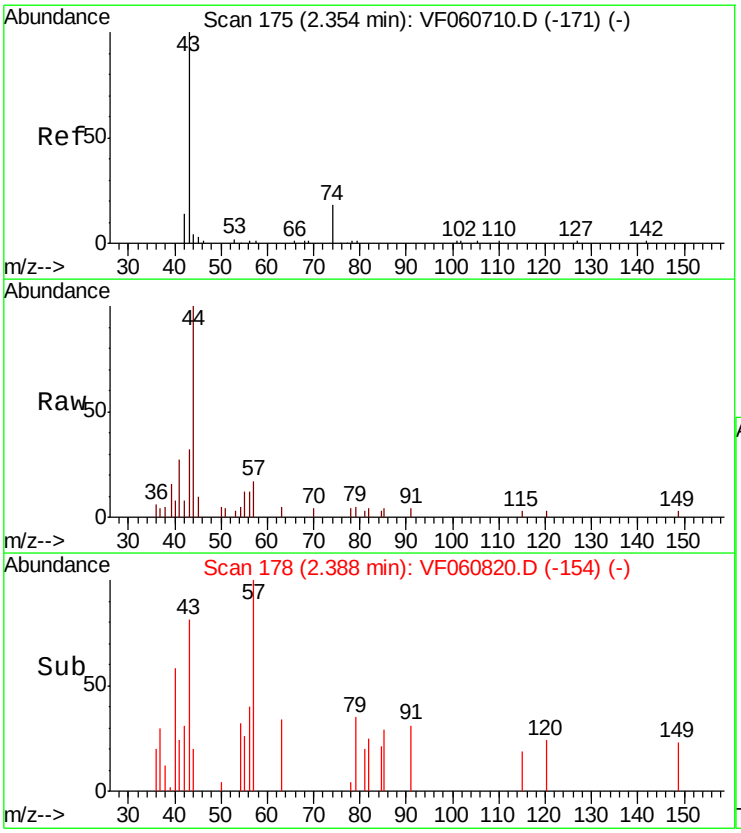
#16
Acetone
Concen: 83.945 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 36006

Ion	Ratio	Lower	Upper
43	100		
58	15.9	11.6	17.4

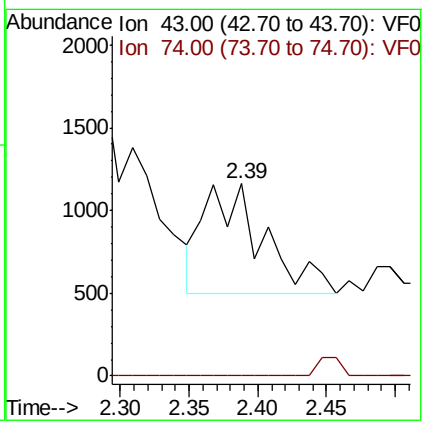


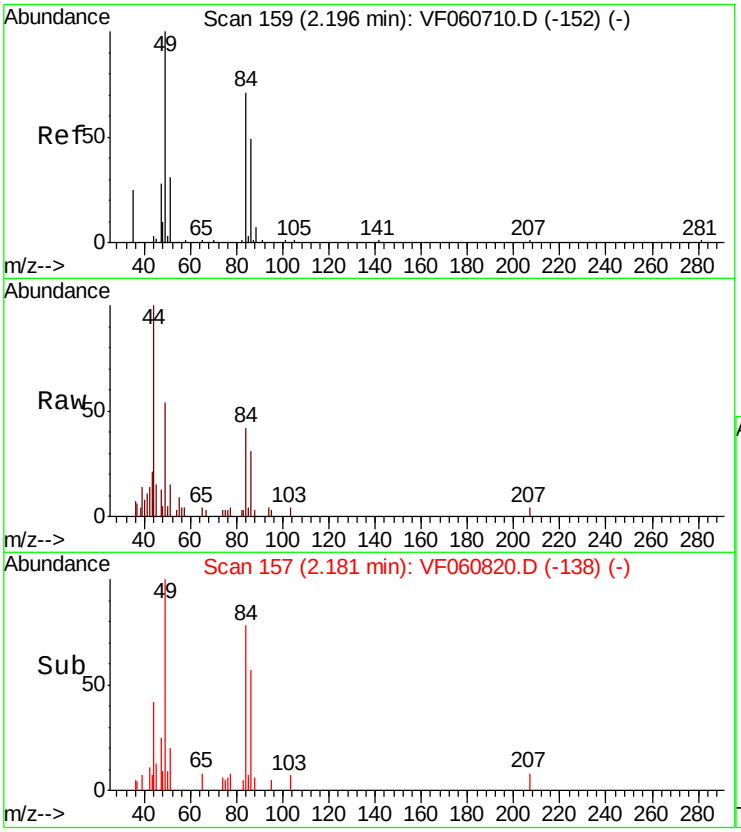


#18
Methyl Acetate
Concen: 2.794 ug/l
RT: 2.39 min Scan# 178
Delta R.T. 0.03 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion: 43 Resp: 1968

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.8#



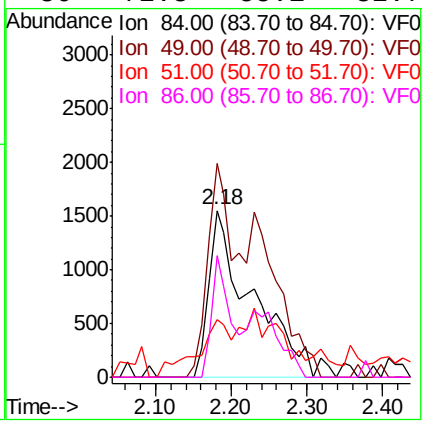


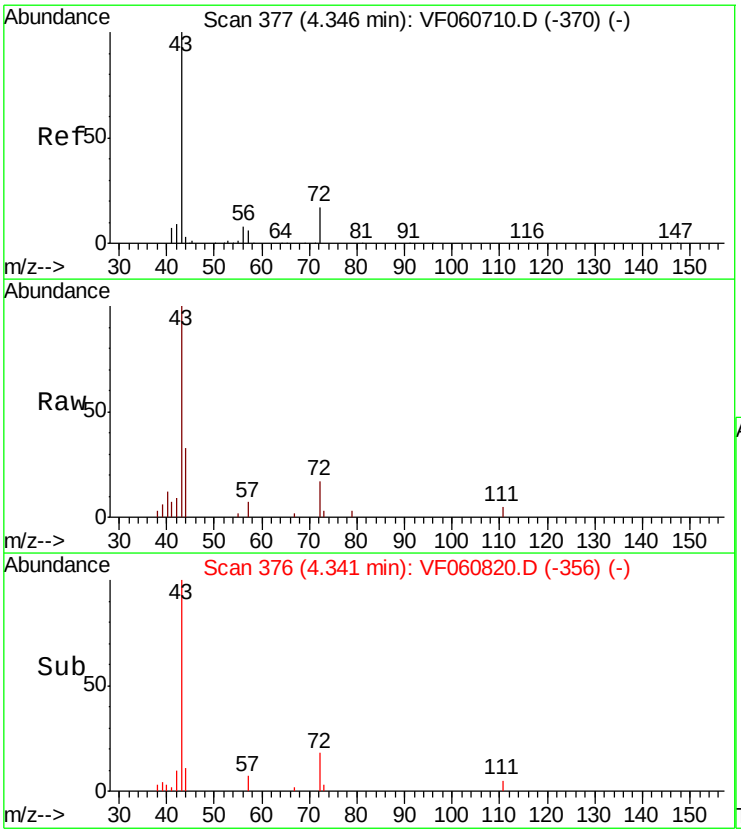
#20
Methylene Chloride
Concen: 1.635 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 6276

Ion	Ratio	Lower	Upper
84	100		
49	128.3	120.2	180.4
51	34.8	37.2	55.8#
86	72.8	55.1	82.7

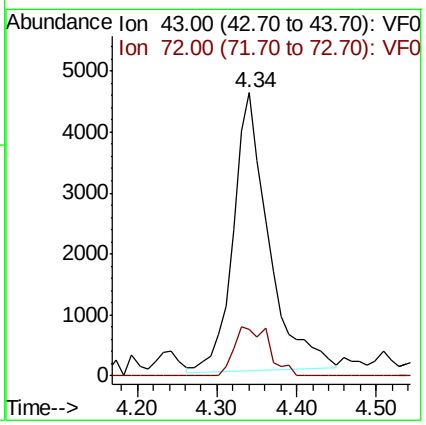


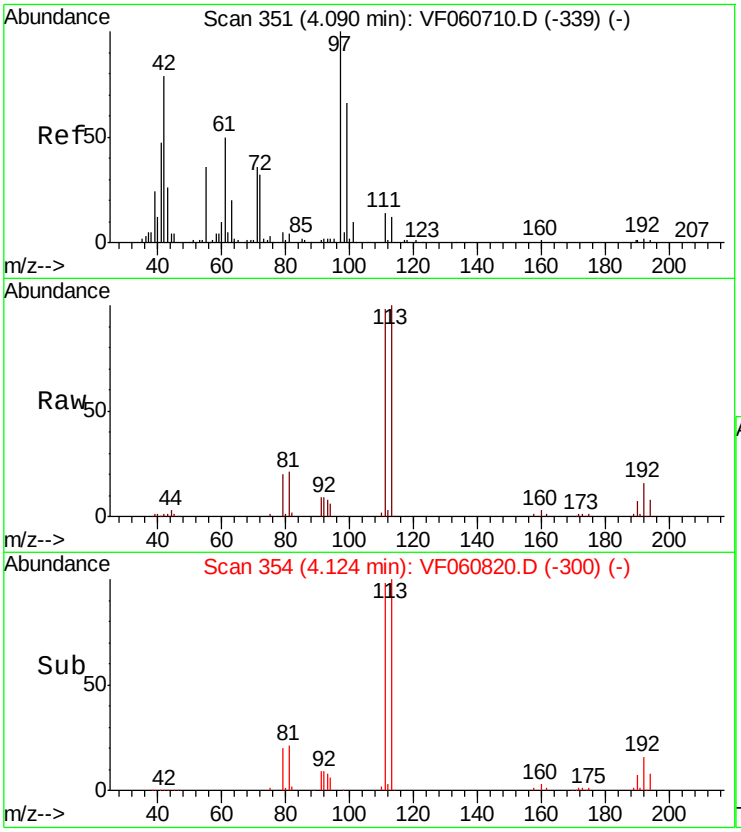


#25
2-Butanone
Concen: 20.037 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion: 43 Resp: 14136

Ion	Ratio	Lower	Upper
43	100		
72	16.6	16.1	24.1



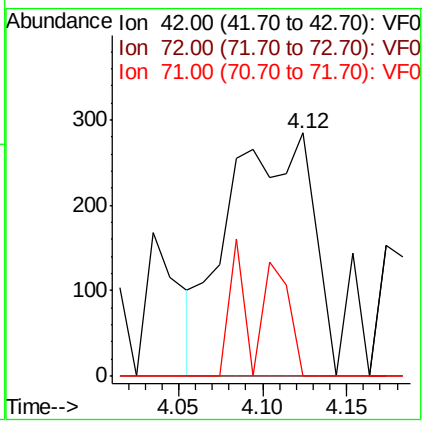


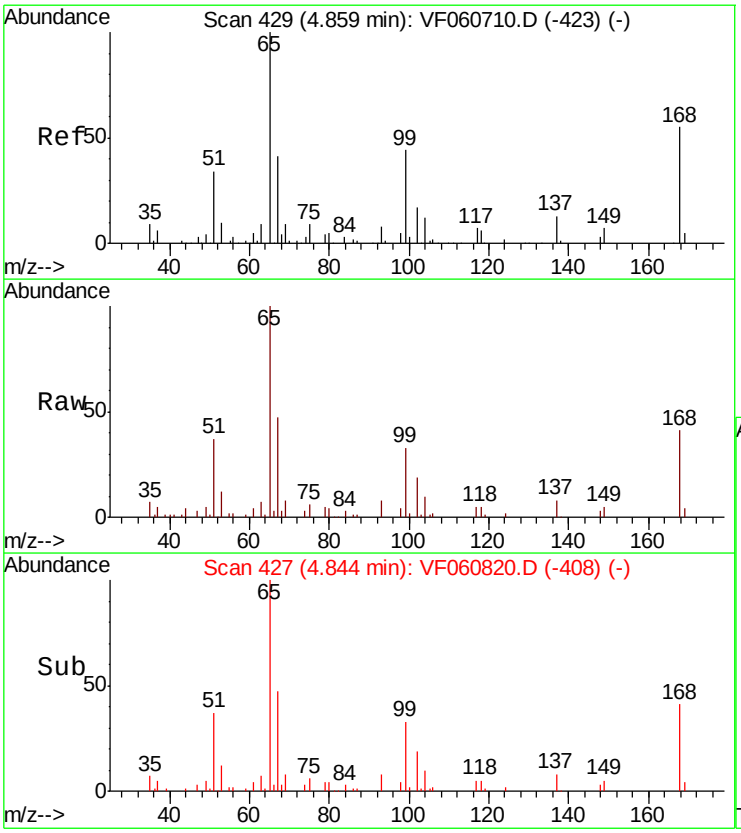
#29
Tetrahydrofuran
Concen: 3.374 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.03 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 982

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	14.6	32.2	48.2#

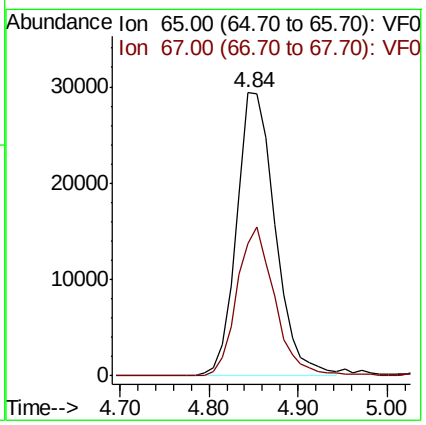


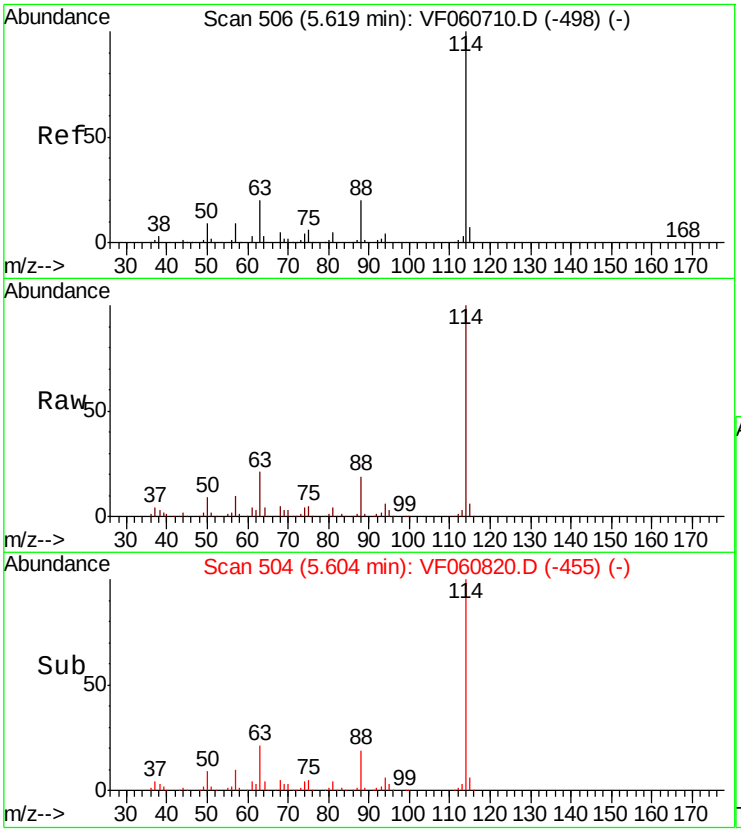


#33
1,2-Dichloroethane-d4
Concen: 44.026 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion: 65 Resp: 88347

Ion	Ratio	Lower	Upper
65	100		
67	46.9	0.0	90.2



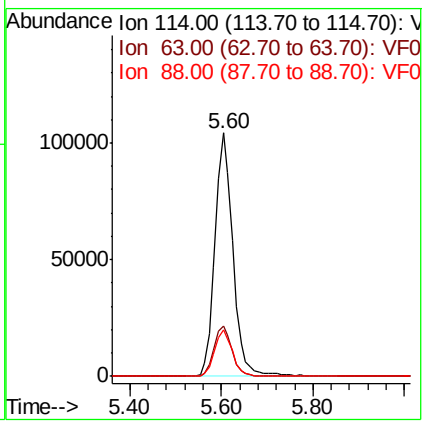


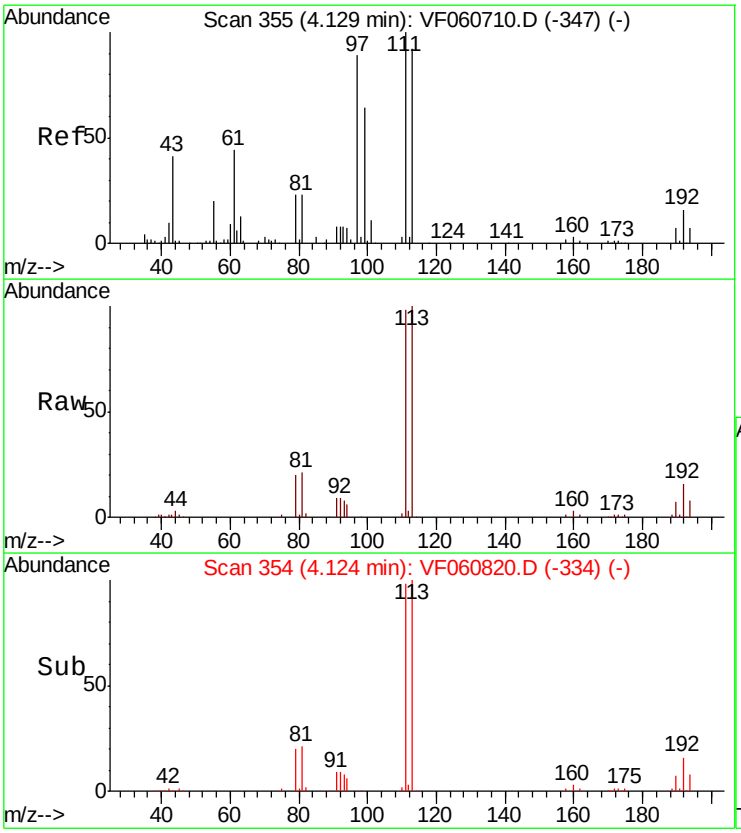
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.02 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 280731

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	19.0	0.0	39.6

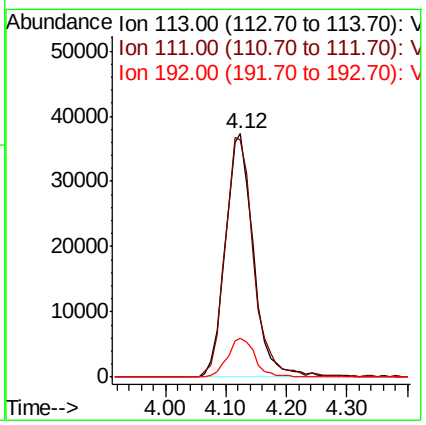


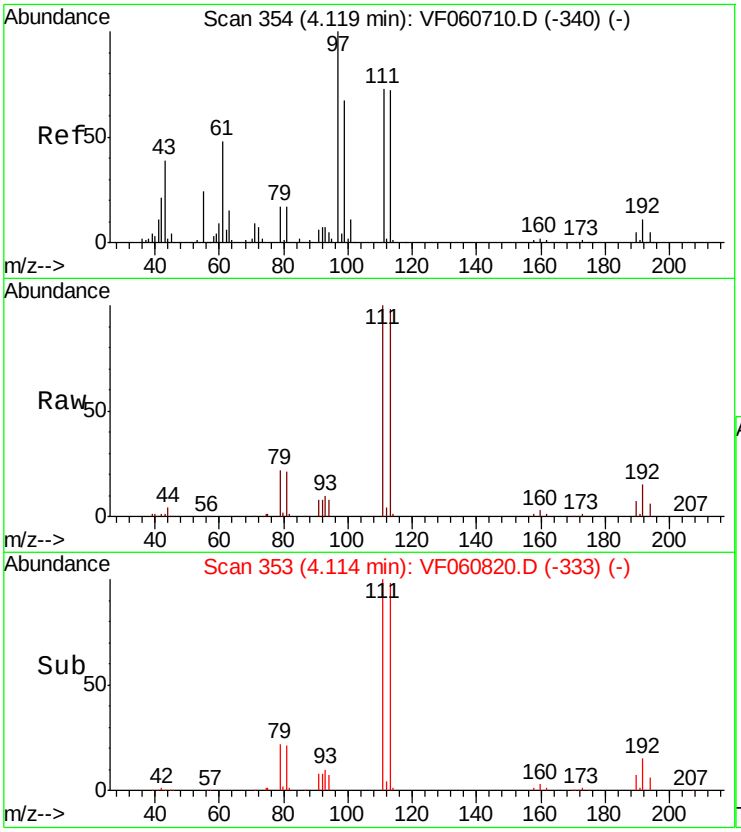


#35
Dibromofluoromethane
Concen: 56.617 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion:113 Resp: 119476

Ion	Ratio	Lower	Upper
113	100		
111	97.6	87.1	130.7
192	15.9	13.8	20.6



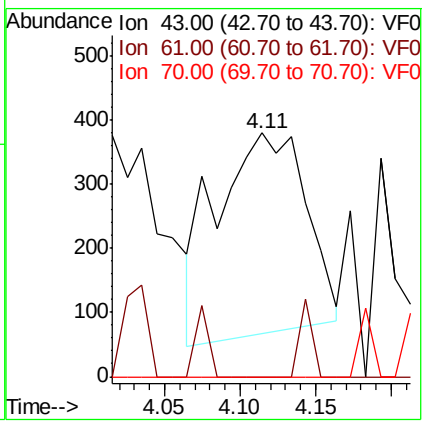


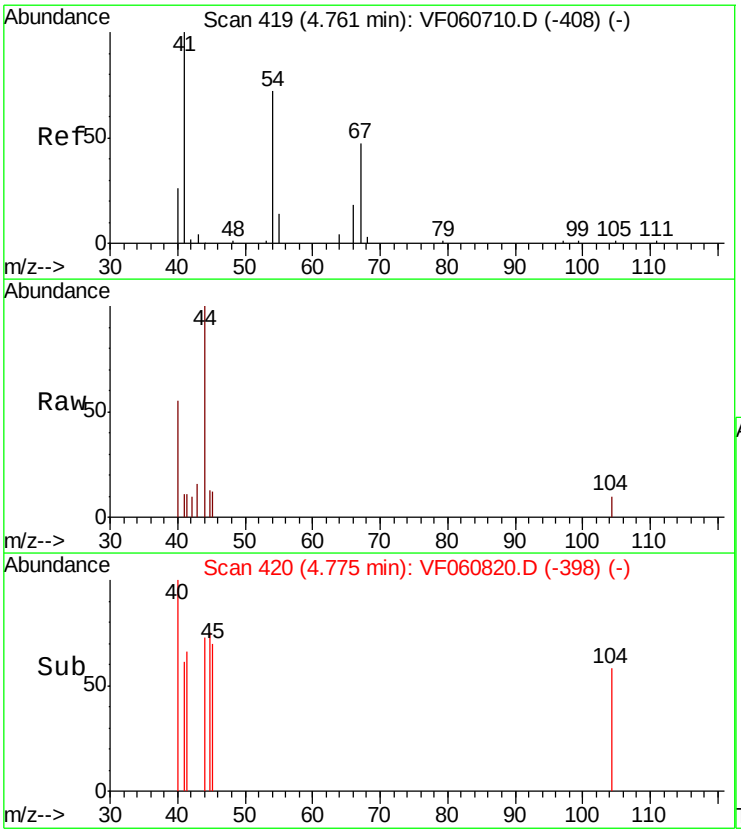
#37
Ethyl Acetate
Concen: 1.069 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1294

Ion	Ratio	Lower	Upper
43	100		
61	0.0	98.5	147.7#
70	0.0	7.4	11.0#

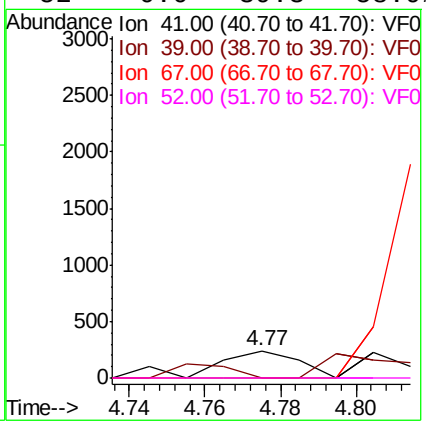


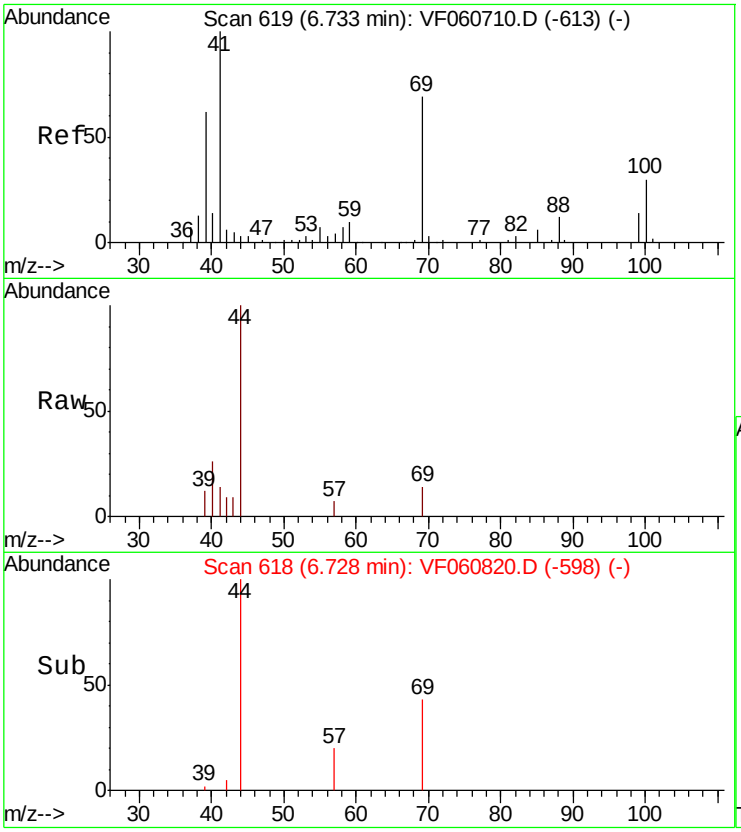


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.77 min Scan# 420
Delta R.T. 0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion: 41 Resp: 327

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#



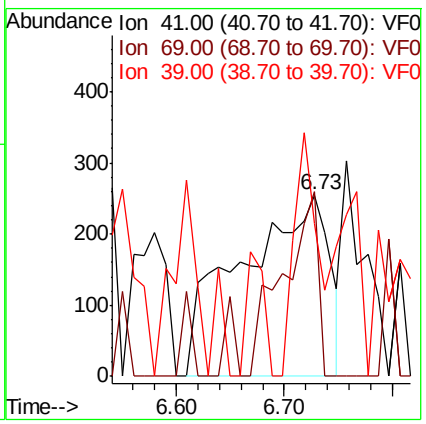


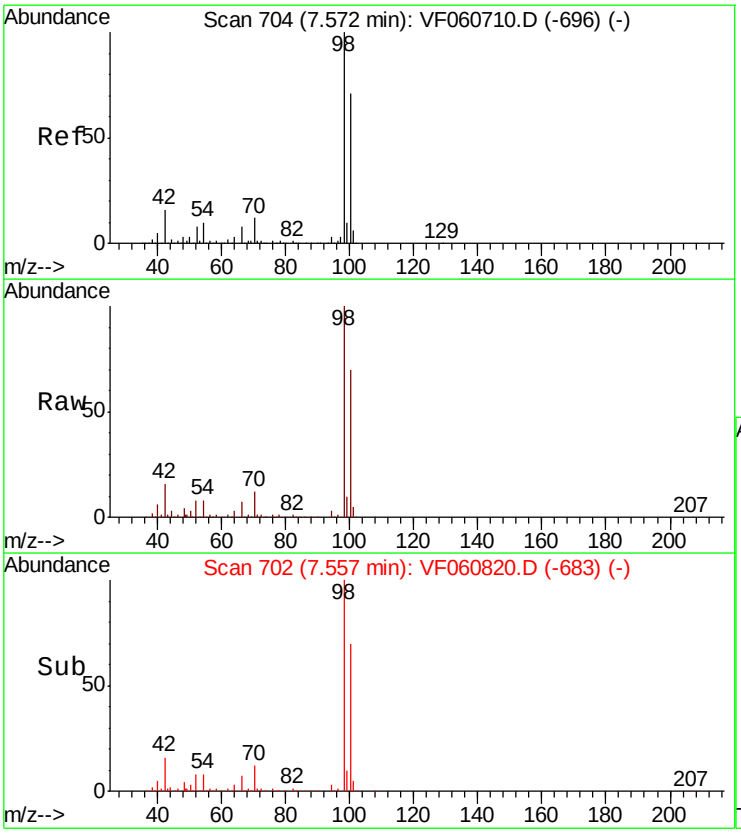
#48
Methyl methacrylate
Concen: 1.376 ug/l
RT: 6.73 min Scan# 618
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 1461

Ion	Ratio	Lower	Upper
41	100		
69	101.6	54.9	82.3#
39	84.3	49.6	74.4#

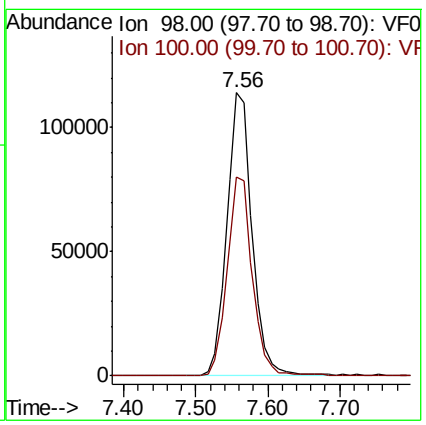


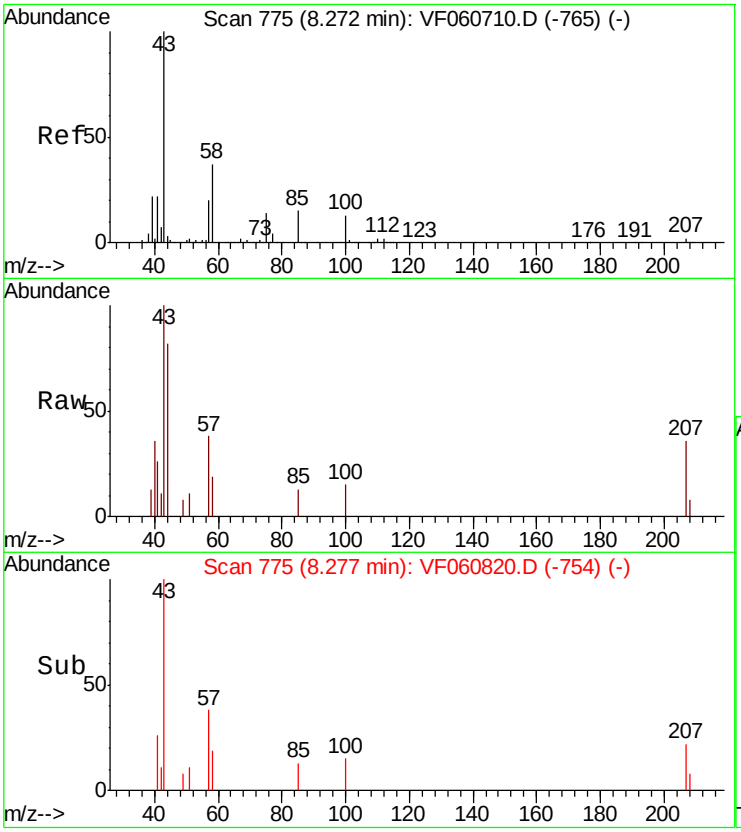


#50
Toluene-d8
Concen: 51.291 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion: 98 Resp: 277232

Ion	Ratio	Lower	Upper
98	100		
100	70.1	56.5	84.7



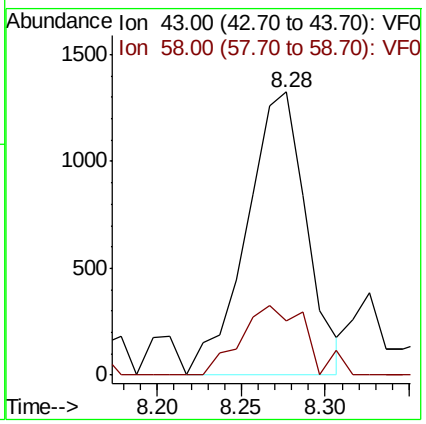


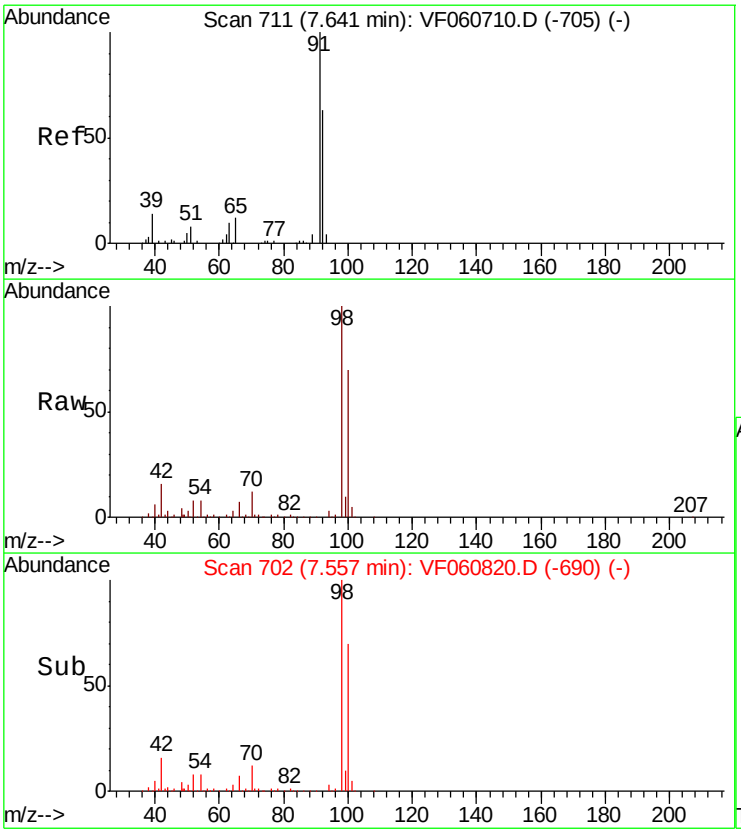
#51
4-Methyl-2-Pentanone
Concen: 2.822 ug/l
RT: 8.28 min Scan# 775
Delta R.T. 0.00 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3276

Ion	Ratio	Lower	Upper
43	100		
58	19.0	29.2	43.8#

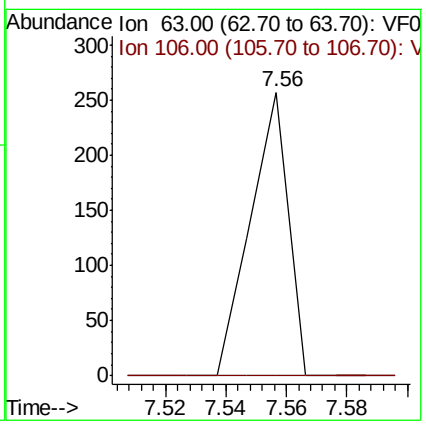


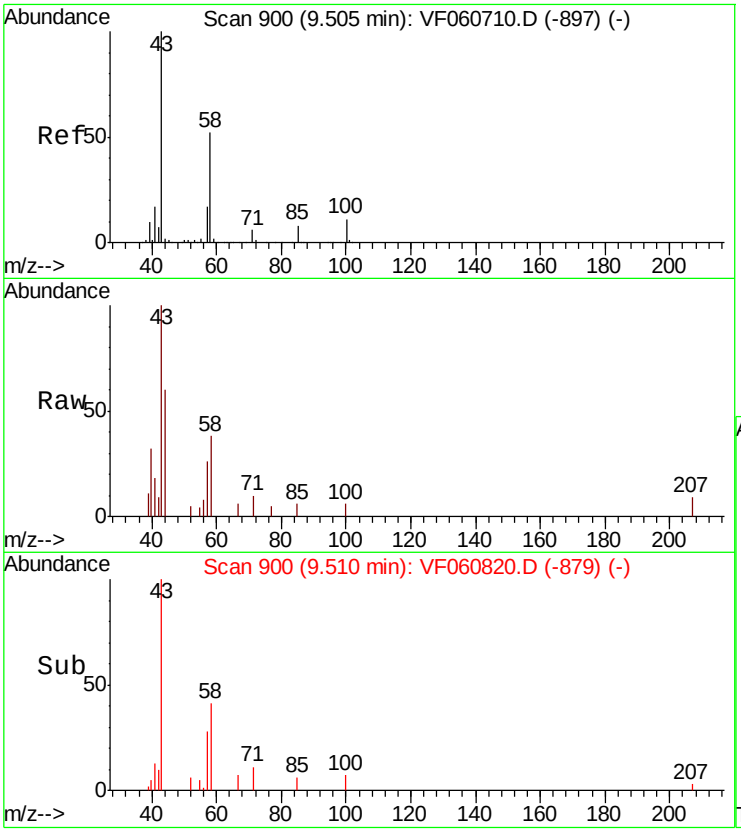


#58
2-Chloroethyl Vinyl ether
Concen: 1.568 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.08 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion: 63 Resp: 226

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



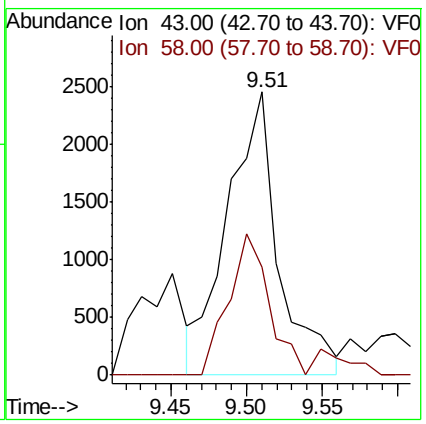


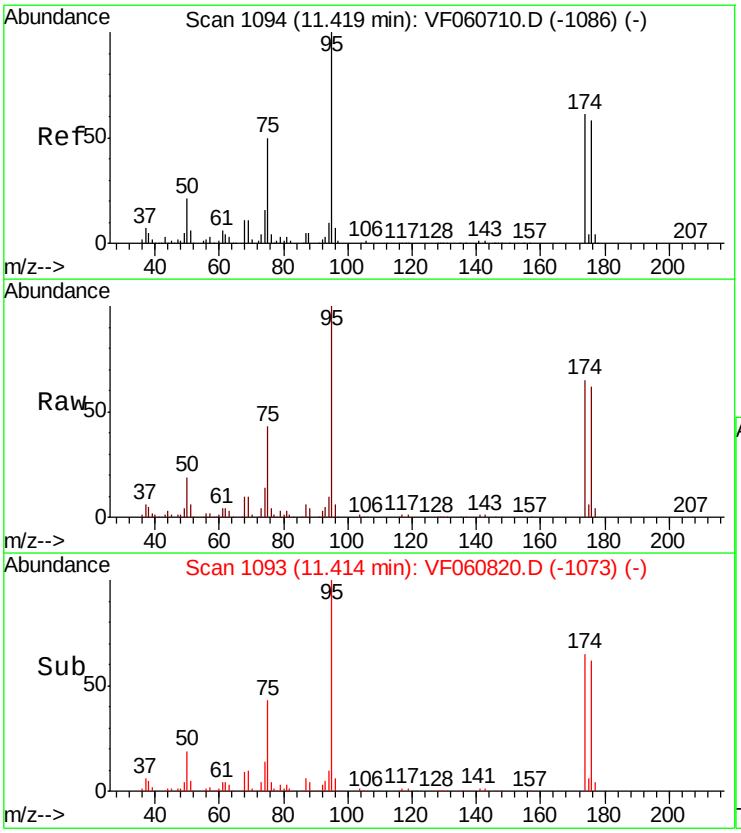
#59
2-Hexanone
Concen: 7.067 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.00 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5765

Ion	Ratio	Lower	Upper
43	100		
58	37.9	24.9	74.7

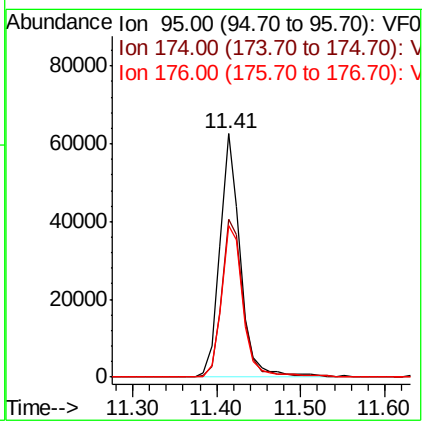


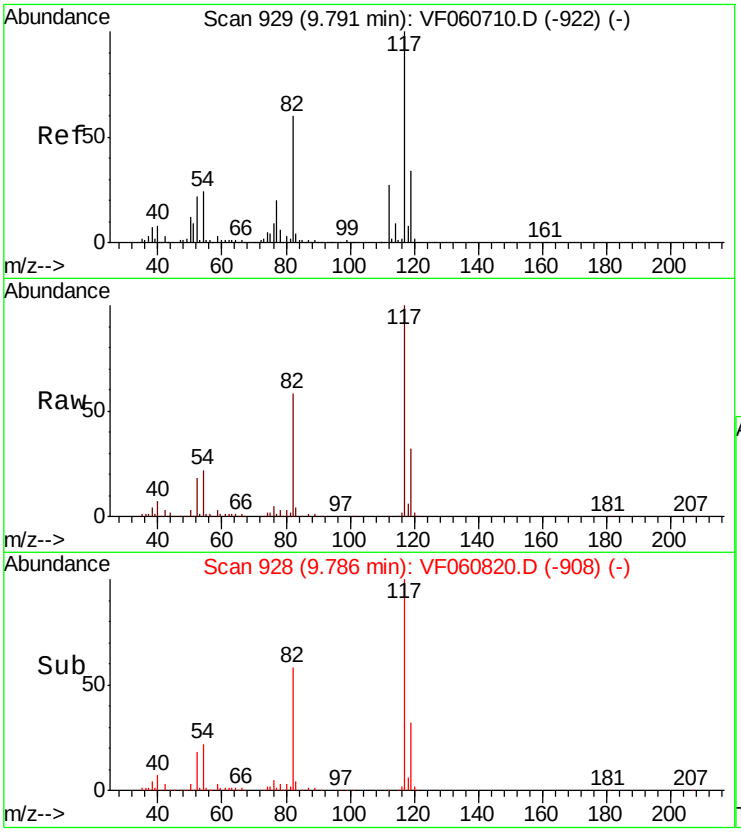


#62
4-Bromofluorobenzene
Concen: 41.625 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion: 95 Resp: 105638

Ion	Ratio	Lower	Upper
95	100		
174	64.8	0.0	121.6
176	62.3	0.0	115.2



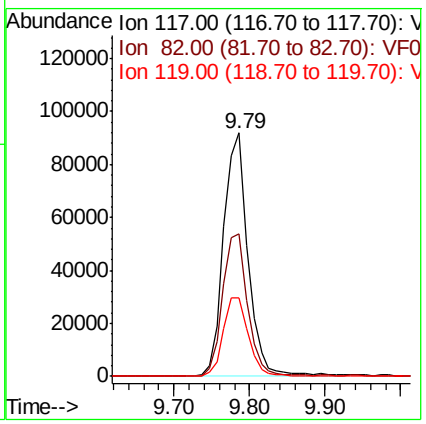


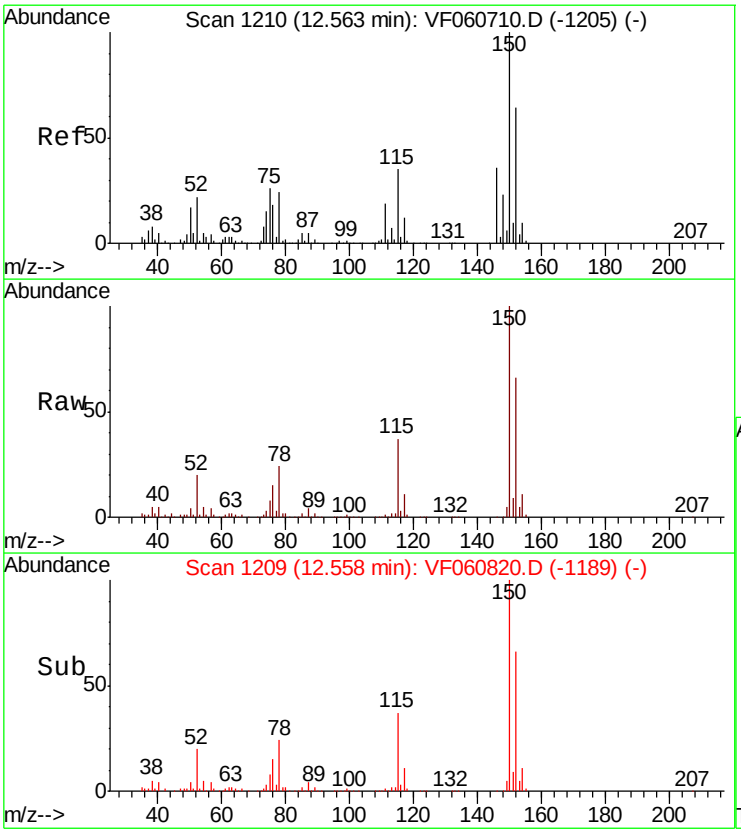
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 206681

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.9	71.9
119	32.3	26.8	40.2

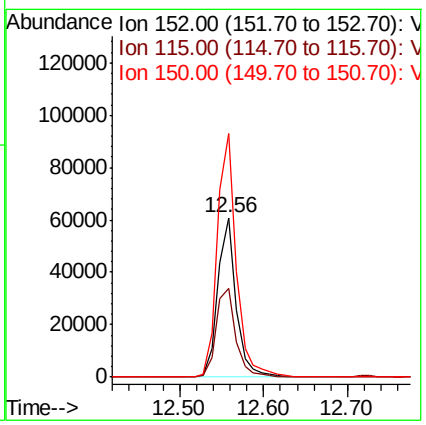


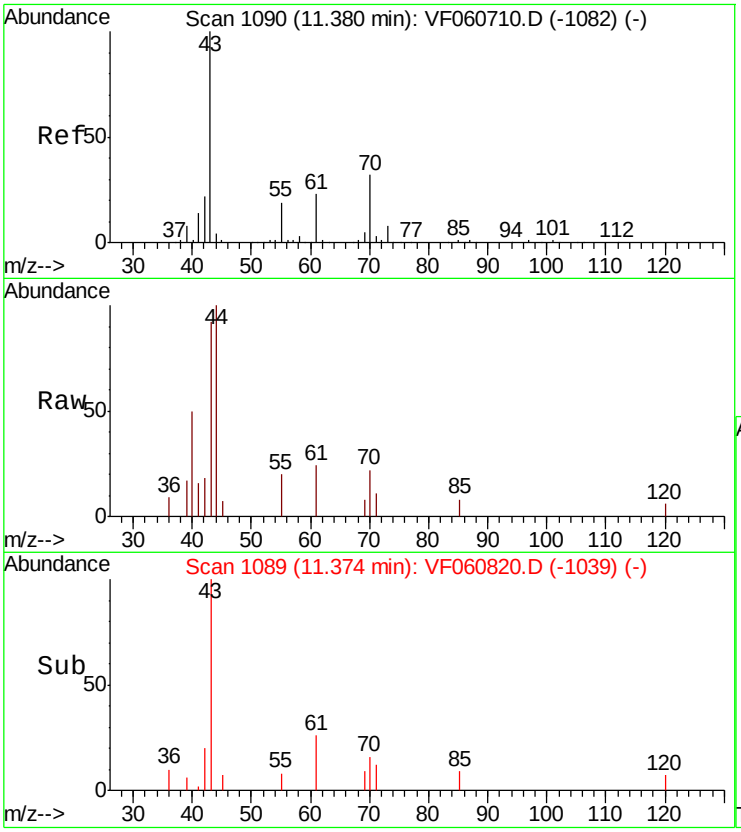


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion:152 Resp: 92773

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.9	83.7
150	152.5	0.0	316.4



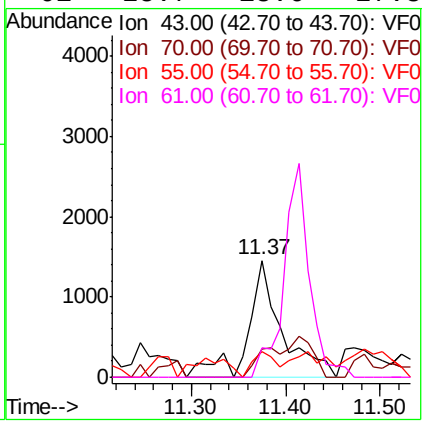


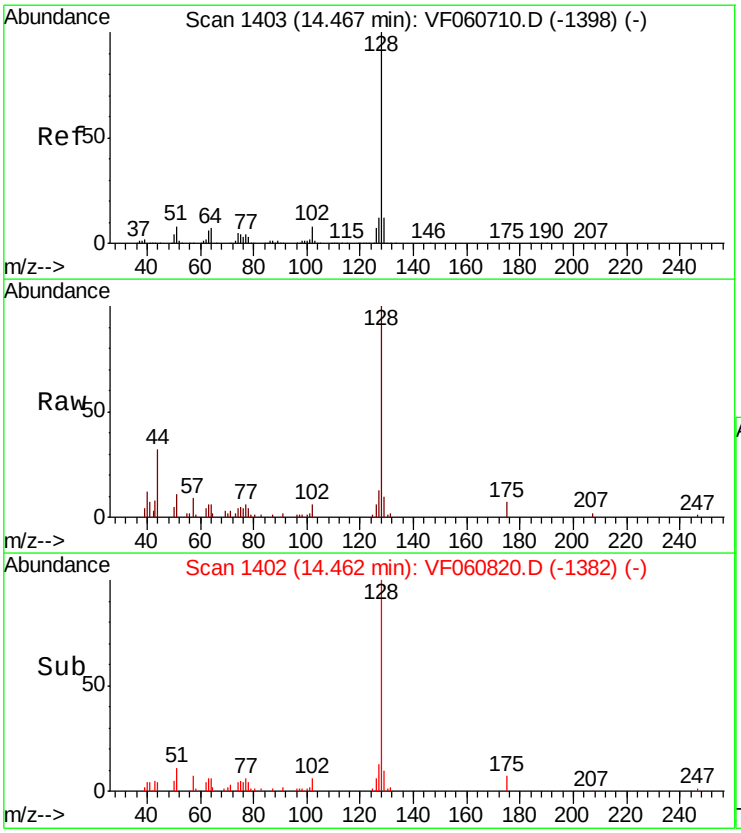
#74
N-amyl acetate
Concen: 2.153 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3660

Ion	Ratio	Lower	Upper
43	100		
70	24.2	25.5	38.3#
55	21.6	14.9	22.3
61	25.7	18.6	27.8





#95
Naphthalene
Concen: 3.650 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion:128 Resp: 13943

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.8	14.6
129	10.0	9.3	13.9