Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111218\

Quantitation Report (Not Reviewed)

Data File : VF060700.D
Acq On : 12 Nov 2018 22:53
Operator : VA/AP
Sample : J5908-07RE
Misc : 5.87g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SR-3-SRE

Quant Time: Nov 13 04:20:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	230513	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	396279	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	287105	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	89293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	135582	58.21	ug/l	-0.01
Spiked Amount 50.000			Recovery = 116.42%			
35) Dibromofluoromethane	4.10	113	149319	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.54%			
50) Toluene-d8	7.55	98	328983	36.27	ug/l	-0.01
Spiked Amount 50.000			Recovery = 72.54%			
62) 4-Bromofluorobenzene	11.40	95	115807	29.19	ug/l	-0.01
Spiked Amount 50.000			Recovery = 58.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	208	Below Cal	#	41
6) Chloroethane	1.29	64	59	Below Cal	#	1
11) Tert butyl alcohol	2.56	59	256	Below Cal	#	1
13) Acrolein	2.01	56	274	Below Cal	#	31
15) Acrylonitrile	2.98	53	780	2.810	ug/l #	40
16) Acetone	2.23	43	7294	13.291	ug/l #	85
18) Methyl Acetate	2.38	43	1296	1.985	ug/l #	64
20) Methylene Chloride	2.17	84	6329	Below Cal		93
25) 2-Butanone	4.31	43	229	Below Cal	#	56
29) Tetrahydrofuran	4.05	42	716	Below Cal	#	80
51) 4-Methyl-2-Pentanone	8.27	43	3071	1.724	ug/l #	86
58) 2-Chloroethyl Vinyl ether	7.61	63	495	Below Cal		100
59) 2-Hexanone	9.49	43	2058	Below Cal		91
68) m/p-Xylenes	10.12	106	7617	1.898	ug/l	76
69) o-Xylene	10.70	106	4630	1.056	ug/l	83
74) N-amyl acetate	11.37	43	481	Below Cal	#	67
84) 1,2,4-Trimethylbenzene	12.20	105	10387	1.848	ug/l	92
95) Naphthalene	14.45	128	4680	1.230	ug/l #	86

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

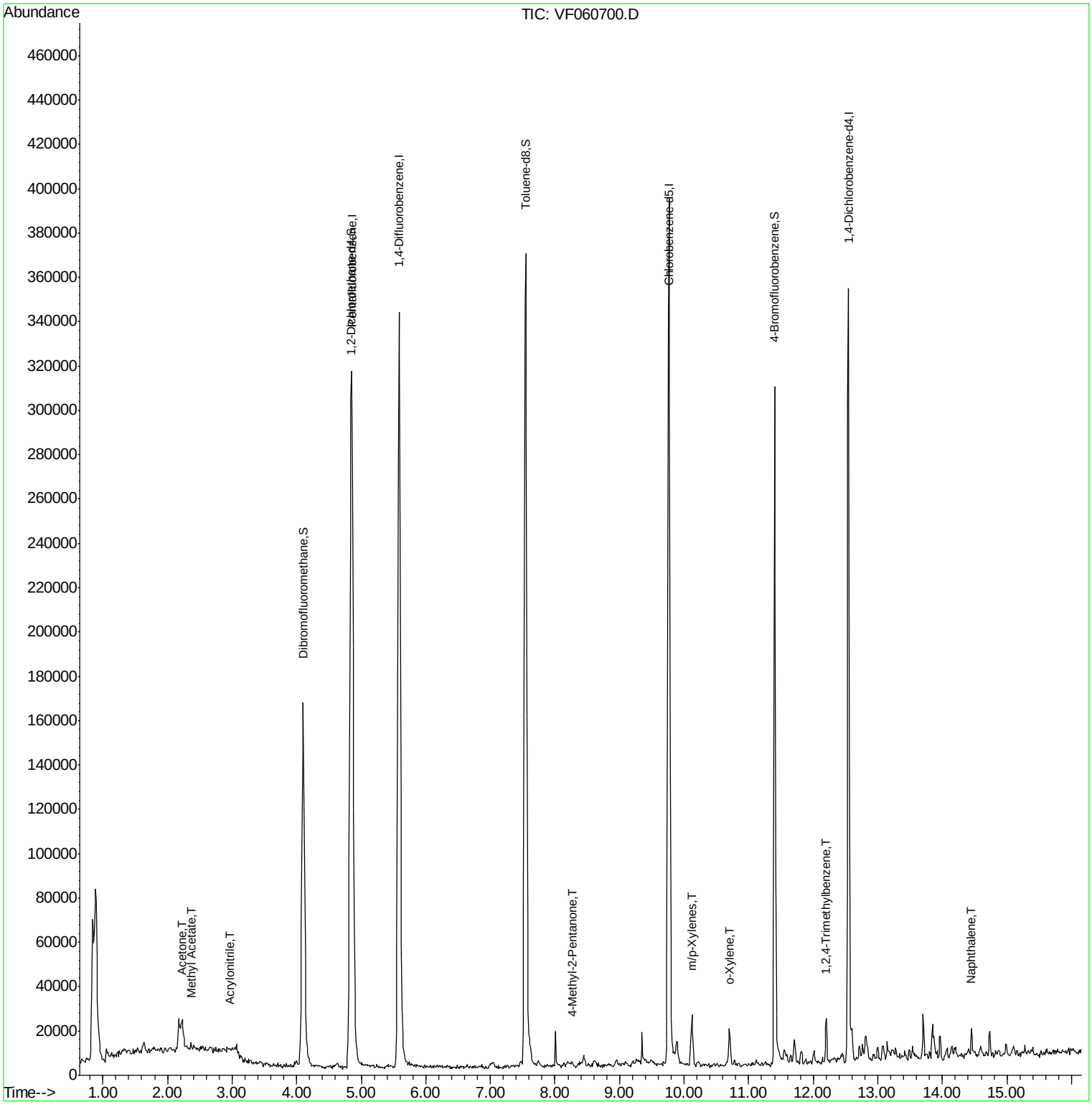
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111218\

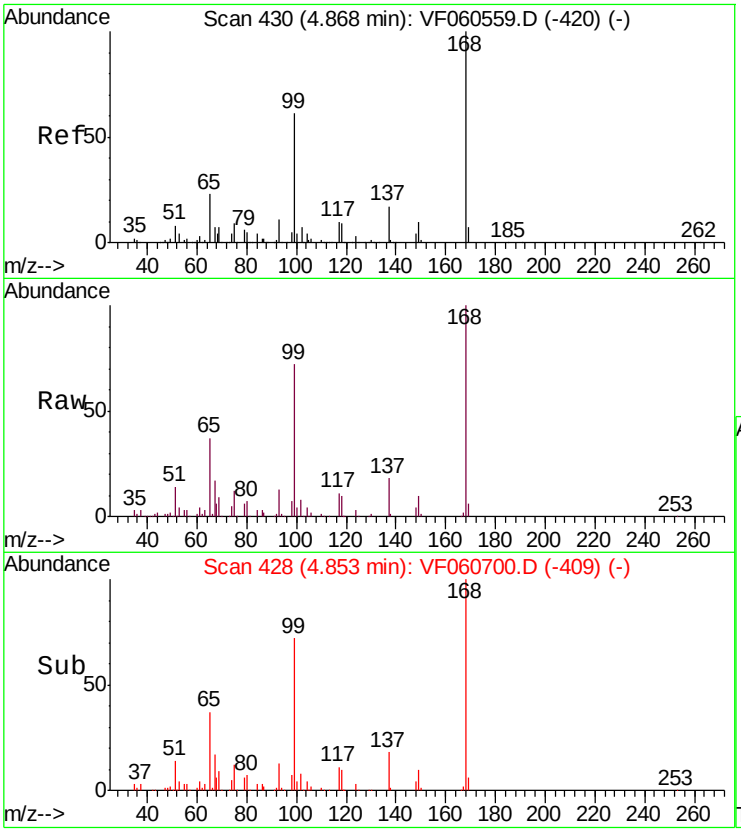
Quantitation Report (Not Reviewed)

Data File : VF060700.D
Acq On : 12 Nov 2018 22:53
Operator : VA/AP
Sample : J5908-07RE
Misc : 5.87g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Quant Time: Nov 13 04:20:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration



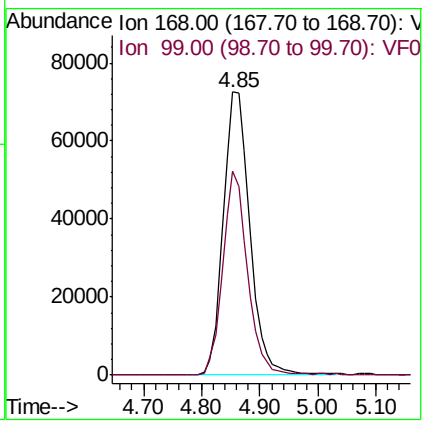


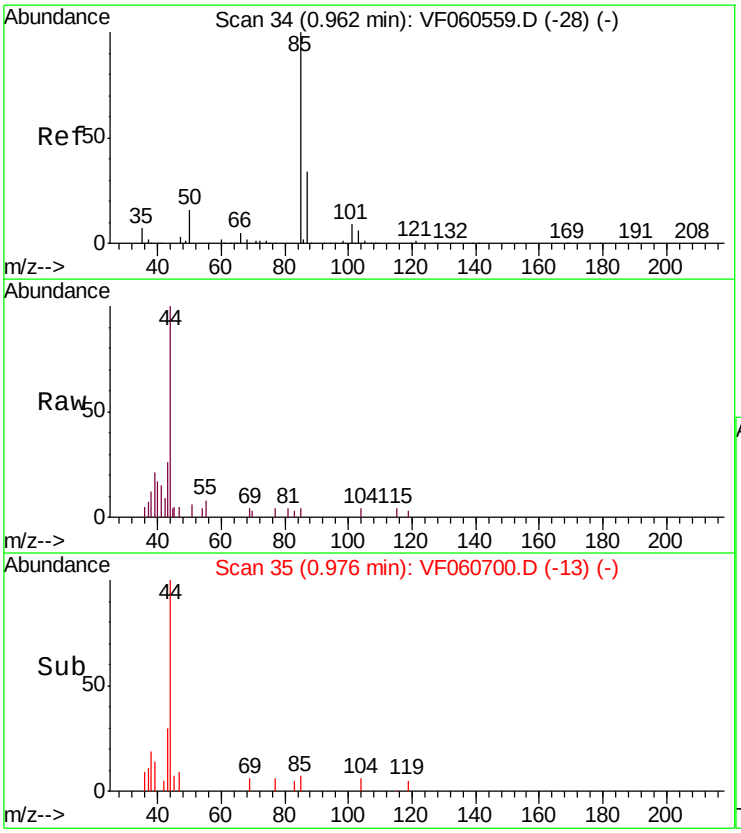
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tgt Ion:168 Resp: 230513

Ion	Ratio	Lower	Upper
168	100		
99	72.2	48.6	72.8

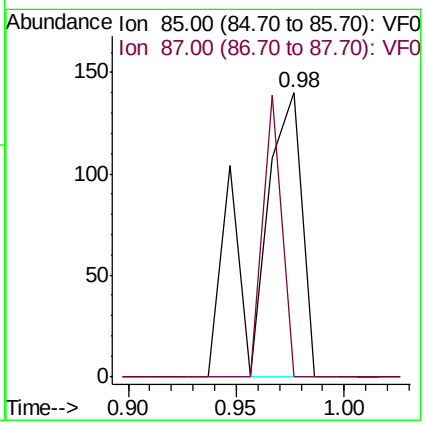


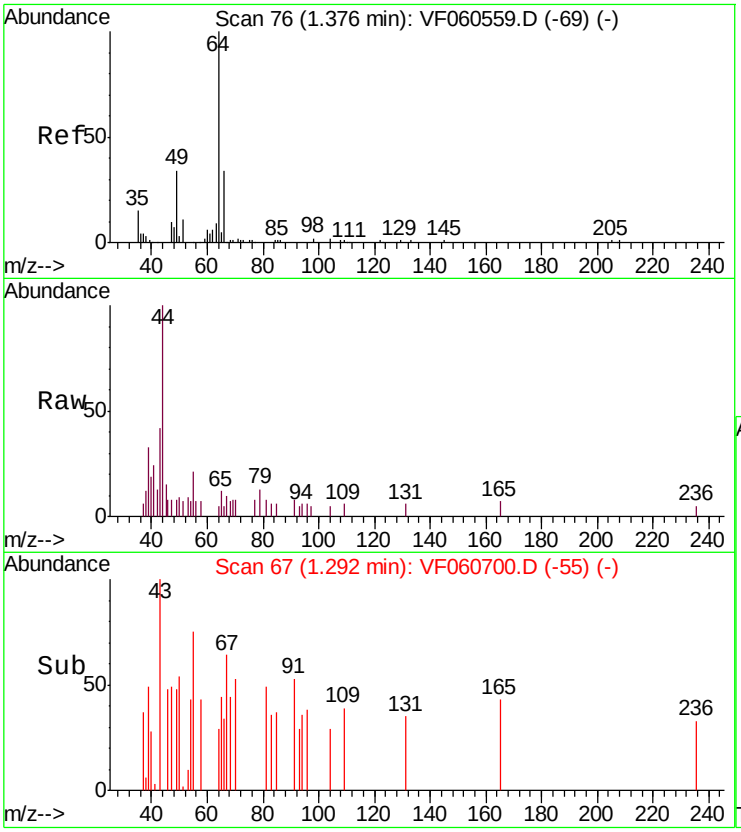


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.98 min Scan# 35
Delta R.T. 0.02 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion: 85 Resp: 208

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



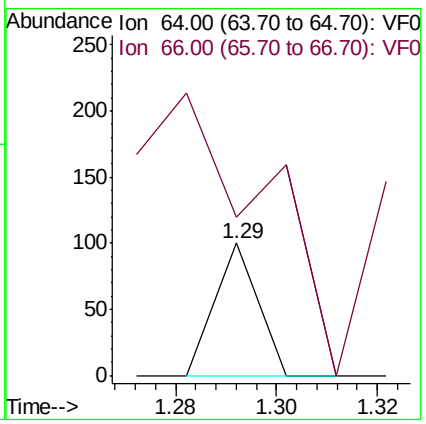


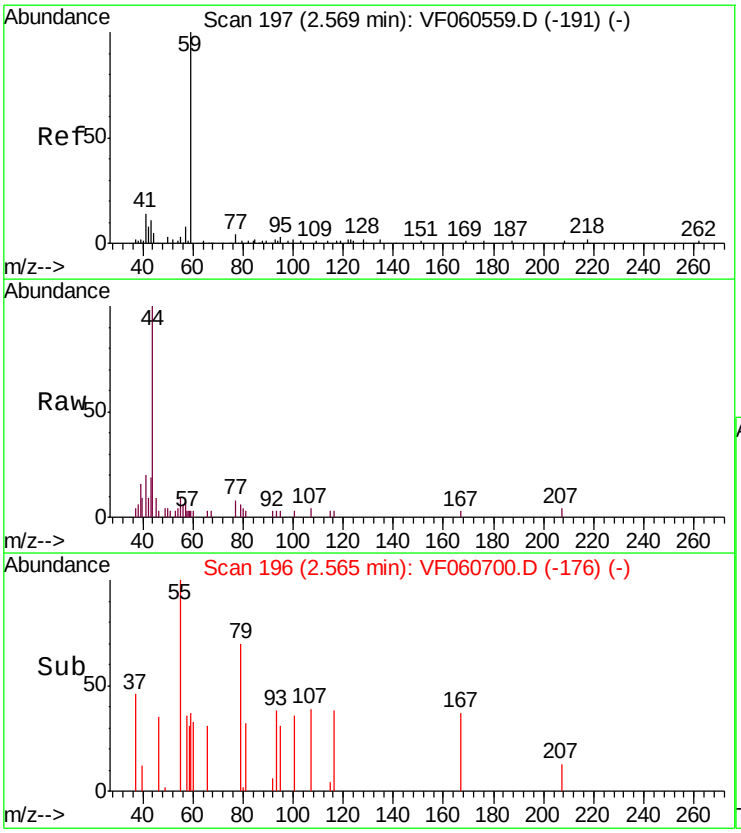
#6
Chloroethane
Concen: Below Cal
RT: 1.29 min Scan# 67
Delta R.T. -0.08 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tgt Ion: 64 Resp: 59

Ion	Ratio	Lower	Upper
64	100		
66	120.0	27.8	41.8#

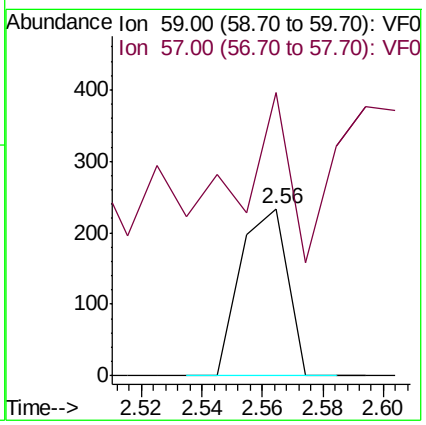


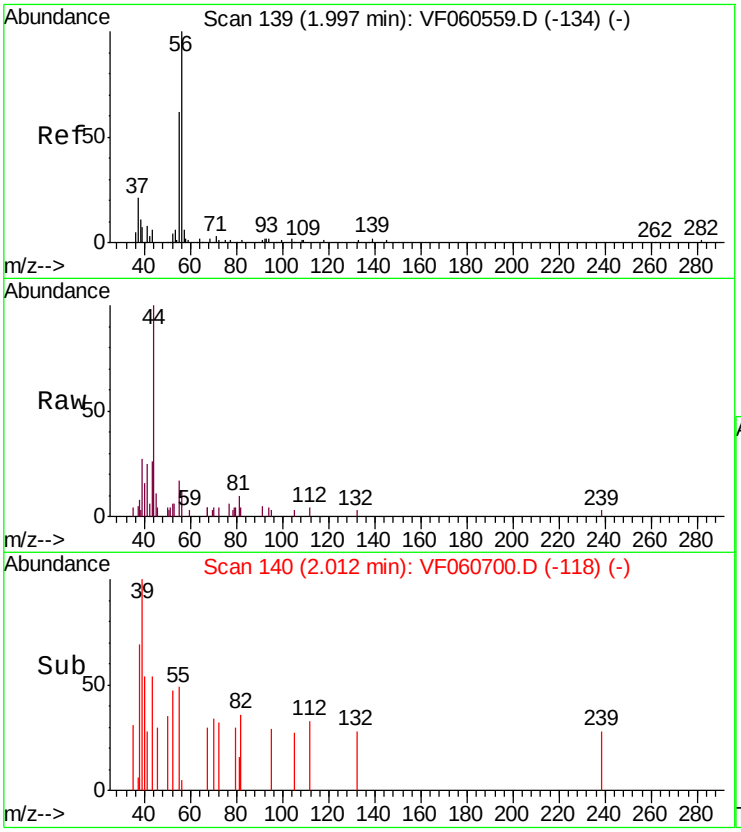


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.56 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion: 59 Resp: 256

Ion	Ratio	Lower	Upper
59	100		
57	169.2	19.0	28.4#



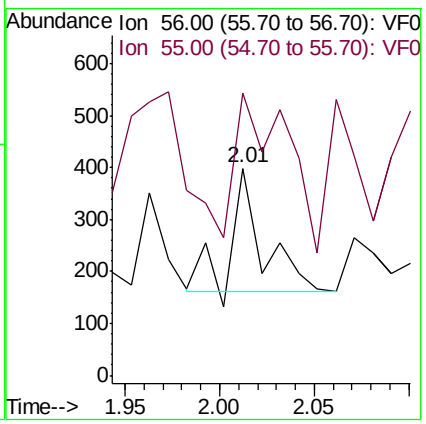


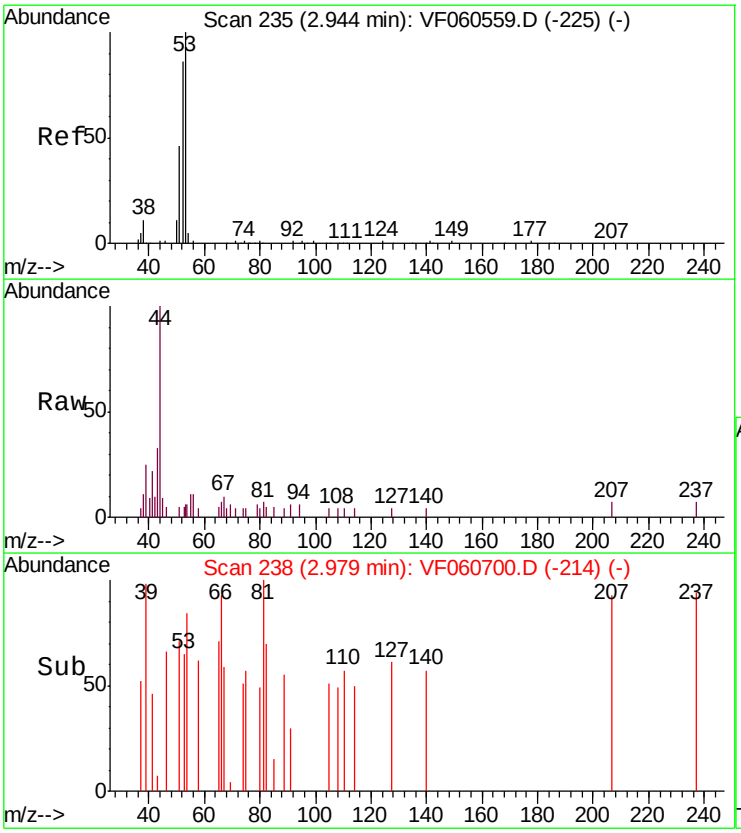
#13
Acrolein
Concen: Below Cal
RT: 2.01 min Scan# 140
Delta R.T. 0.02 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument : MSVOA_F
ClientSampleId : SR-3-SRE

Tgt Ion: 56 Resp: 274

Ion	Ratio	Lower	Upper
56	100		
55	136.7	61.8	92.6#

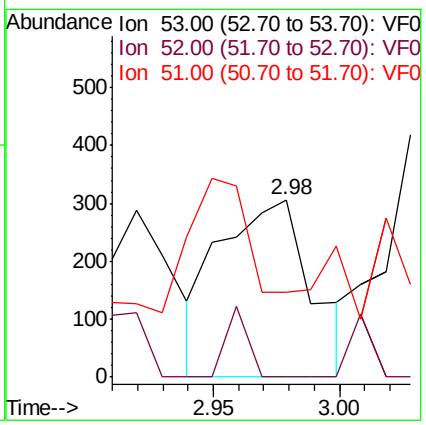


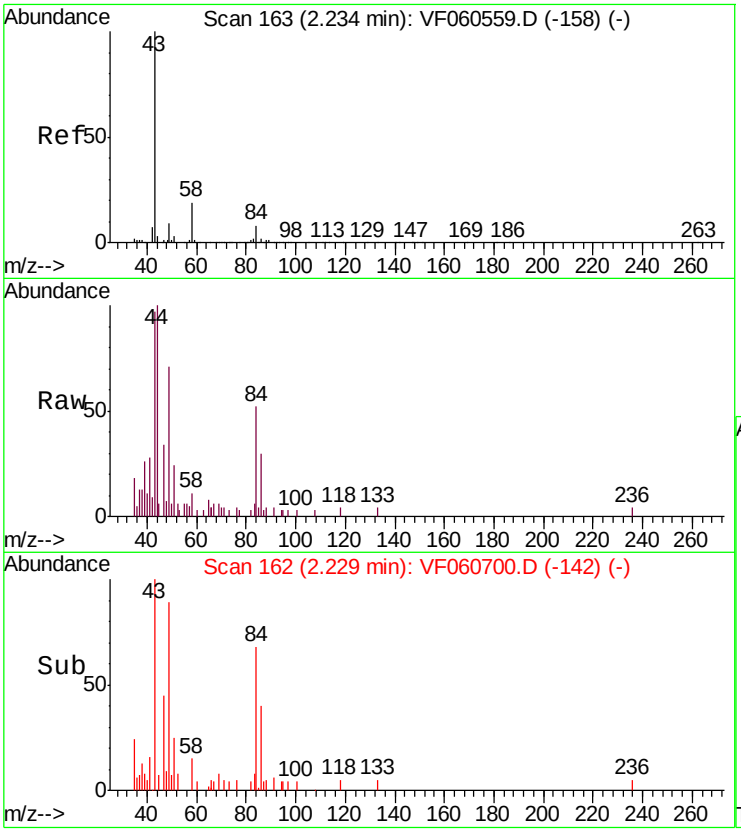


#15
Acrylonitrile
Concen: 2.810 ug/l
RT: 2.98 min Scan# 238
Delta R.T. 0.03 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion: 53 Resp: 780

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	48.0	38.2	57.2



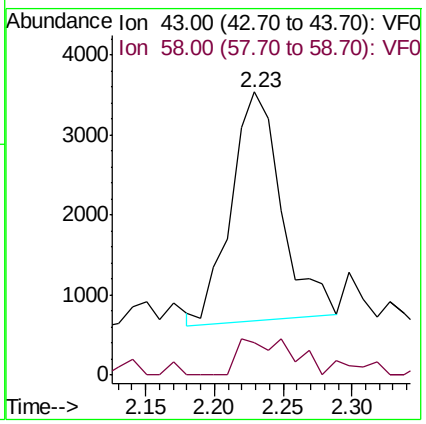


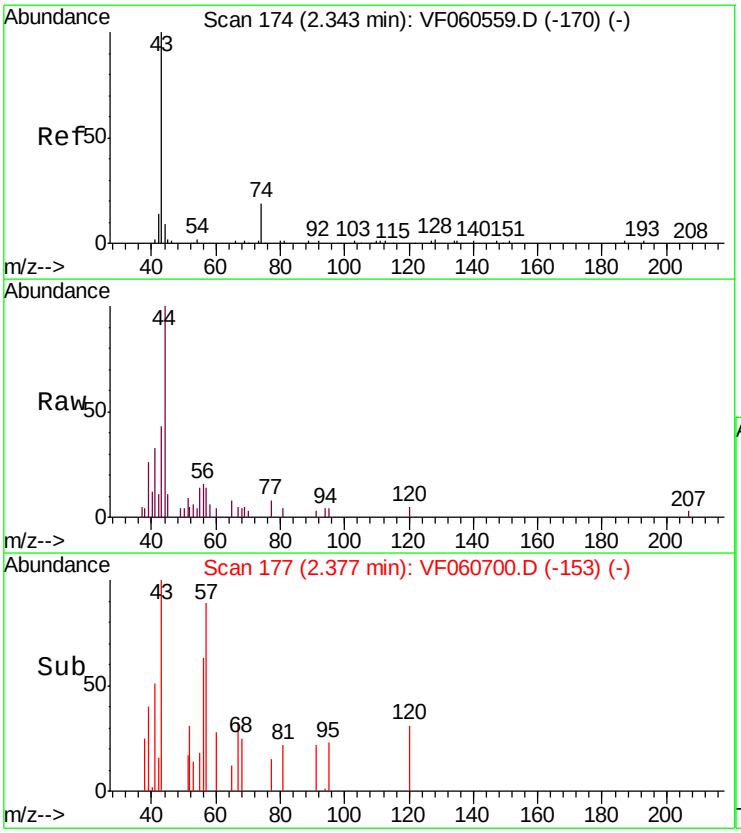
#16
Acetone
Concen: 13.291 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.00 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tgt Ion: 43 Resp: 7294

Ion	Ratio	Lower	Upper
43	100		
58	11.6	14.6	22.0#

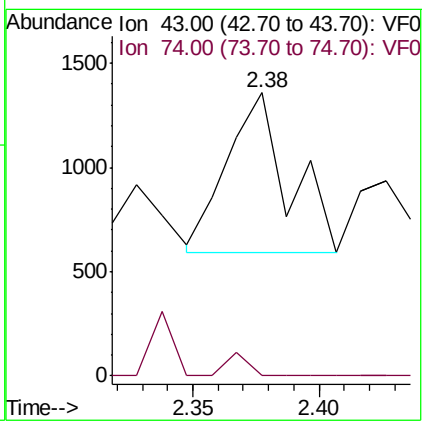


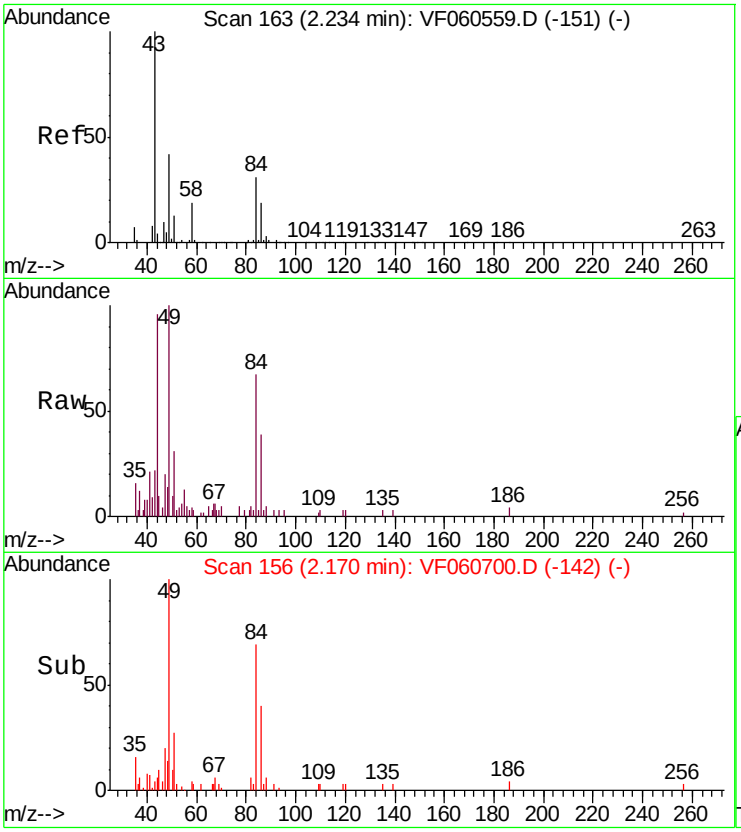


#18
Methyl Acetate
Concen: 1.985 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.04 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion: 43 Resp: 1296

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



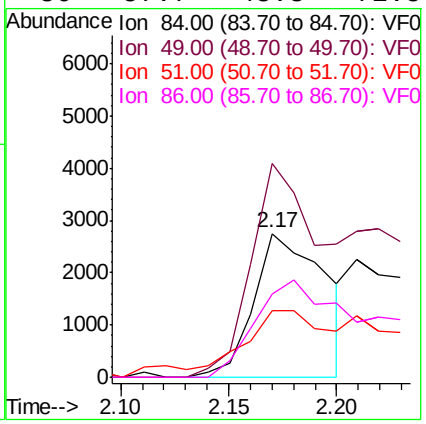


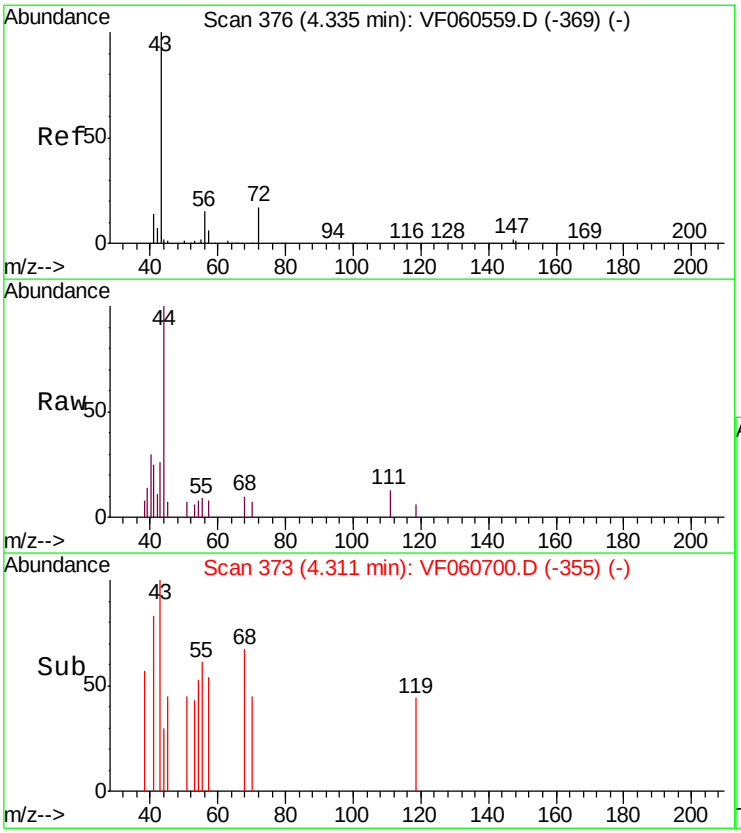
#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.06 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tgt Ion: 84 Resp: 6329

Ion	Ratio	Lower	Upper
84	100		
49	148.7	109.9	164.9
51	46.0	35.8	53.8
86	57.7	48.3	72.5

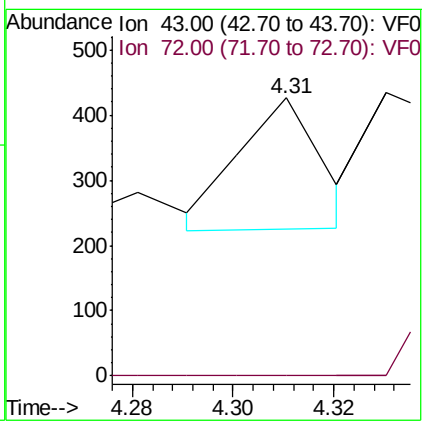


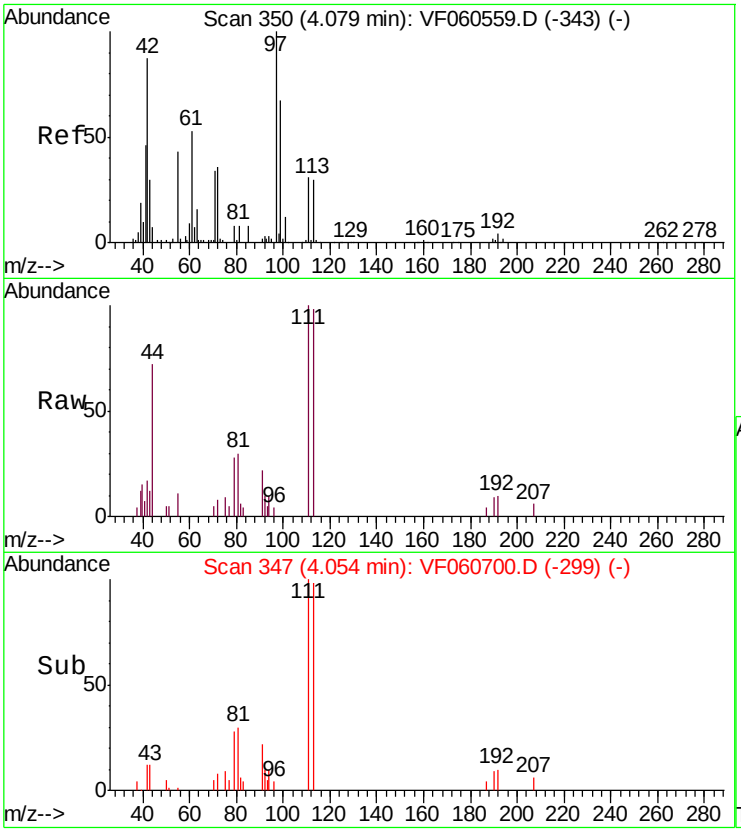


#25
2-Butanone
Concen: Below Cal
RT: 4.31 min Scan# 373
Delta R.T. -0.02 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion: 43 Resp: 229

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#



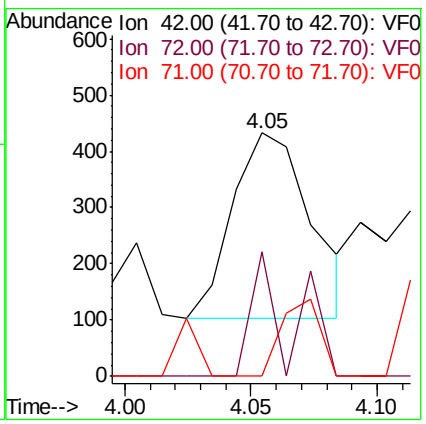


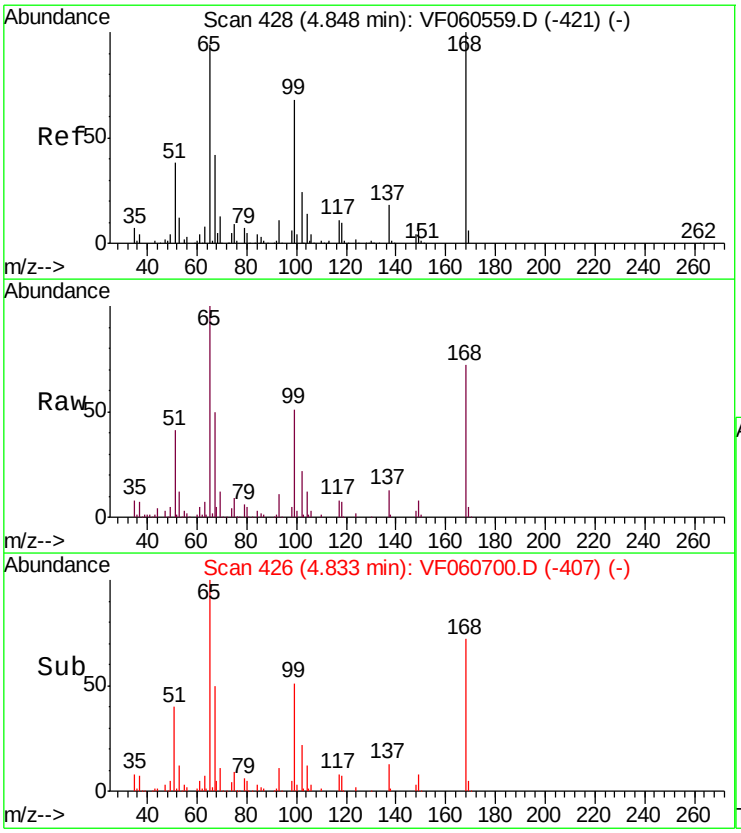
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.05 min Scan# 347
Delta R.T. -0.02 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tgt Ion: 42 Resp: 716

Ion	Ratio	Lower	Upper
42	100		
72	33.8	31.4	47.0
71	20.7	31.8	47.6#

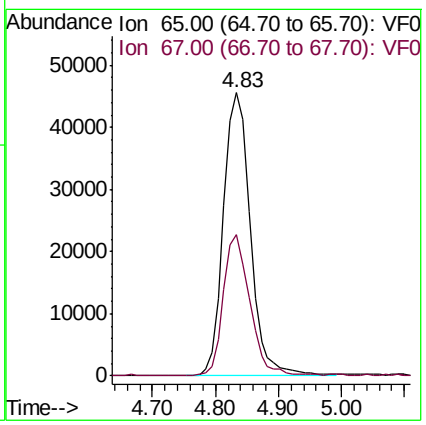


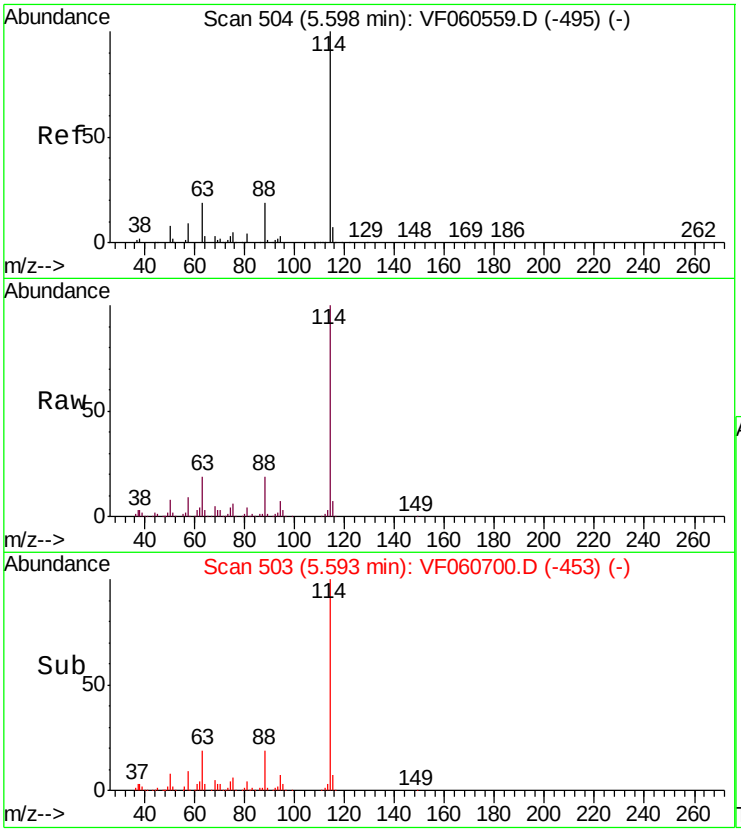


#33
1,2-Dichloroethane-d4
Concen: 58.214 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion: 65 Resp: 135582

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.8



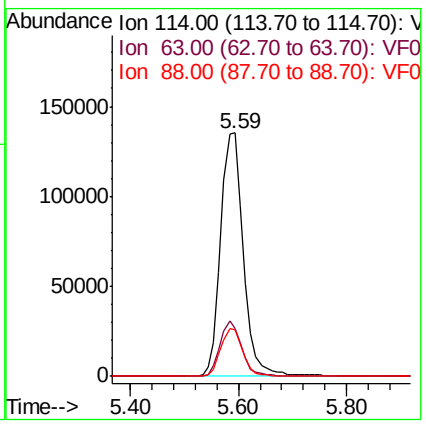


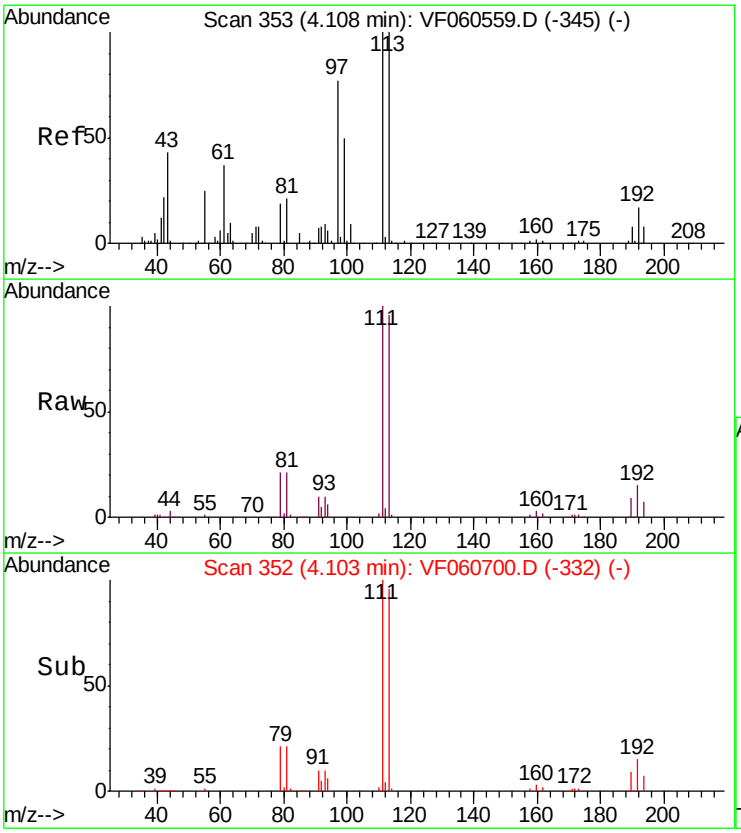
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.00 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument : MSVOA_F
ClientSampleId : SR-3-SRE

Tgt Ion:114 Resp: 396279

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.0
88	19.1	0.0	38.2

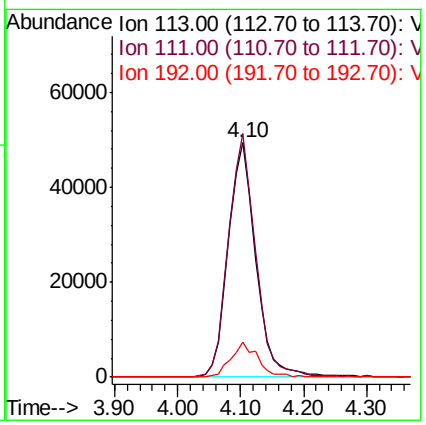


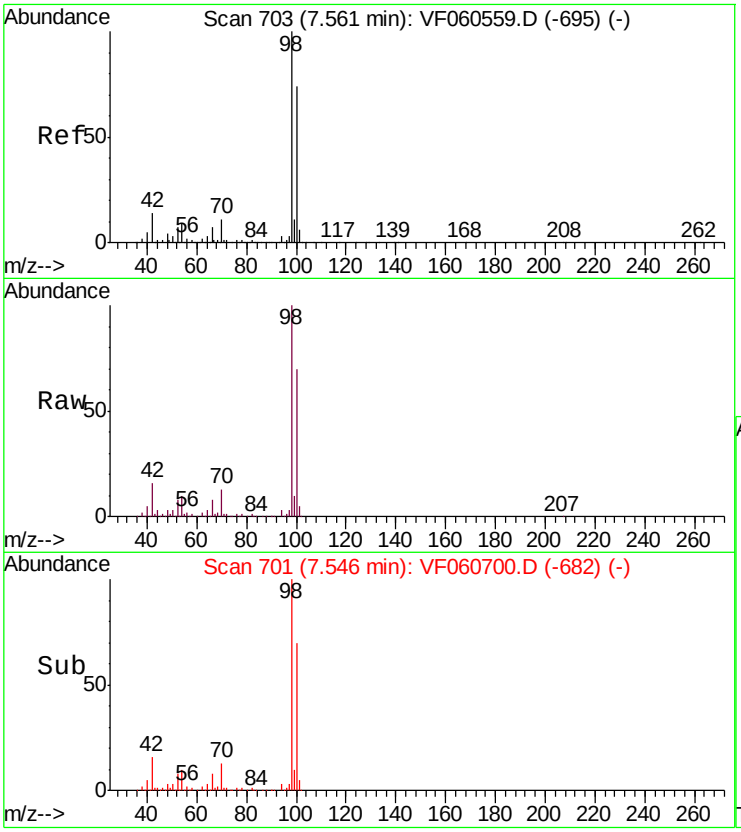


#35
Dibromofluoromethane
Concen: 48.771 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion:113 Resp: 149319

Ion	Ratio	Lower	Upper
113	100		
111	103.9	79.9	119.9
192	15.1	13.3	19.9



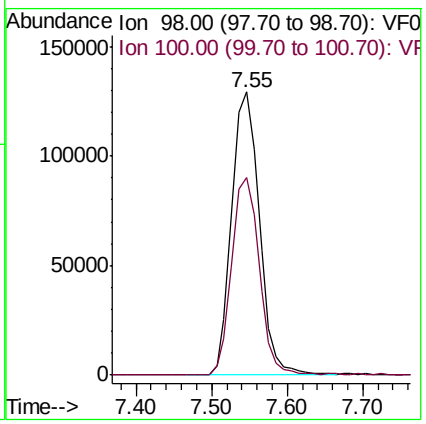


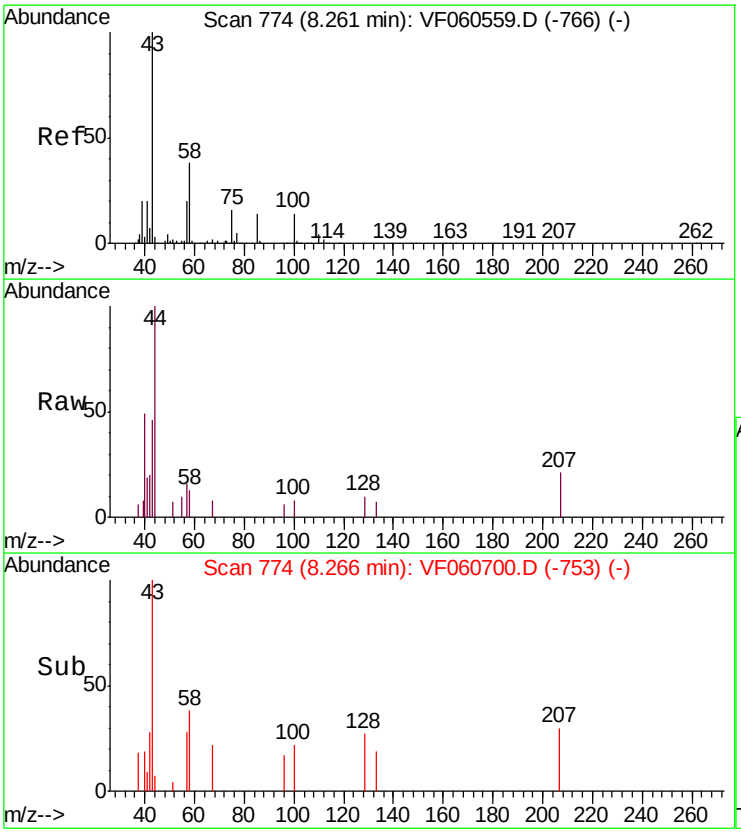
#50
Toluene-d8
Concen: 36.274 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tgt Ion: 98 Resp: 328983

Ion	Ratio	Lower	Upper
98	100		
100	69.8	59.4	89.2

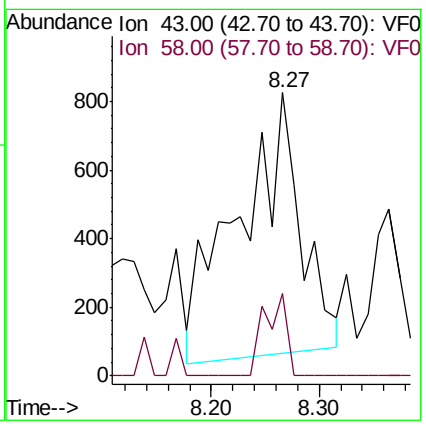


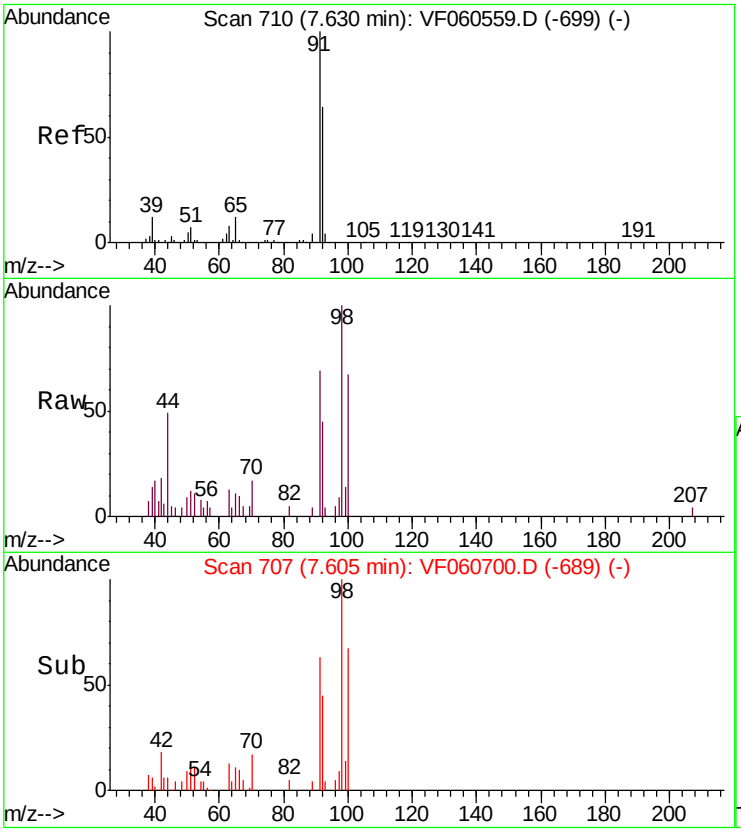


#51
4-Methyl-2-Pentanone
Concen: 1.724 ug/l
RT: 8.27 min Scan# 774
Delta R.T. 0.00 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion: 43 Resp: 3071

Ion	Ratio	Lower	Upper
43	100		
58	29.2	30.1	45.1#



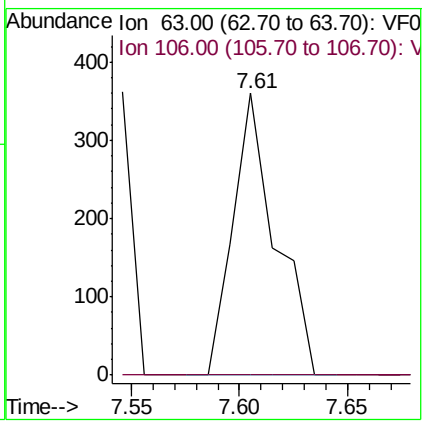


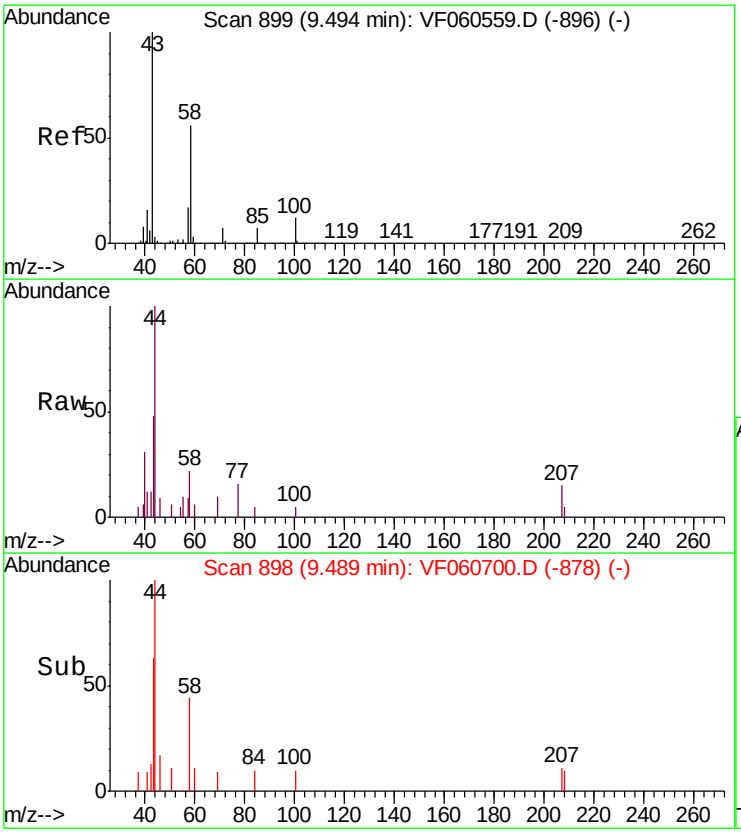
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.61 min Scan# 707
Delta R.T. -0.02 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument : MSVOA_F
ClientSampleId : SR-3-SRE

Tgt Ion: 63 Resp: 495

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

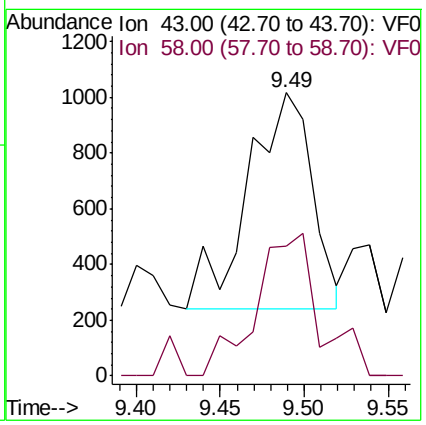


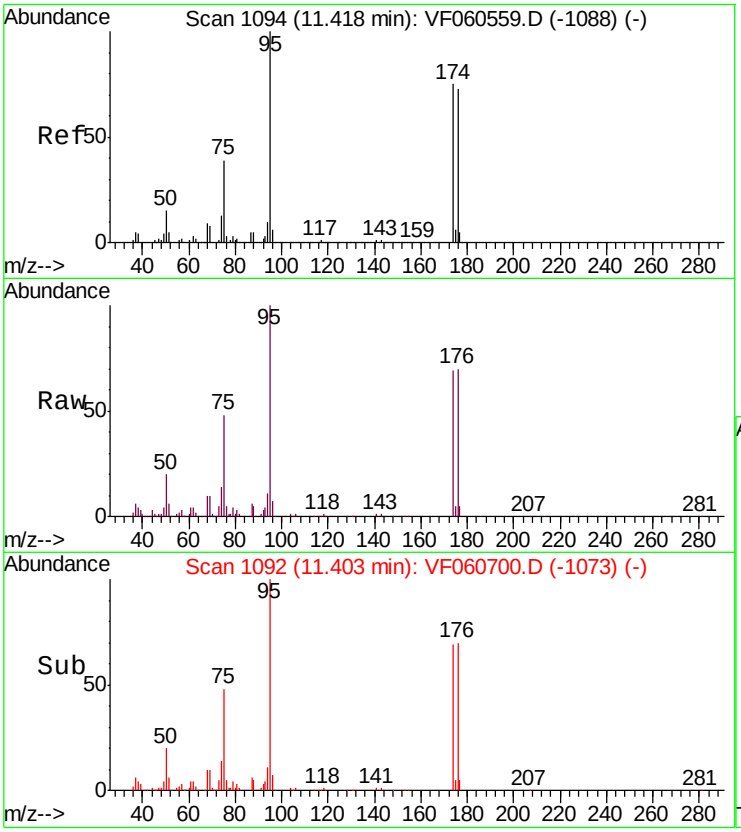


#59
2-Hexanone
Concen: Below Cal
RT: 9.49 min Scan# 898
Delta R.T. -0.00 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion: 43 Resp: 2058

Ion	Ratio	Lower	Upper
43	100		
58	45.9	26.1	78.3



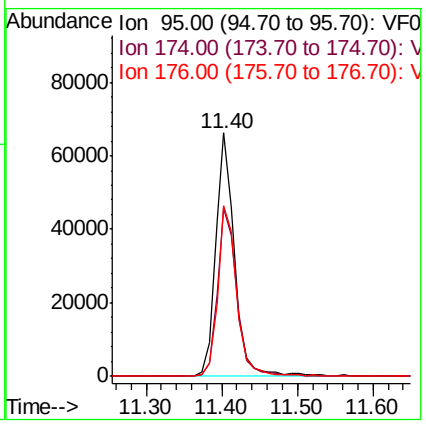


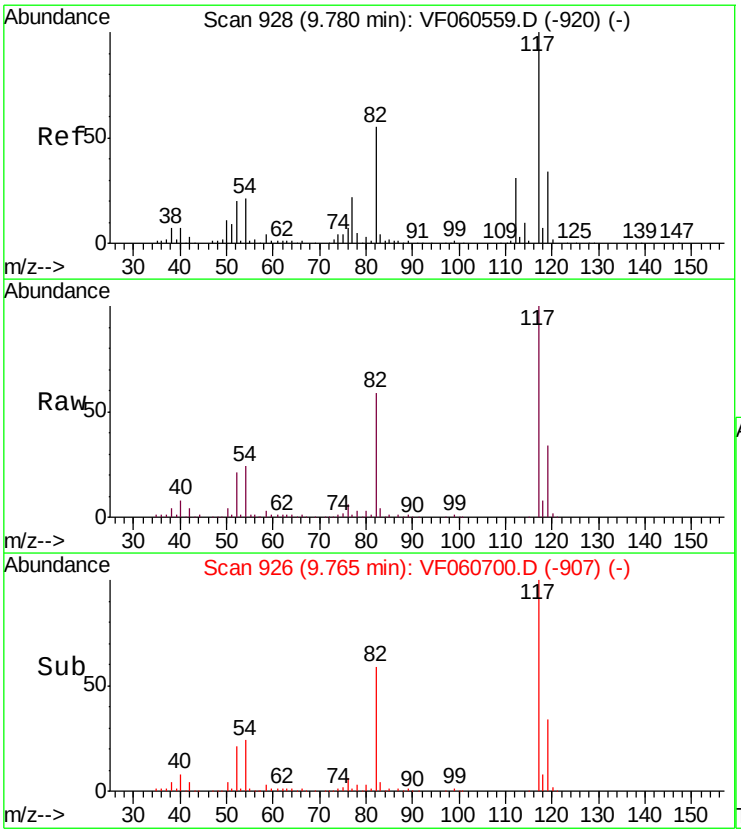
#62
4-Bromofluorobenzene
Concen: 29.192 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tgt Ion: 95 Resp: 115807

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	149.0
176	70.1	0.0	145.6

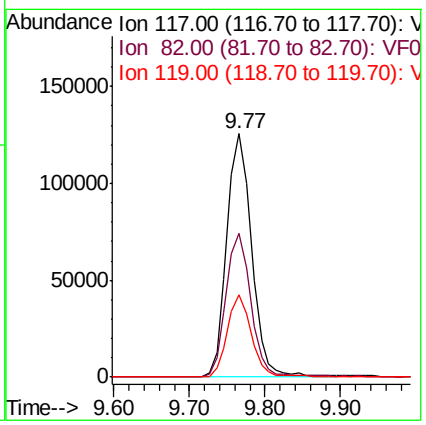


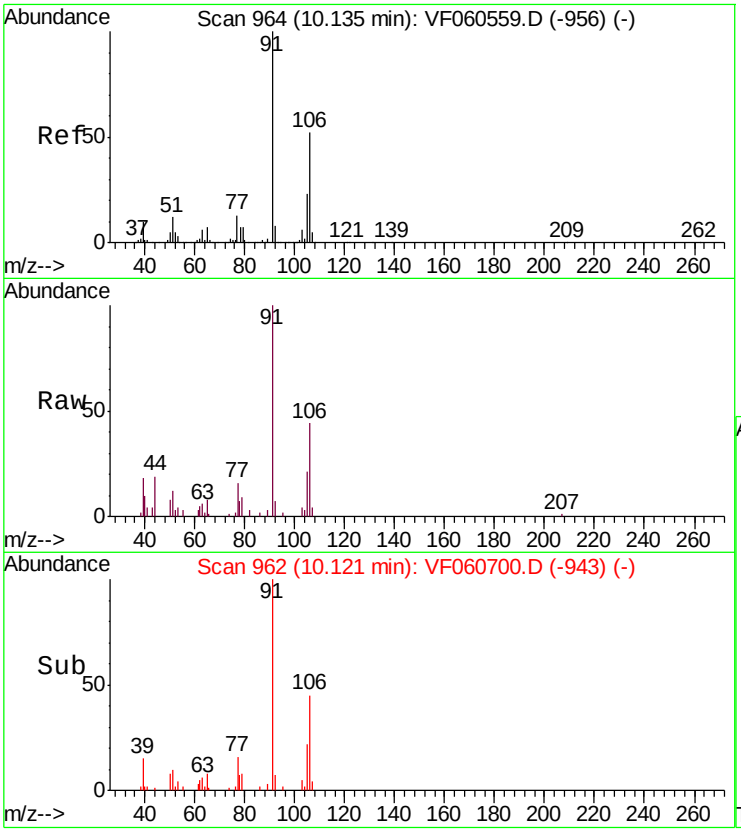


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion:117 Resp: 287105

Ion	Ratio	Lower	Upper
117	100		
82	59.1	43.9	65.9
119	33.9	27.4	41.0



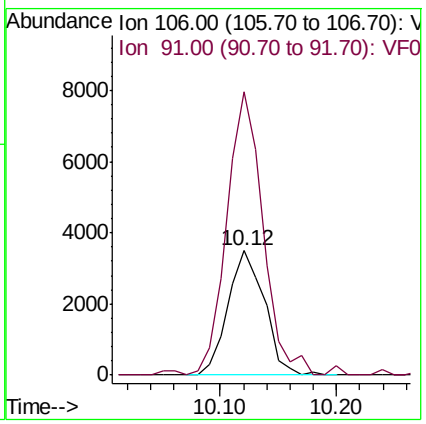


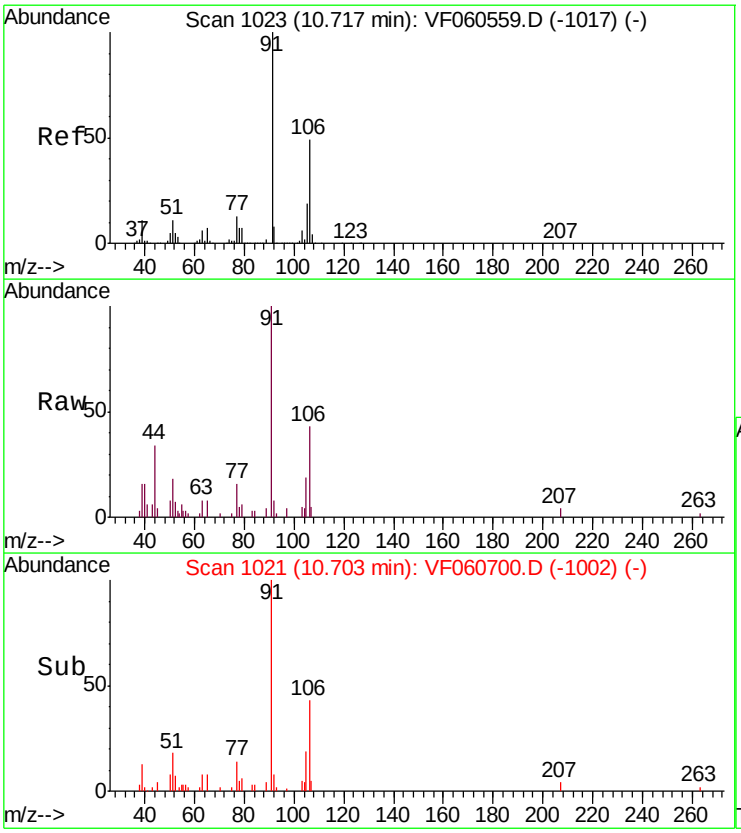
#68
m/p-Xylenes
Concen: 1.898 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tgt Ion:106 Resp: 7617

Ion	Ratio	Lower	Upper
106	100		
91	227.6	153.9	230.9

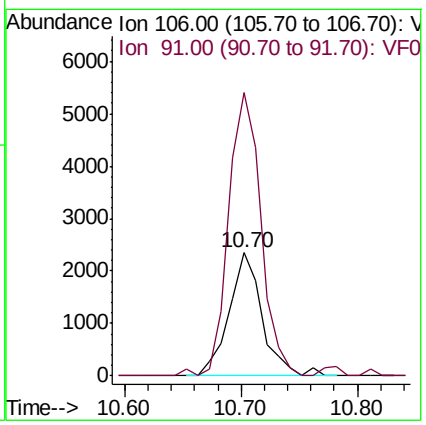


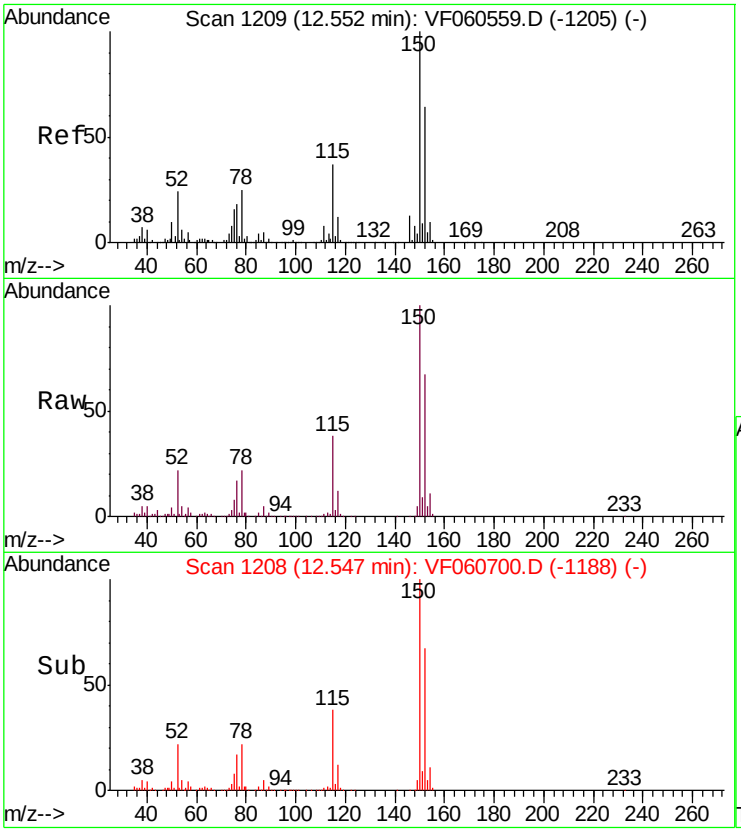


#69
o-Xylene
Concen: 1.056 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion:106 Resp: 4630

Ion	Ratio	Lower	Upper
106	100		
91	230.1	101.8	305.3



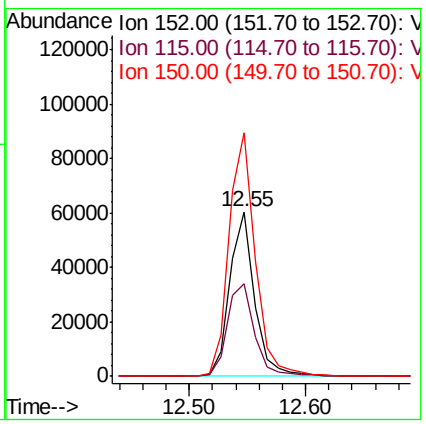


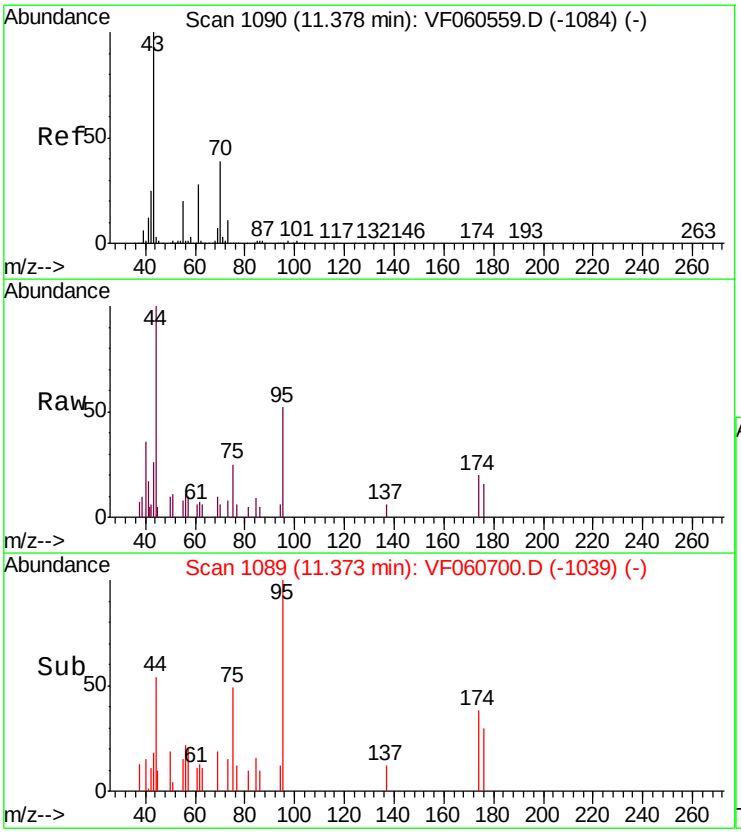
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tgt Ion:152 Resp: 89293

Ion	Ratio	Lower	Upper
152	100		
115	56.1	29.6	88.8
150	148.2	0.0	315.6

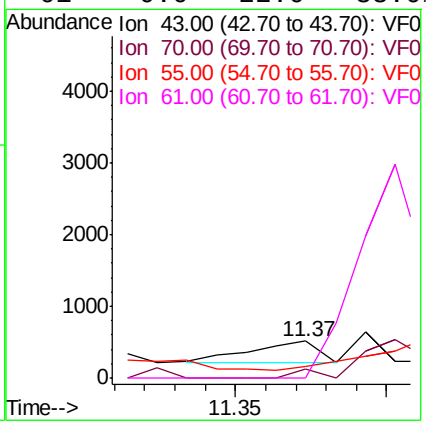


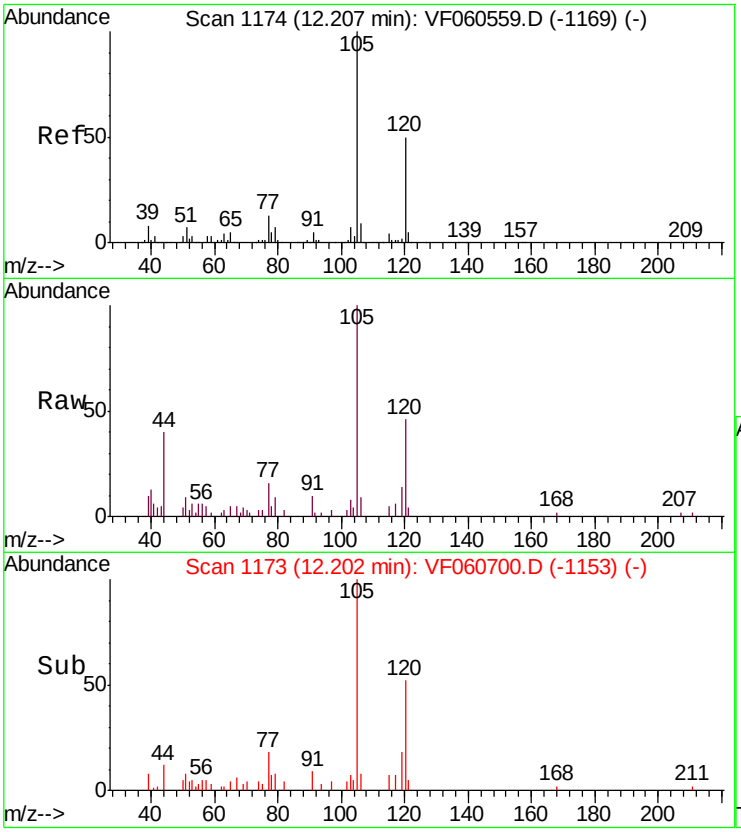


#74
N-amyl acetate
Concen: Below Cal
RT: 11.37 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion: 43 Resp: 481

Ion	Ratio	Lower	Upper
43	100		
70	23.5	30.9	46.3#
55	30.7	16.6	24.8#
61	0.0	22.0	33.0#



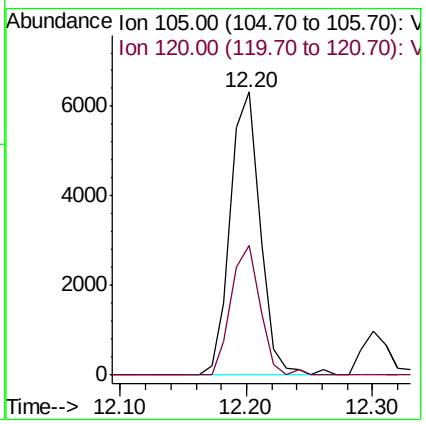


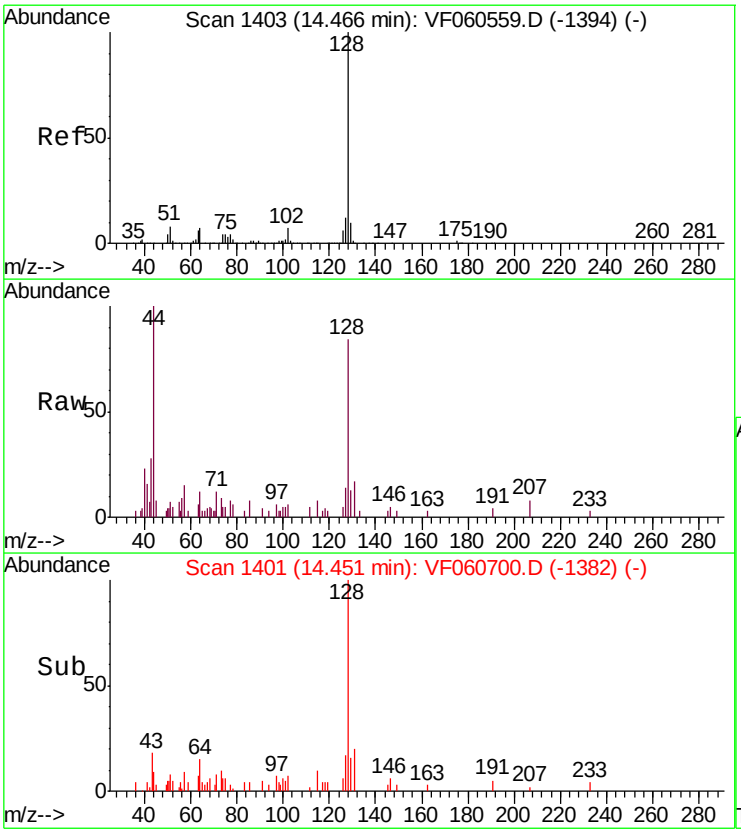
#84
1,2,4-Trimethylbenzene
Concen: 1.848 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.00 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tgt Ion:105 Resp: 10387

Ion	Ratio	Lower	Upper
105	100		
120	45.6	25.6	76.8





#95
Naphthalene
Concen: 1.230 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion:128 Resp: 4680

Ion	Ratio	Lower	Upper
128	100		
127	17.2	9.4	14.0#
129	15.5	8.4	12.6#