Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111518\
Data File : VF060748.D
Acq On : 15 Nov 2018 15:53
Operator : VA/AP
Sample : J5767-09
Misc : 7.95g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 16 04:36:57 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	4.86	168	238213	50.00 ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	421472	50.00 ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	356409	50.00 ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	206394	50.00 ug/l	-0.02
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	4.83	65	114411	42.11 ug/l	-0.03
Spiked Amount 50.000			Recovery =	84.22%	
35) Dibromofluoromethane	4.10	113	140944	44.49 ug/l	-0.03
Spiked Amount 50.000			Recovery =	88.98%	
50) Toluene-d8	7.54	98	327794	39.55 ug/l	-0.03
Spiked Amount 50.000			Recovery =	79.10%	
62) 4-Bromofluorobenzene	11.40	95	168922	44.62 ug/l	-0.02
Spiked Amount 50.000			Recovery =	89.24%	
Target Compounds					Qvalue
11) Tert butyl alcohol	2.57	59	766	6.195 ug/l #	1
13) Acrolein	2.02	56	256	2.264 ug/l #	63
15) Acrylonitrile	2.91	53	544	2.065 ug/l #	38
16) Acetone	2.22	43	44675	76.925 ug/l	99
18) Methyl Acetate	2.38	43	1893	1.985 ug/l #	64
20) Methylene Chloride	2.17	84	1853	Below Cal #	79
25) 2-Butanone	4.32	43	2423	2.536 ug/l #	73
29) Tetrahydrofuran	4.09	42	2098	5.325 ug/l #	52
30) Chloroform	3.85	83	19045	2.983 ug/l	99
41) Methacrylonitrile	4.75	41	890	Below Cal #	45
49) 1,4-Dioxane	6.32	88	174	11.667 ug/l #	1
51) 4-Methyl-2-Pentanone	8.27	43	8760	5.027 ug/l #	52
58) 2-Chloroethyl Vinyl ether	7.62	63	924	4.269 ug/l	100
59) 2-Hexanone	9.48	43	3391	2.769 ug/l	95
68) m/p-Xylenes	10.12	106	8211	1.695 ug/l	96
69) o-Xylene	10.70	106	8000	1.469 ug/l	98
80) 1,3,5-Trimethylbenzene	11.81	105	23955	1.816 ug/l	93
84) 1,2,4-Trimethylbenzene	12.20	105	57961	4.249 ug/l	97
95) Naphthalene	14.45	128	596062	70.141 ug/l	99

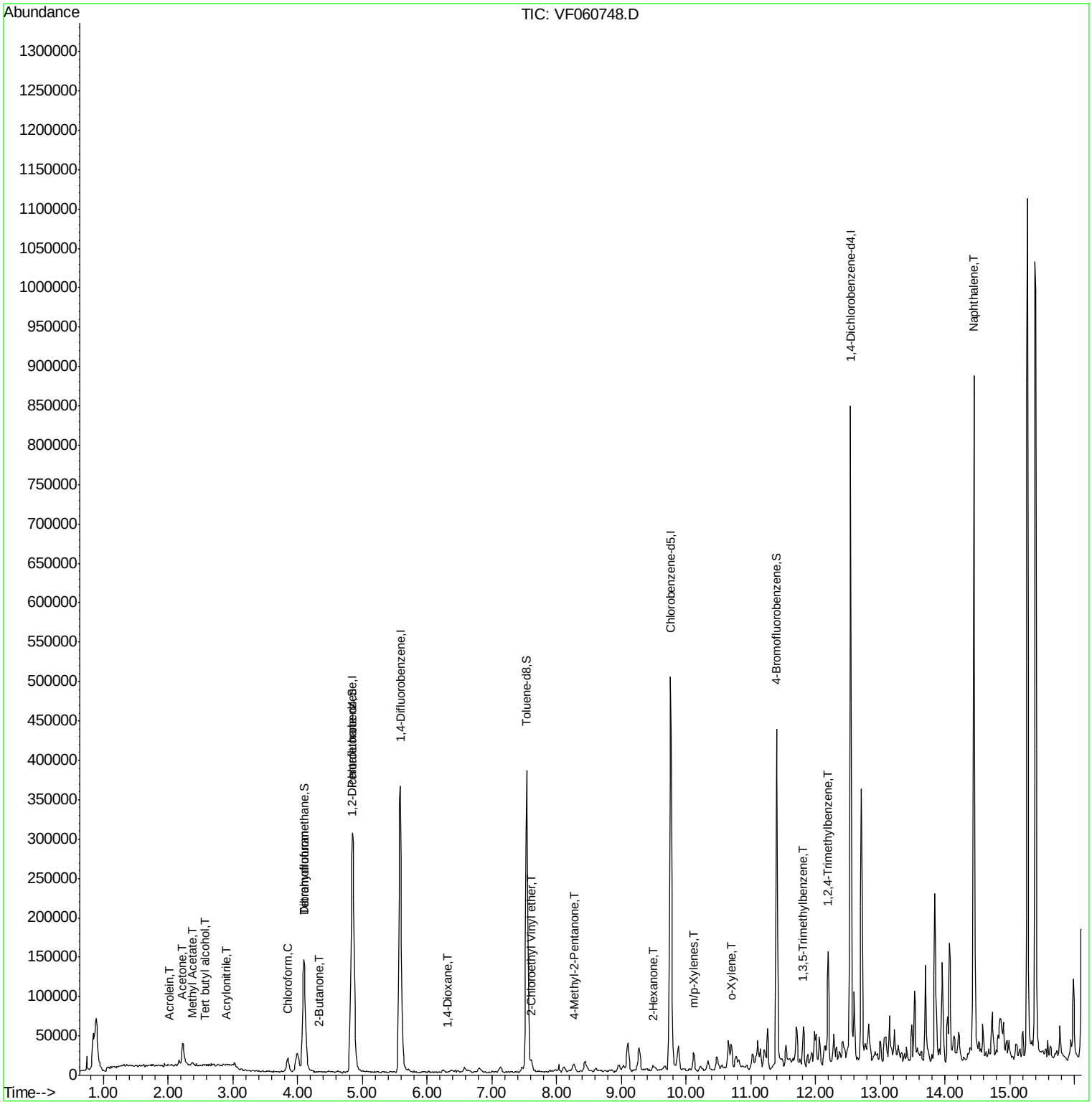
(#) = qualifier out of range (m) = manual integration (+) = signals summed

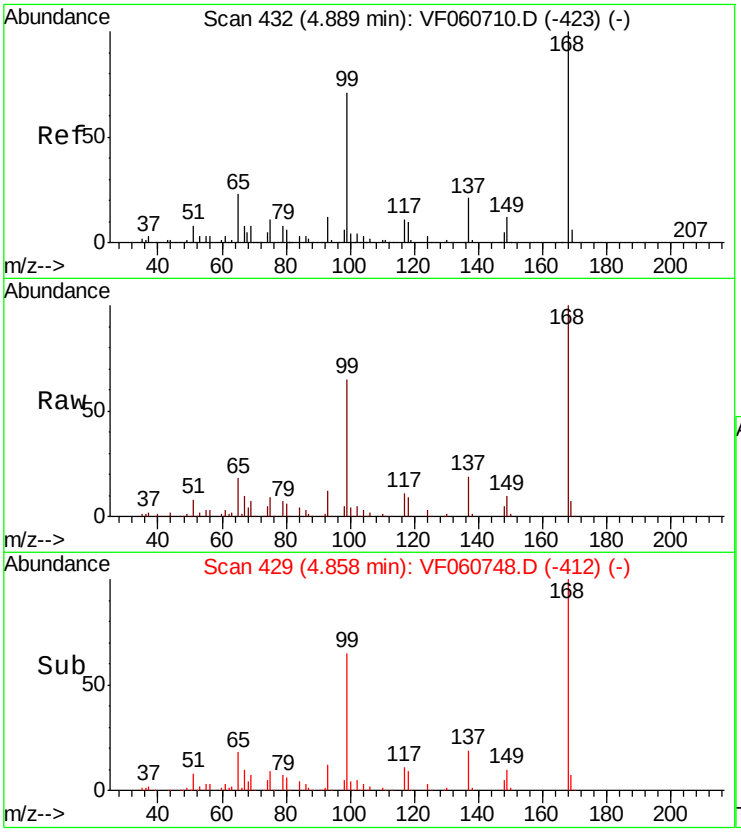
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111518\
Data File : VF060748.D
Acq On : 15 Nov 2018 15:53
Operator : VA/AP
Sample : J5767-09
Misc : 7.95g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 16 04:36:57 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



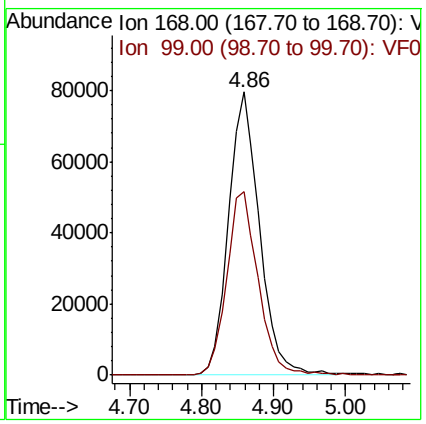


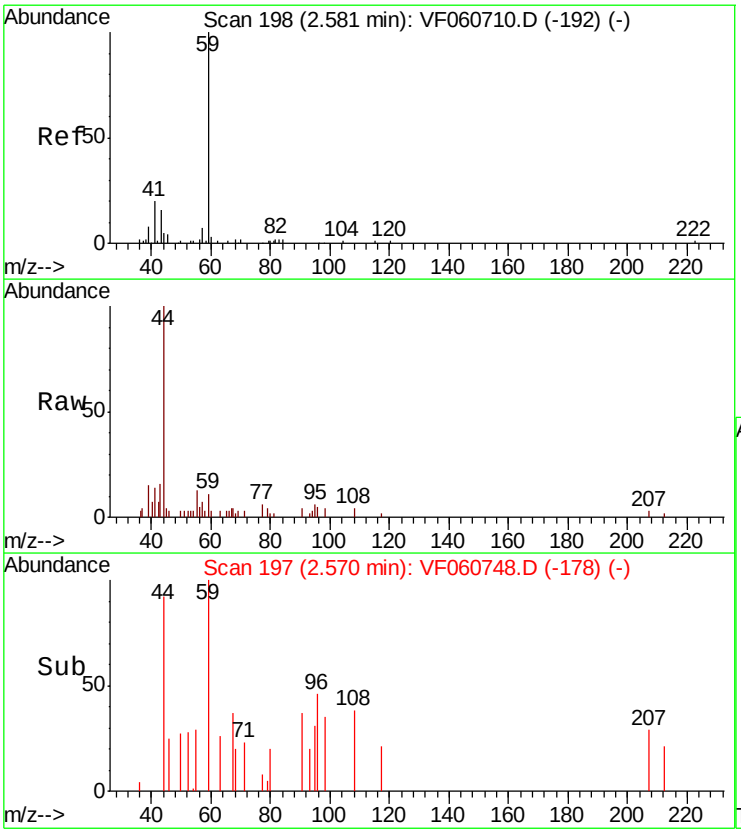
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 238213

Ion	Ratio	Lower	Upper
168	100		
99	64.9	57.2	85.8

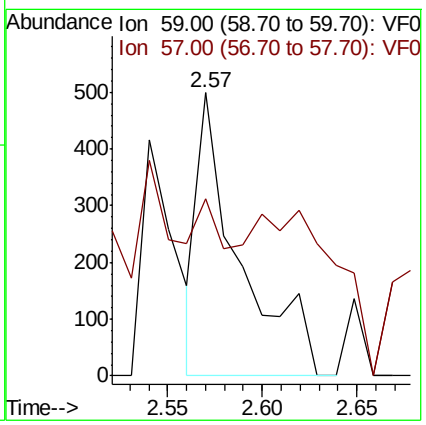


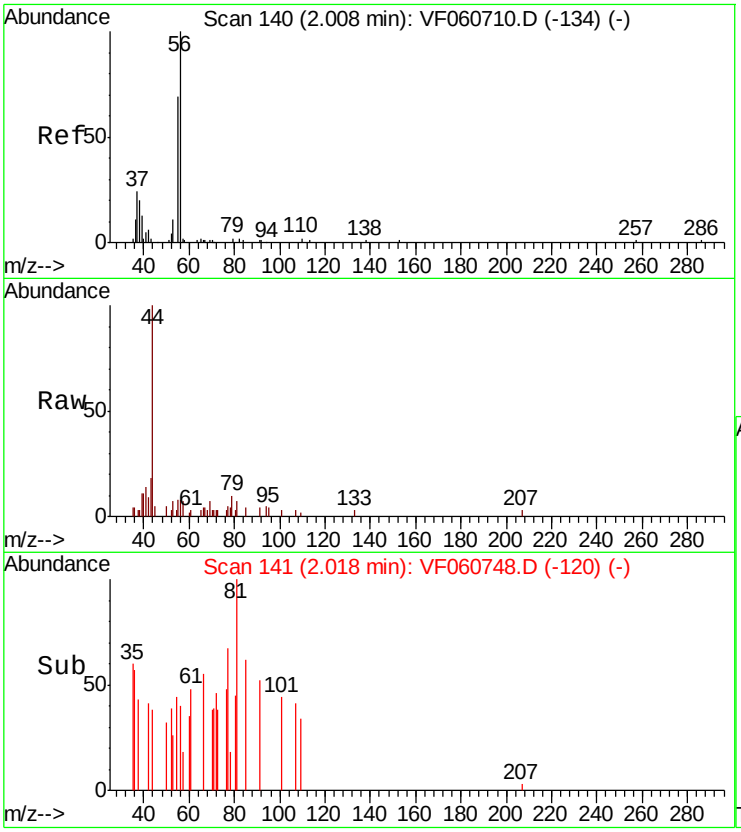


#11
Tert butyl alcohol
Concen: 6.195 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion: 59 Resp: 766

Ion	Ratio	Lower	Upper
59	100		
57	62.5	10.5	15.7#



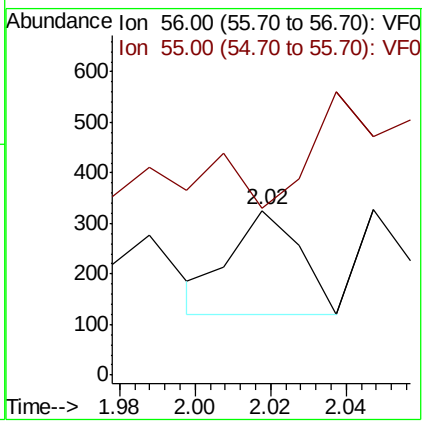


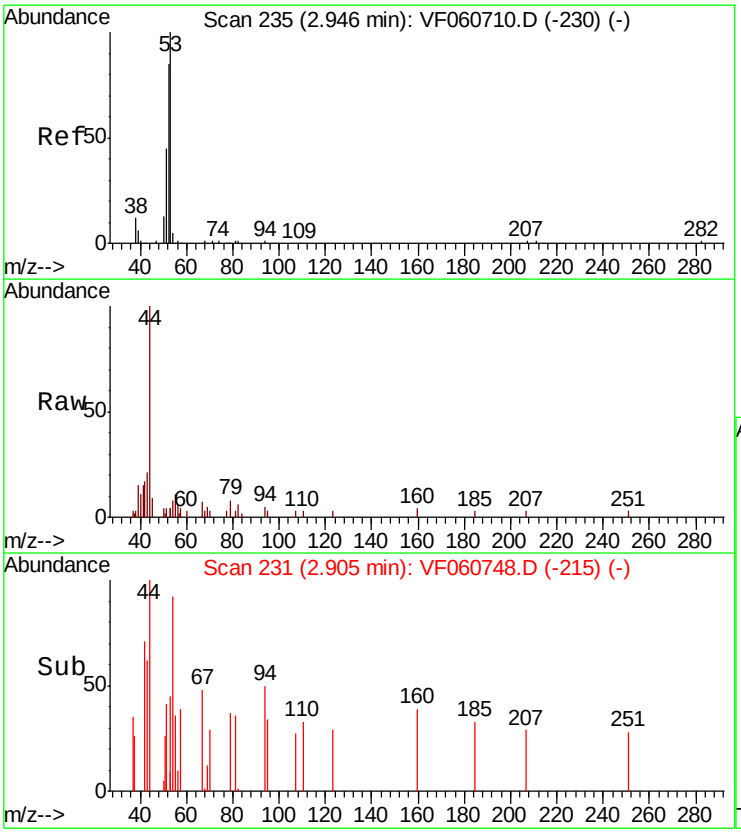
#13
Acrolein
Concen: 2.264 ug/l
RT: 2.02 min Scan# 141
Delta R.T. 0.01 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 256

Ion	Ratio	Lower	Upper
56	100		
55	101.2	56.6	85.0#

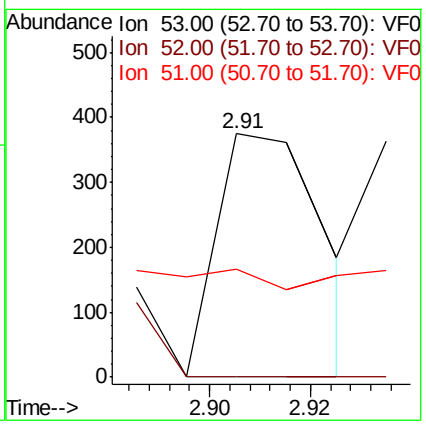


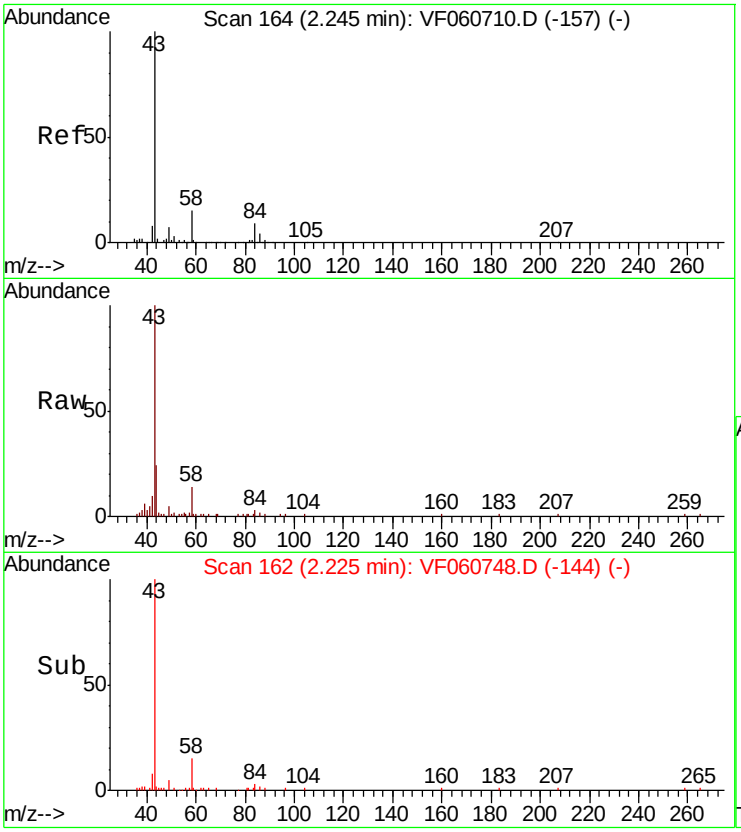


#15
Acrylonitrile
Concen: 2.065 ug/l
RT: 2.91 min Scan# 231
Delta R.T. -0.04 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion: 53 Resp: 544

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.8	103.2#
51	44.5	36.7	55.1



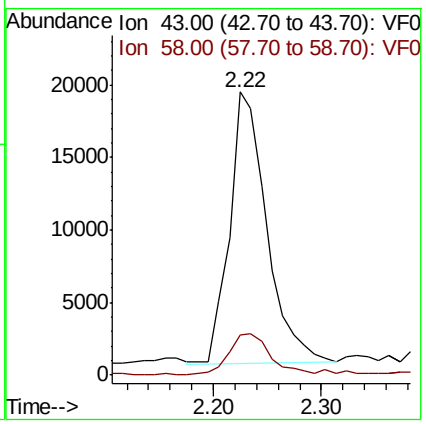


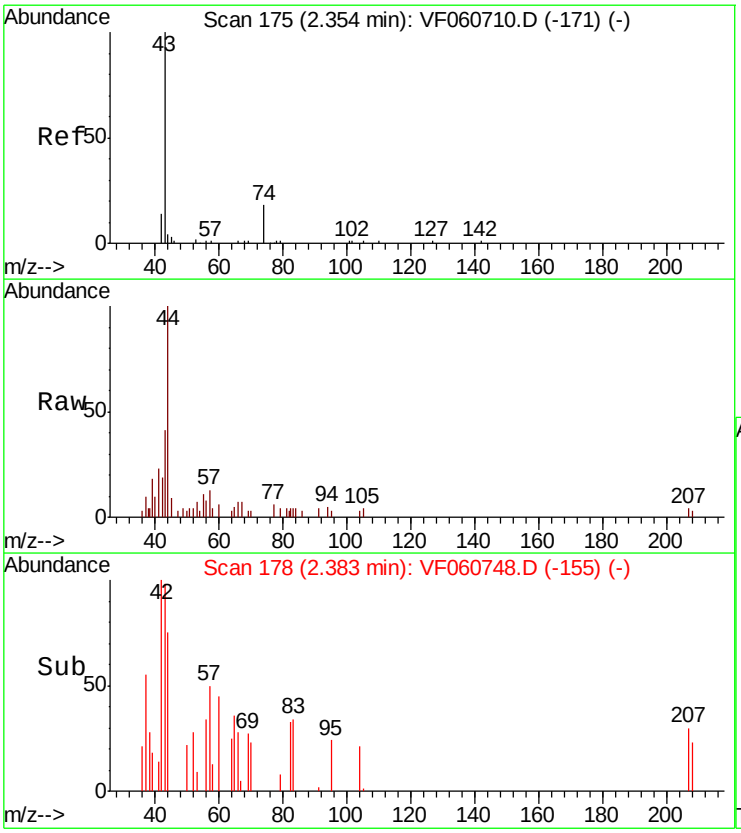
#16
Acetone
Concen: 76.925 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 44675

Ion	Ratio	Lower	Upper
43	100		
58	14.2	11.6	17.4

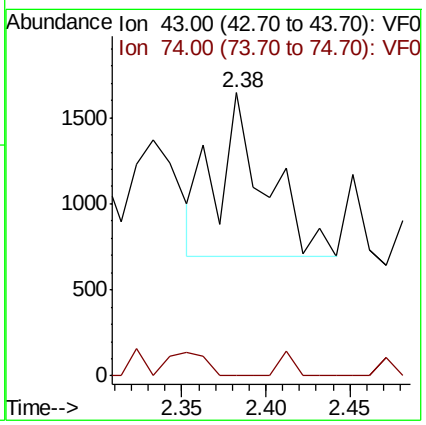


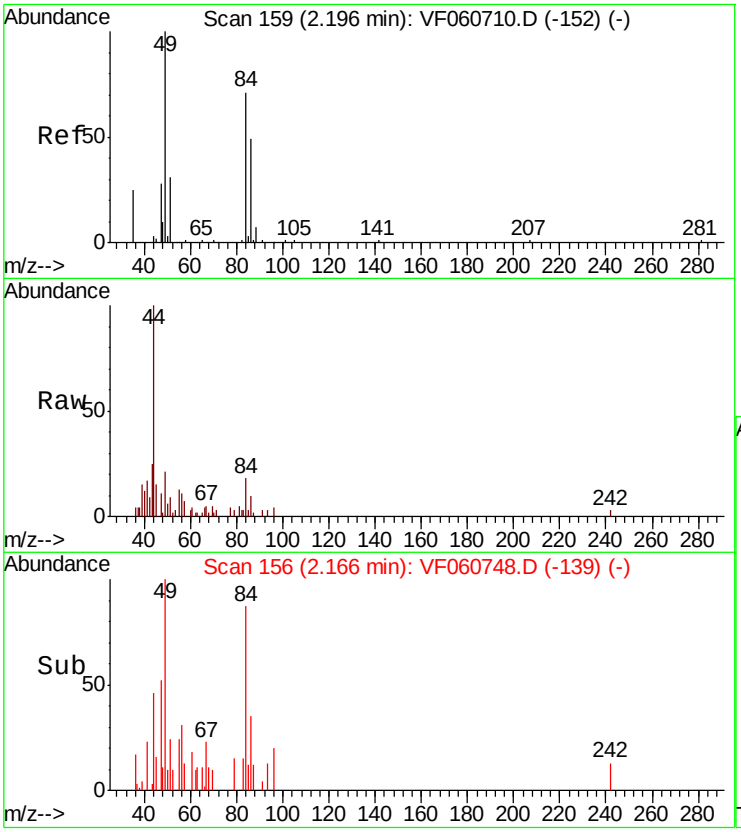


#18
Methyl Acetate
Concen: 1.985 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion: 43 Resp: 1893

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.8#



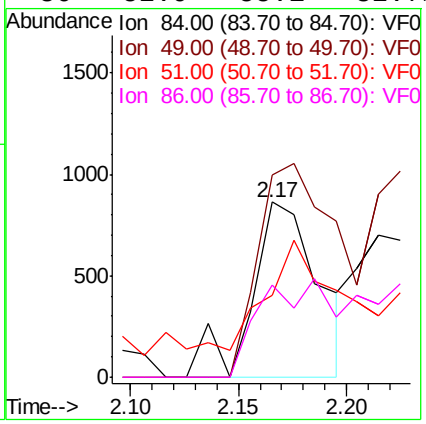


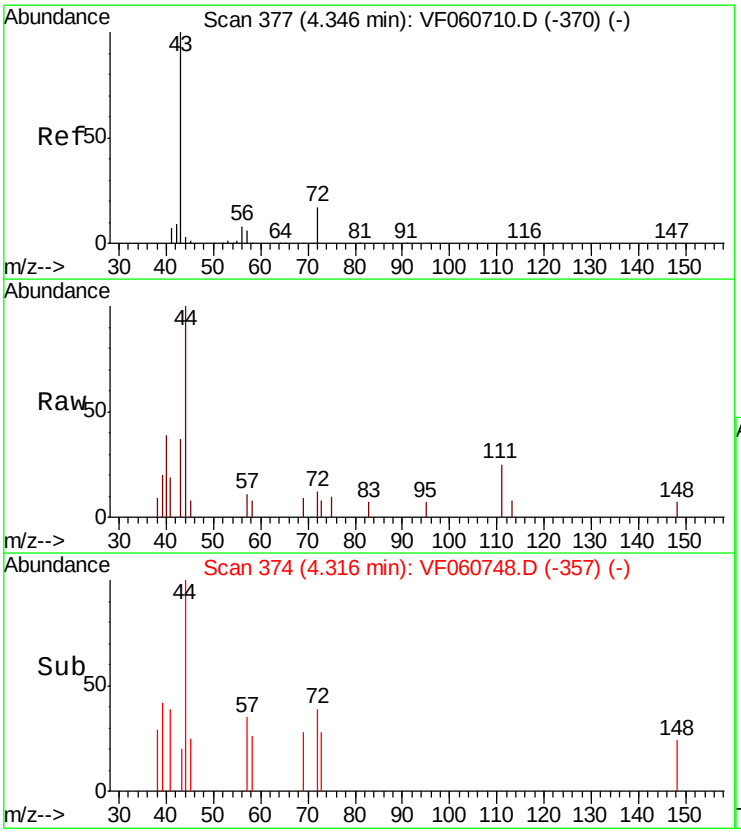
#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 1853

Ion	Ratio	Lower	Upper
84	100		
49	115.0	120.2	180.4#
51	47.0	37.2	55.8
86	52.9	55.1	82.7#

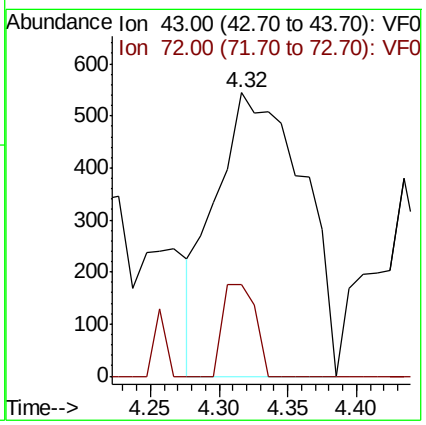


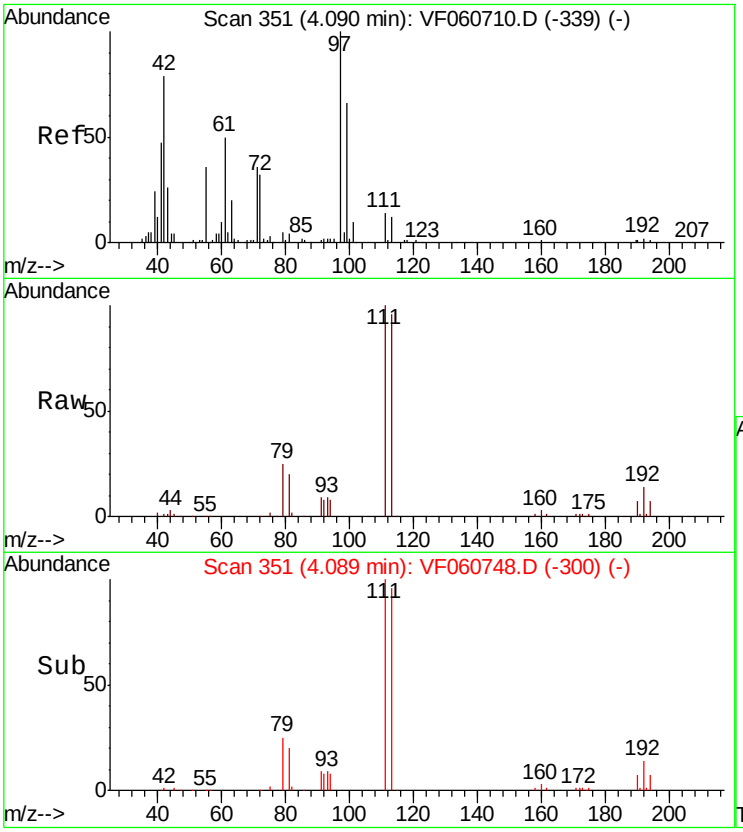


#25
2-Butanone
Concen: 2.536 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion: 43 Resp: 2423

Ion	Ratio	Lower	Upper
43	100		
72	32.4	16.1	24.1#



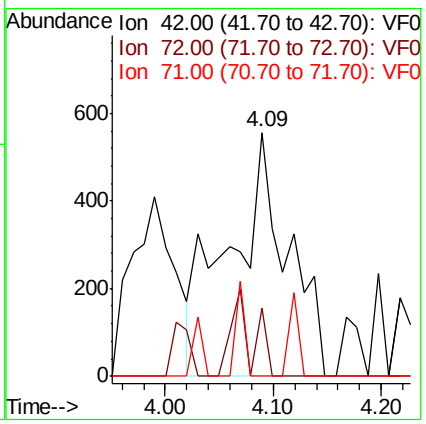


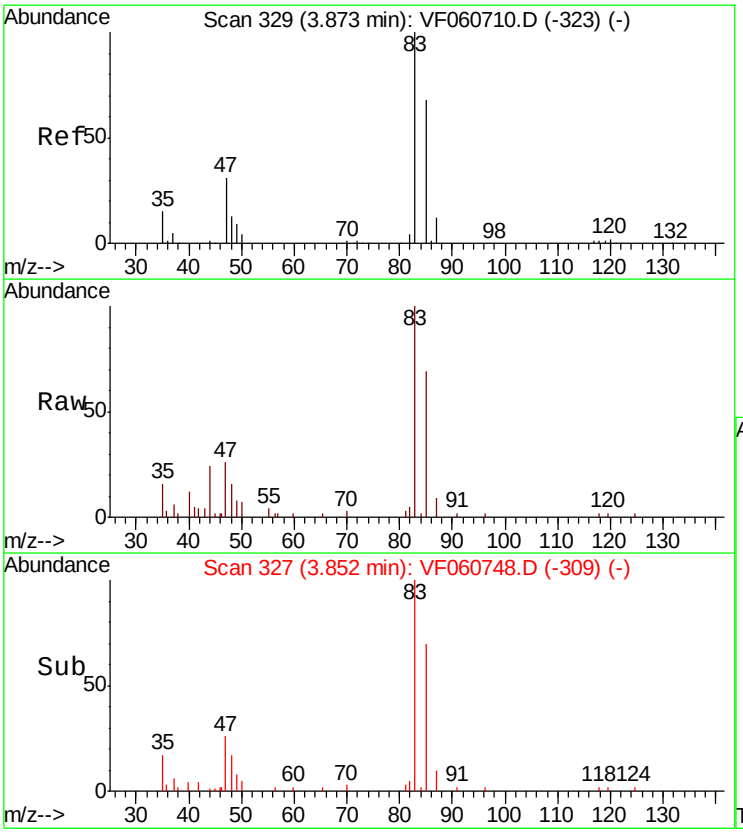
#29
Tetrahydrofuran
Concen: 5.325 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.00 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 2098

Ion	Ratio	Lower	Upper
42	100		
72	12.9	30.3	45.5#
71	6.1	32.2	48.2#

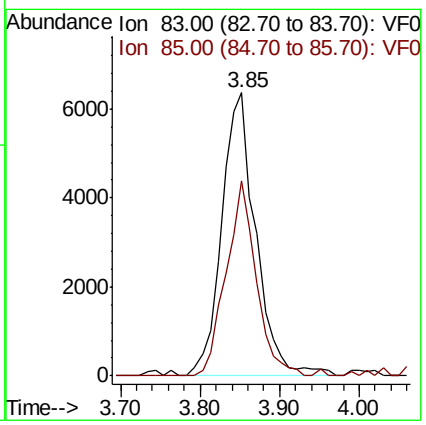


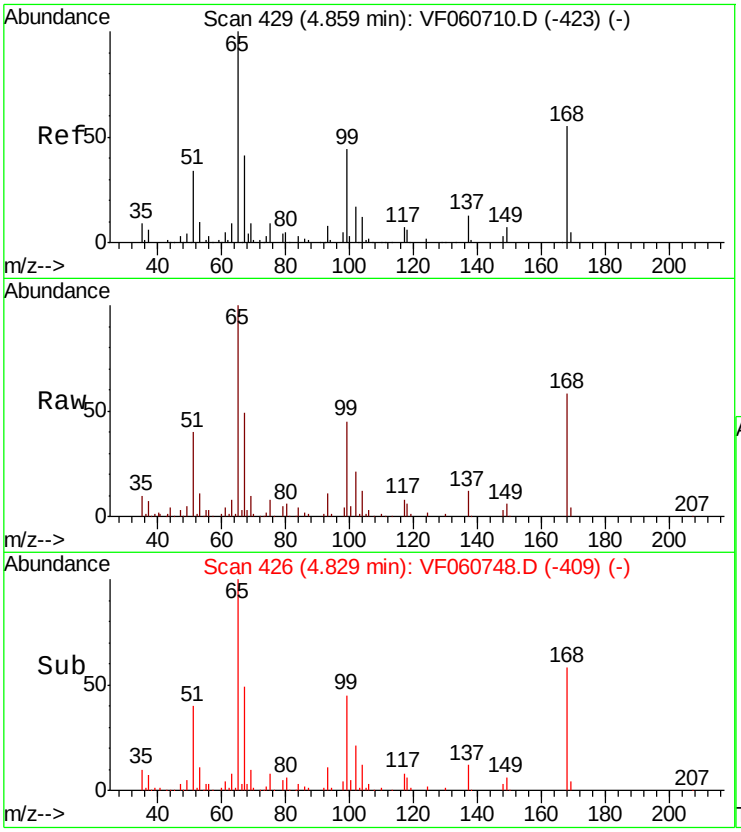


#30
Chloroform
Concen: 2.983 ug/l
RT: 3.85 min Scan# 327
Delta R.T. -0.02 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion: 83 Resp: 19045

Ion	Ratio	Lower	Upper
83	100		
85	68.9	54.6	82.0



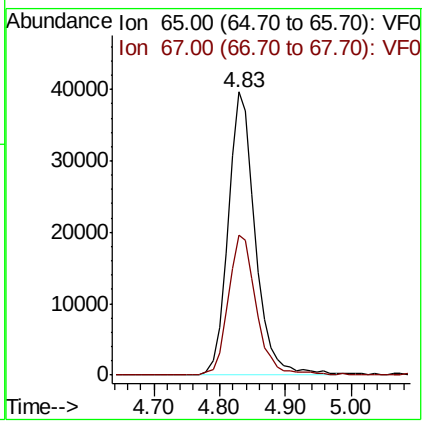


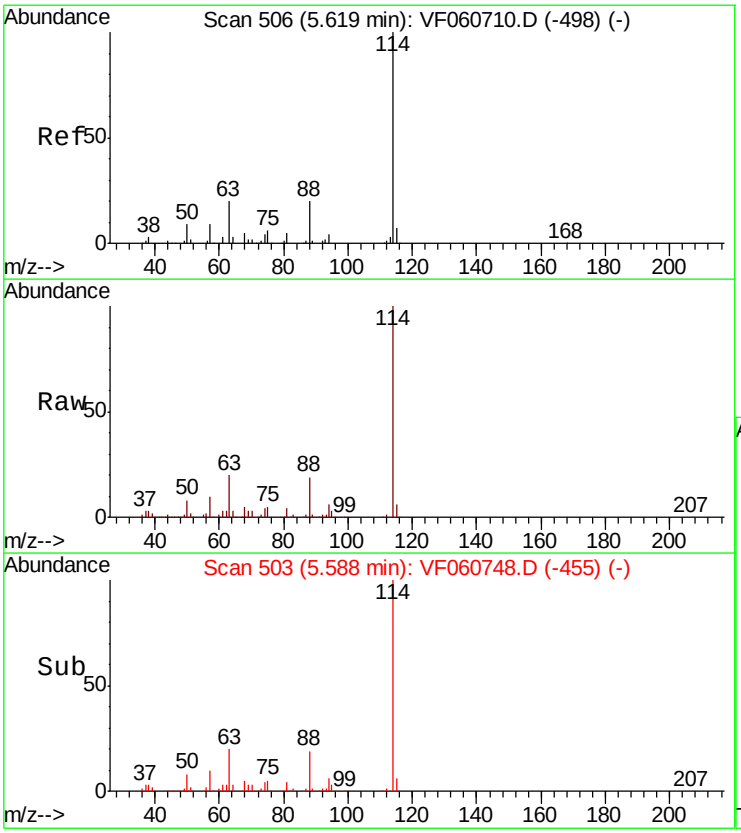
#33
1,2-Dichloroethane-d4
Concen: 42.108 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 114411

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	90.2

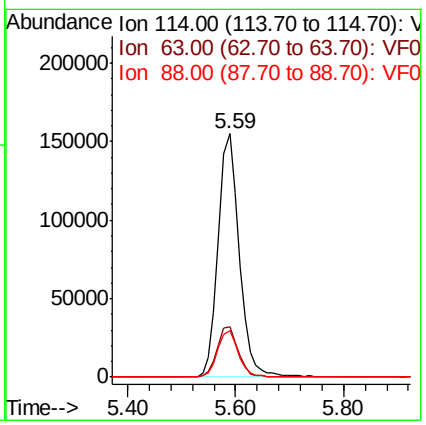


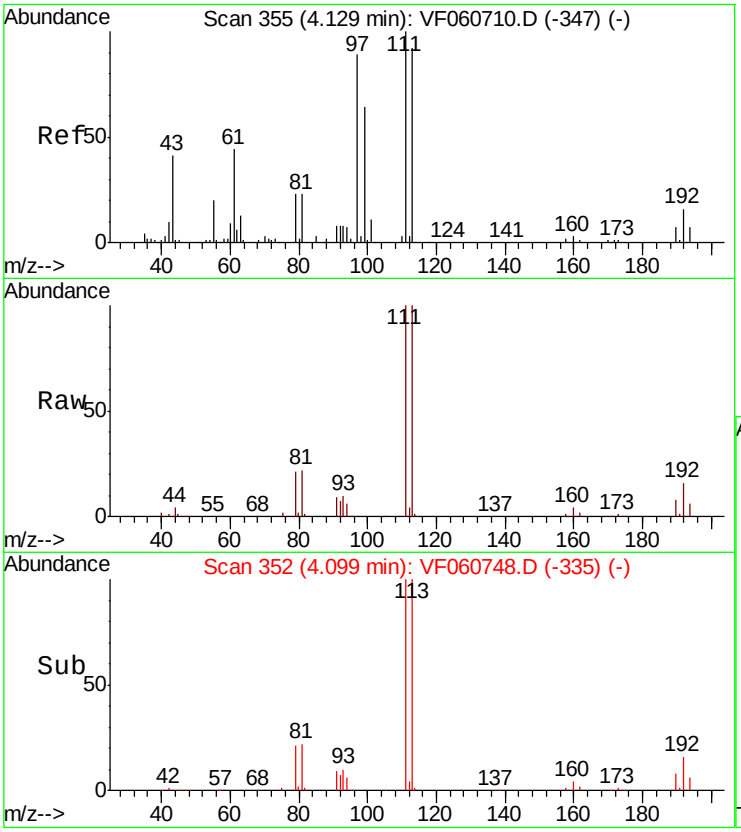


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion:114 Resp: 421472

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	19.1	0.0	39.6



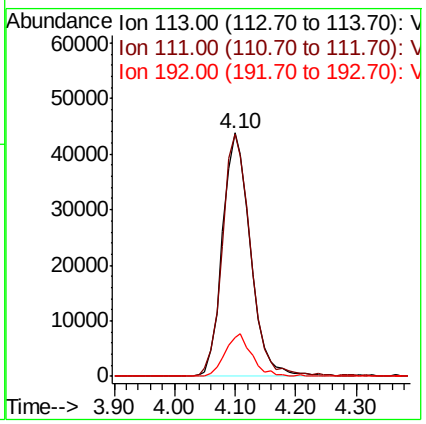


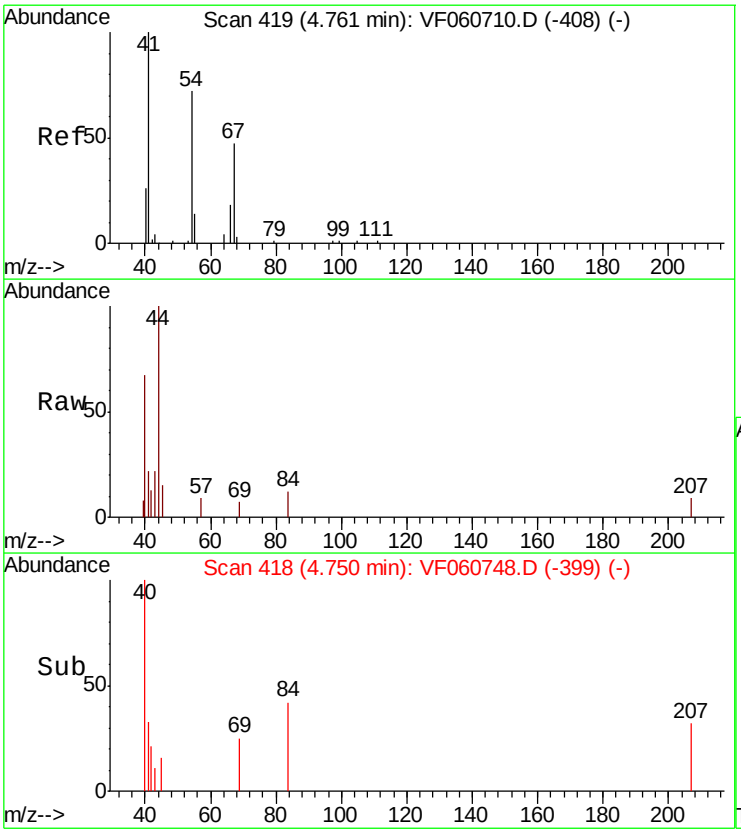
#35
Dibromofluoromethane
Concen: 44.487 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 140944

Ion	Ratio	Lower	Upper
113	100		
111	99.7	87.1	130.7
192	16.1	13.8	20.6

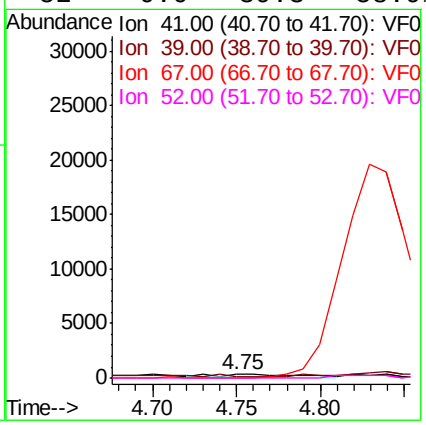


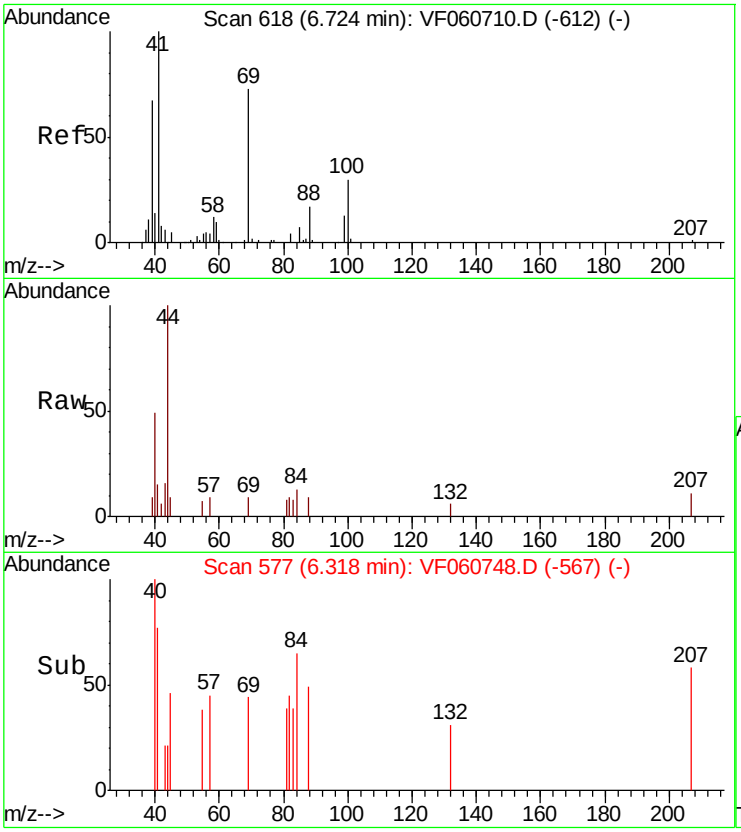


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.75 min Scan# 418
Delta R.T. -0.01 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion: 41 Resp: 890

Ion	Ratio	Lower	Upper
41	100		
39	37.9	47.1	70.7#
67	0.0	37.1	55.7#
52	0.0	39.3	58.9#



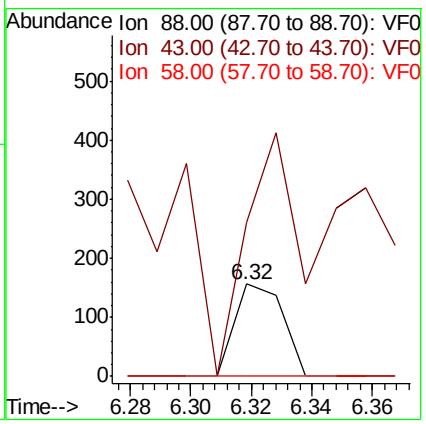


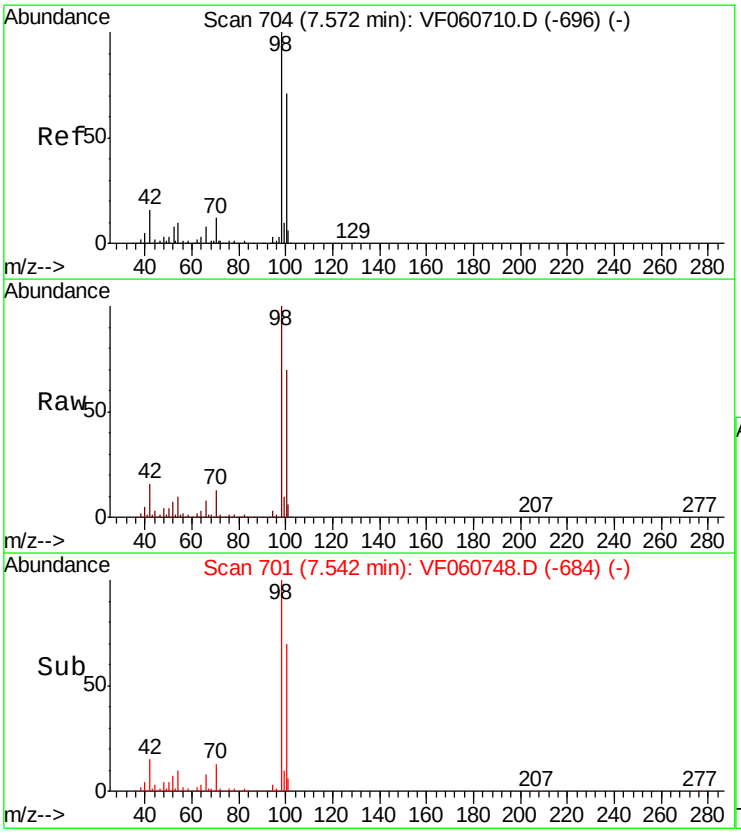
#49
1,4-Dioxane
Concen: 11.667 ug/l
RT: 6.32 min Scan# 577
Delta R.T. -0.41 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 174

Ion	Ratio	Lower	Upper
88	100		
43	167.3	44.6	66.8#
58	0.0	54.5	81.7#

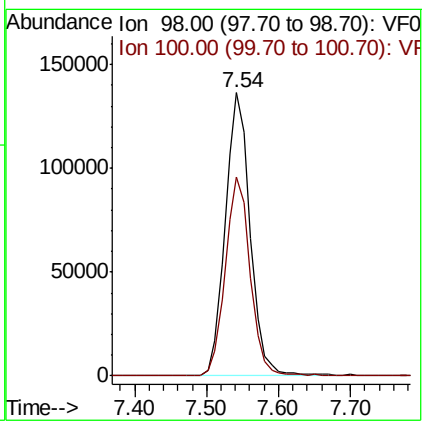


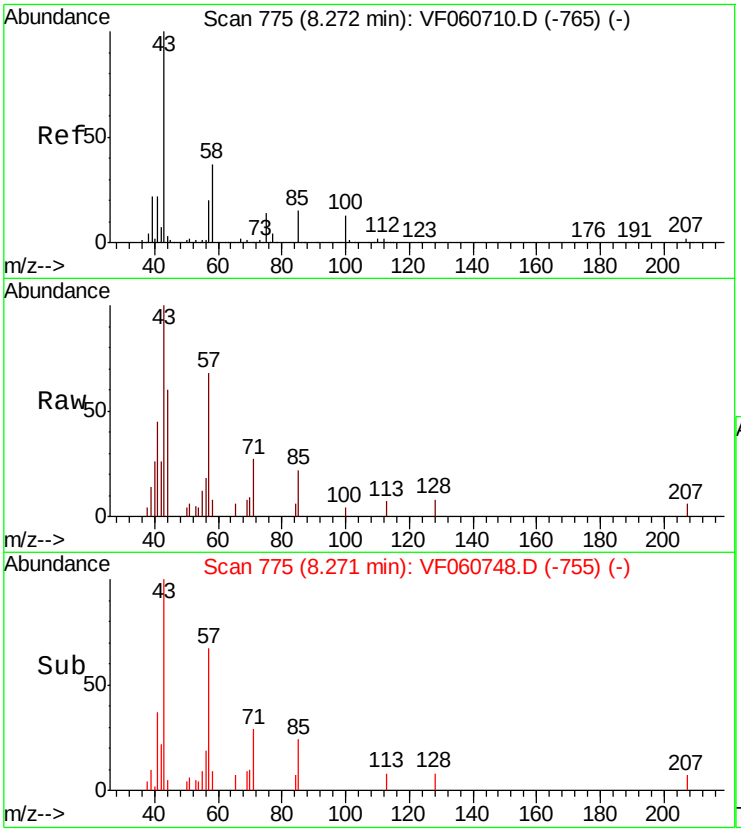


#50
Toluene-d8
Concen: 39.551 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion: 98 Resp: 327794

Ion	Ratio	Lower	Upper
98	100		
100	70.1	56.5	84.7



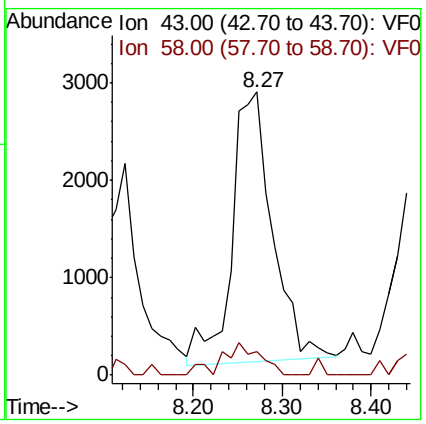


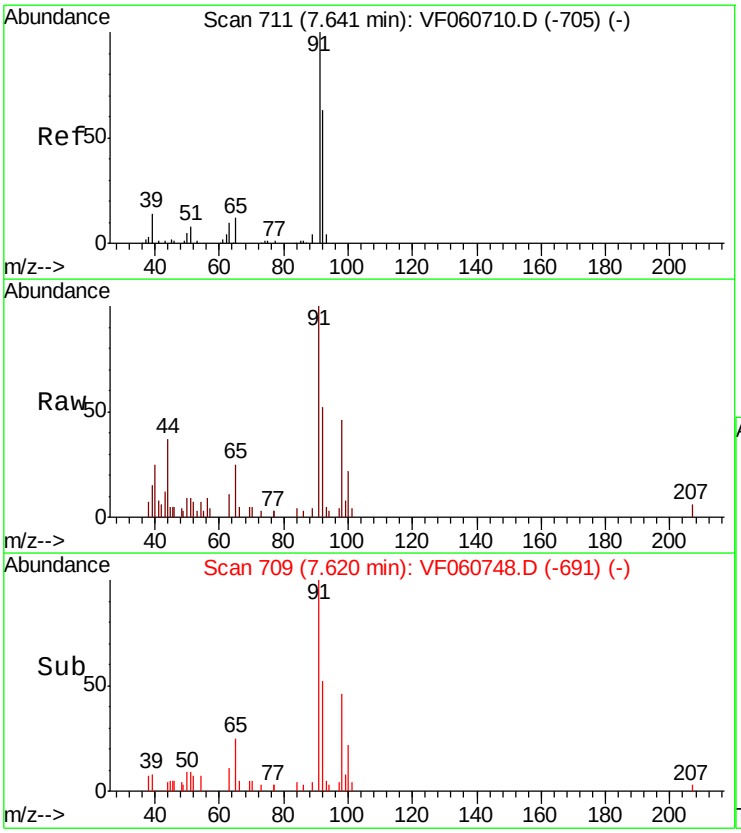
#51
4-Methyl-2-Pentanone
Concen: 5.027 ug/l
RT: 8.27 min Scan# 775
Delta R.T. -0.00 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 8760

Ion	Ratio	Lower	Upper
43	100		
58	8.2	29.2	43.8#

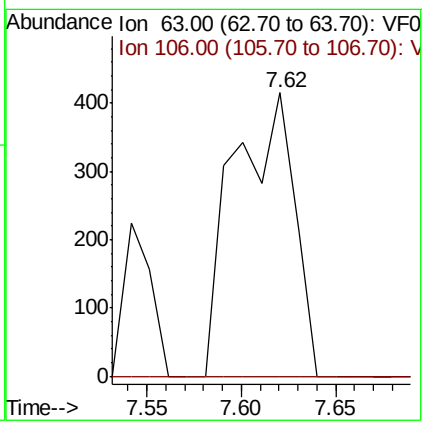


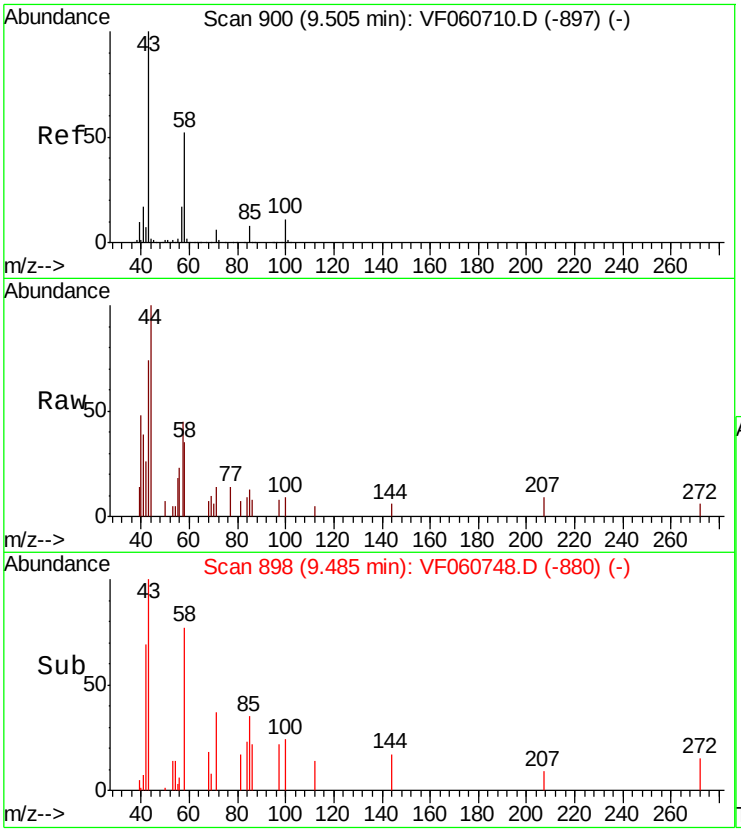


#58
2-Chloroethyl Vinyl ether
Concen: 4.269 ug/l
RT: 7.62 min Scan# 709
Delta R.T. -0.02 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion: 63 Resp: 924

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



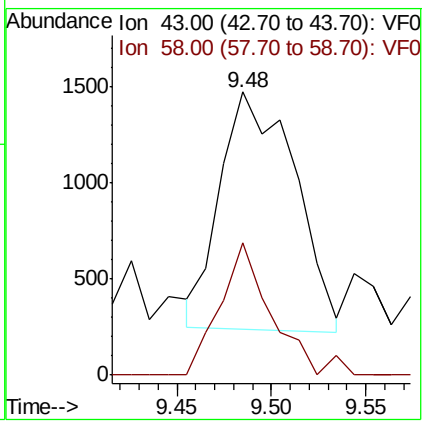


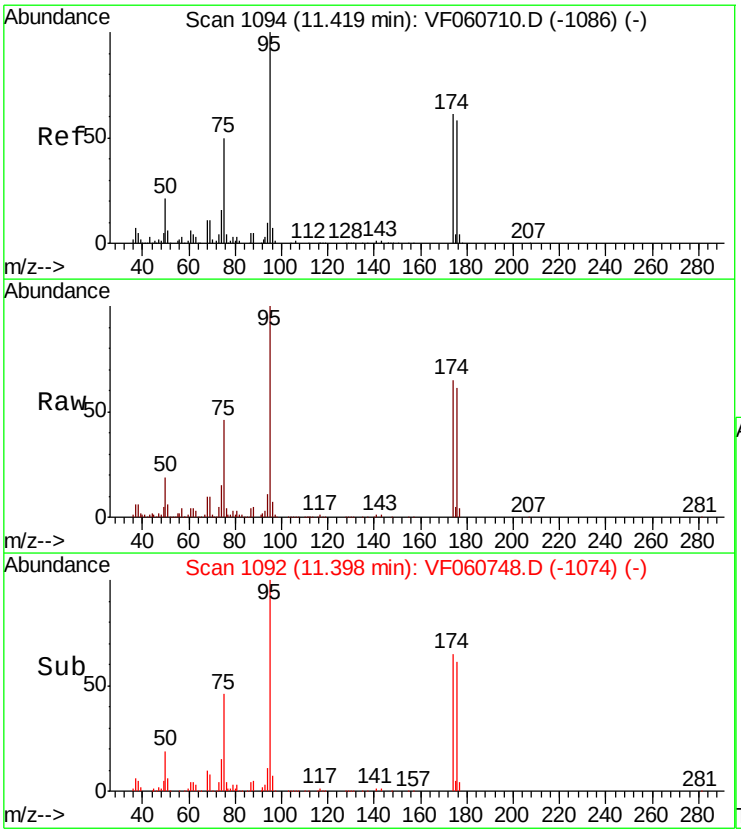
#59
2-Hexanone
Concen: 2.769 ug/l
RT: 9.48 min Scan# 898
Delta R.T. -0.02 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3391

Ion	Ratio	Lower	Upper
43	100		
58	46.7	24.9	74.7

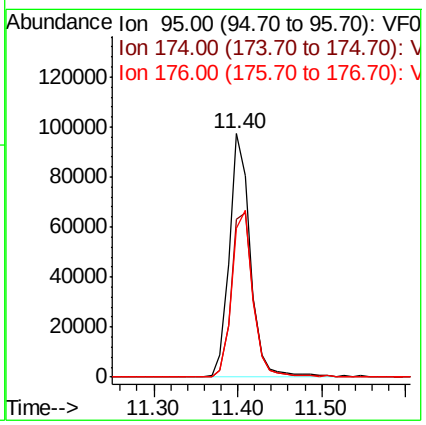


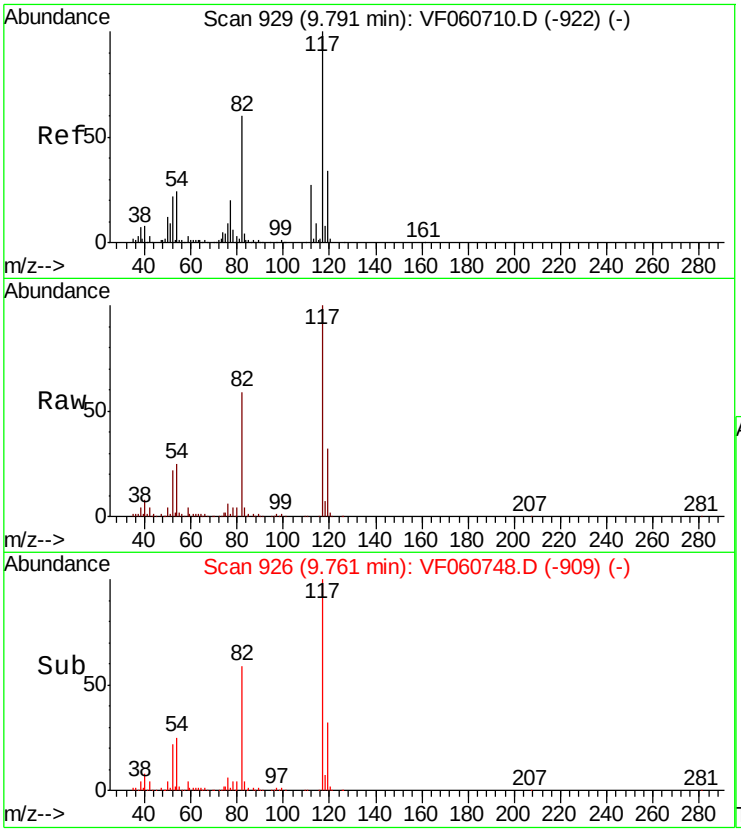


#62
4-Bromofluorobenzene
Concen: 44.621 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion: 95 Resp: 168922

Ion	Ratio	Lower	Upper
95	100		
174	64.9	0.0	121.6
176	61.1	0.0	115.2



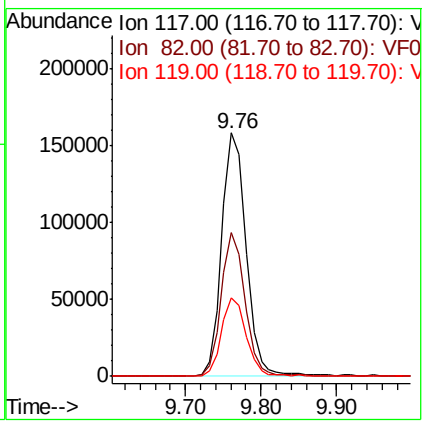


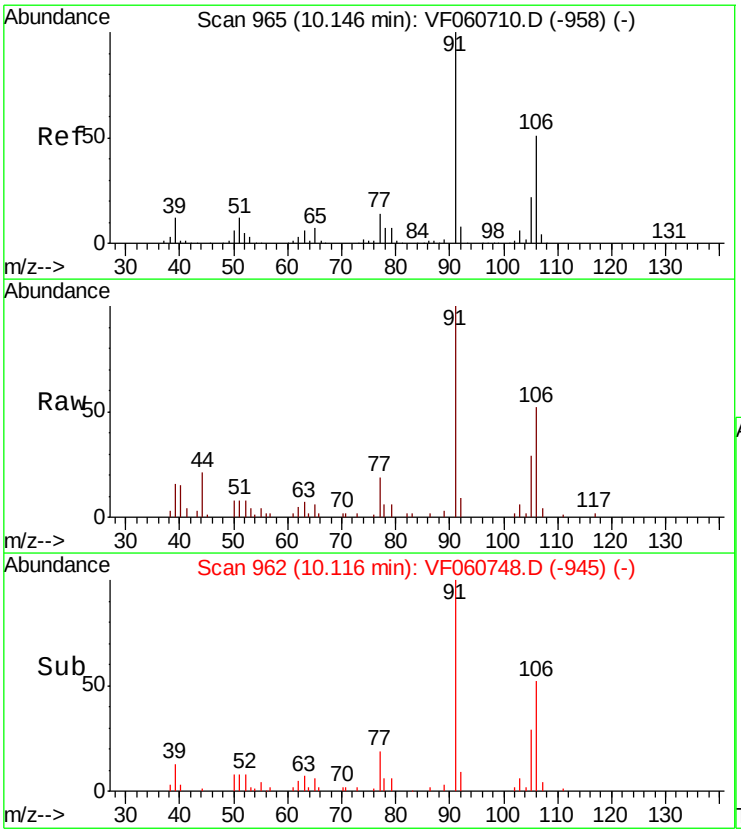
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 356409

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.9	71.9
119	32.5	26.8	40.2

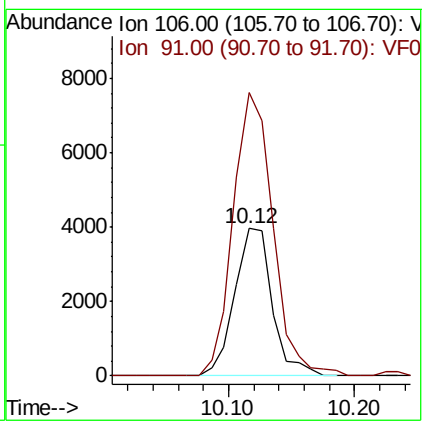


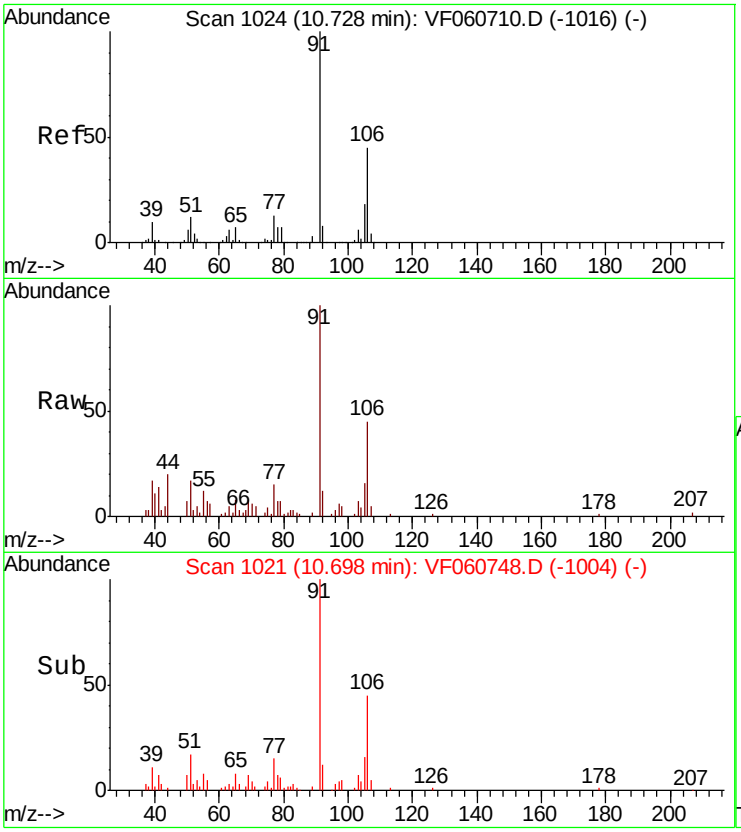


#68
m/p-Xylenes
Concen: 1.695 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion:106 Resp: 8211

Ion	Ratio	Lower	Upper
106	100		
91	192.3	158.2	237.2



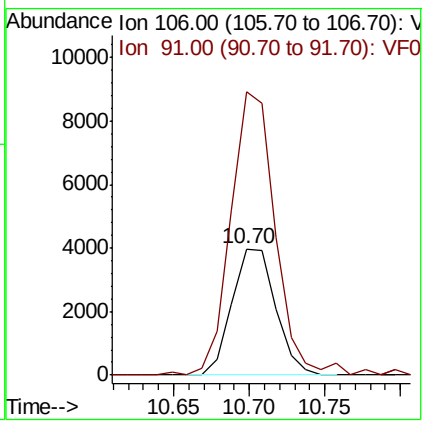


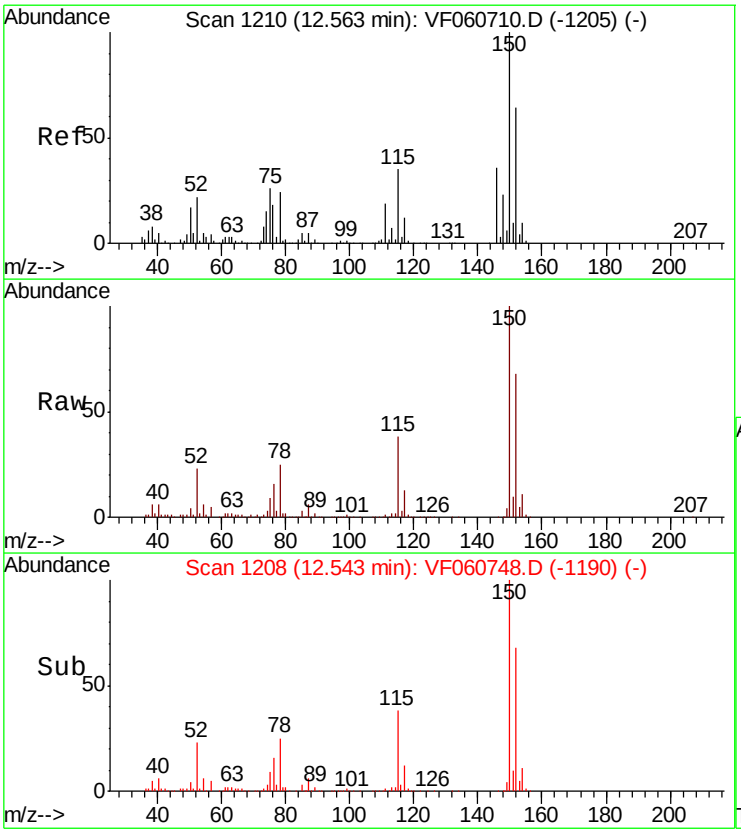
#69
o-Xylene
Concen: 1.469 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.03 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 8000

Ion	Ratio	Lower	Upper
106	100		
91	223.9	110.3	330.9

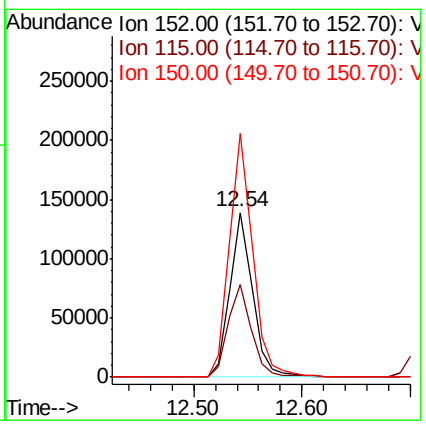


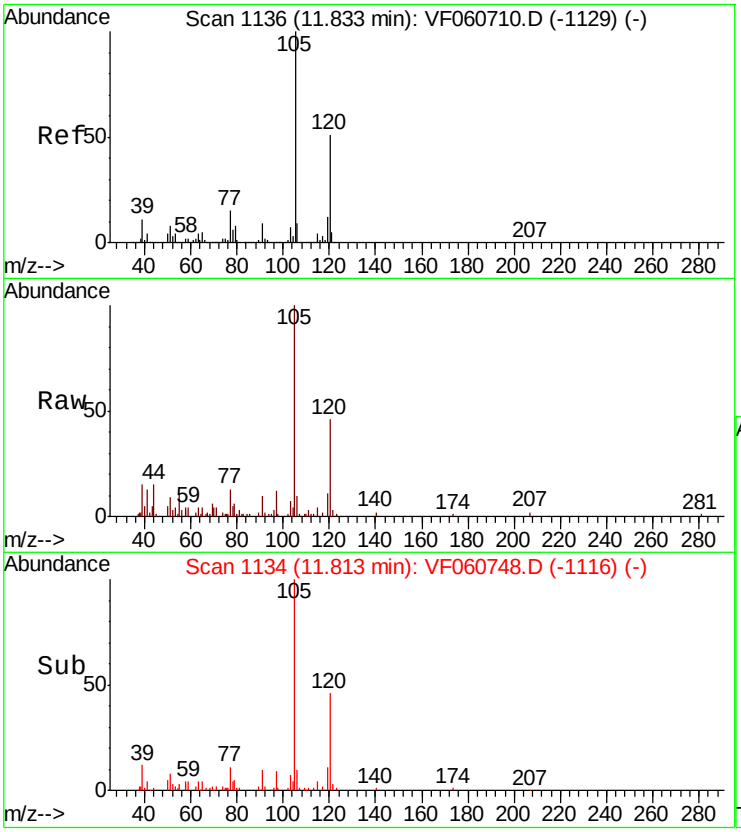


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion:152 Resp: 206394

Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.9	83.7
150	148.0	0.0	316.4



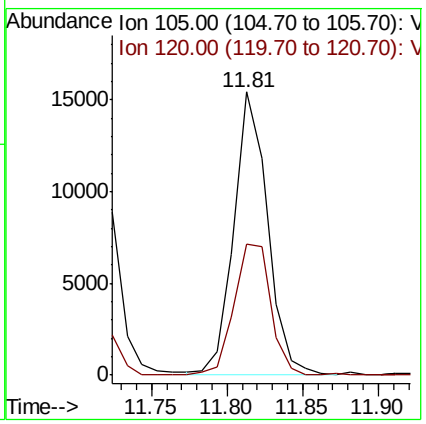


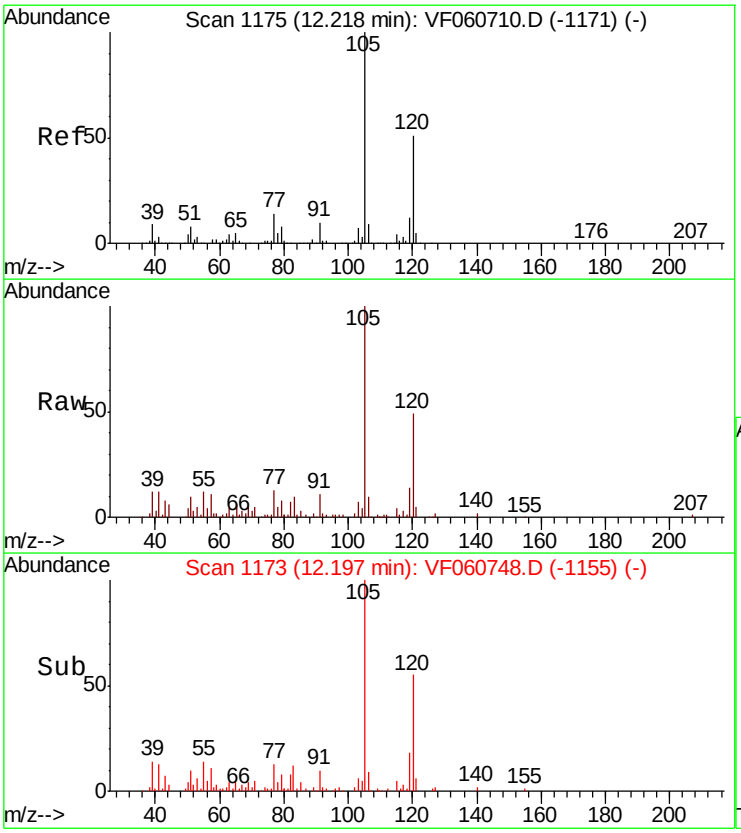
#80
1,3,5-Trimethylbenzene
Concen: 1.816 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.02 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 23955

Ion	Ratio	Lower	Upper
105	100		
120	46.4	25.6	76.8

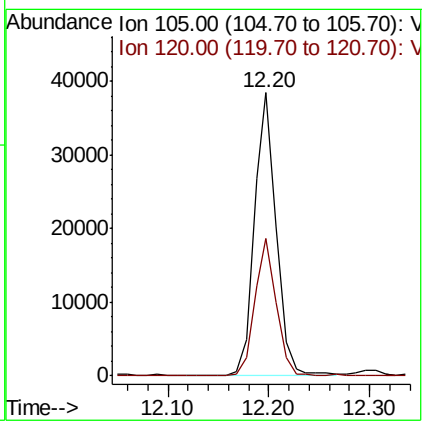


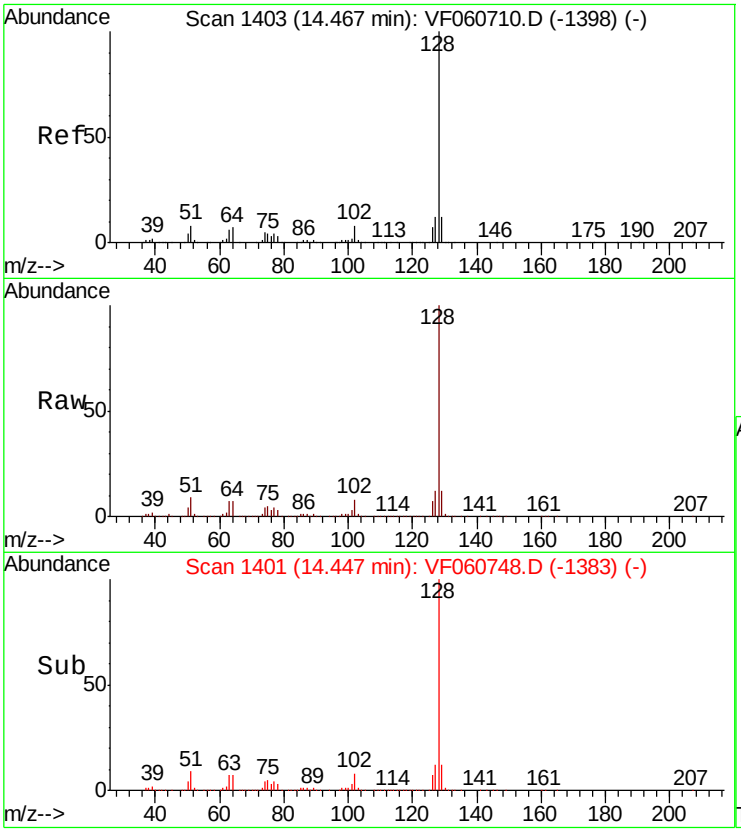


#84
1,2,4-Trimethylbenzene
Concen: 4.249 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.02 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Tgt Ion:105 Resp: 57961

Ion	Ratio	Lower	Upper
105	100		
120	48.6	25.5	76.5





#95
Naphthalene
Concen: 70.141 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF060748.D
Acq: 15 Nov 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 596062

Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6
129	12.0	9.3	13.9