Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122718\
Data File : VF061220.D
Acq On : 27 Dec 2018 20:59
Operator : VA/AP
Sample : J6195-11RE
Misc : 6.78g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OR-01-122618-A

Quant Time: Dec 27 23:51:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	175889	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	338501	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	273291	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	116472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	126137	55.76	ug/l	-0.01
Spiked Amount 50.000			Recovery = 111.52%			
35) Dibromofluoromethane	4.09	113	137076	50.55	ug/l	-0.02
Spiked Amount 50.000			Recovery = 101.10%			
50) Toluene-d8	7.53	98	300984	39.17	ug/l	-0.02
Spiked Amount 50.000			Recovery = 78.34%			
62) 4-Bromofluorobenzene	11.40	95	143168	40.41	ug/l	-0.01
Spiked Amount 50.000			Recovery = 80.82%			
Target Compounds						Qvalue
13) Acrolein	2.04	56	232	3.517	ug/l	93
15) Acrylonitrile	2.92	53	381	1.805	ug/l #	14
16) Acetone	2.22	43	8937	19.761	ug/l	95
18) Methyl Acetate	2.33	43	2381	2.545	ug/l #	66
20) Methylene Chloride	2.23	84	5225	Below Cal		87
49) 1,4-Dioxane	6.55	88	65	6.504	ug/l #	23
69) o-Xylene	10.70	106	7949	1.980	ug/l	93
70) Styrene	10.77	104	125	Below Cal #		30
80) 1,3,5-Trimethylbenzene	11.81	105	35922	4.346	ug/l	92
86) p-Isopropyltoluene	12.41	119	25105	2.725	ug/l	92
87) 1,3-Dichlorobenzene	12.45	146	77	Below Cal #		1
89) n-Butylbenzene	12.82	91	22820	2.290	ug/l #	4
95) Naphthalene	14.45	128	8081	1.616	ug/l #	41

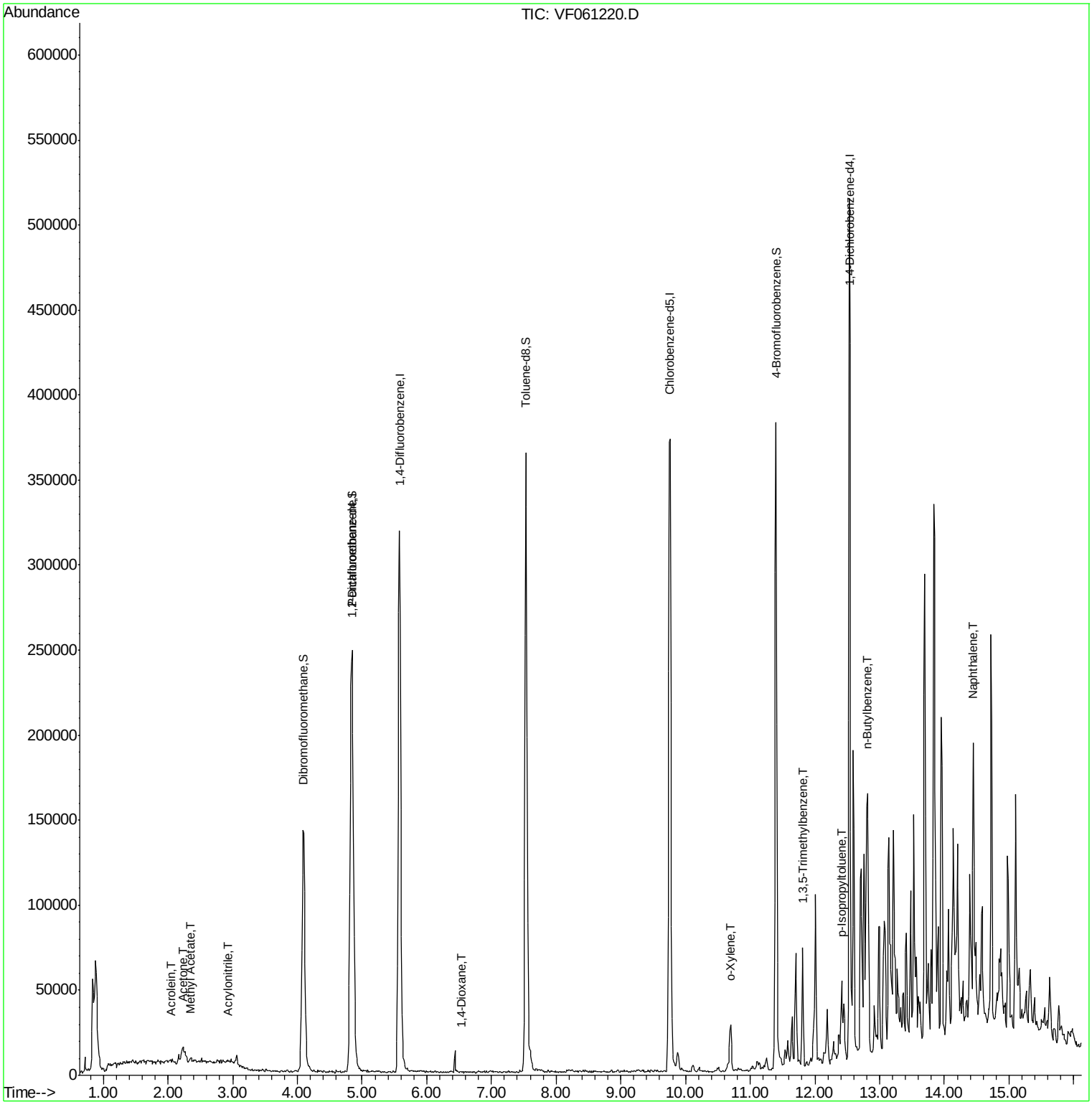
(#) = qualifier out of range (m) = manual integration (+) = signals summed

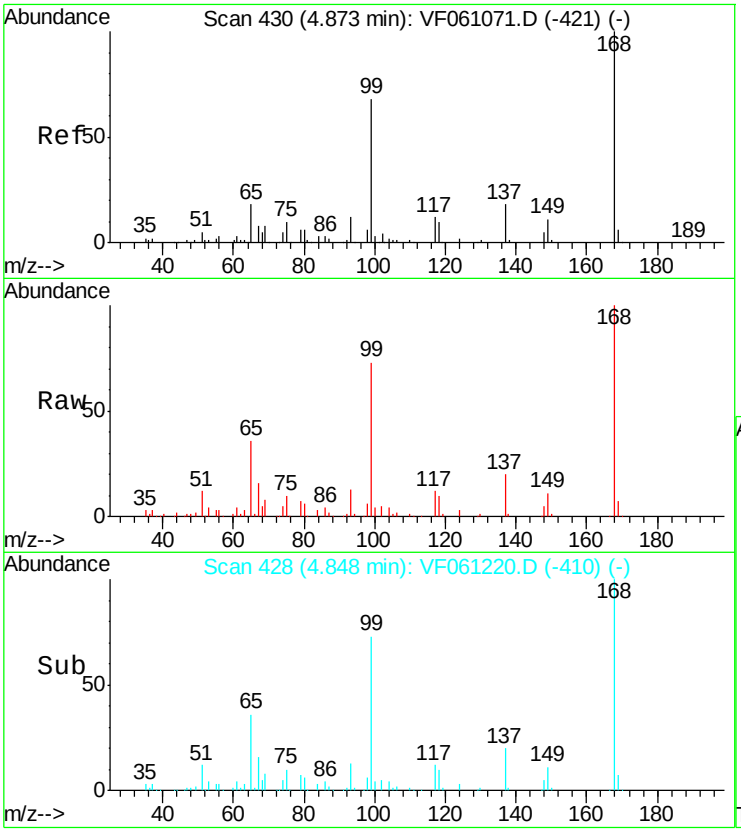
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122718\
Data File : VF061220.D
Acq On : 27 Dec 2018 20:59
Operator : VA/AP
Sample : J6195-11RE
Misc : 6.78g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-01-122618-A

Quant Time: Dec 27 23:51:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



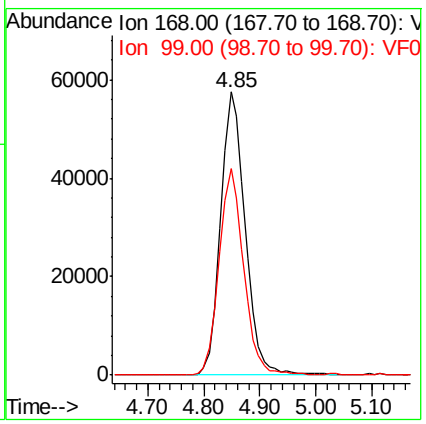


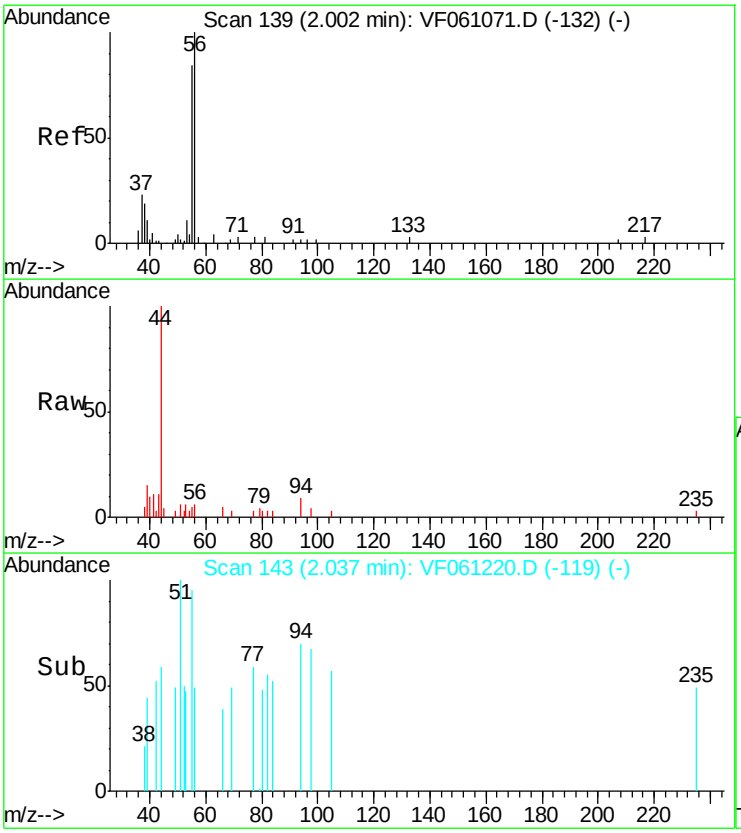
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:168 Resp: 175889

Ion	Ratio	Lower	Upper
168	100		
99	73.1	54.4	81.6

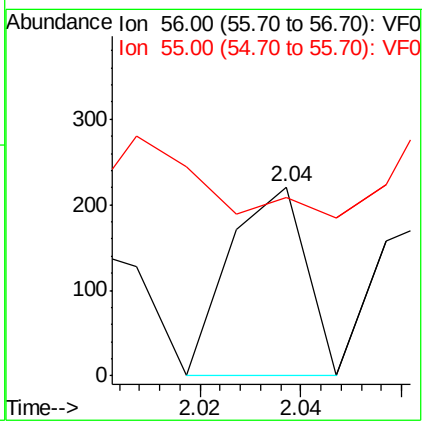


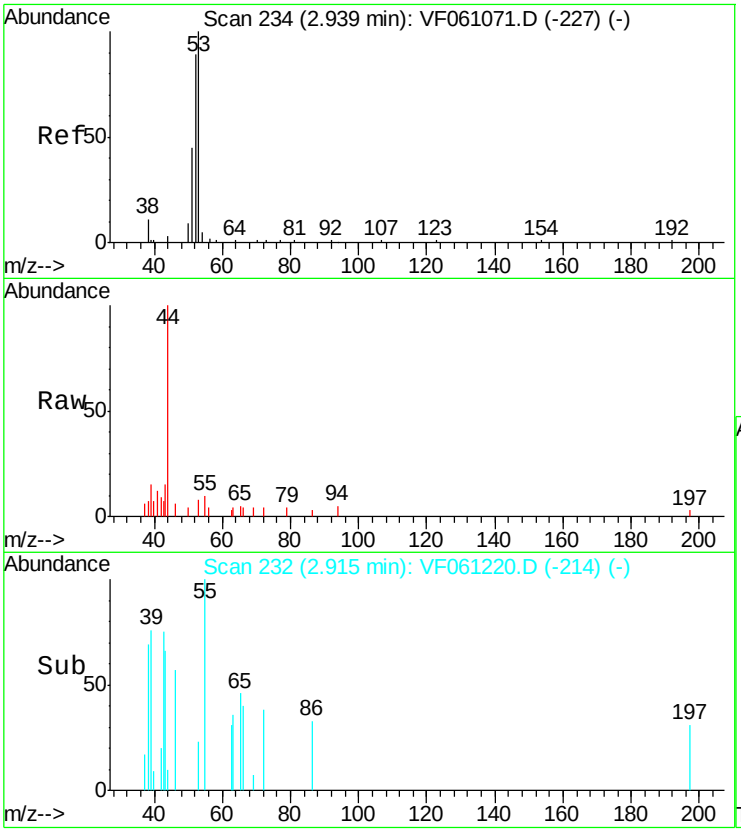


#13
Acrolein
Concen: 3.517 ug/l
RT: 2.04 min Scan# 143
Delta R.T. 0.04 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Tgt Ion: 56 Resp: 232

Ion	Ratio	Lower	Upper
56	100		
55	94.6	70.2	105.2



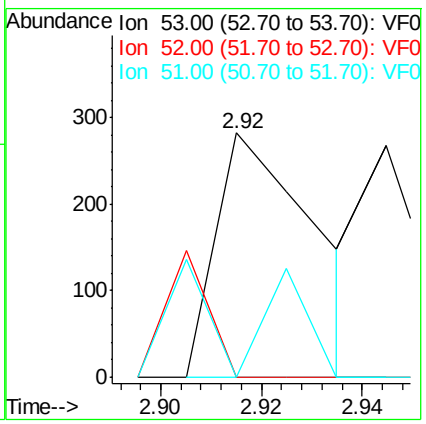


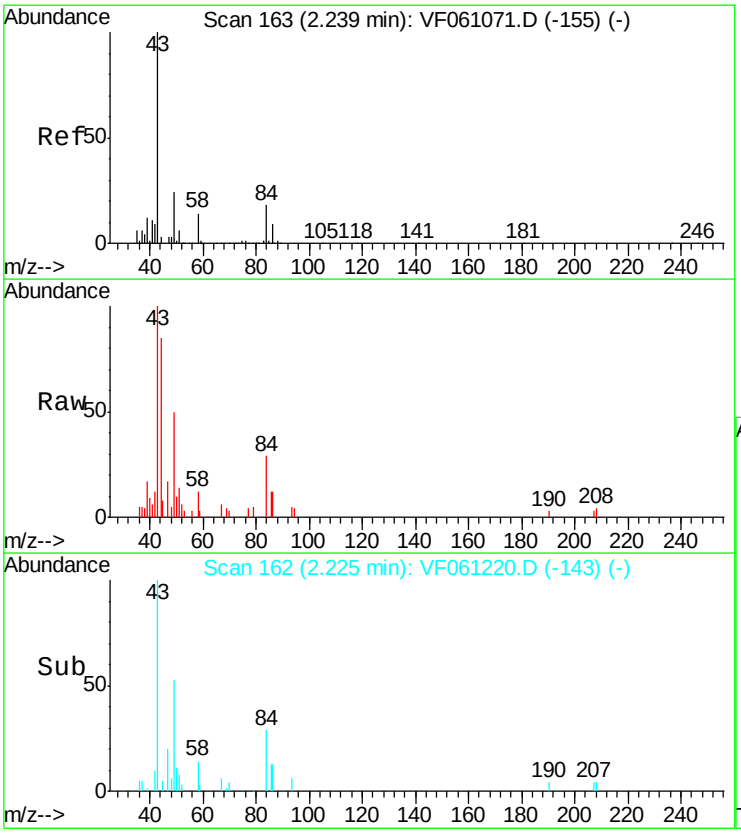
#15
Acrylonitrile
Concen: 1.805 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.02 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion: 53 Resp: 381

Ion	Ratio	Lower	Upper
53	100		
52	0.0	71.3	106.9#
51	0.0	36.8	55.2#

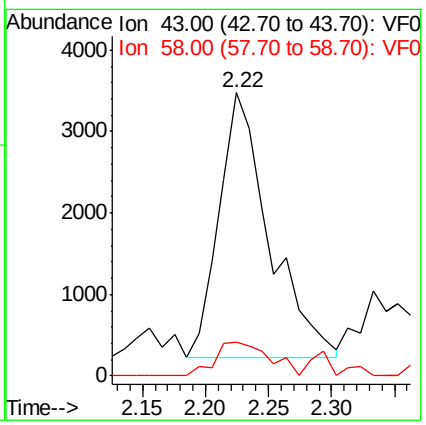


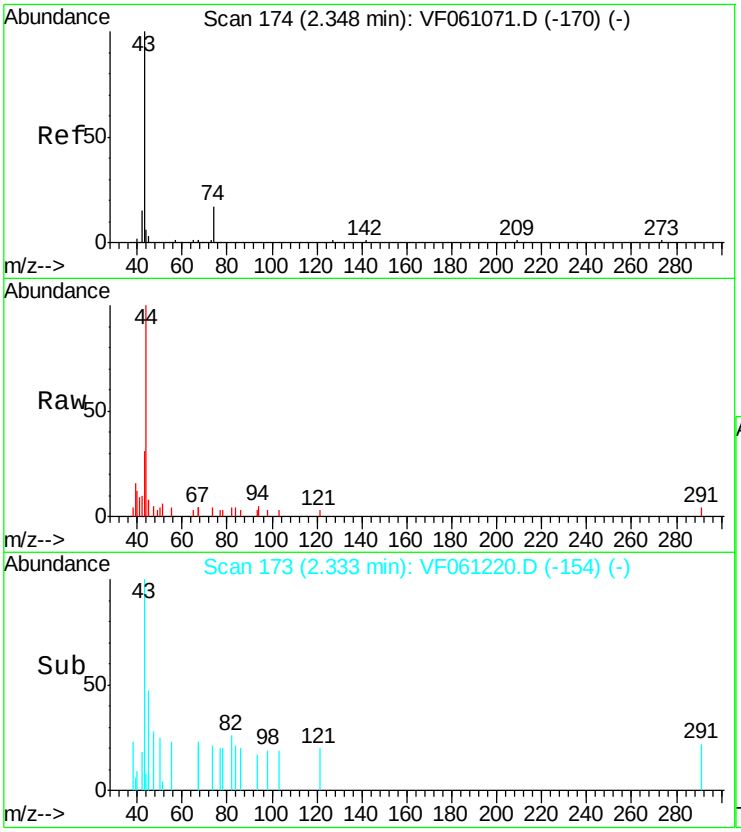


#16
Acetone
Concen: 19.761 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Tgt Ion: 43 Resp: 8937

Ion	Ratio	Lower	Upper
43	100		
58	12.1	11.1	16.7



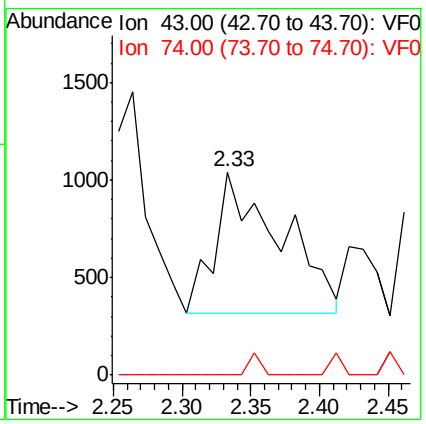


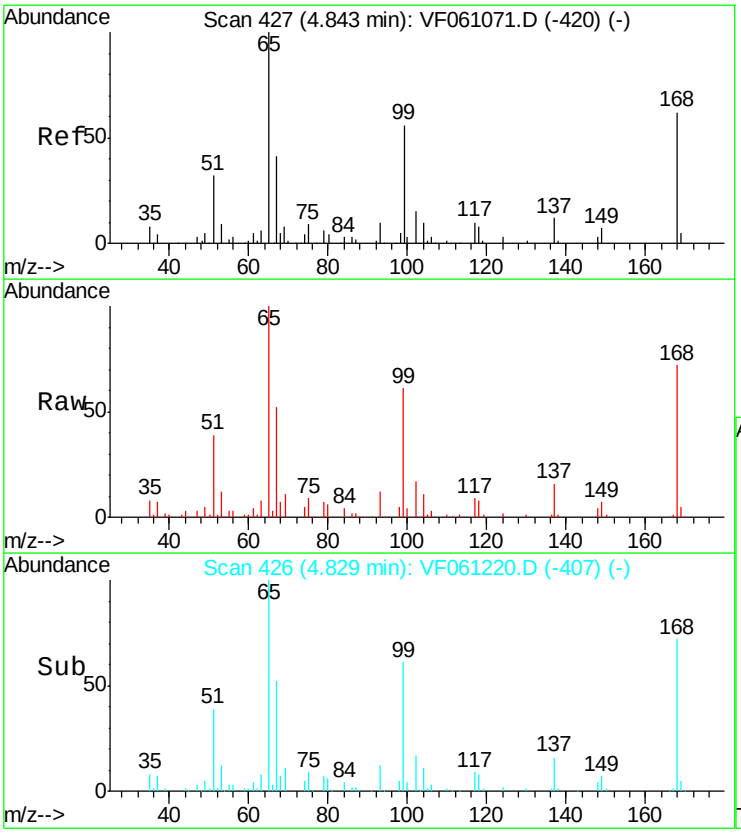
#18
Methyl Acetate
Concen: 2.545 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.01 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Instrument : MSVOA_F
ClientSampleId : OR-01-122618-A

Tgt Ion: 43 Resp: 2381

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#

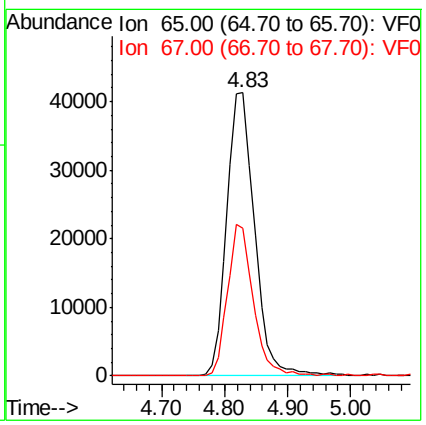


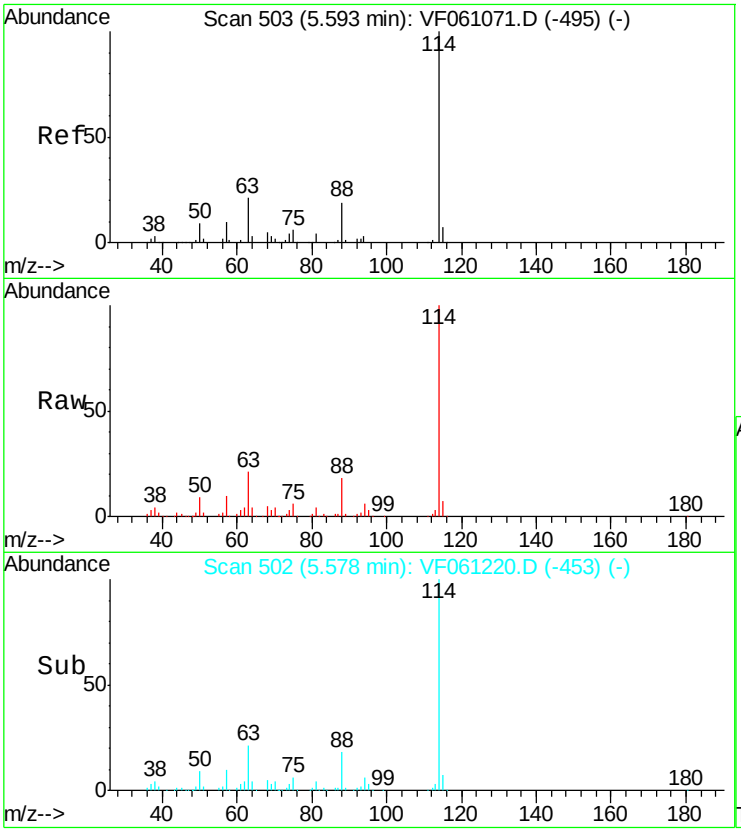


#33
1,2-Dichloroethane-d4
Concen: 55.758 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Tgt Ion: 65 Resp: 126137

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	94.6



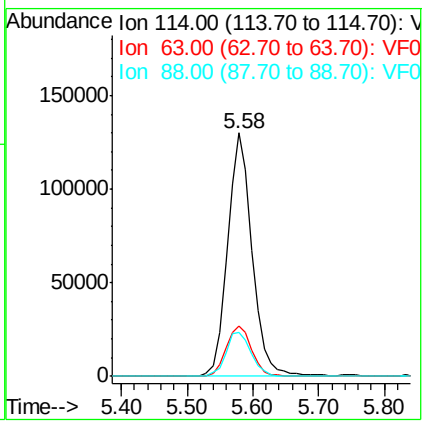


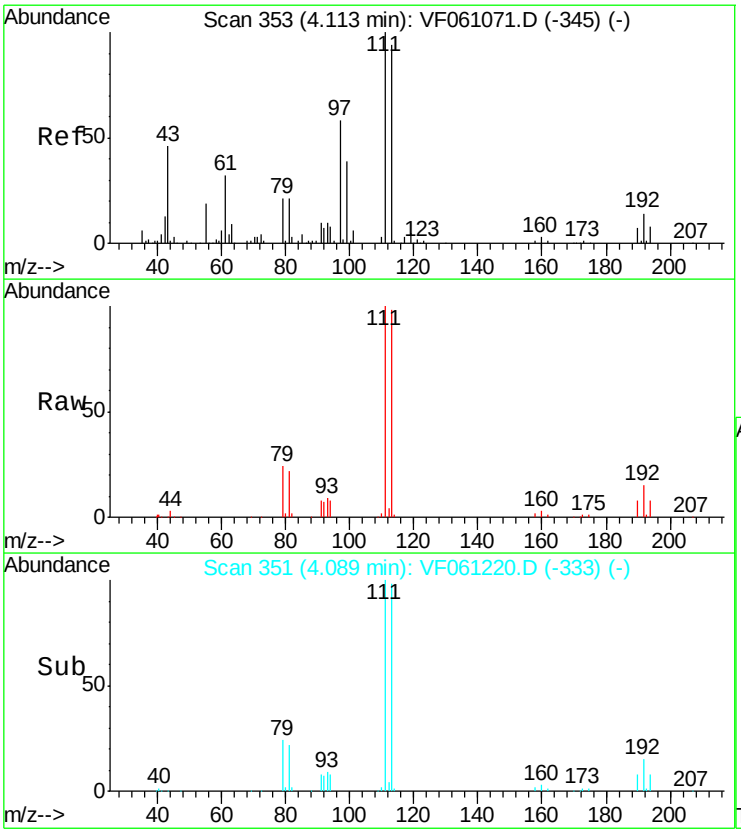
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:114 Resp: 338501

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.6
88	18.1	0.0	38.0

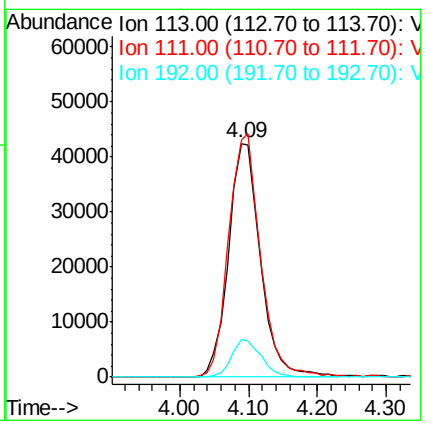


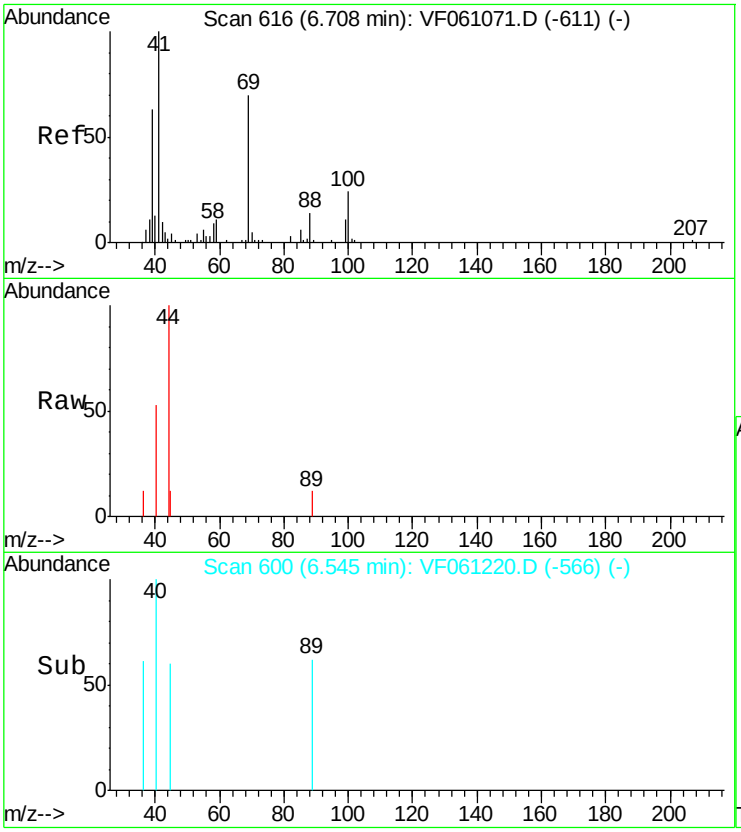


#35
Dibromofluoromethane
Concen: 50.552 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Tgt Ion:113 Resp: 137076

Ion	Ratio	Lower	Upper
113	100		
111	101.6	85.2	127.8
192	15.9	12.8	19.2



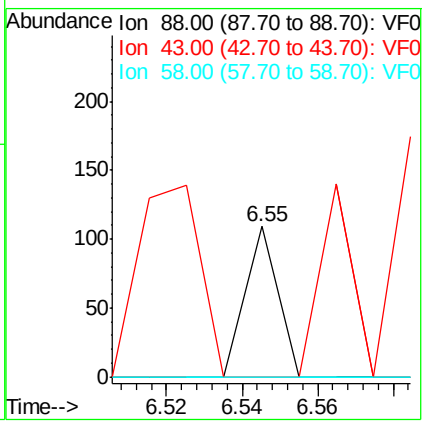


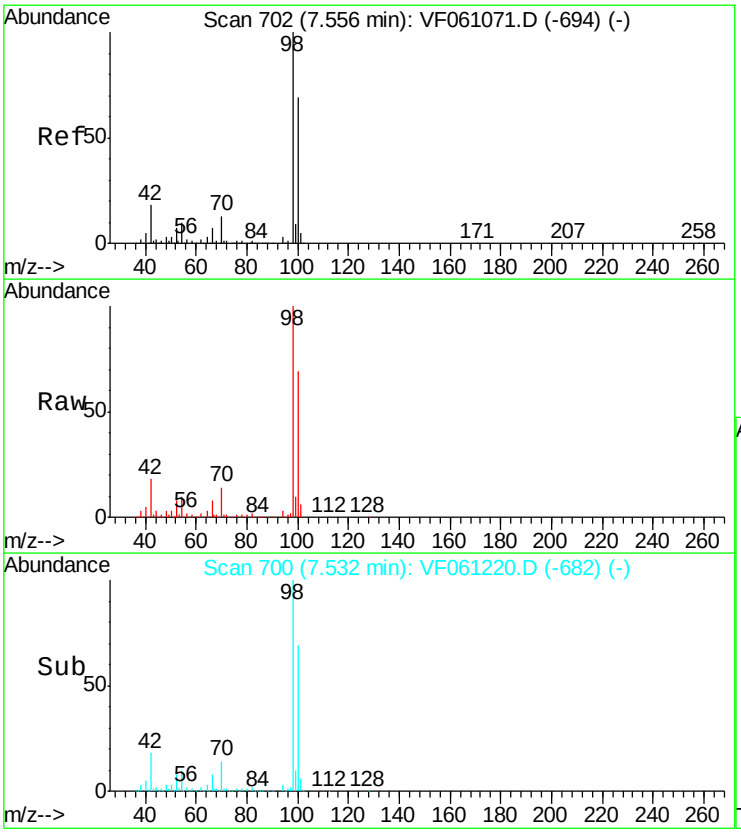
#49
1,4-Dioxane
Concen: 6.504 ug/l
RT: 6.55 min Scan# 600
Delta R.T. -0.16 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Instrument : MSVOA_F
ClientSampleId : OR-01-122618-A

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	0.0	33.3	49.9#
58	0.0	53.2	79.8#

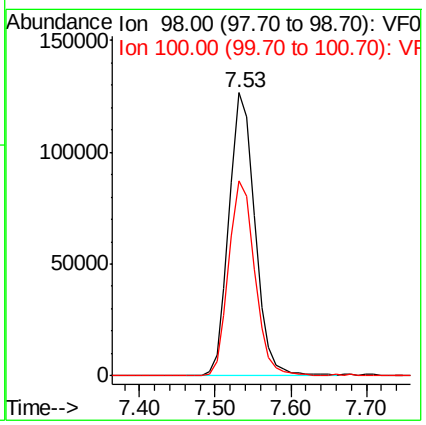


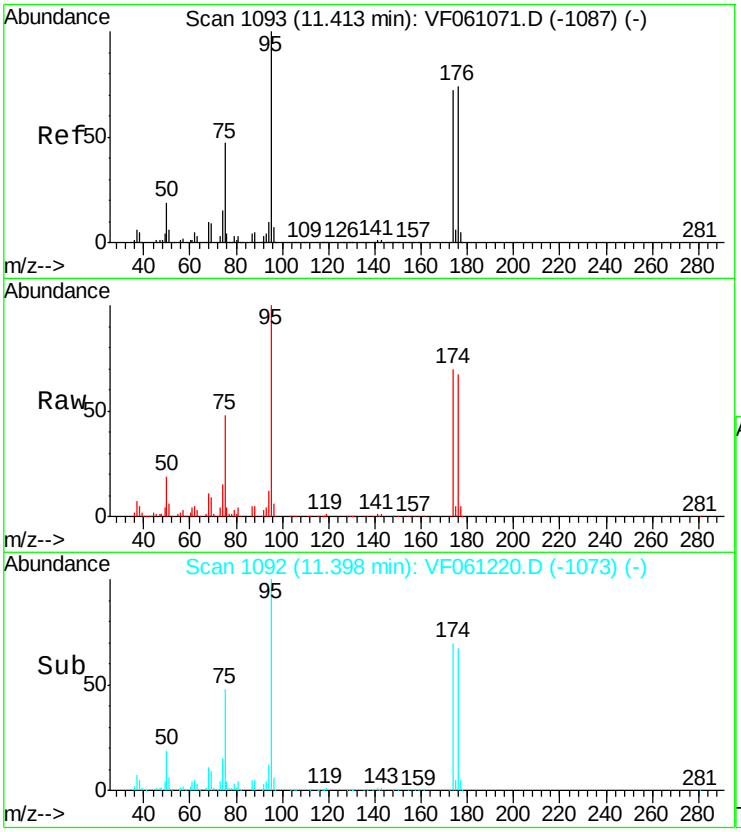


#50
Toluene-d8
Concen: 39.169 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Tgt Ion: 98 Resp: 300984

Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.3	82.9



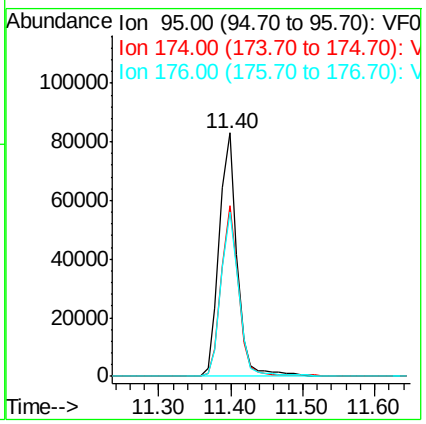


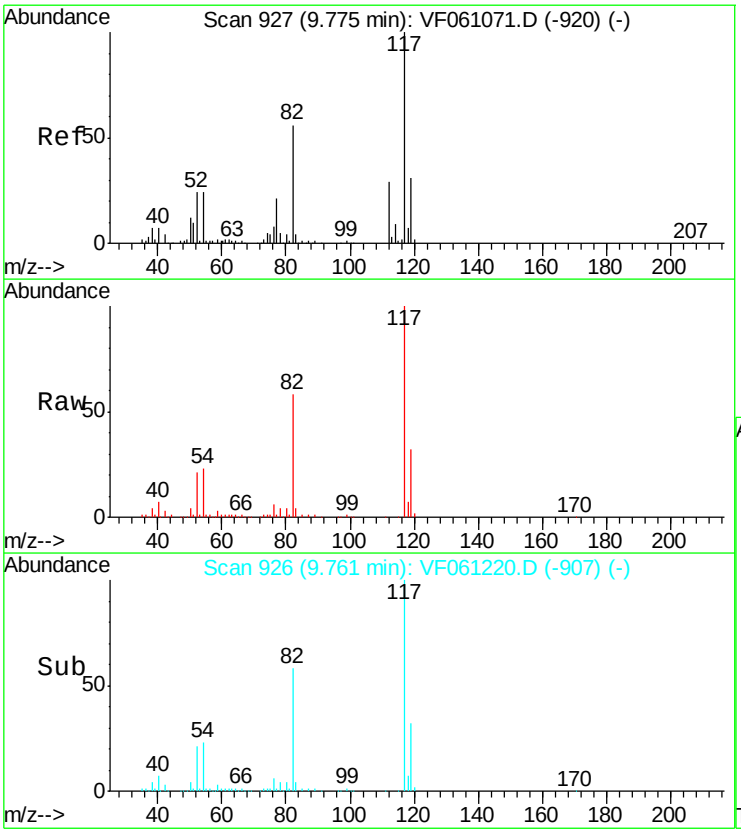
#62
4-Bromofluorobenzene
Concen: 40.414 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion: 95 Resp: 143168

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	143.8
176	67.3	0.0	147.6

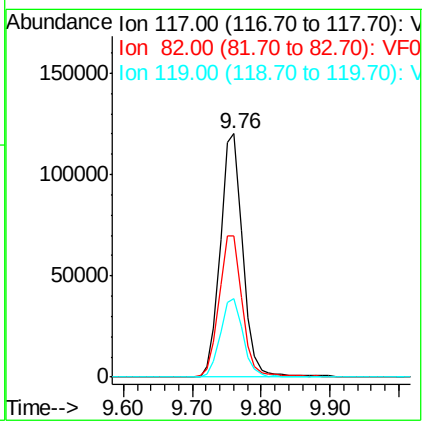


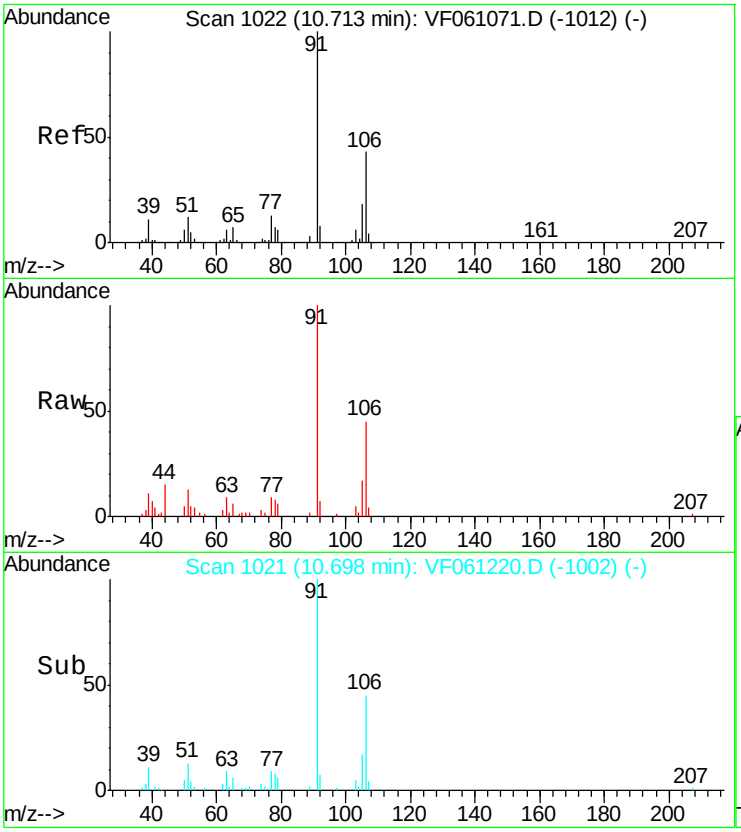


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Tgt Ion:117 Resp: 273291

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.0	67.4
119	32.1	24.8	37.2



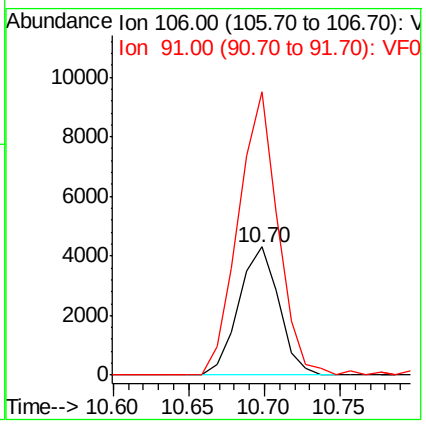


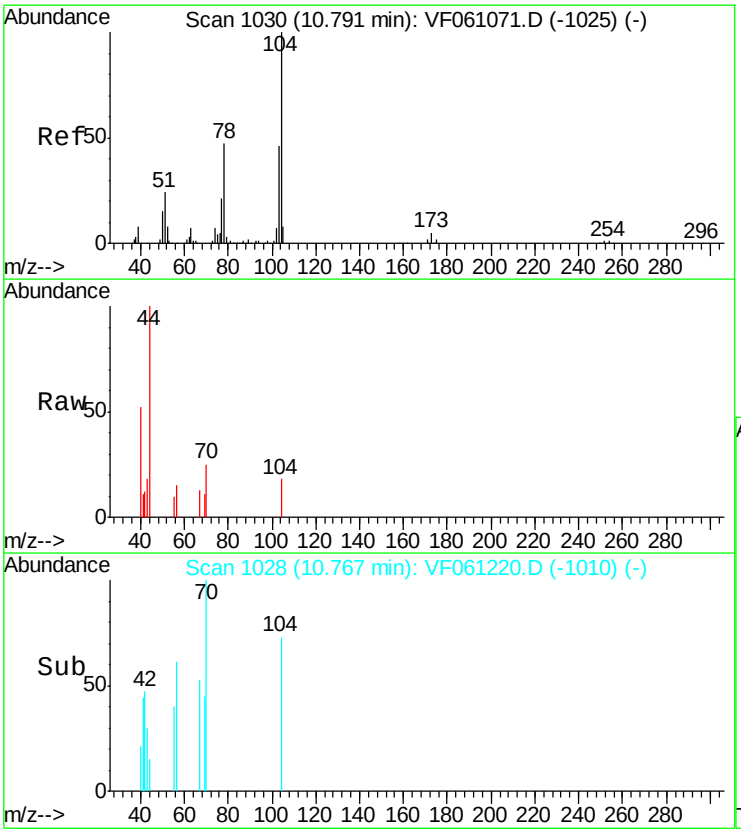
#69
o-Xylene
Concen: 1.980 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.01 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Instrument : MSVOA_F
ClientSampleId : OR-01-122618-A

Tgt Ion:106 Resp: 7949

Ion	Ratio	Lower	Upper
106	100		
91	220.8	115.9	347.7

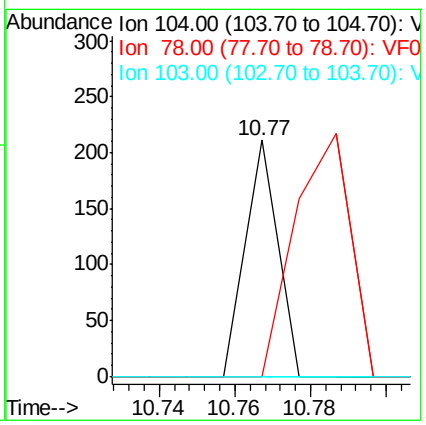


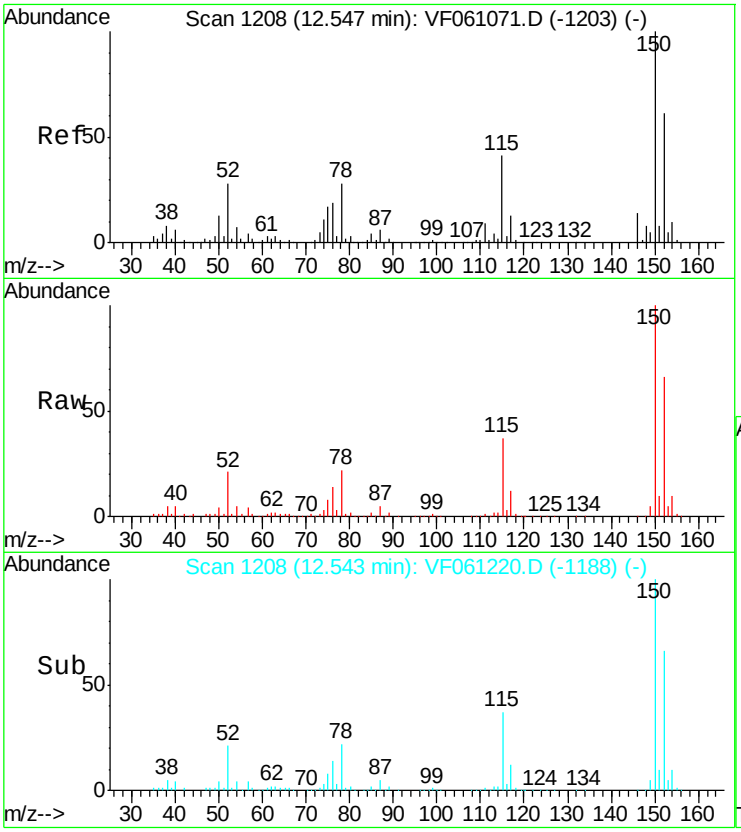


#70
Styrene
Concen: Below Cal
RT: 10.77 min Scan# 1028
Delta R.T. -0.02 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Tgt Ion:104 Resp: 125

Ion	Ratio	Lower	Upper
104	100		
78	0.0	38.4	57.6#
103	0.0	37.0	55.6#



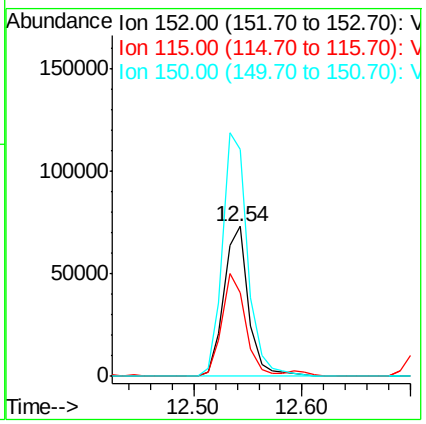


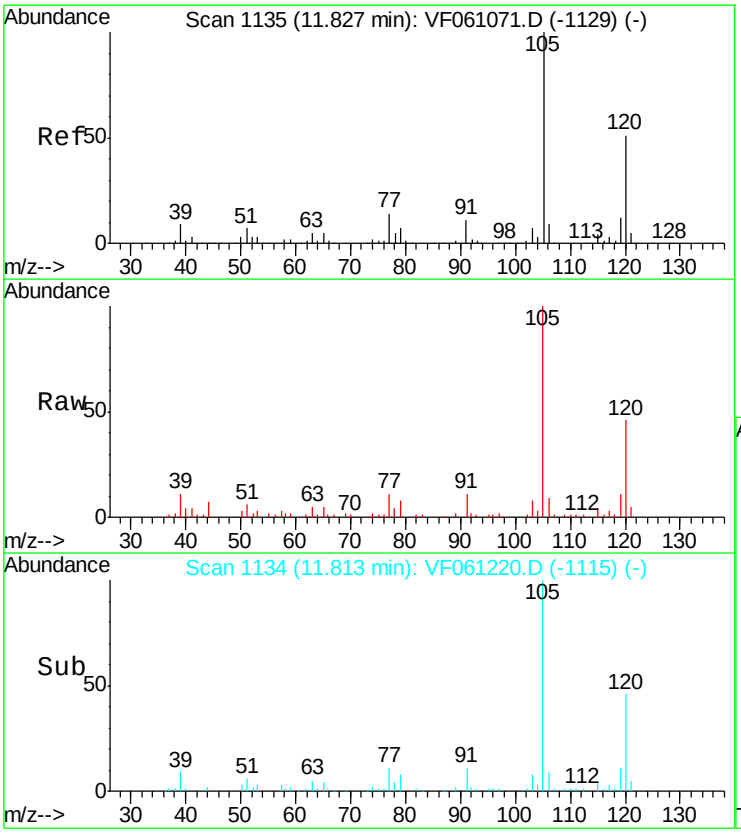
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:152 Resp: 116472

Ion	Ratio	Lower	Upper
152	100		
115	55.9	33.3	99.9
150	151.7	0.0	328.2

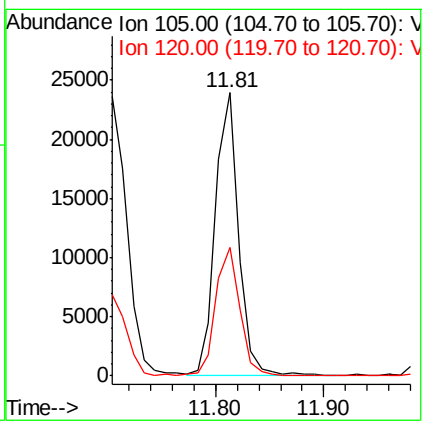


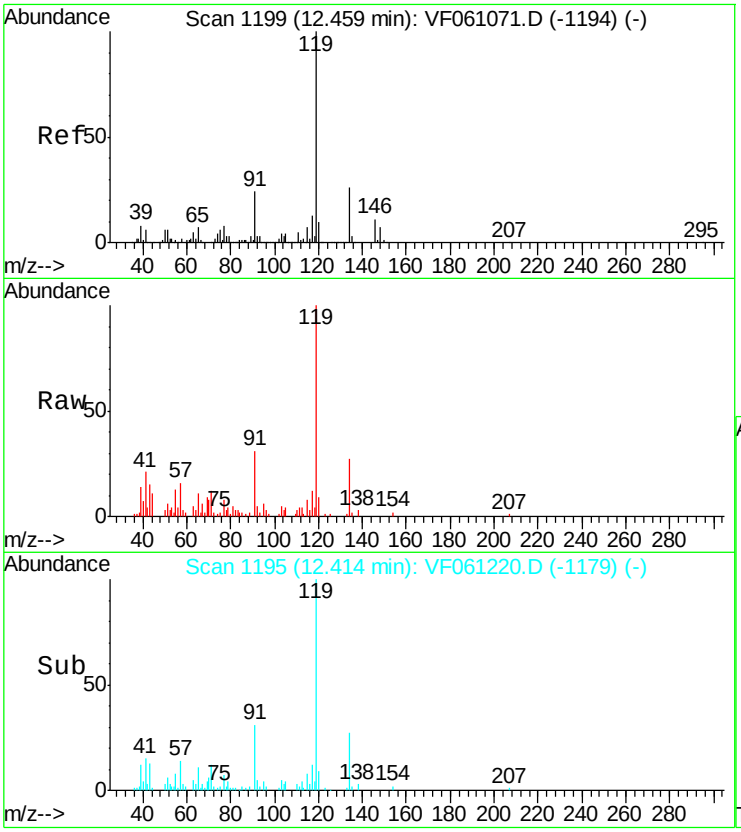


#80
1,3,5-Trimethylbenzene
Concen: 4.346 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.01 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Tgt Ion:105 Resp: 35922

Ion	Ratio	Lower	Upper
105	100		
120	45.6	25.4	76.4



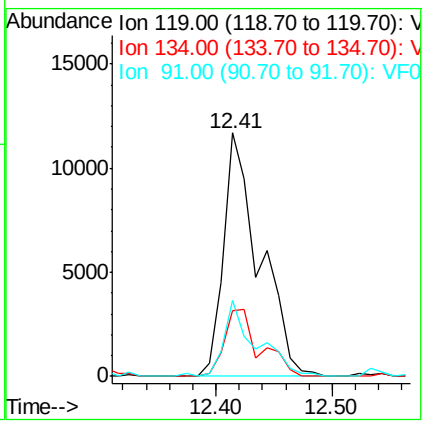


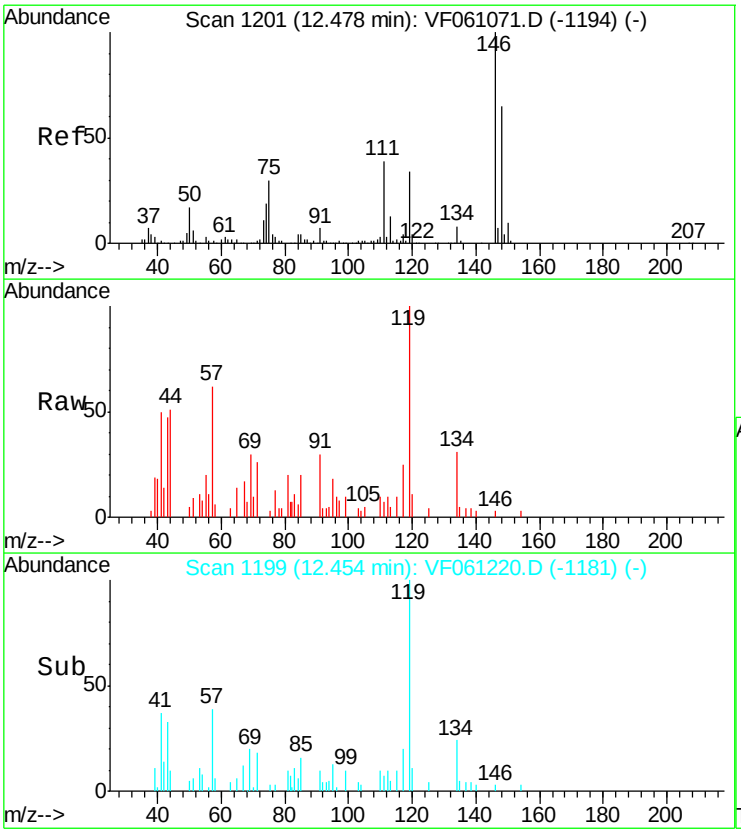
#86
p-Isopropyltoluene
Concen: 2.725 ug/l
RT: 12.41 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:119 Resp: 25105

Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.8	38.4
91	31.4	12.2	36.6

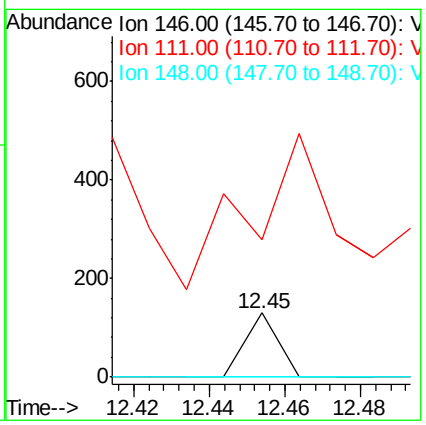


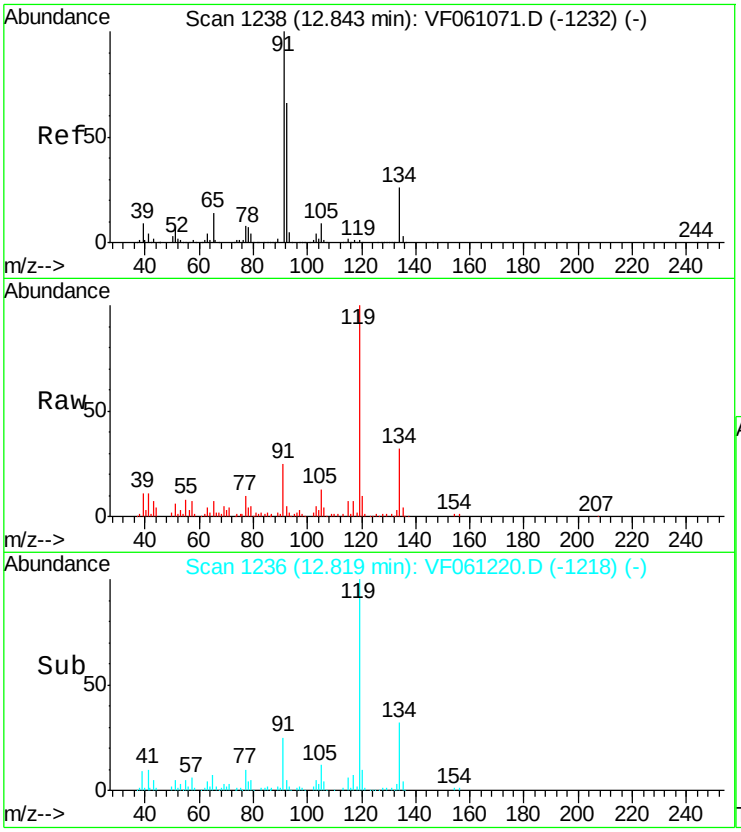


#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.45 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Tgt Ion:146 Resp: 77

Ion	Ratio	Lower	Upper
146	100		
111	215.4	19.3	57.9#
148	0.0	32.4	97.2#



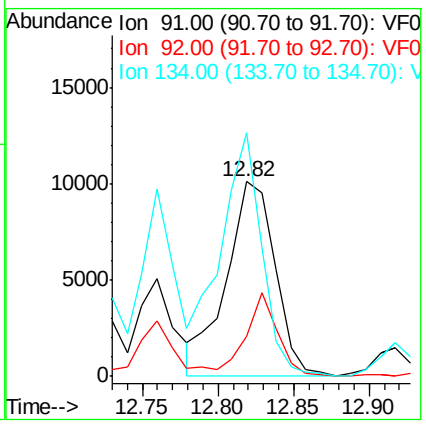


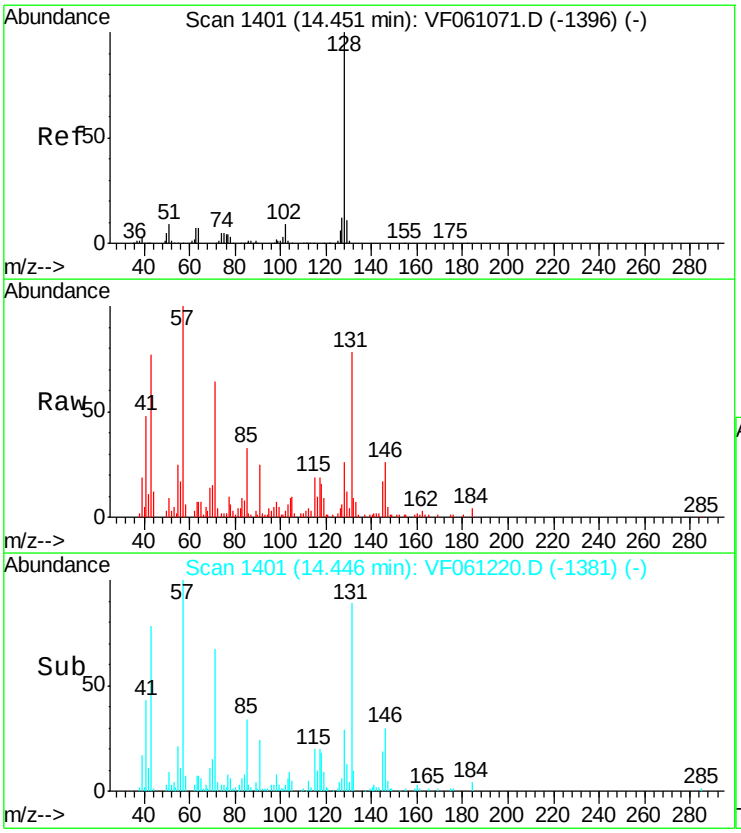
#89
n-Butylbenzene
Concen: 2.290 ug/l
RT: 12.82 min Scan# 1236
Delta R.T. -0.02 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion: 91 Resp: 22820

Ion	Ratio	Lower	Upper
91	100		
92	20.4	32.8	98.4#
134	125.3	13.2	39.5#





#95
Naphthalene
Concen: 1.616 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VF061220.D
Acq: 27 Dec 2018 20:59

Tgt Ion:128 Resp: 8081

Ion	Ratio	Lower	Upper
128	100		
127	21.8	9.4	14.2#
129	46.8	8.8	13.2#