Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022119\
Data File : VF061699.D
Acq On : 21 Feb 2019 15:42
Operator : VA/AP
Sample : K1344-05
Misc : 5.18g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : NB-07-022019-A

Quant Time: Feb 22 03:28:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	375771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	577240	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	488927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	271350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	128375	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.18%			
35) Dibromofluoromethane	4.12	113	195216	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.08%			
50) Toluene-d8	7.56	98	496846	40.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.64%			
62) 4-Bromofluorobenzene	11.42	95	209496	42.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.04%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	478	2.997	ug/l #	1
13) Acrolein	2.01	56	403	2.011	ug/l #	1
15) Acrylonitrile	2.94	53	748	1.322	ug/l #	58
16) Acetone	2.24	43	20830	35.232	ug/l #	87
18) Methyl Acetate	2.38	43	8254	6.197	ug/l #	59
20) Methylene Chloride	2.27	84	11313	1.106	ug/l	87
25) 2-Butanone	4.35	43	2334	1.807	ug/l #	39
29) Tetrahydrofuran	4.10	42	1337	2.278	ug/l #	78
51) 4-Methyl-2-Pentanone	8.27	43	2801	1.247	ug/l	89
68) m/p-Xylenes	10.13	106	8777	1.390	ug/l	87
69) o-Xylene	10.72	106	10274	1.525	ug/l	95
80) 1,3,5-Trimethylbenzene	11.83	105	21060	1.364	ug/l	97
84) 1,2,4-Trimethylbenzene	12.21	105	74868	4.880	ug/l	92
95) Naphthalene	14.45	128	19425	1.750	ug/l #	87

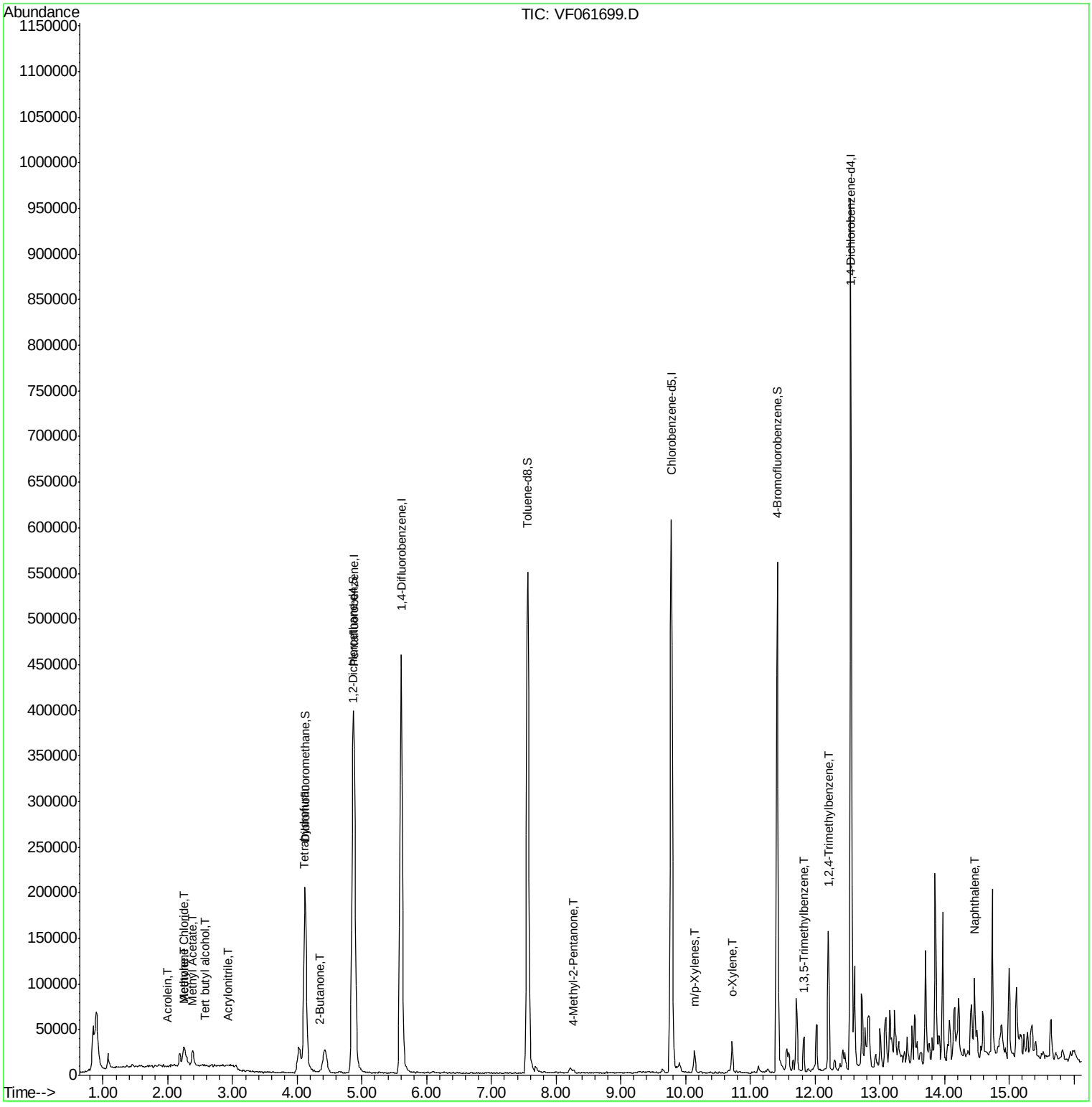
(#) = qualifier out of range (m) = manual integration (+) = signals summed

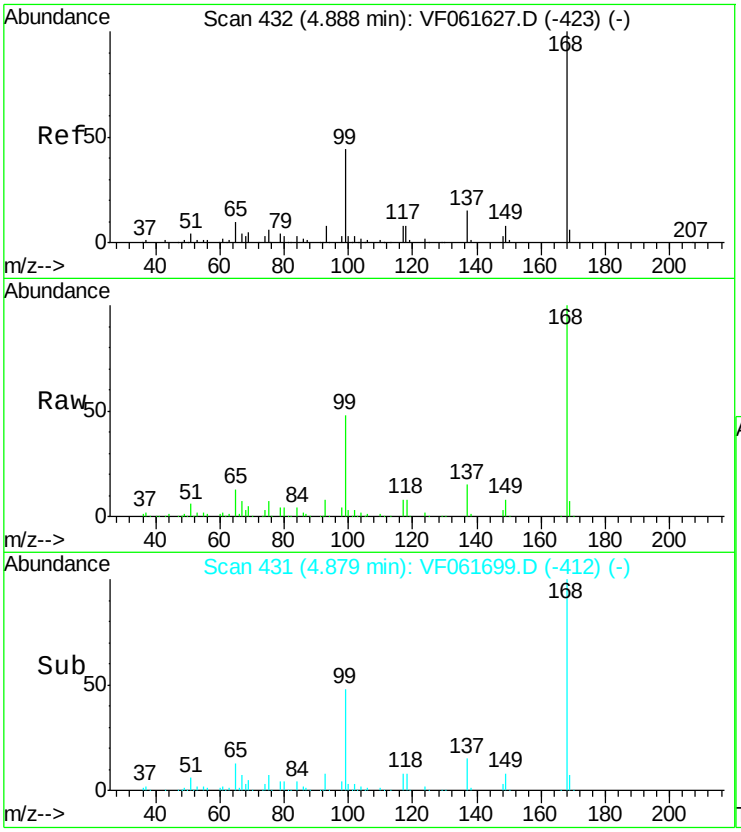
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022119\
Data File : VF061699.D
Acq On : 21 Feb 2019 15:42
Operator : VA/AP
Sample : K1344-05
Misc : 5.18g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

Quant Time: Feb 22 03:28:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration



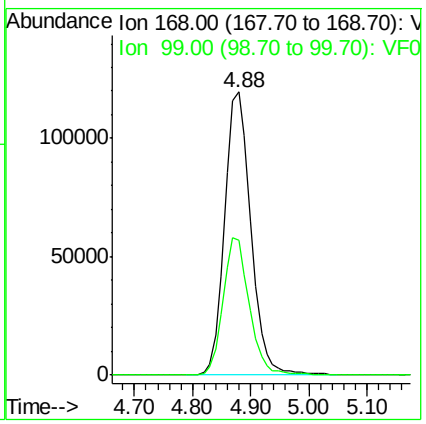


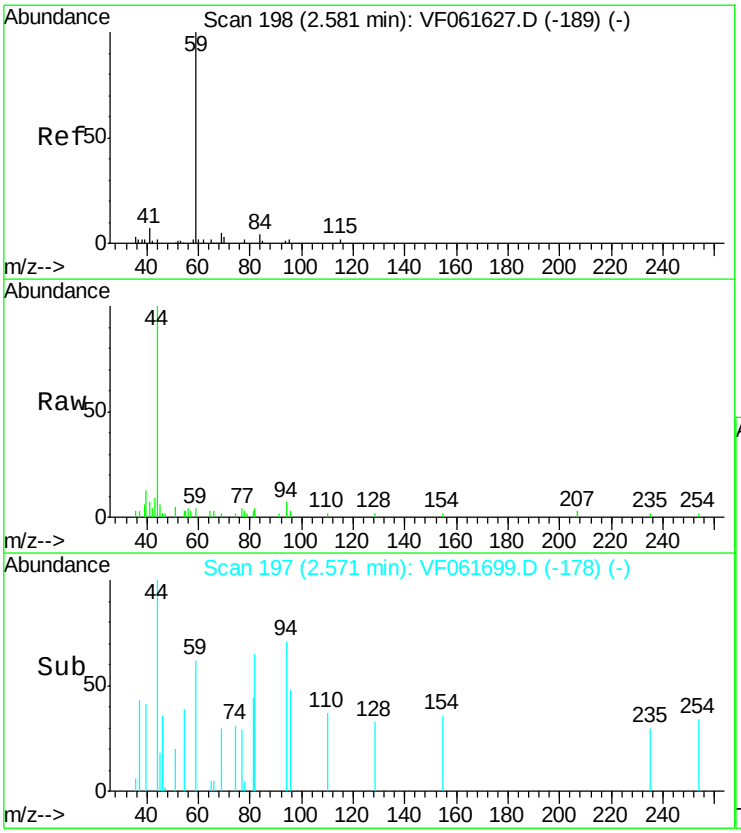
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

Tgt Ion:168 Resp: 375771

Ion	Ratio	Lower	Upper
168	100		
99	47.8	34.9	52.3

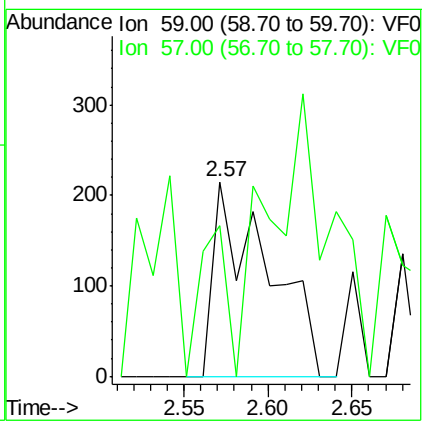


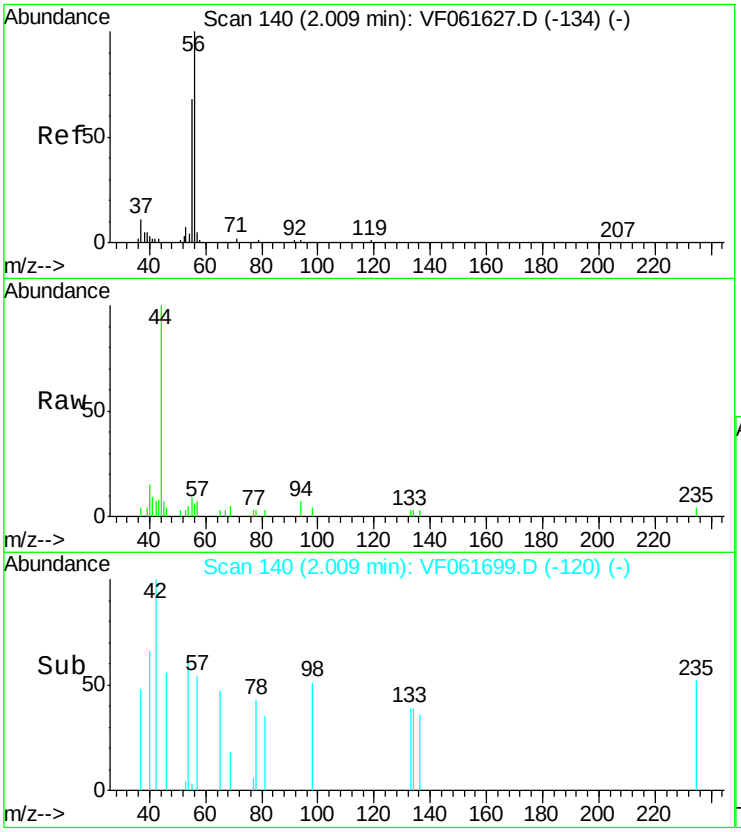


#11
Tert butyl alcohol
Concen: 2.997 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion: 59 Resp: 478

Ion	Ratio	Lower	Upper
59	100		
57	77.7	12.5	18.7#



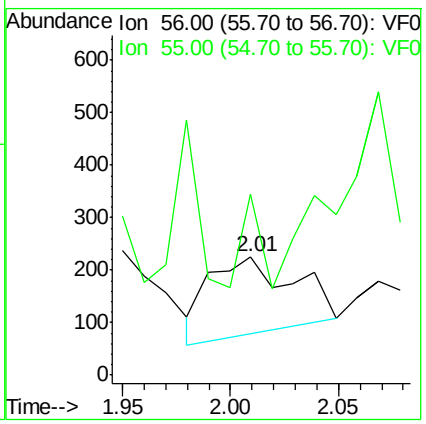


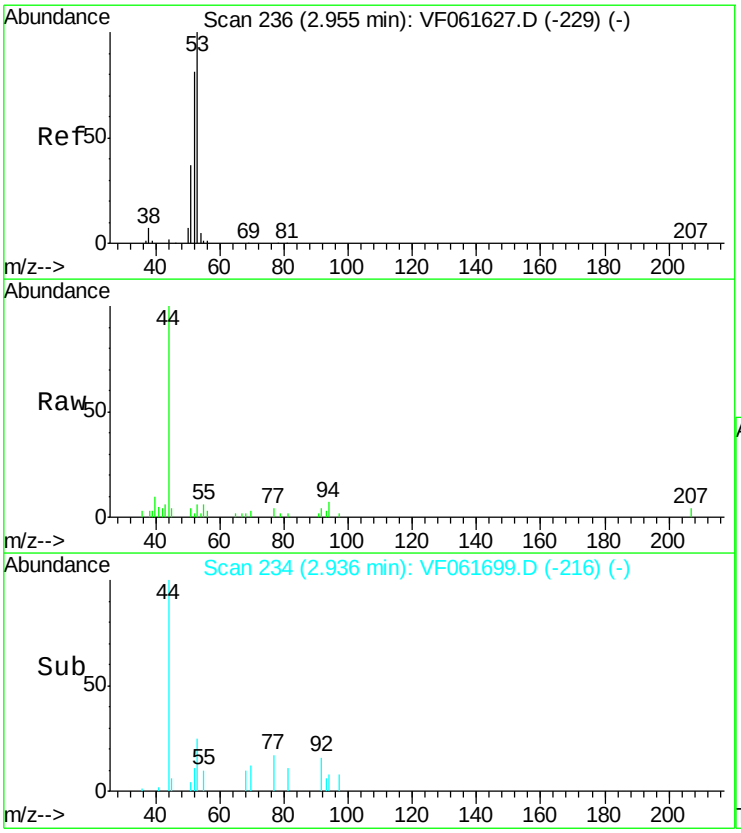
#13
Acrolein
Concen: 2.011 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.00 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument : MSVOA_F
ClientSampleId : NB-07-022019-A

Tgt Ion: 56 Resp: 403

Ion	Ratio	Lower	Upper
56	100		
55	152.2	55.0	82.6#

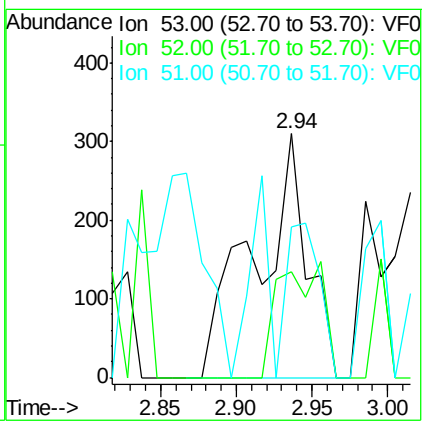


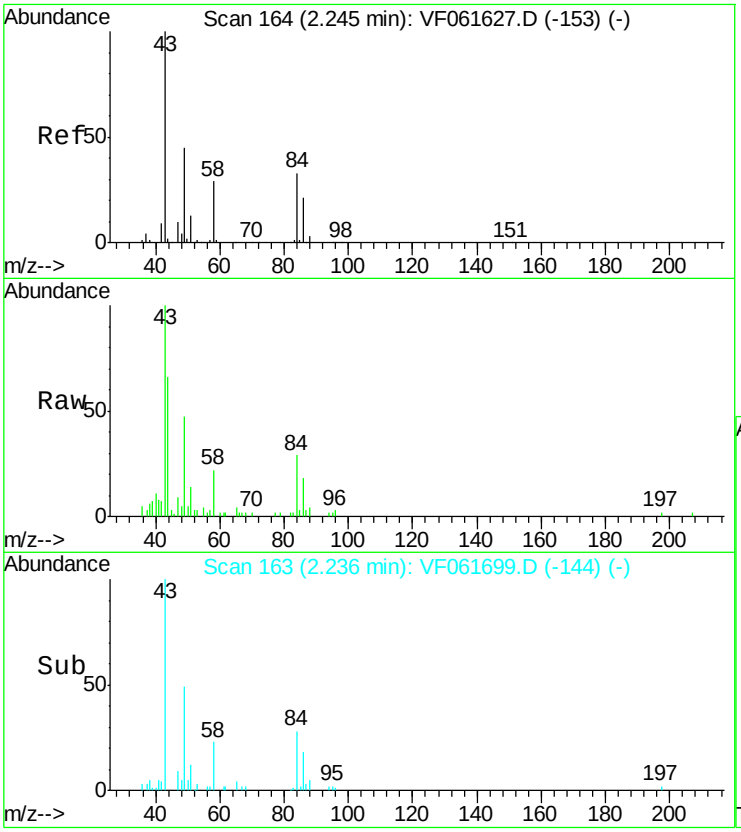


#15
Acrylonitrile
Concen: 1.322 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.02 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion: 53 Resp: 748

Ion	Ratio	Lower	Upper
53	100		
52	43.5	64.6	97.0#
51	61.9	29.8	44.8#



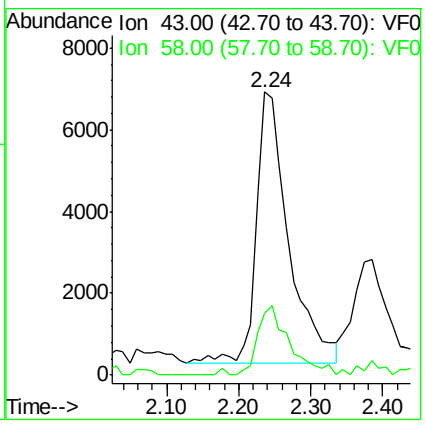


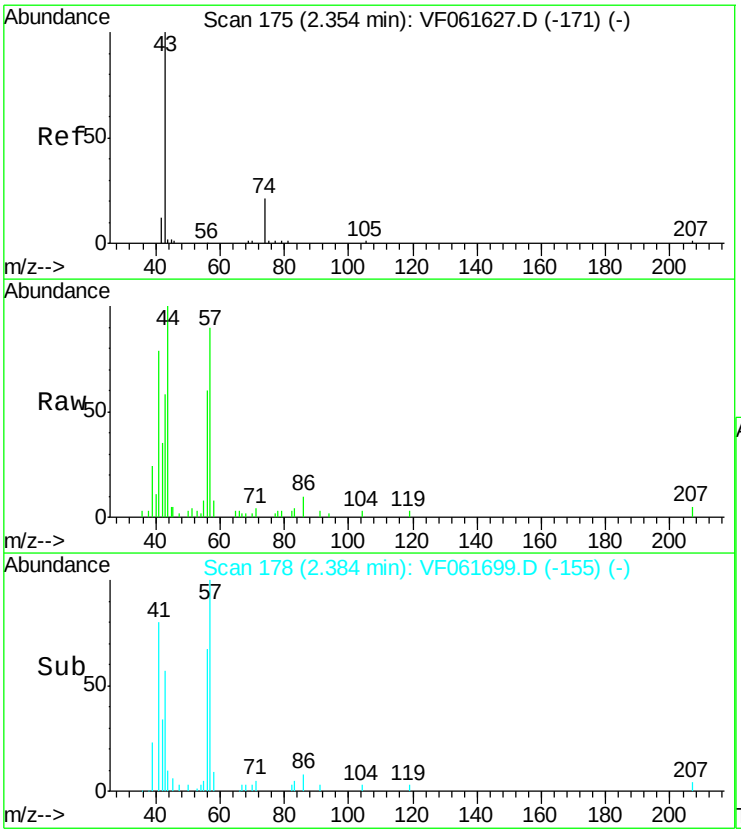
#16
Acetone
Concen: 35.232 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument : MSVOA_F
ClientSampleId : NB-07-022019-A

Tgt Ion: 43 Resp: 20830

Ion	Ratio	Lower	Upper
43	100		
58	21.9	22.9	34.3#

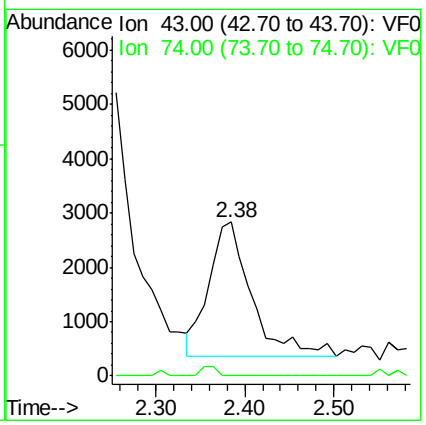


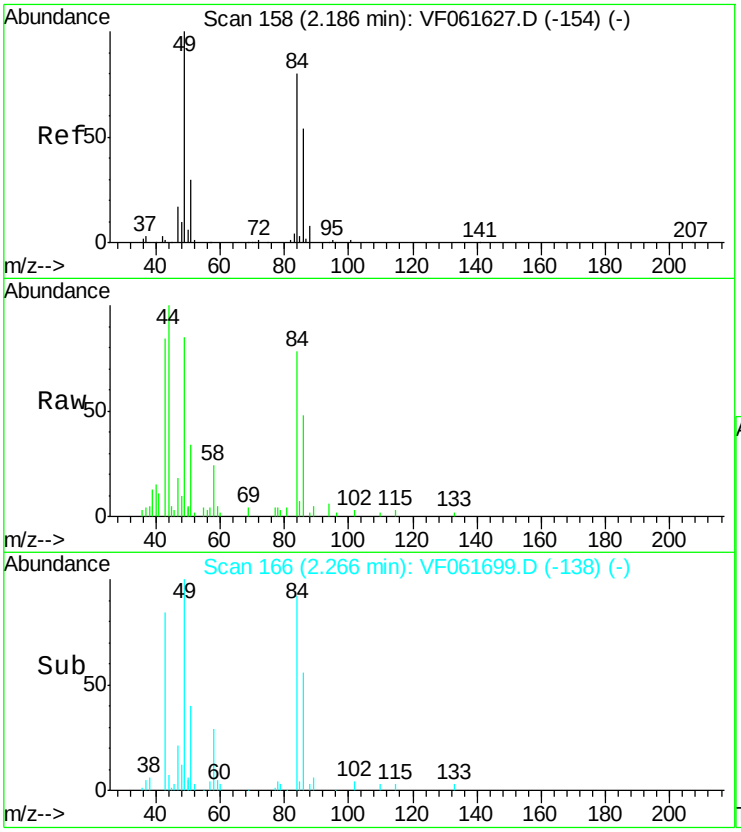


#18
Methyl Acetate
Concen: 6.197 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.03 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion: 43 Resp: 8254

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#



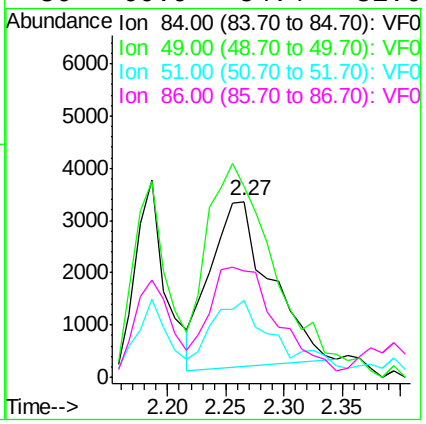


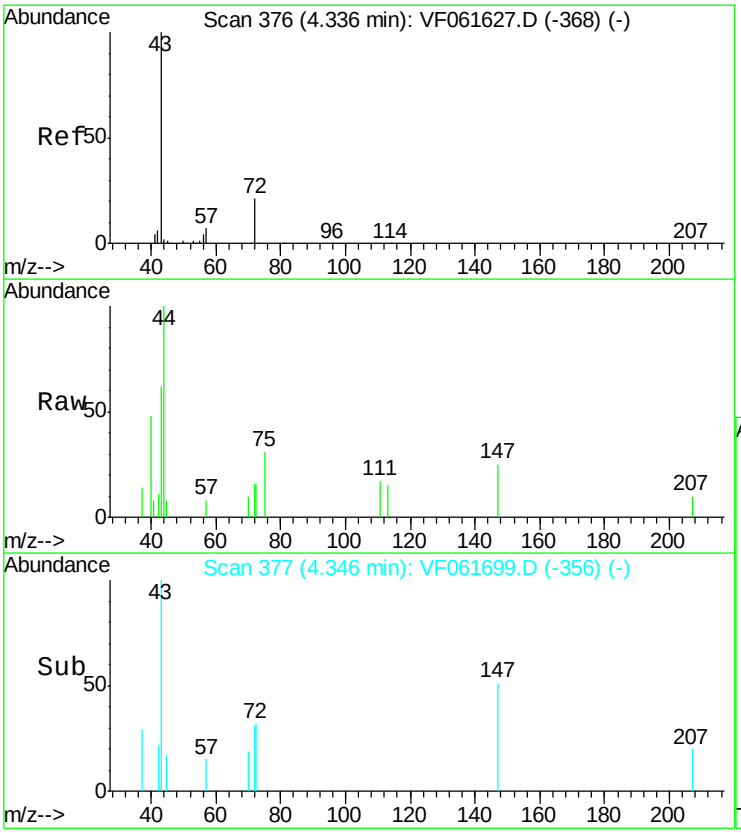
#20
Methylene Chloride
Concen: 1.106 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.08 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument : MSVOA_F
ClientSampleId : NB-07-022019-A

Tgt Ion: 84 Resp: 11313

Ion	Ratio	Lower	Upper
84	100		
49	108.5	101.8	152.8
51	43.6	31.1	46.7
86	60.9	54.4	81.6

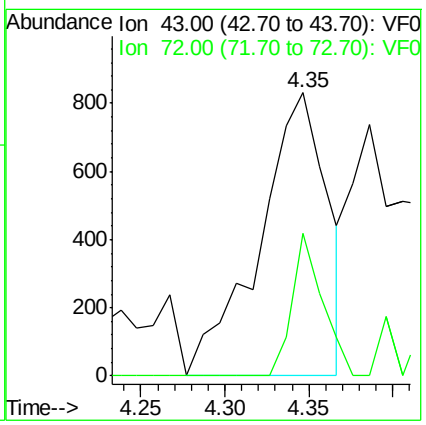


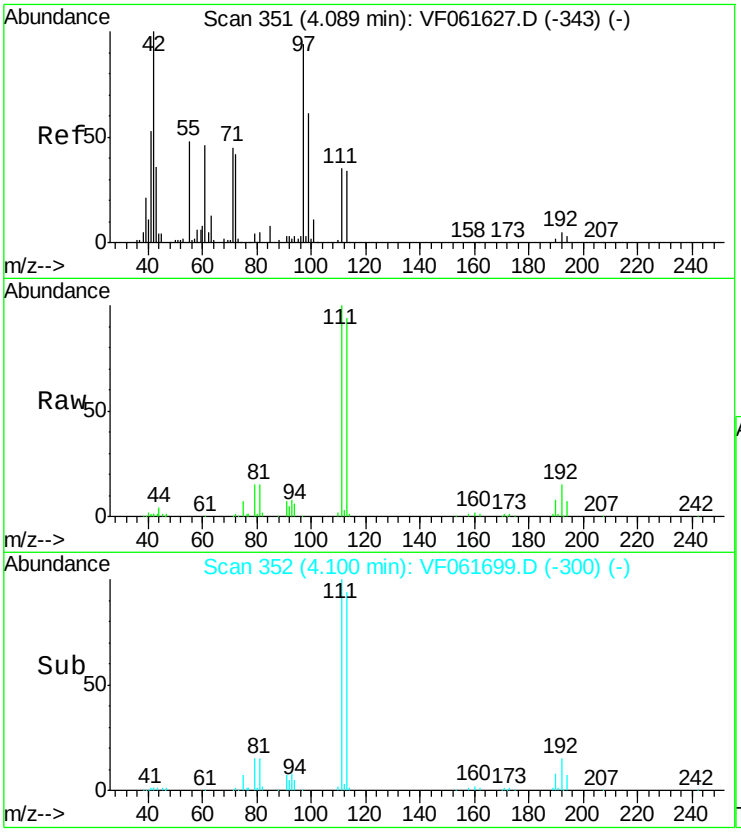


#25
2-Butanone
Concen: 1.807 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion: 43 Resp: 2334

Ion	Ratio	Lower	Upper
43	100		
72	50.3	17.1	25.7#



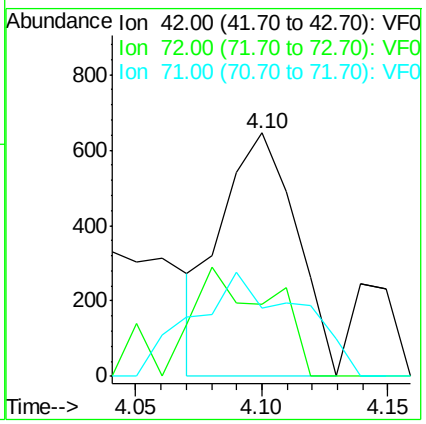


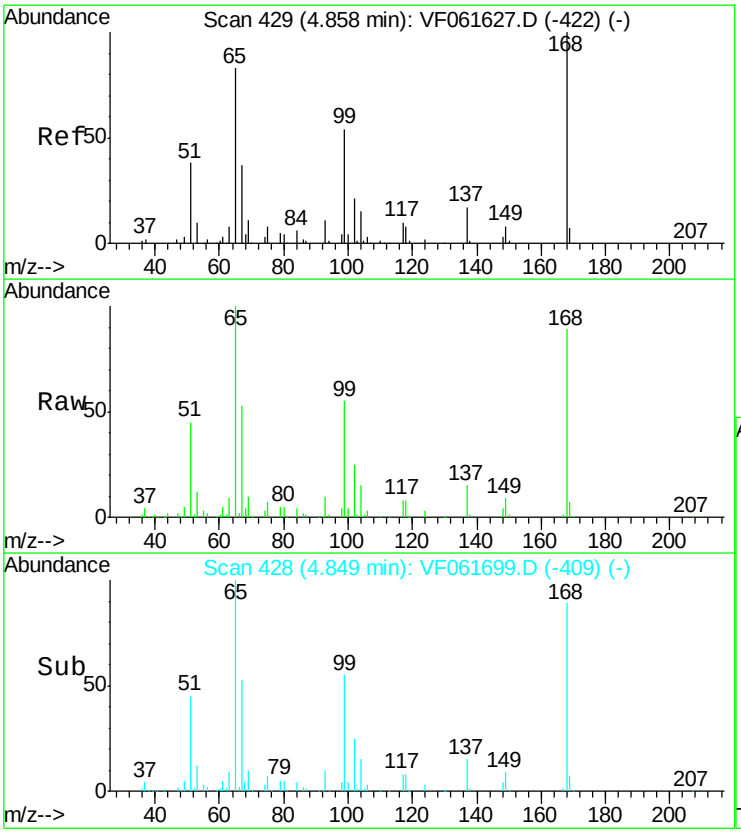
#29
Tetrahydrofuran
Concen: 2.278 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument : MSVOA_F
ClientSampleId : NB-07-022019-A

Tgt Ion: 42 Resp: 1337

Ion	Ratio	Lower	Upper
42	100		
72	52.6	35.2	52.8
71	60.7	32.9	49.3#

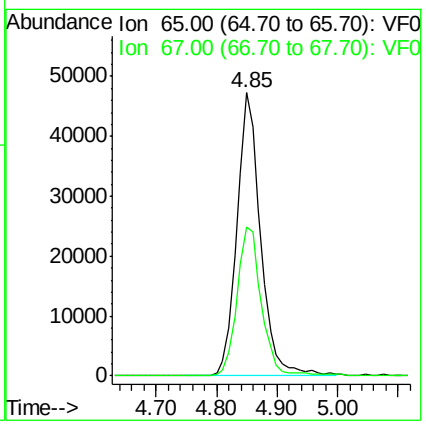


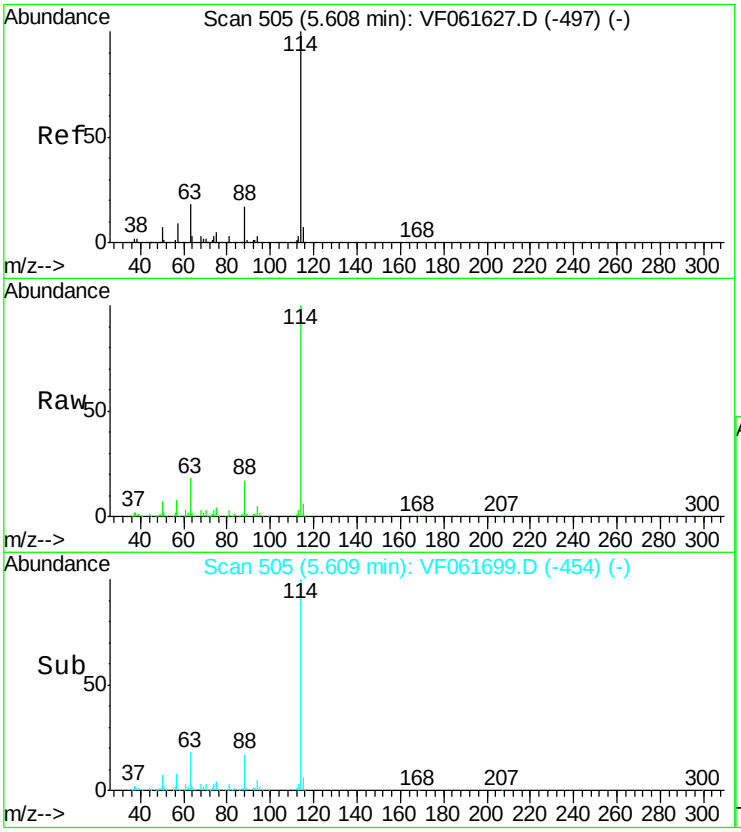


#33
1,2-Dichloroethane-d4
Concen: 46.587 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion: 65 Resp: 128375

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.0



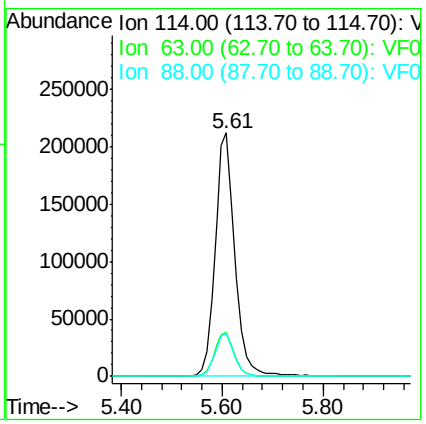


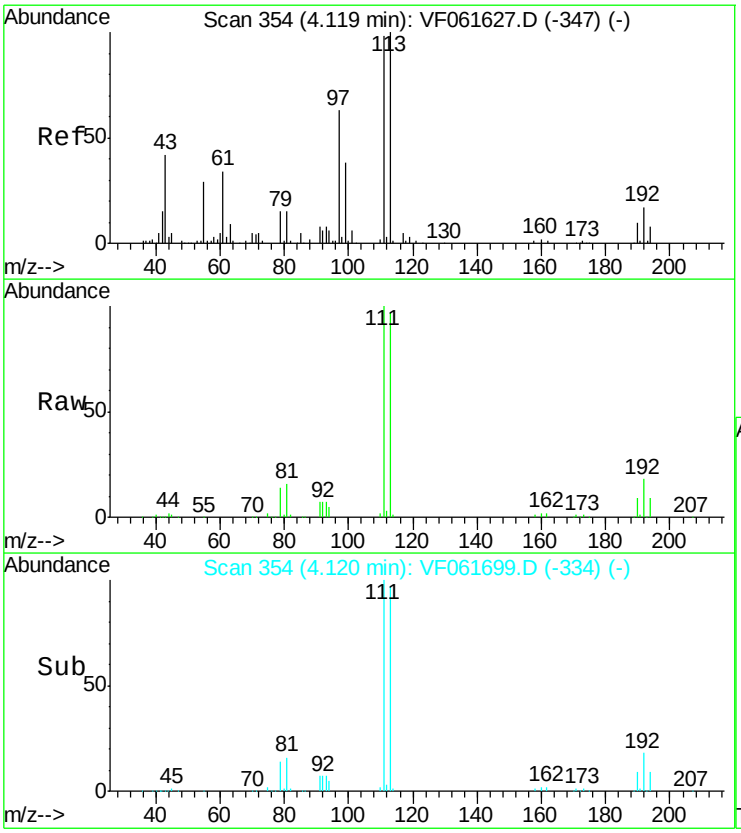
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.00 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

Tgt Ion:114 Resp: 577240

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.6
88	17.5	0.0	34.4

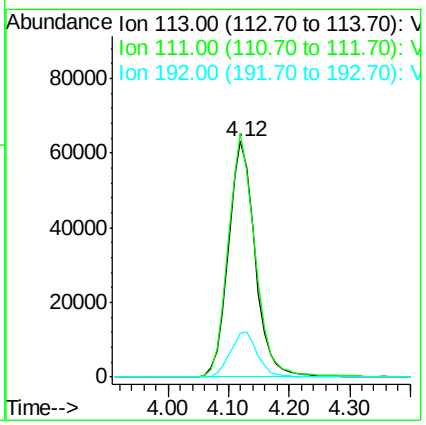


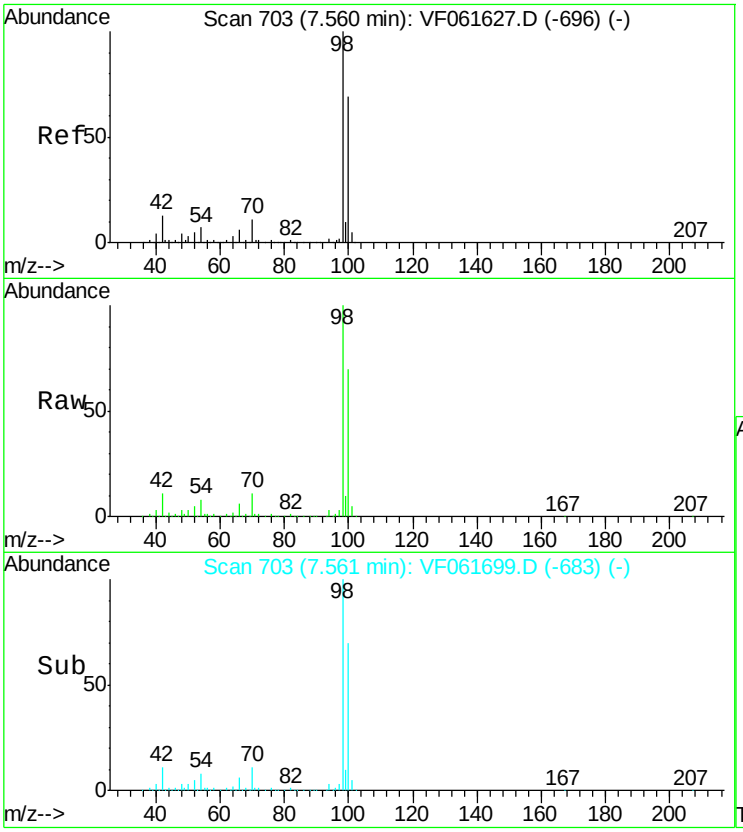


#35
Dibromofluoromethane
Concen: 45.541 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion:113 Resp: 195216

Ion	Ratio	Lower	Upper
113	100		
111	103.3	78.8	118.2
192	18.8	13.4	20.0



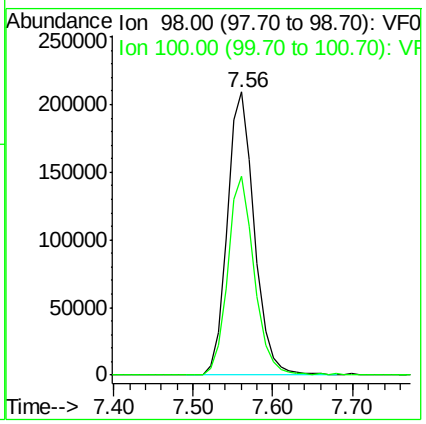


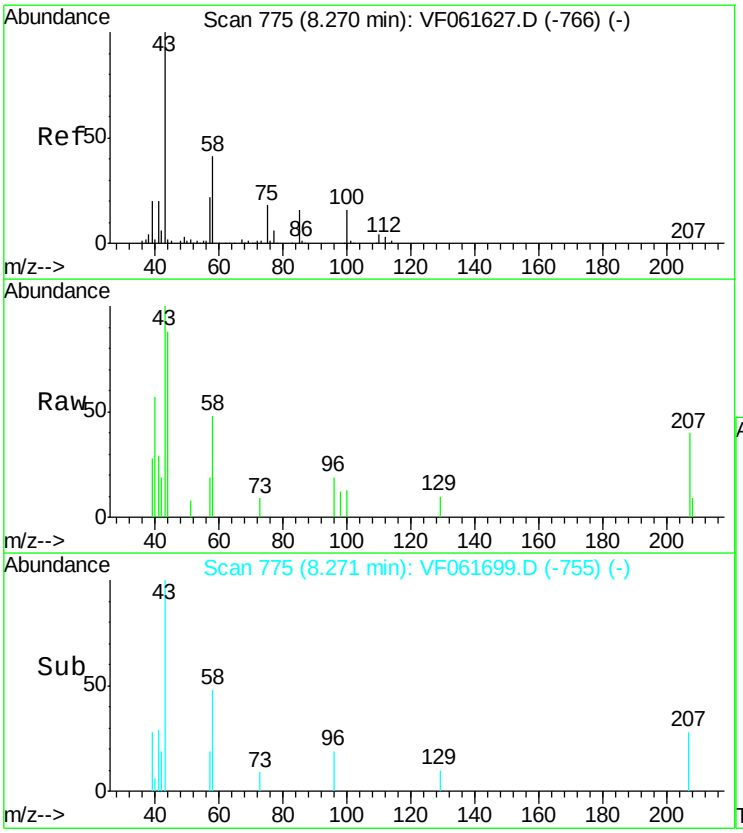
#50
Toluene-d8
Concen: 40.319 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

Tgt Ion: 98 Resp: 496846

Ion	Ratio	Lower	Upper
98	100		
100	70.4	55.4	83.2

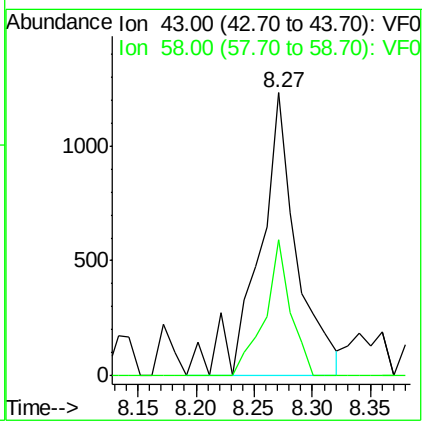


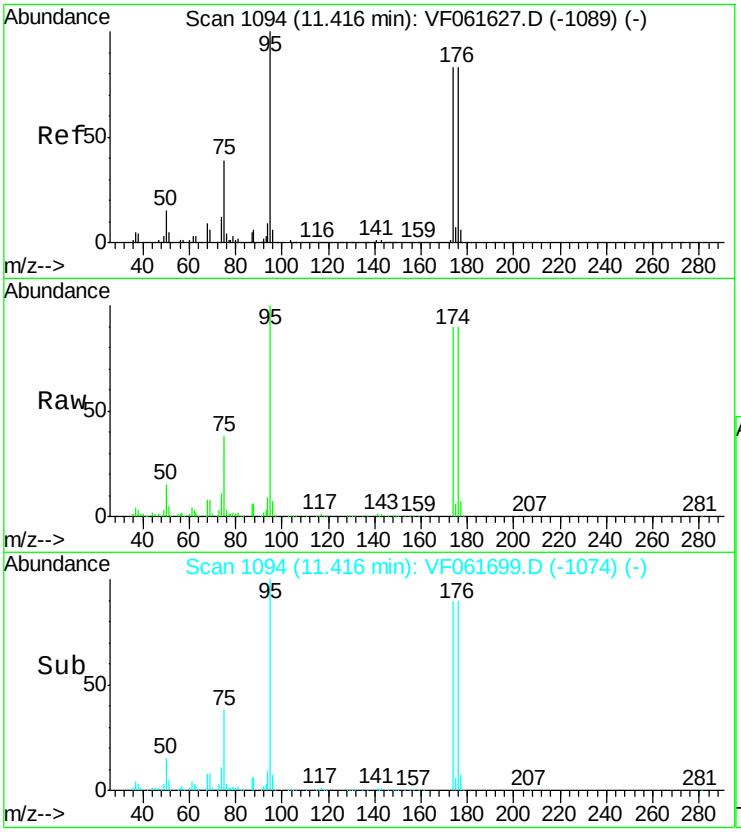


#51
4-Methyl-2-Pentanone
Concen: 1.247 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.00 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion: 43 Resp: 2801

Ion	Ratio	Lower	Upper
43	100		
58	48.0	33.1	49.7



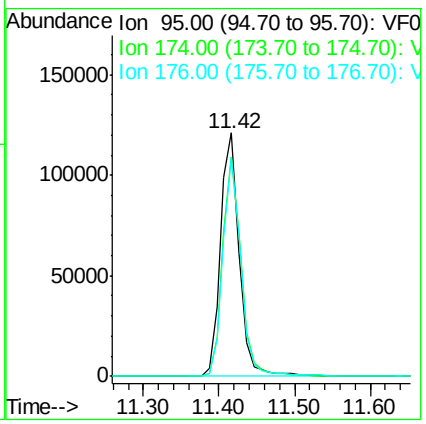


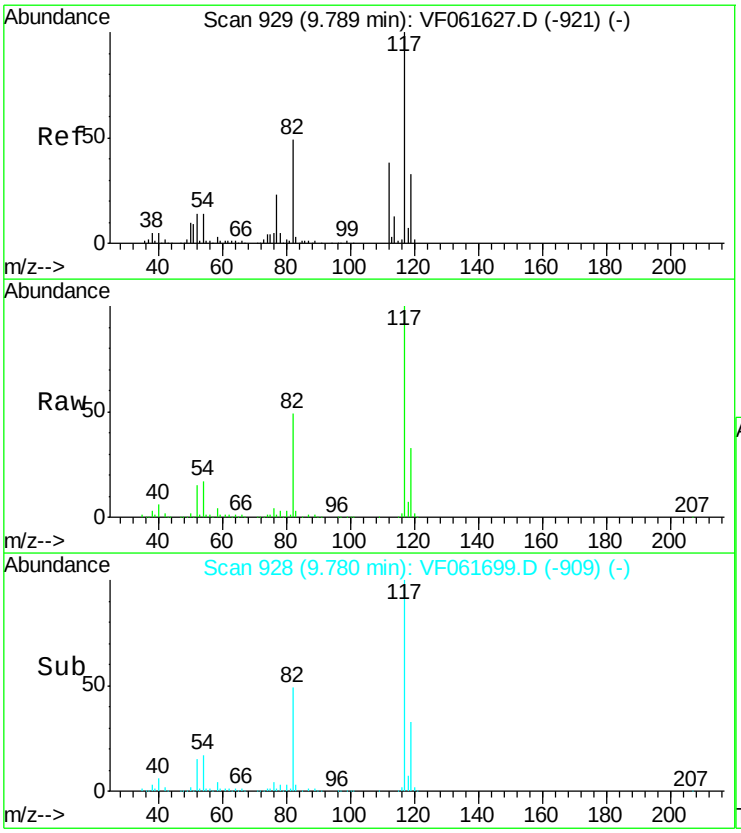
#62
4-Bromofluorobenzene
Concen: 42.017 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

Tgt Ion: 95 Resp: 209496

Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	165.8
176	90.1	0.0	167.0

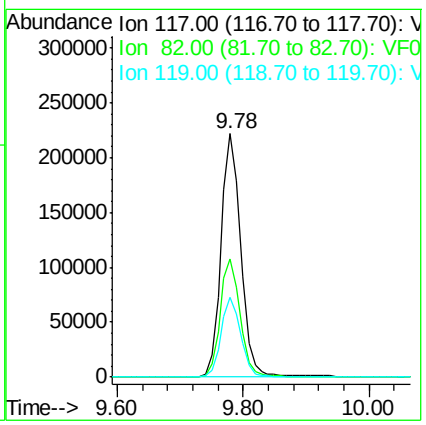


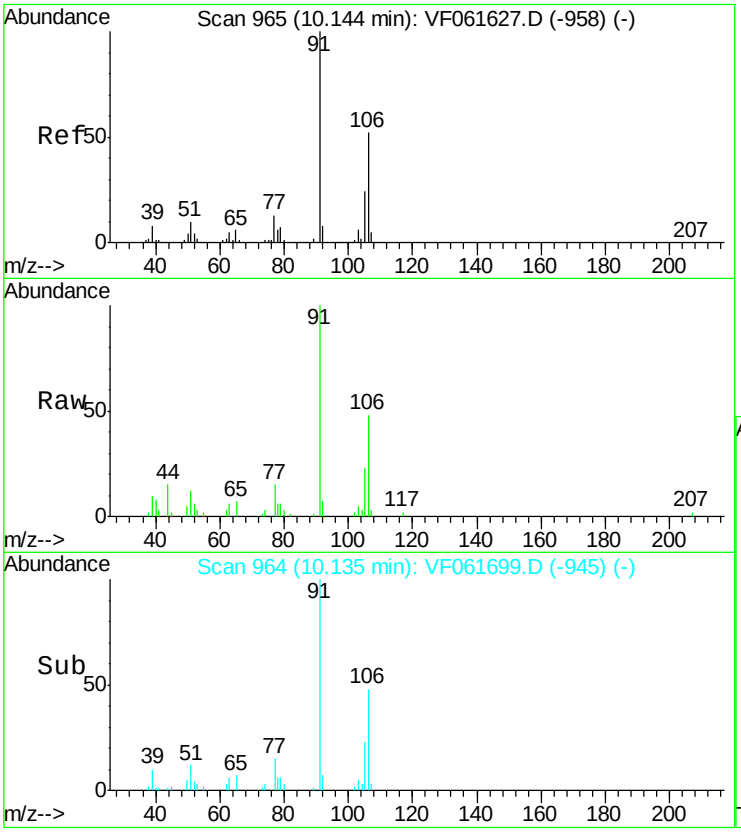


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion:117 Resp: 488927

Ion	Ratio	Lower	Upper
117	100		
82	48.7	39.3	58.9
119	32.9	26.6	40.0



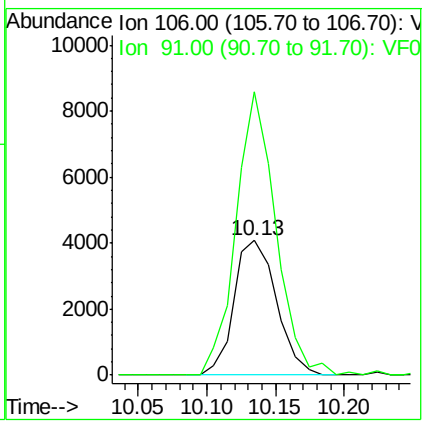


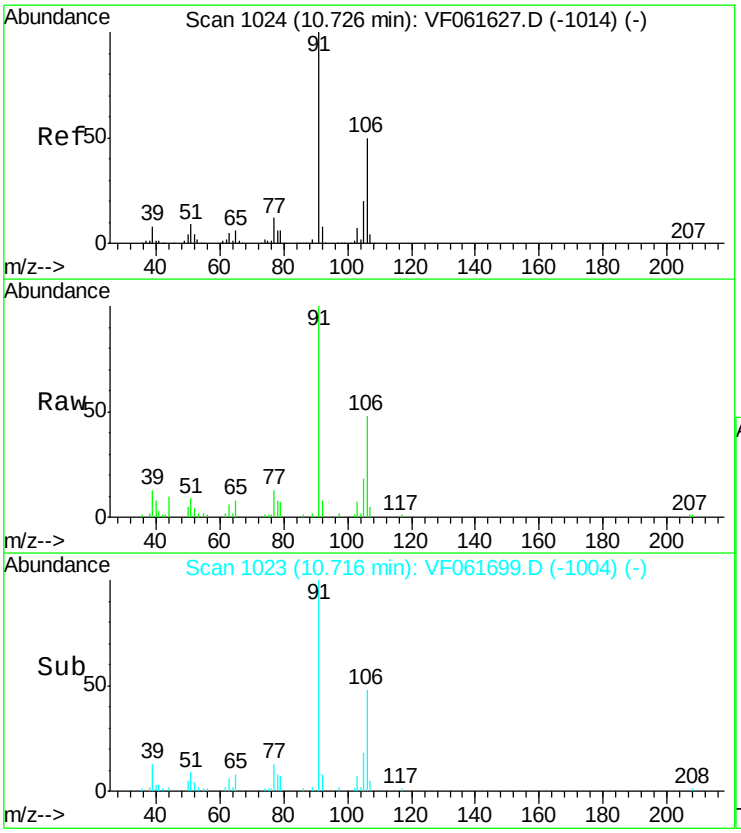
#68
m/p-Xylenes
Concen: 1.390 ug/l
RT: 10.13 min Scan# 964
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

Tgt Ion:106 Resp: 8777

Ion	Ratio	Lower	Upper
106	100		
91	210.1	153.0	229.6

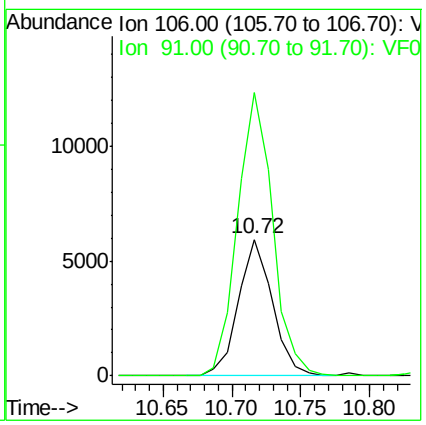


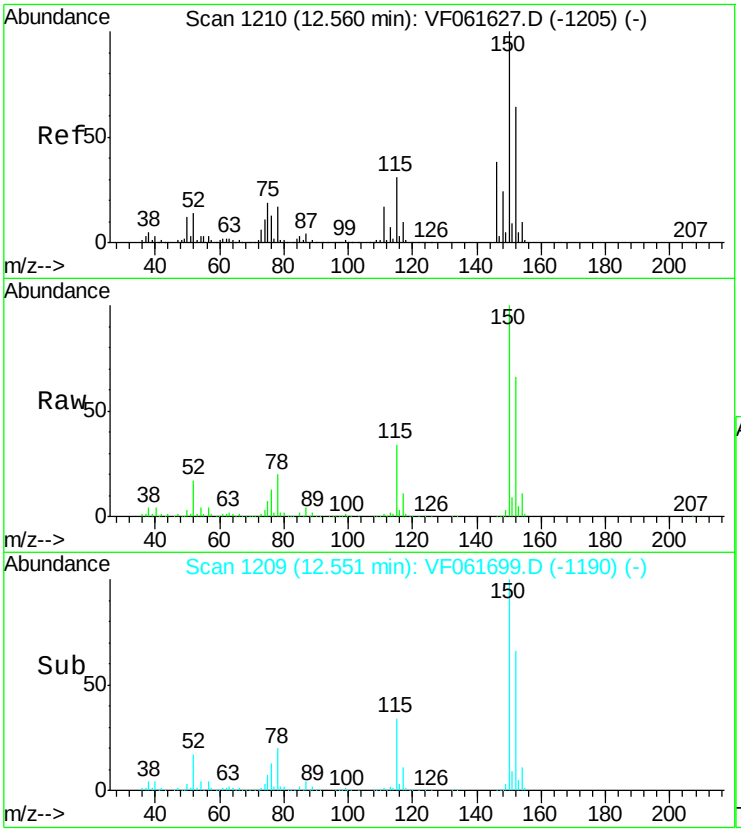


#69
o-Xylene
Concen: 1.525 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion:106 Resp: 10274

Ion	Ratio	Lower	Upper
106	100		
91	207.3	100.1	300.1



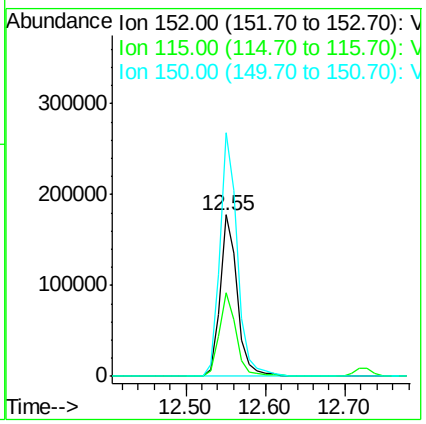


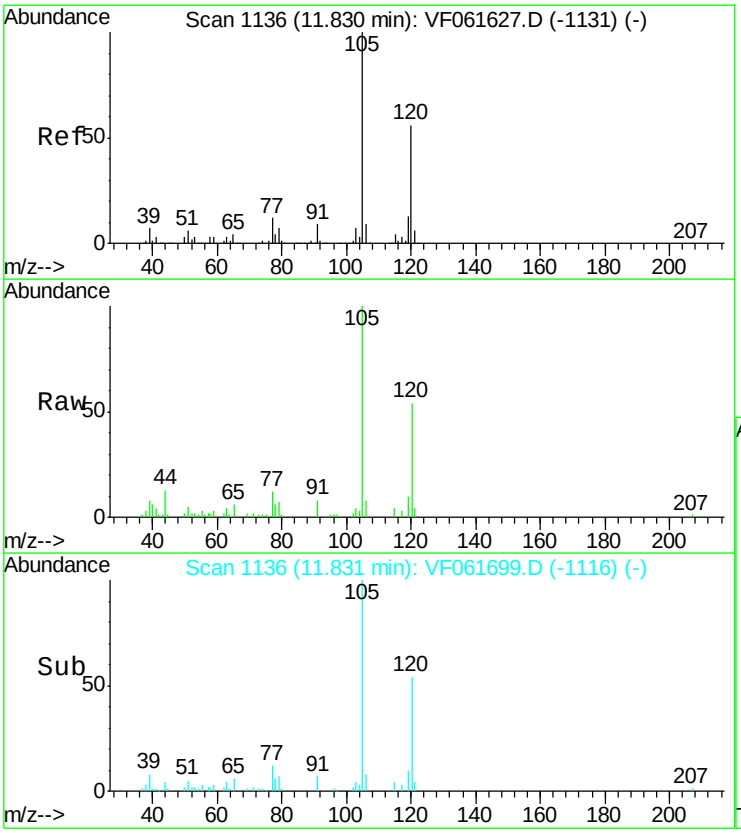
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument : MSVOA_F
ClientSampleId : NB-07-022019-A

Tgt Ion:152 Resp: 271350

Ion	Ratio	Lower	Upper
152	100		
115	51.7	24.3	72.8
150	151.1	0.0	312.0

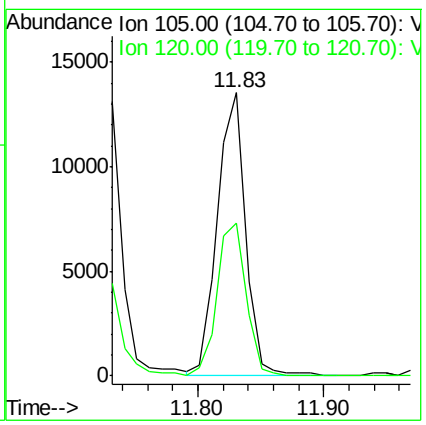


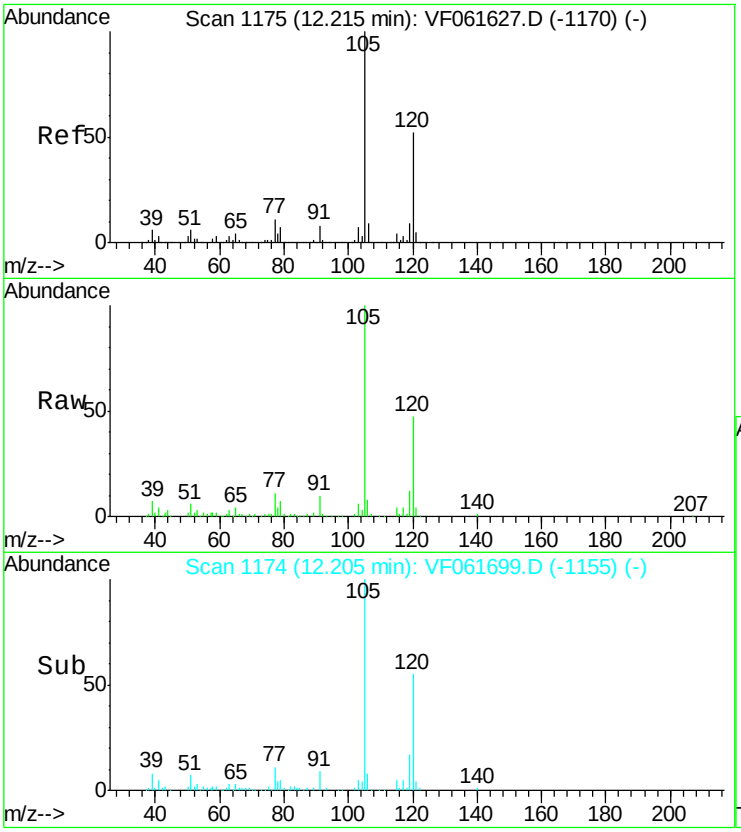


#80
1,3,5-Trimethylbenzene
Concen: 1.364 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion:105 Resp: 21060

Ion	Ratio	Lower	Upper
105	100		
120	53.9	27.9	83.6



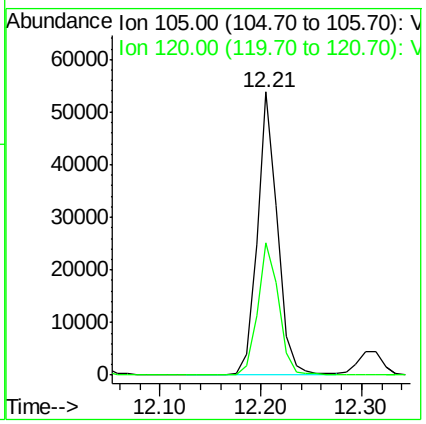


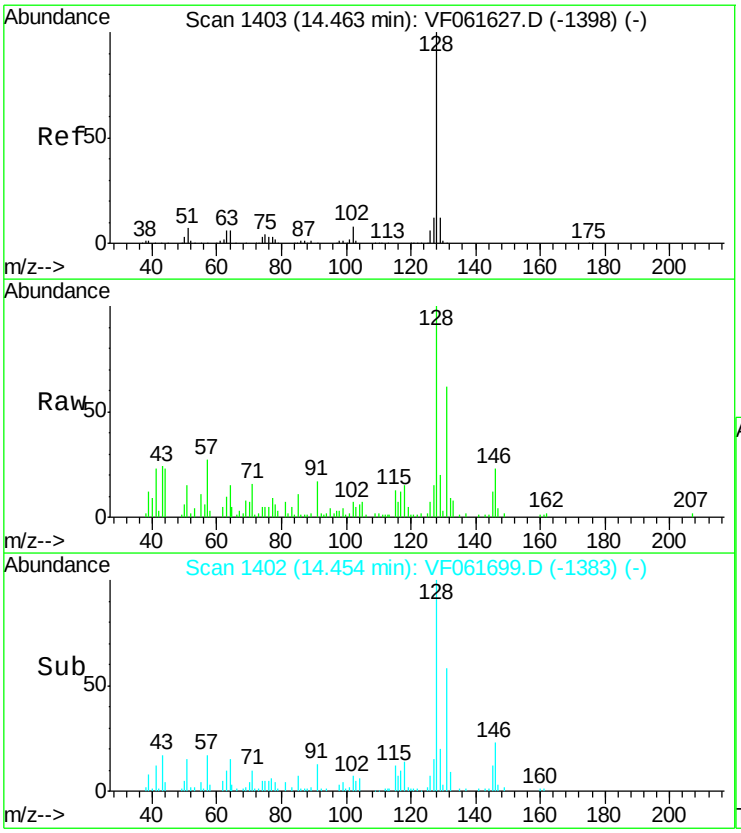
#84
1,2,4-Trimethylbenzene
Concen: 4.880 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

Tgt Ion:105 Resp: 74868

Ion	Ratio	Lower	Upper
105	100		
120	46.8	26.1	78.3





#95
Naphthalene
Concen: 1.750 ug/l
RT: 14.45 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion:128 Resp: 19425

Ion	Ratio	Lower	Upper
128	100		
127	14.6	9.8	14.6
129	19.7	9.4	14.2#