Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022119\
Data File : VF061697.D
Acq On : 21 Feb 2019 14:44
Operator : VA/AP
Sample : K1344-01
Misc : 6.58g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : NB-08-022019-A

Quant Time: Feb 22 03:28:28 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	377988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	599973	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	468819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	231993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	134758	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.24%			
35) Dibromofluoromethane	4.12	113	197068	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.46%			
50) Toluene-d8	7.56	98	438871	34.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.54%			
62) 4-Bromofluorobenzene	11.41	95	190613	36.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.56%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	793	4.943	ug/l #	1
13) Acrolein	2.00	56	1191	5.907	ug/l #	77
16) Acetone	2.24	43	37363	62.825	ug/l	91
18) Methyl Acetate	2.38	43	11011	8.219	ug/l #	59
20) Methylene Chloride	2.19	84	5464	Below Cal		95
25) 2-Butanone	4.36	43	4038	3.108	ug/l #	76
29) Tetrahydrofuran	4.09	42	1861	3.152	ug/l #	78
49) 1,4-Dioxane	6.62	88	70	3.787	ug/l #	1
51) 4-Methyl-2-Pentanone	8.27	43	4173	1.787	ug/l	90
52) Toluene	7.63	92	11982	1.271	ug/l	90
59) 2-Hexanone	9.50	43	3006	1.837	ug/l	79
80) 1,3,5-Trimethylbenzene	11.82	105	18183	1.377	ug/l	100
84) 1,2,4-Trimethylbenzene	12.21	105	17716	1.351	ug/l	97
95) Naphthalene	14.46	128	23892	2.518	ug/l #	62

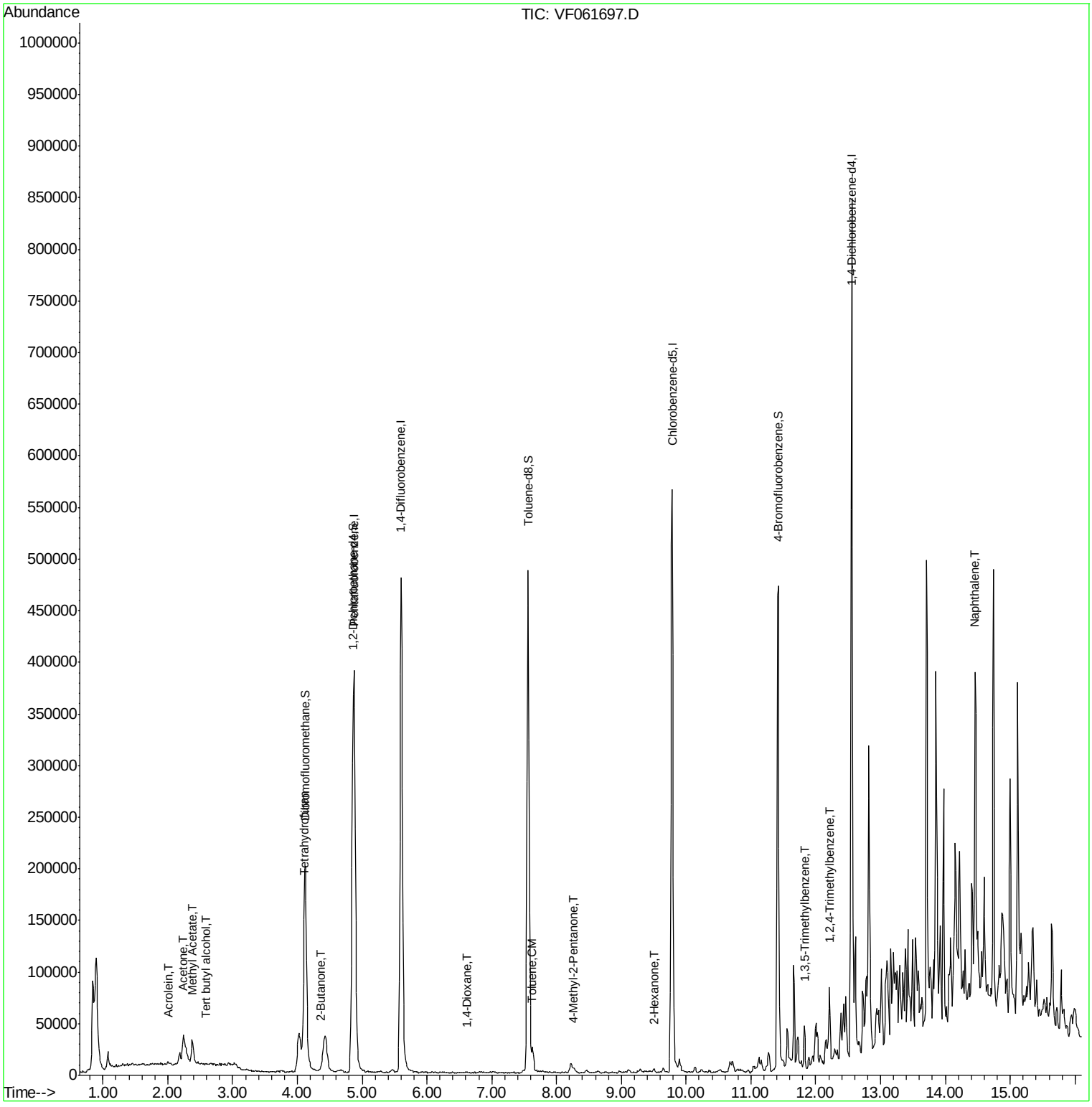
(#) = qualifier out of range (m) = manual integration (+) = signals summed

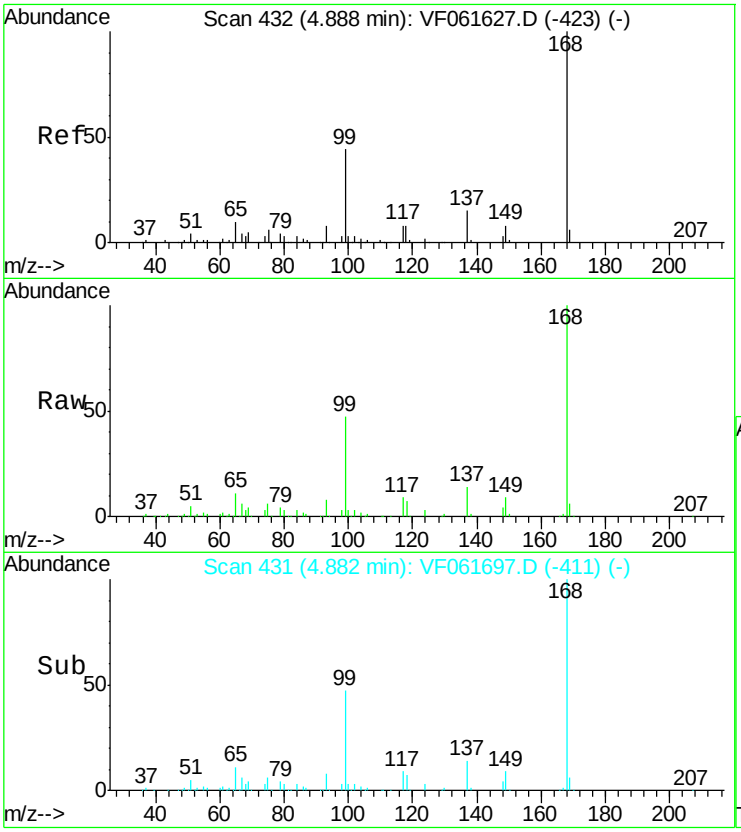
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022119\
Data File : VF061697.D
Acq On : 21 Feb 2019 14:44
Operator : VA/AP
Sample : K1344-01
Misc : 6.58g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

Quant Time: Feb 22 03:28:28 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



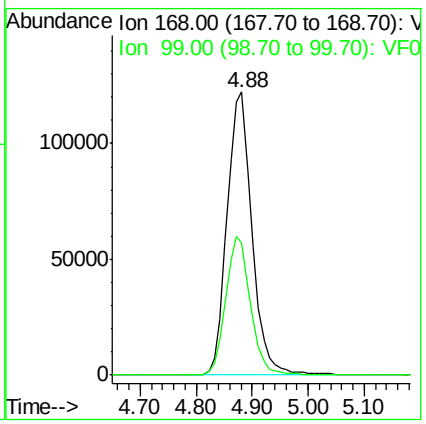


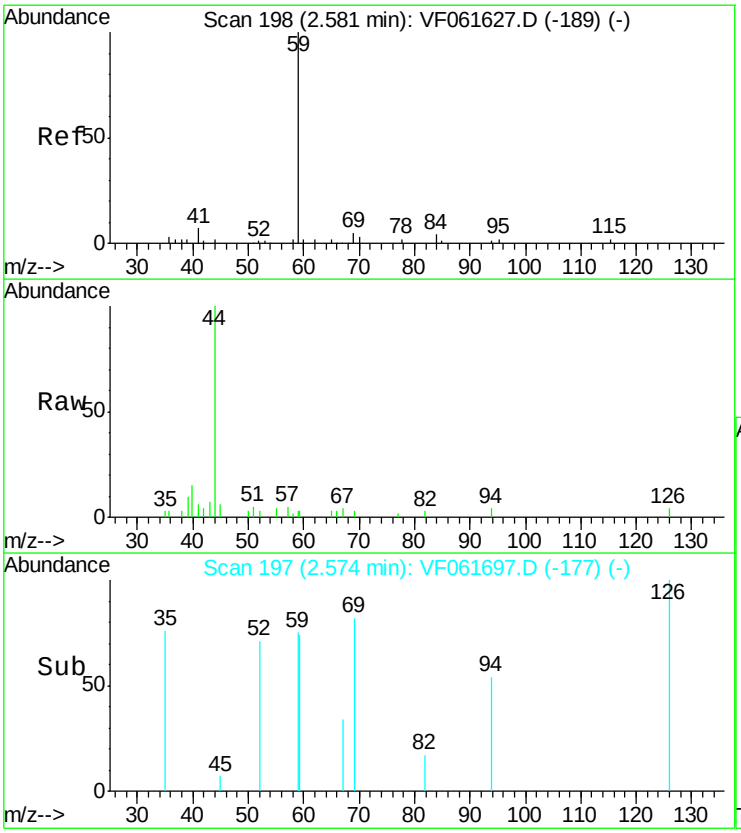
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

Tgt Ion:168 Resp: 377988

Ion	Ratio	Lower	Upper
168	100		
99	46.6	34.9	52.3

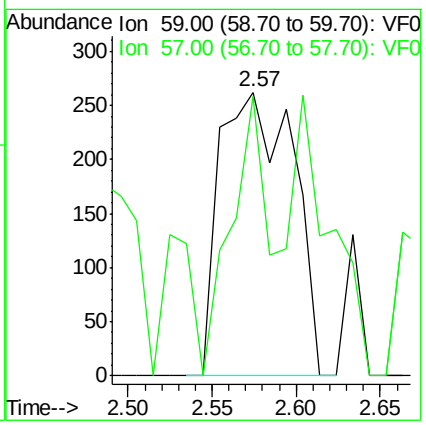


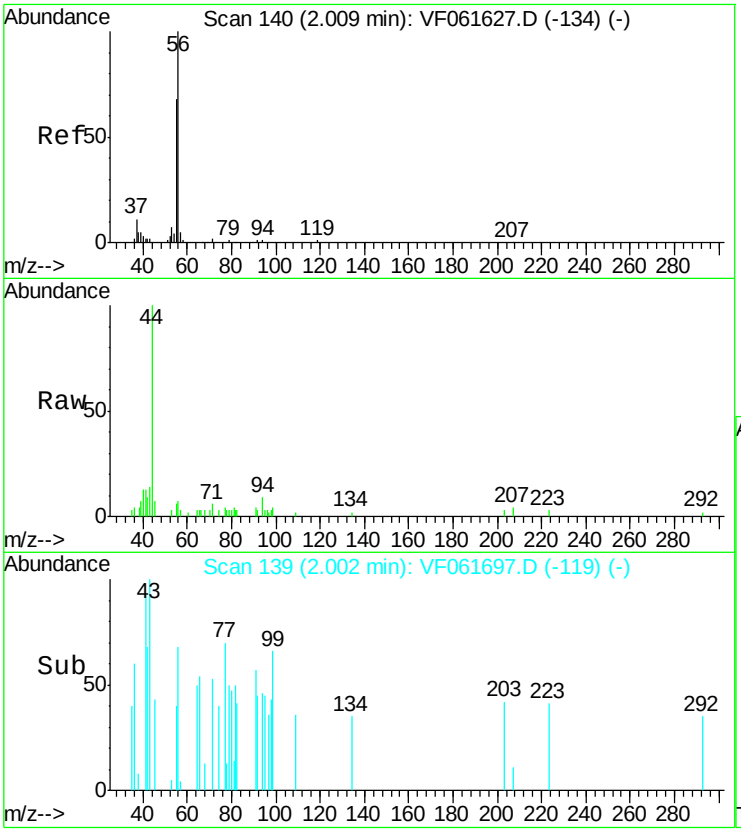


#11
Tert butyl alcohol
Concen: 4.943 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion: 59 Resp: 793

Ion	Ratio	Lower	Upper
59	100		
57	98.5	12.5	18.7#



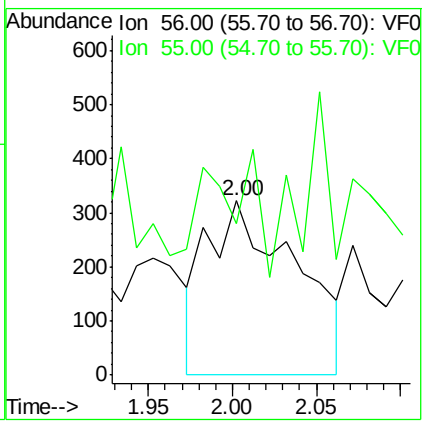


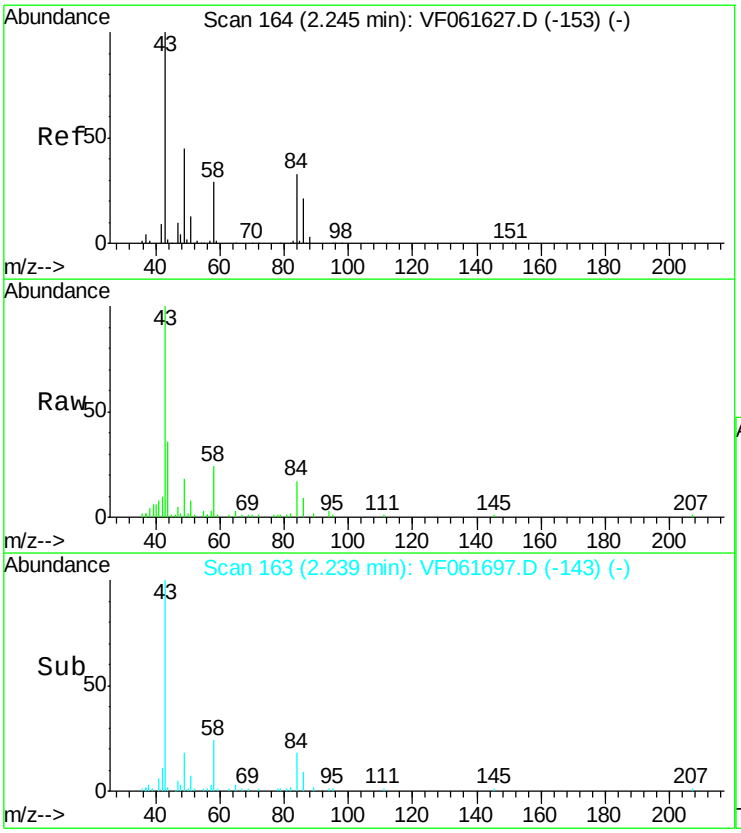
#13
Acrolein
Concen: 5.907 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

Tgt Ion: 56 Resp: 1191

Ion	Ratio	Lower	Upper
56	100		
55	87.3	55.0	82.6#

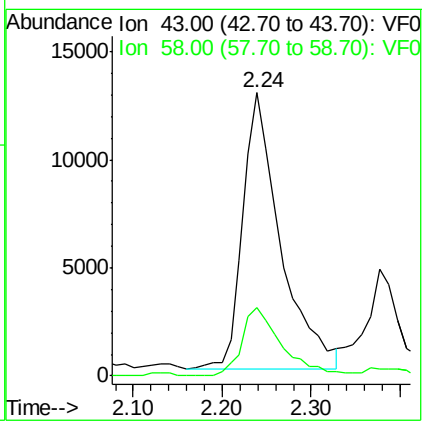


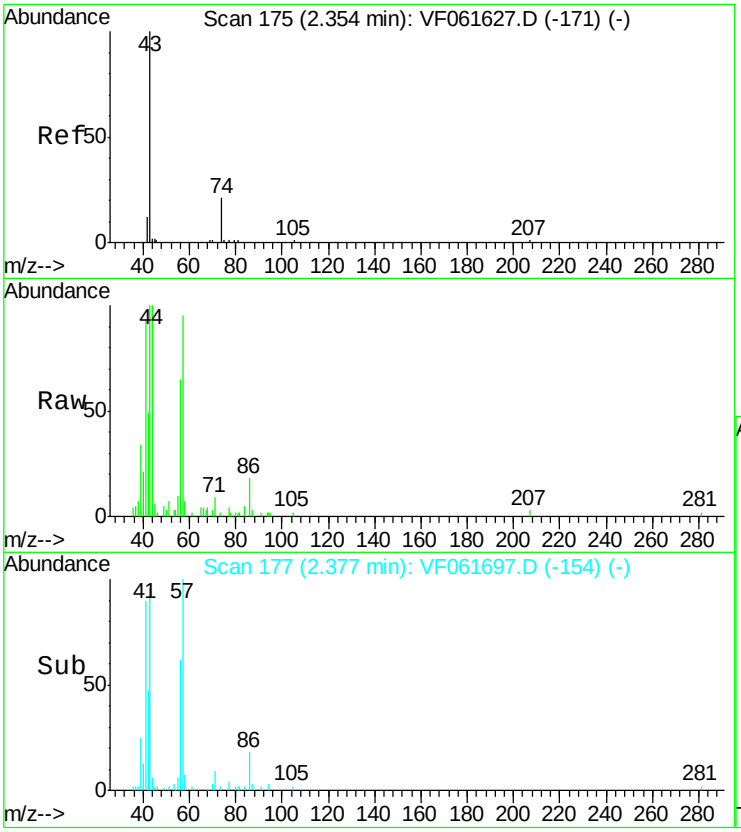


#16
Acetone
Concen: 62.825 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion: 43 Resp: 37363

Ion	Ratio	Lower	Upper
43	100		
58	24.0	22.9	34.3



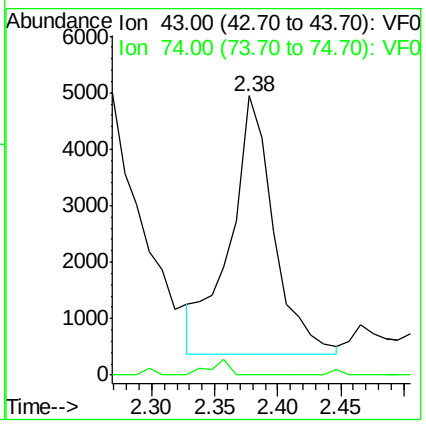


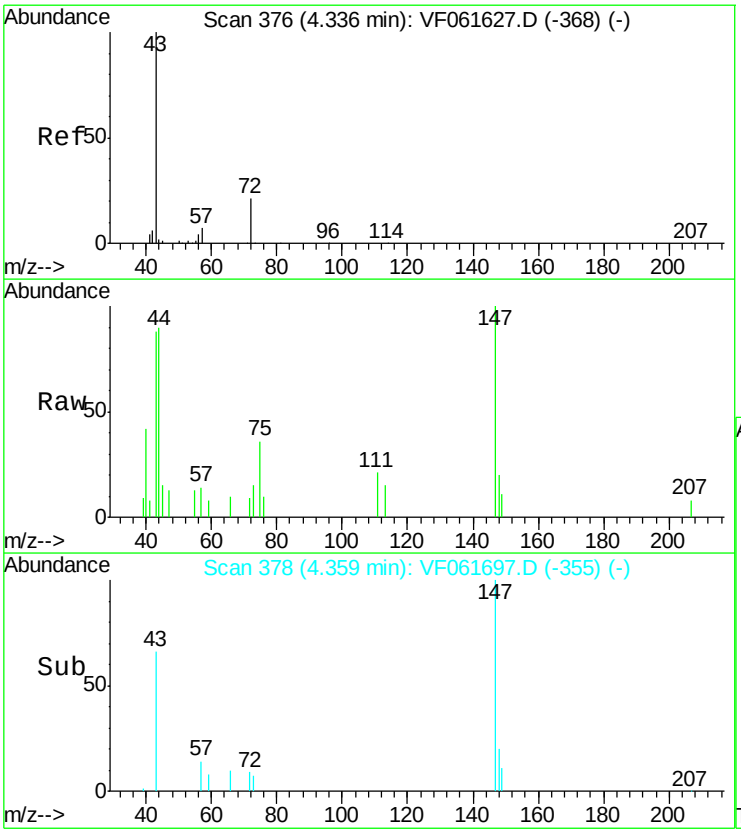
#18
Methyl Acetate
Concen: 8.219 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.02 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument : MSVOA_F
ClientSampleId : NB-08-022019-A

Tgt Ion: 43 Resp: 11011

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#

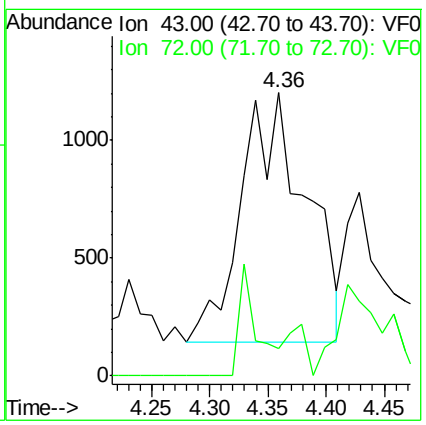


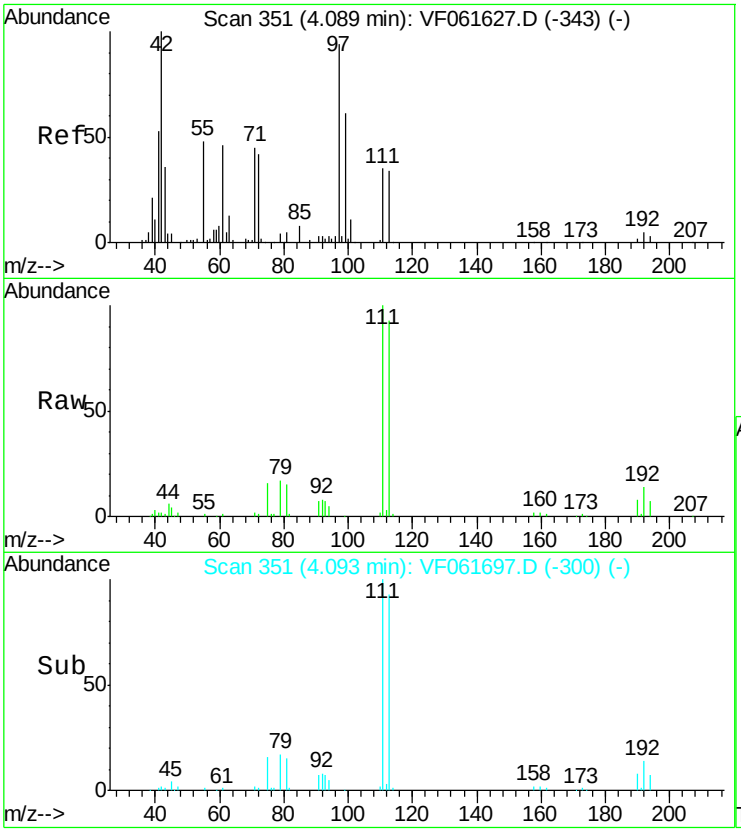


#25
2-Butanone
Concen: 3.108 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion: 43 Resp: 4038

Ion	Ratio	Lower	Upper
43	100		
72	9.9	17.1	25.7#



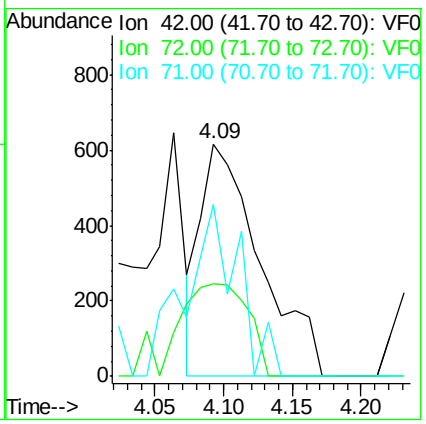


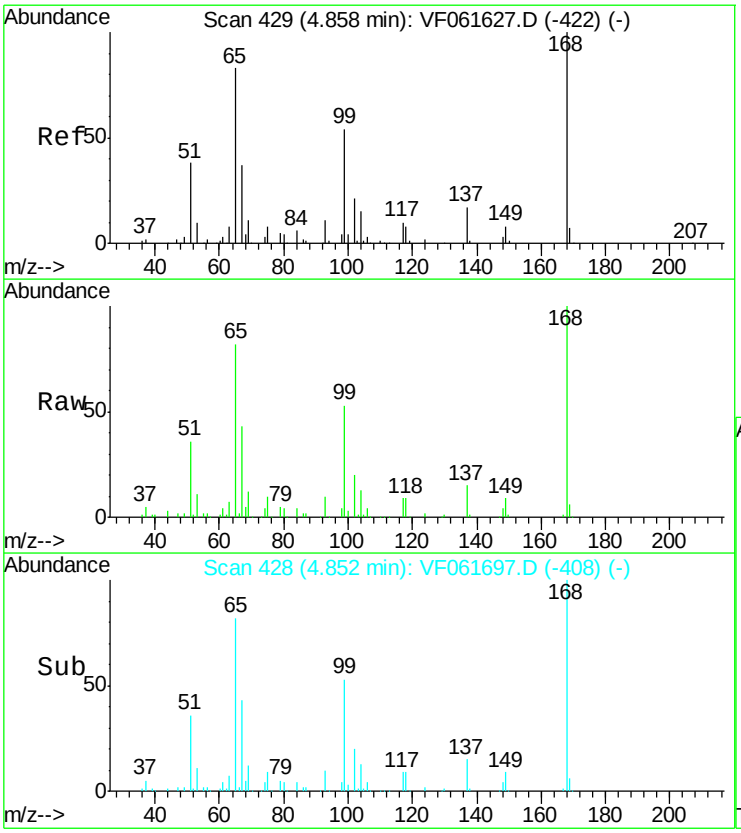
#29
Tetrahydrofuran
Concen: 3.152 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.00 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument : MSVOA_F
ClientSampleId : NB-08-022019-A

Tgt Ion: 42 Resp: 1861

Ion	Ratio	Lower	Upper
42	100		
72	47.8	35.2	52.8
71	66.2	32.9	49.3#

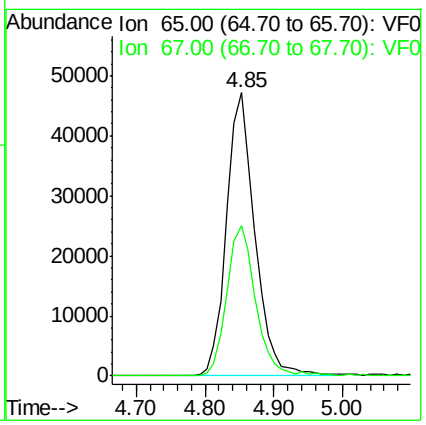


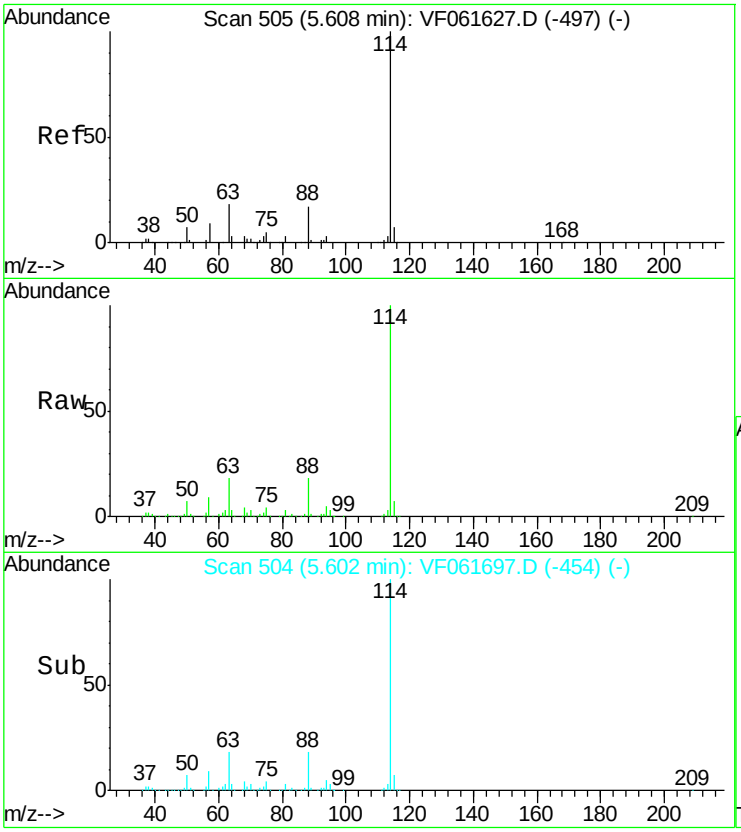


#33
1,2-Dichloroethane-d4
Concen: 48.617 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion: 65 Resp: 134758

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.0



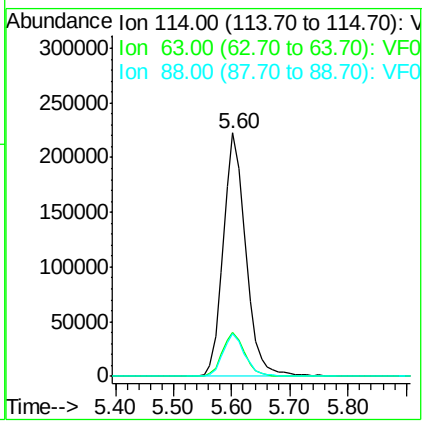


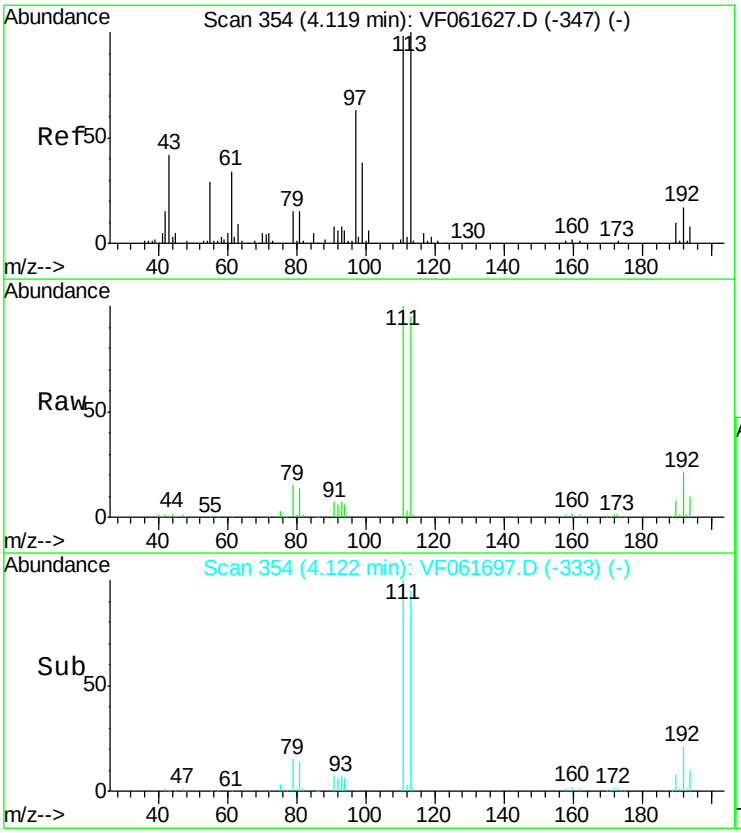
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

Tgt Ion:114 Resp: 599973

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.6
88	17.5	0.0	34.4

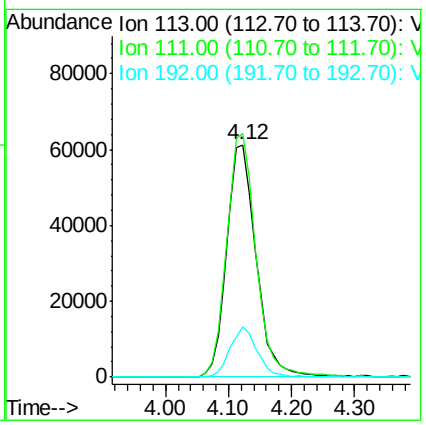


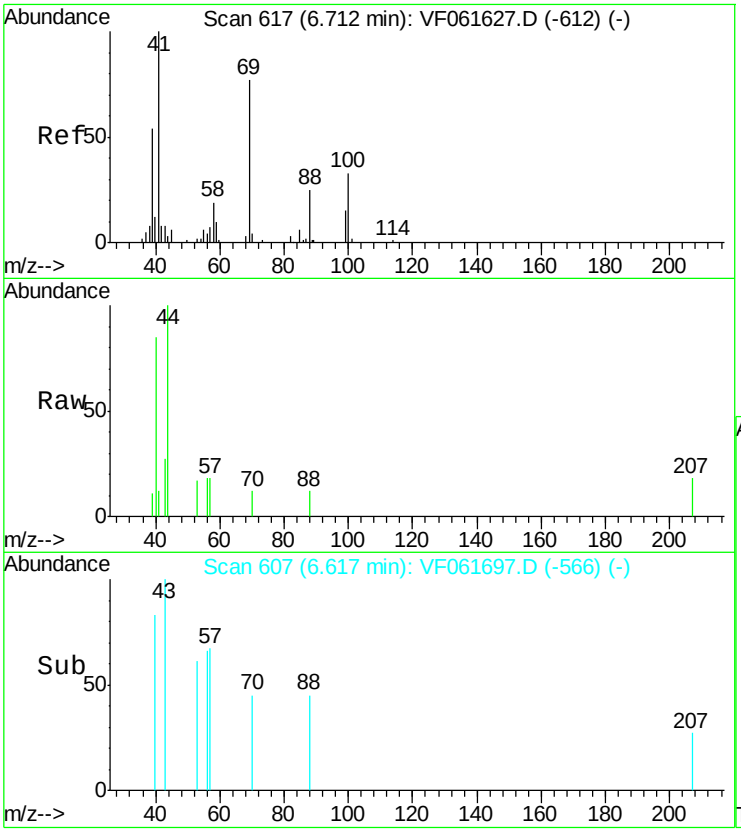


#35
Dibromofluoromethane
Concen: 44.231 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion:113 Resp: 197068

Ion	Ratio	Lower	Upper
113	100		
111	104.8	78.8	118.2
192	22.6	13.4	20.0#



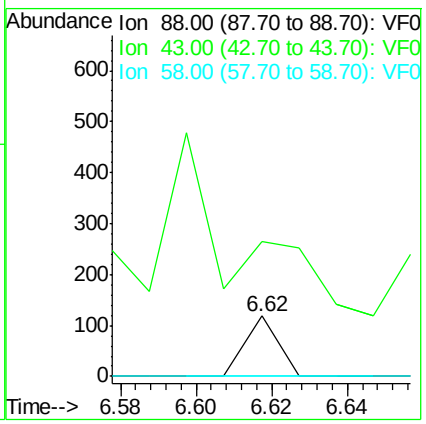


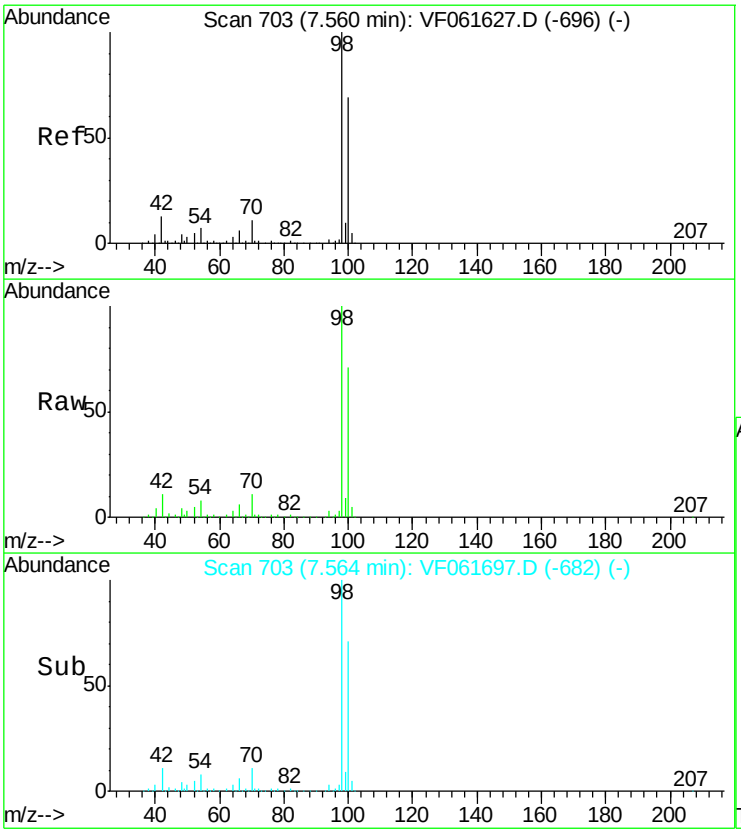
#49
1,4-Dioxane
Concen: 3.787 ug/l
RT: 6.62 min Scan# 607
Delta R.T. -0.09 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument : MSVOA_F
ClientSampleId : NB-08-022019-A

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	222.7	32.3	48.5#
58	0.0	59.4	89.2#

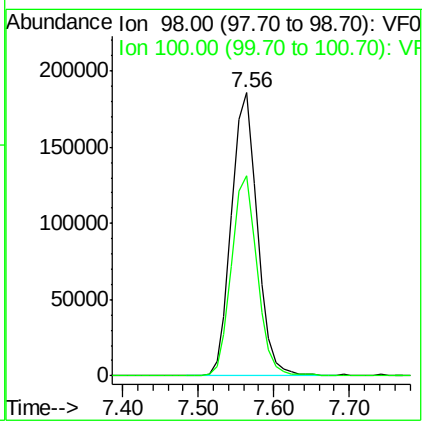


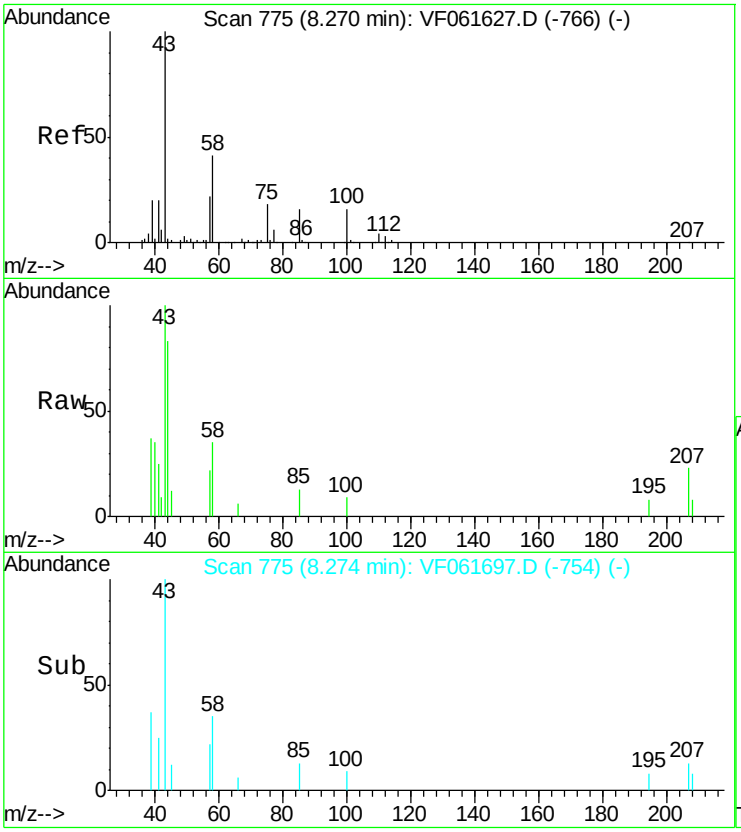


#50
Toluene-d8
Concen: 34.265 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion: 98 Resp: 438871

Ion	Ratio	Lower	Upper
98	100		
100	70.6	55.4	83.2



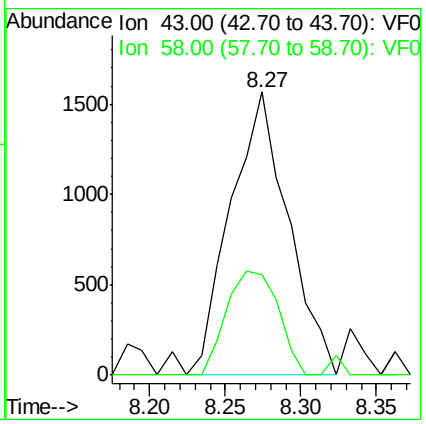


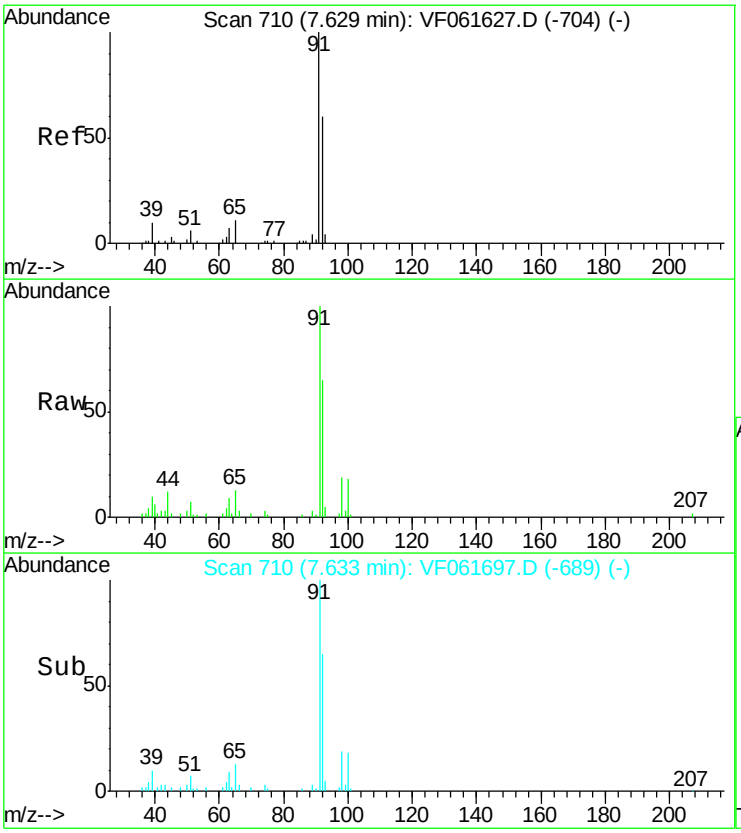
#51
4-Methyl-2-Pentanone
Concen: 1.787 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.00 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

Tgt Ion: 43 Resp: 4173

Ion	Ratio	Lower	Upper
43	100		
58	35.2	33.1	49.7

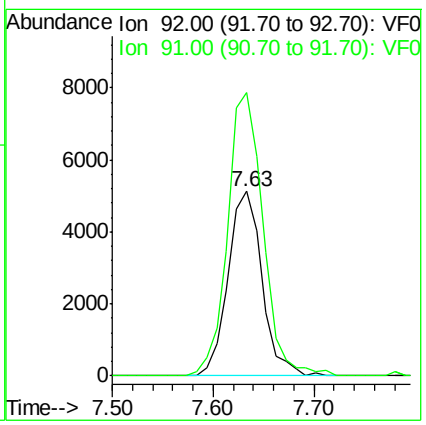


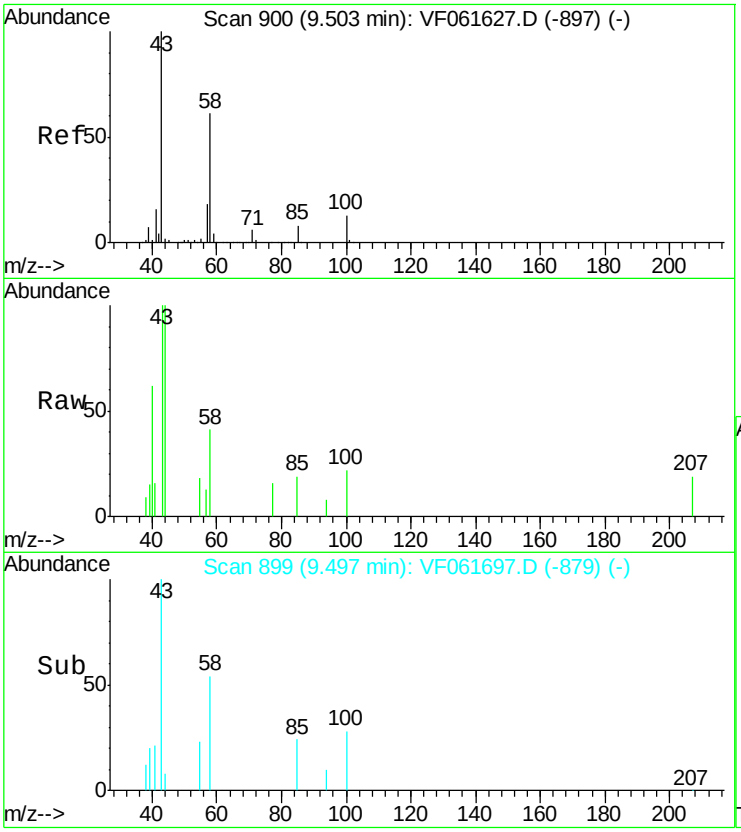


#52
Toluene
Concen: 1.271 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.00 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion: 92 Resp: 11982

Ion	Ratio	Lower	Upper
92	100		
91	153.4	133.9	200.9



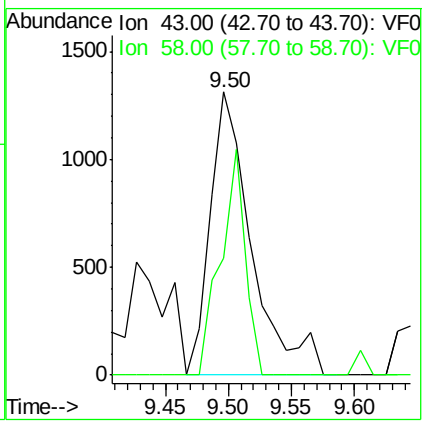


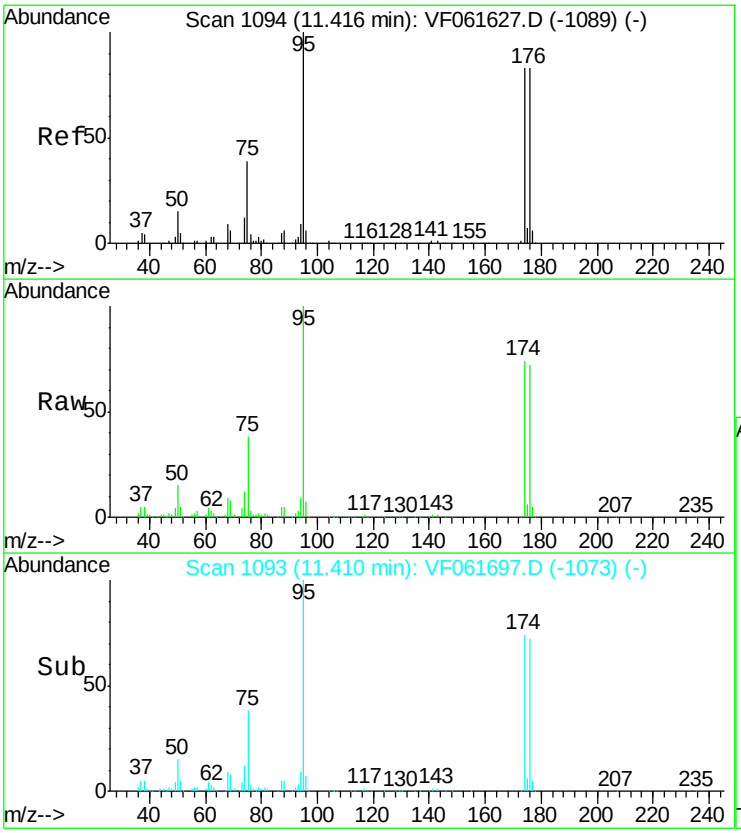
#59
2-Hexanone
Concen: 1.837 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

Tgt Ion: 43 Resp: 3006

Ion	Ratio	Lower	Upper
43	100		
58	41.5	28.5	85.5

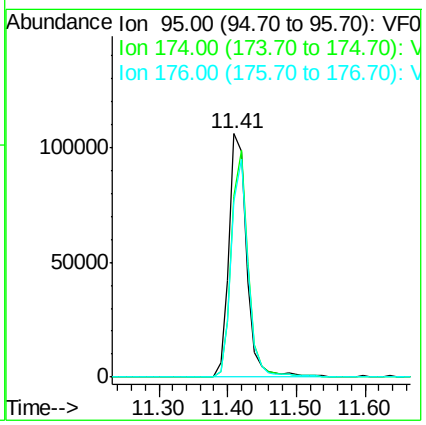


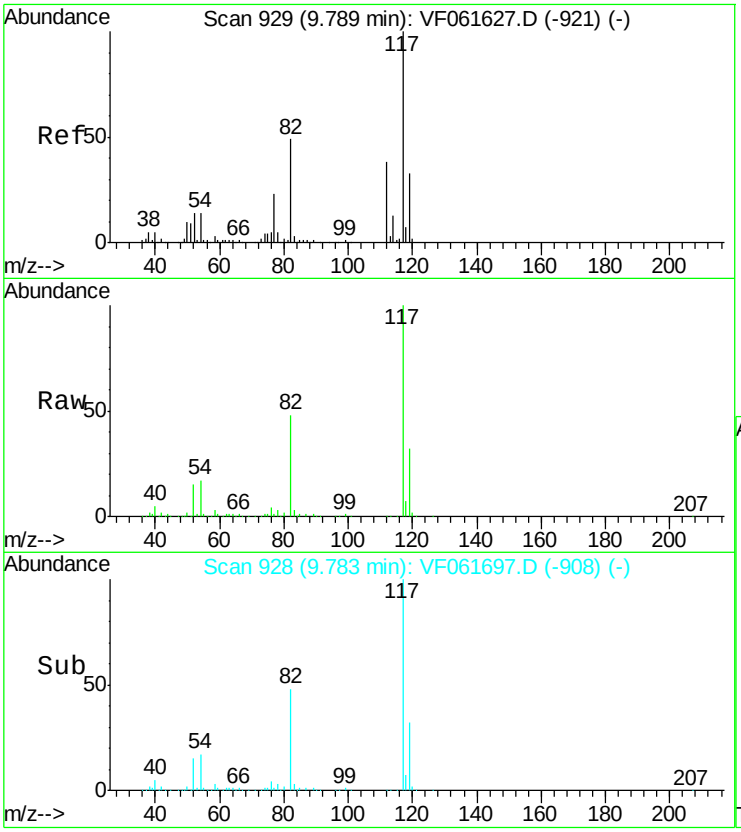


#62
4-Bromofluorobenzene
Concen: 36.781 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion: 95 Resp: 190613

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	165.8
176	72.3	0.0	167.0



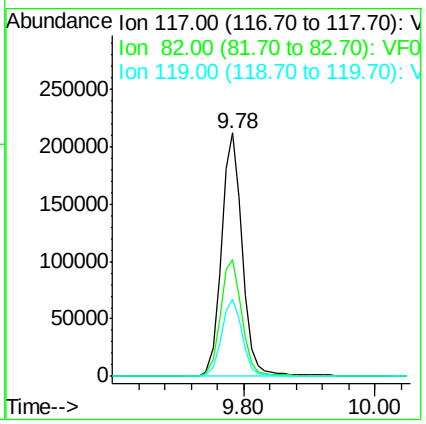


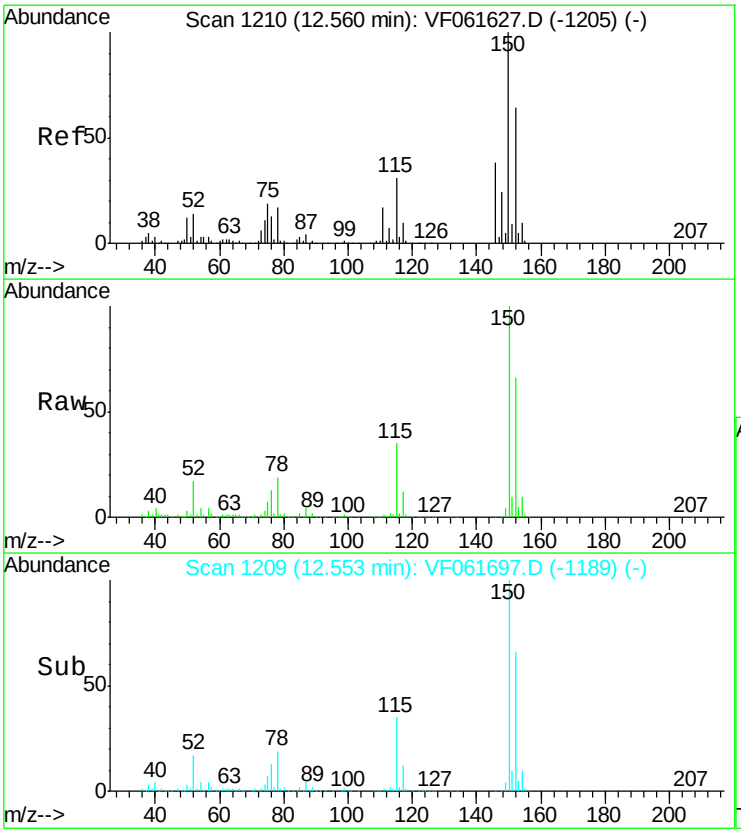
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

Tgt Ion:117 Resp: 468819

Ion	Ratio	Lower	Upper
117	100		
82	47.9	39.3	58.9
119	32.0	26.6	40.0

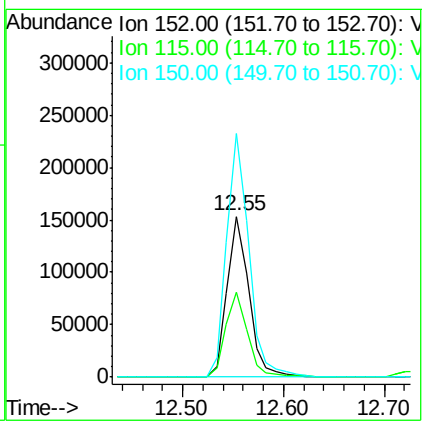


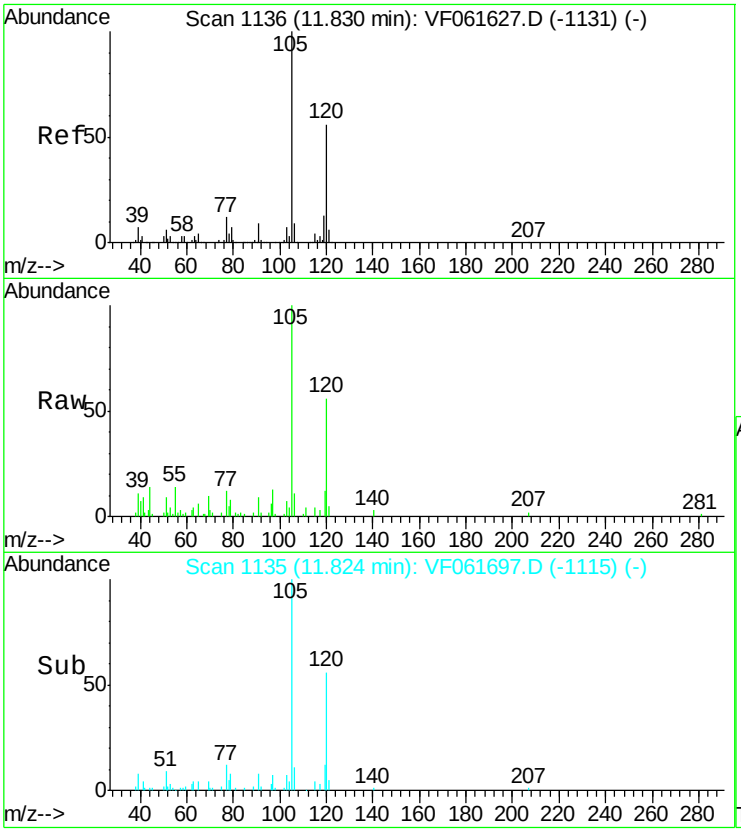


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion:152 Resp: 231993

Ion	Ratio	Lower	Upper
152	100		
115	52.6	24.3	72.8
150	151.2	0.0	312.0



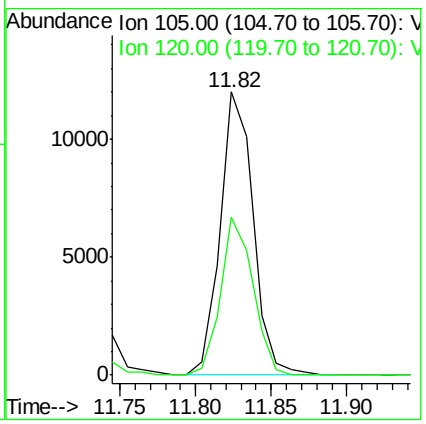


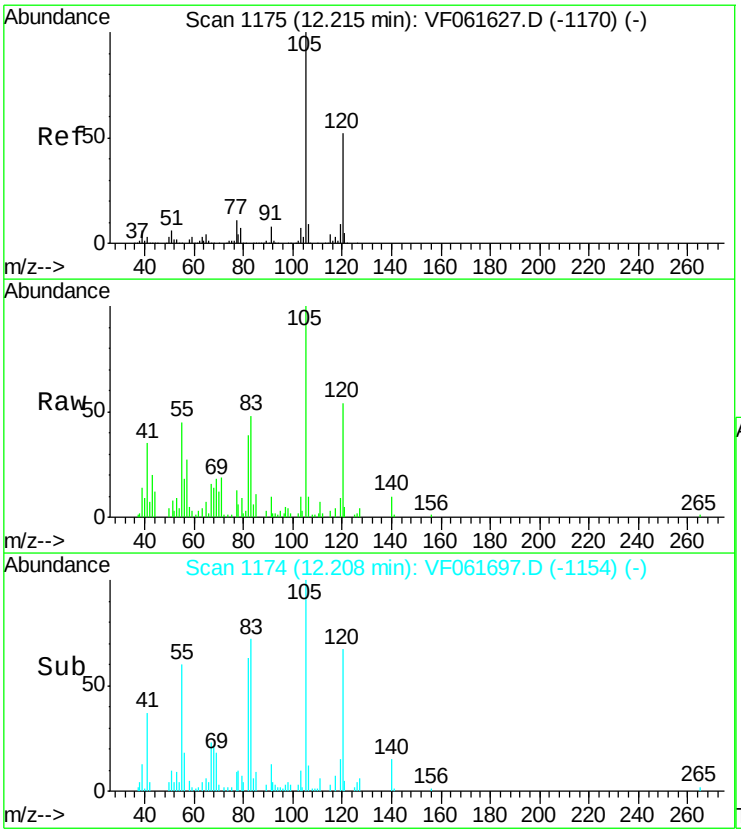
#80
1,3,5-Trimethylbenzene
Concen: 1.377 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

Tgt Ion:105 Resp: 18183

Ion	Ratio	Lower	Upper
105	100		
120	55.9	27.9	83.6

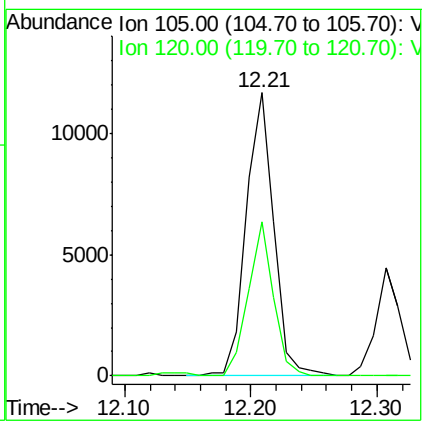


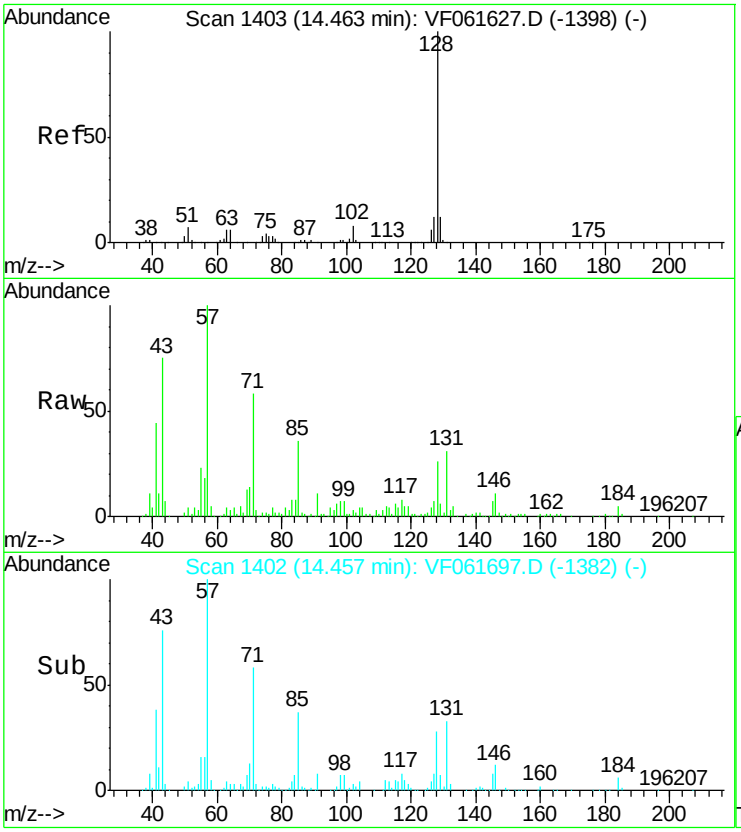


#84
1,2,4-Trimethylbenzene
Concen: 1.351 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion:105 Resp: 17716

Ion	Ratio	Lower	Upper
105	100		
120	54.4	26.1	78.3





#95
Naphthalene
Concen: 2.518 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

Tgt Ion:128 Resp: 23892

Ion	Ratio	Lower	Upper
128	100		
127	28.9	9.8	14.6#
129	24.7	9.4	14.2#