Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070318\
Data File : VF059414.D
Acq On : 3 Jul 2018 16:12
Operator : VA/AP
Sample : J3243-05RE
Misc : 5.23g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : NB-08-062918RE

Quant Time: Jul 04 00:12:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.00	168	52915	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.73	114	71183	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	60446	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	21963	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	19612	28.69	ug/l	-0.02
Spiked Amount 50.000			Recovery = 57.38%			
35) Dibromofluoromethane	4.26	113	25458	48.95	ug/l	-0.02
Spiked Amount 50.000			Recovery = 97.90%			
50) Toluene-d8	7.68	98	63538	49.34	ug/l	-0.02
Spiked Amount 50.000			Recovery = 98.68%			
62) 4-Bromofluorobenzene	11.48	95	25896	35.65	ug/l	-0.02
Spiked Amount 50.000			Recovery = 71.30%			
Target Compounds						Qvalue
5) Bromomethane	1.36	94	825	Below Cal	#	4
11) Tert butyl alcohol	2.63	59	500	10.986 ug/l	#	66
13) Acrolein	2.06	56	186	Below Cal	#	10
16) Acetone	2.31	43	6599	29.660 ug/l		94
18) Methyl Acetate	2.46	43	3903	11.759 ug/l	#	61
20) Methylene Chloride	2.26	84	2141	Below Cal		84
25) 2-Butanone	4.50	43	366	Below Cal	#	59
28) Bromochloromethane	3.79	49	62	Below Cal	#	6
29) Tetrahydrofuran	4.20	42	128	Below Cal	#	36
37) Ethyl Acetate	4.27	43	64	Below Cal	#	26
48) Methyl methacrylate	6.84	41	662	1.907 ug/l	#	37
49) 1,4-Dioxane	6.96	88	74	Below Cal	#	17
59) 2-Hexanone	9.60	43	257	Below Cal	#	30
74) N-amyl acetate	11.44	43	942	2.029 ug/l	#	46
80) 1,3,5-Trimethylbenzene	11.77	105	1584	1.413 ug/l		87
84) 1,2,4-Trimethylbenzene	12.27	105	2267	1.921 ug/l	#	60
87) 1,3-Dichlorobenzene	12.47	146	72	Below Cal	#	23
89) n-Butylbenzene	12.89	91	1835	1.450 ug/l	#	55
92) 1,2-Dibromo-3-Chloropropan	13.79	75	125	1.745 ug/l	#	1
95) Naphthalene	14.51	128	1238	1.242 ug/l	#	50

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

Quantitation Report (Not Reviewed)

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
NB-08-062918RE

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Quant Title : SW846 8260
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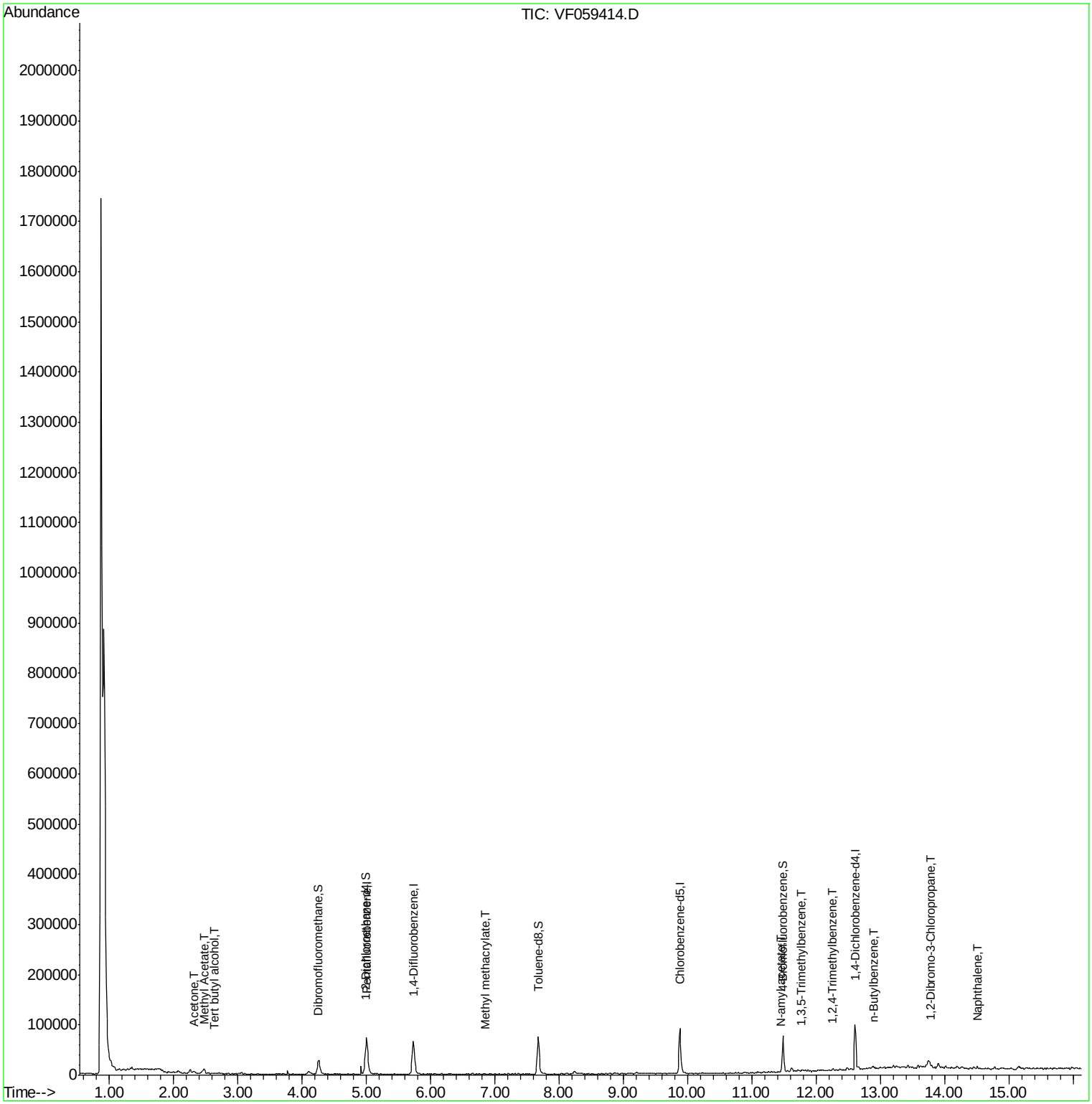
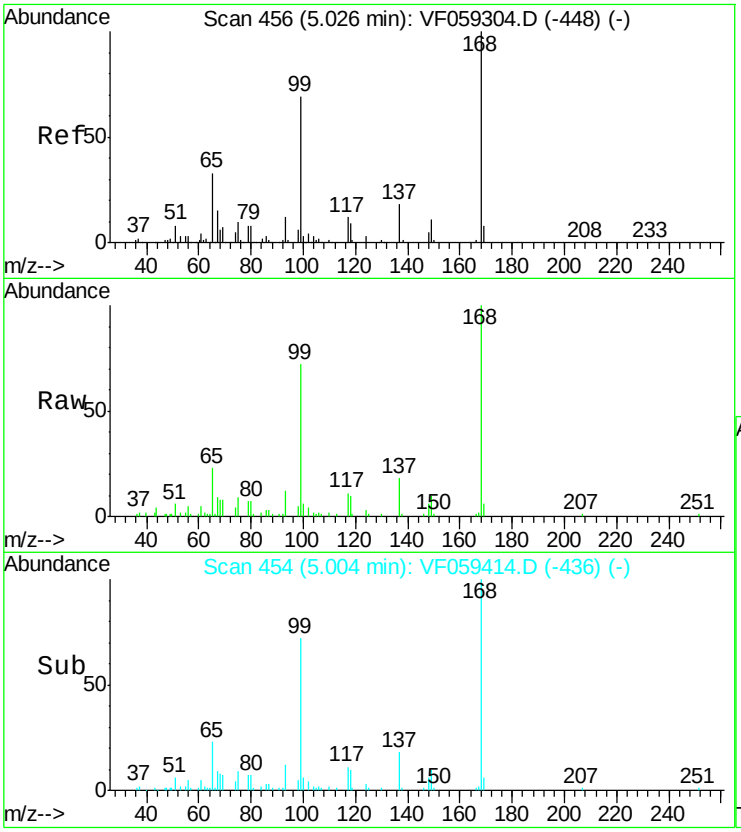


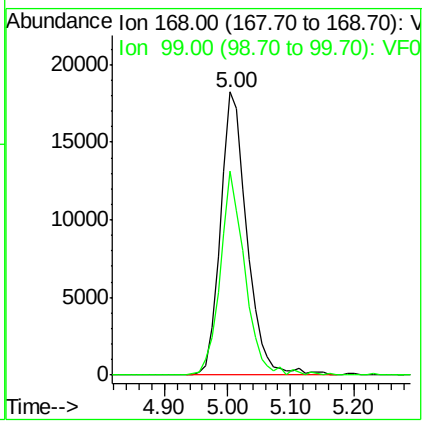


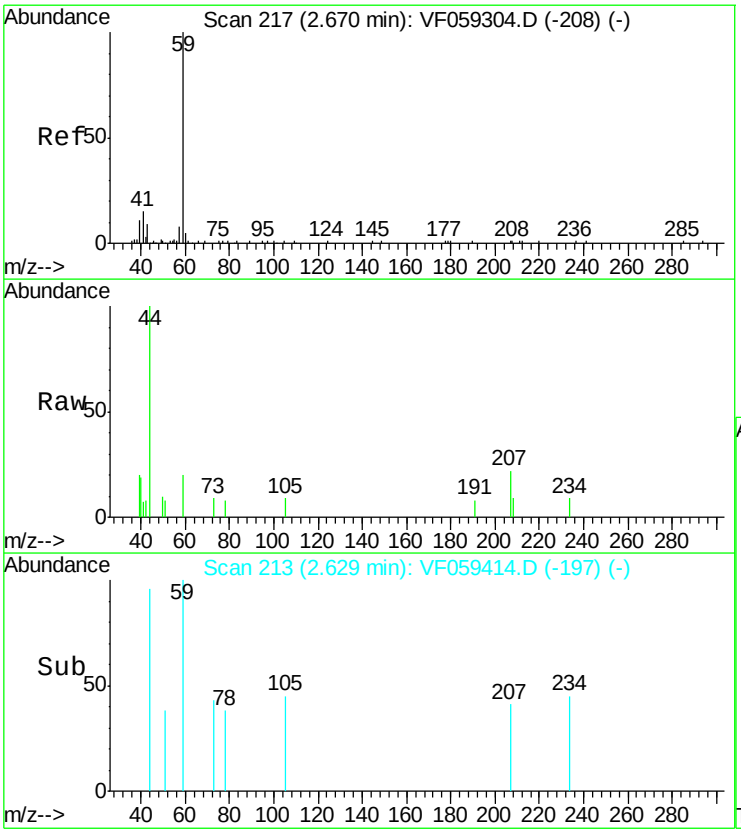
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument :
MSVOA_F
ClientSampleId :
NB-08-062918RE

Tgt Ion:168 Resp: 52915

Ion	Ratio	Lower	Upper
168	100		
99	72.2	54.9	82.3

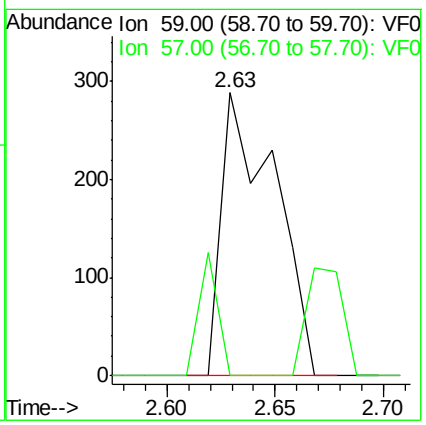


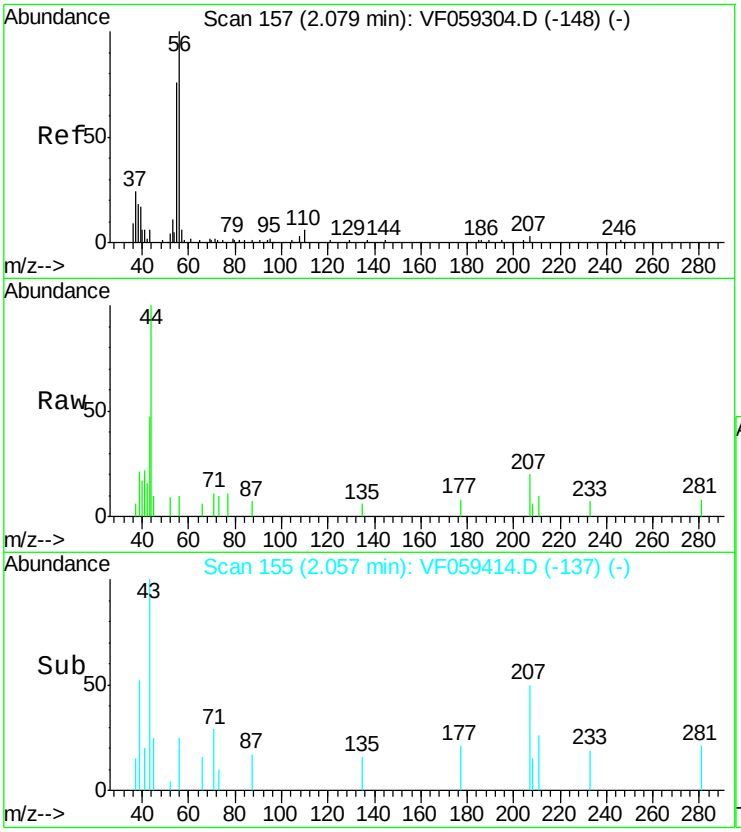


#11
Tert butyl alcohol
Concen: 10.986 ug/l
RT: 2.63 min Scan# 213
Delta R.T. -0.04 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion: 59 Resp: 500

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.0	16.4#



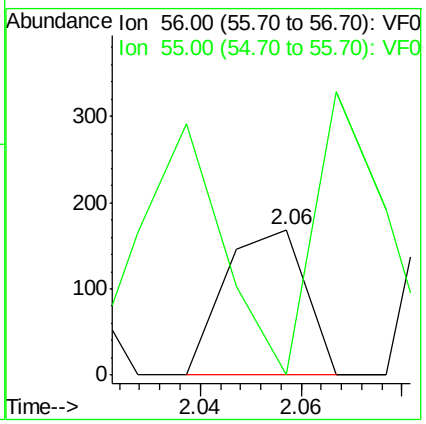


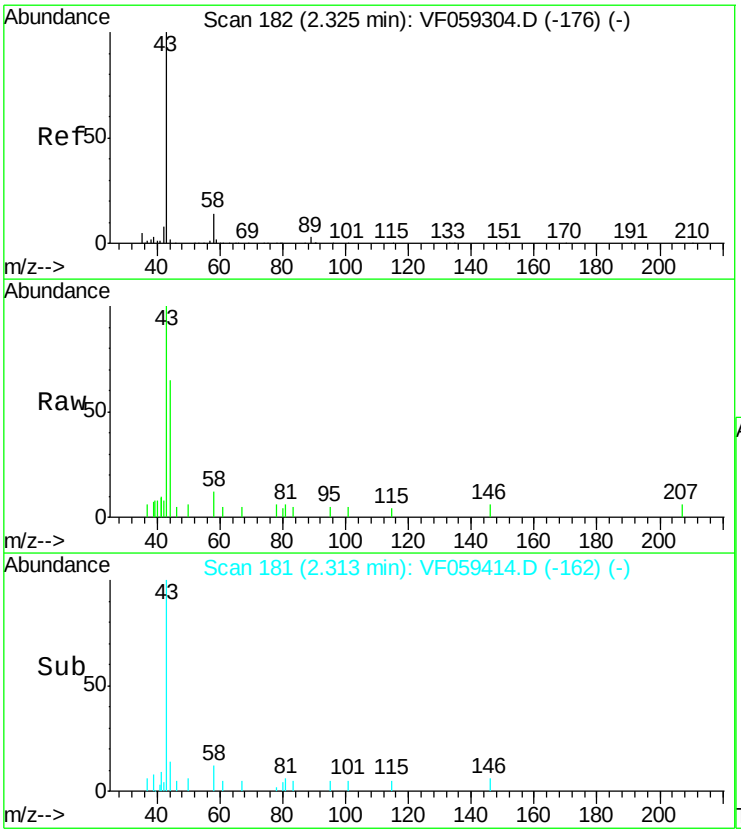
#13
Acrolein
Concen: Below Cal
RT: 2.06 min Scan# 155
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument : MSVOA_F
ClientSampleId : NB-08-062918RE

Tgt Ion: 56 Resp: 186

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.4	93.6#

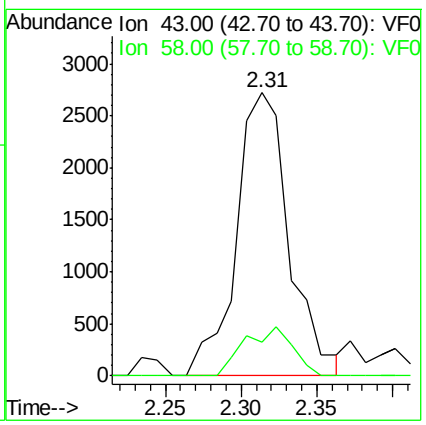


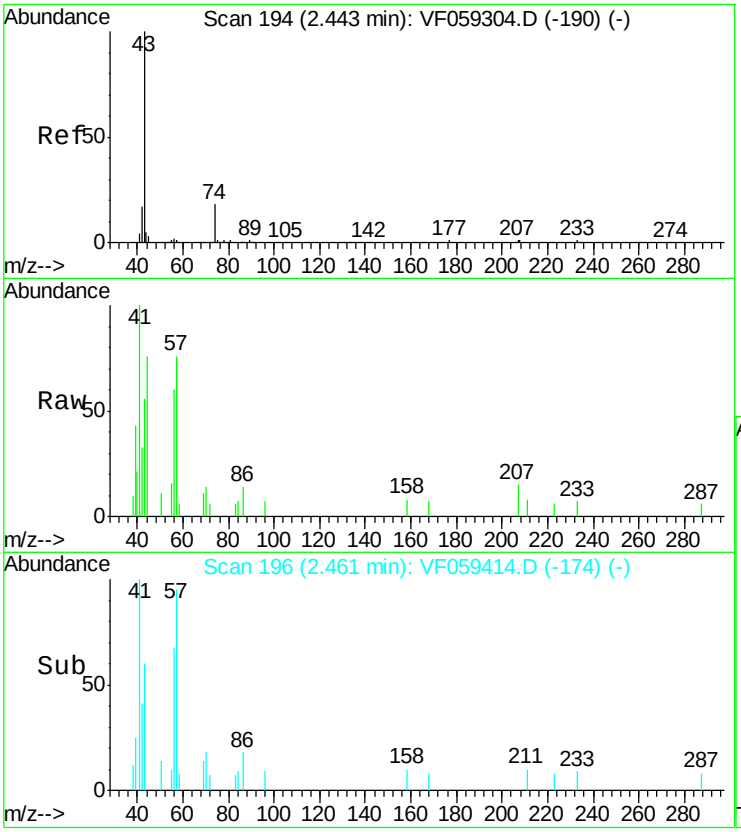


#16
Acetone
Concen: 29.660 ug/l
RT: 2.31 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion: 43 Resp: 6599

Ion	Ratio	Lower	Upper
43	100		
58	11.8	11.4	17.0



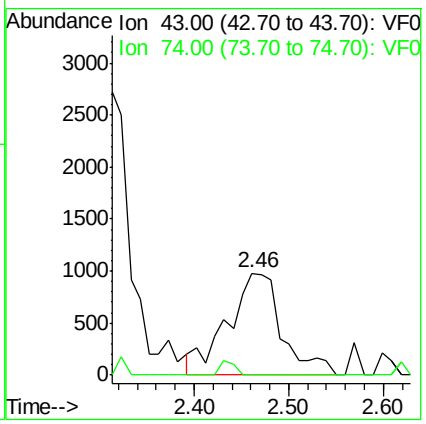


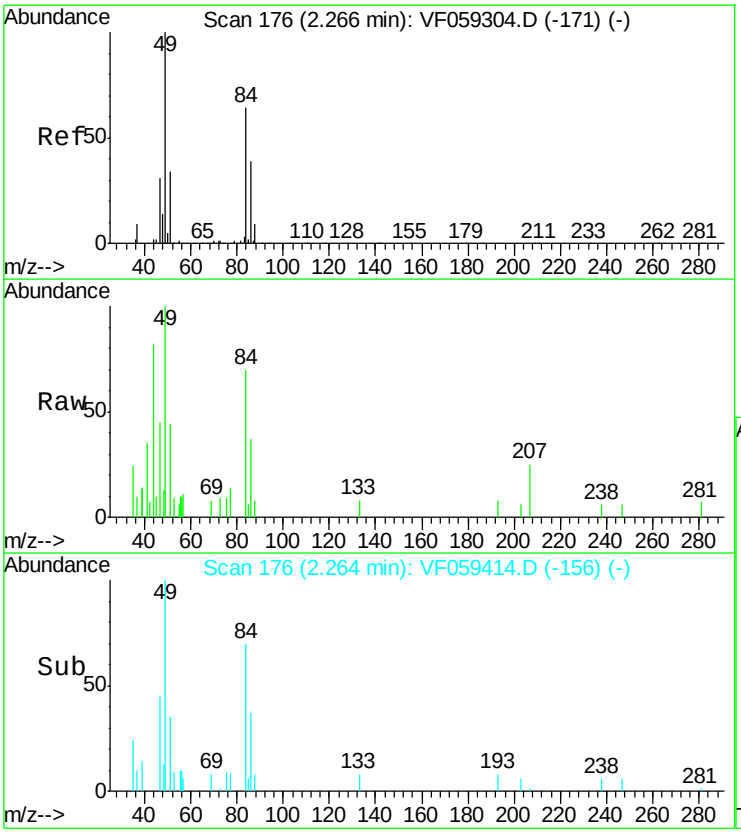
#18
Methyl Acetate
Concen: 11.759 ug/l
RT: 2.46 min Scan# 196
Delta R.T. 0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument : MSVOA_F
ClientSampleId : NB-08-062918RE

Tgt Ion: 43 Resp: 3903

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

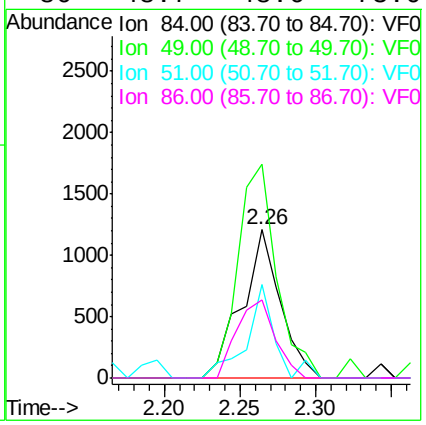


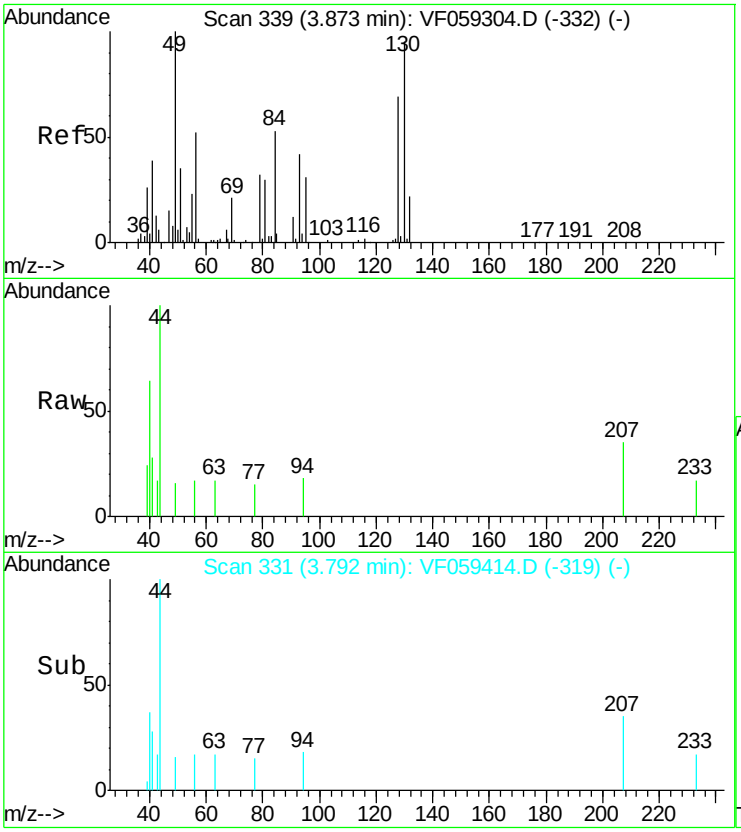


#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion: 84 Resp: 2141

Ion	Ratio	Lower	Upper
84	100		
49	132.4	126.5	189.7
51	57.9	42.9	64.3
86	48.7	48.6	73.0



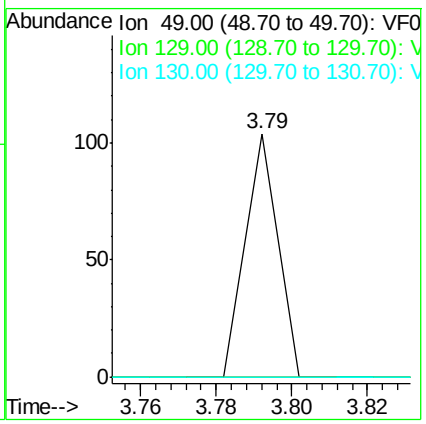


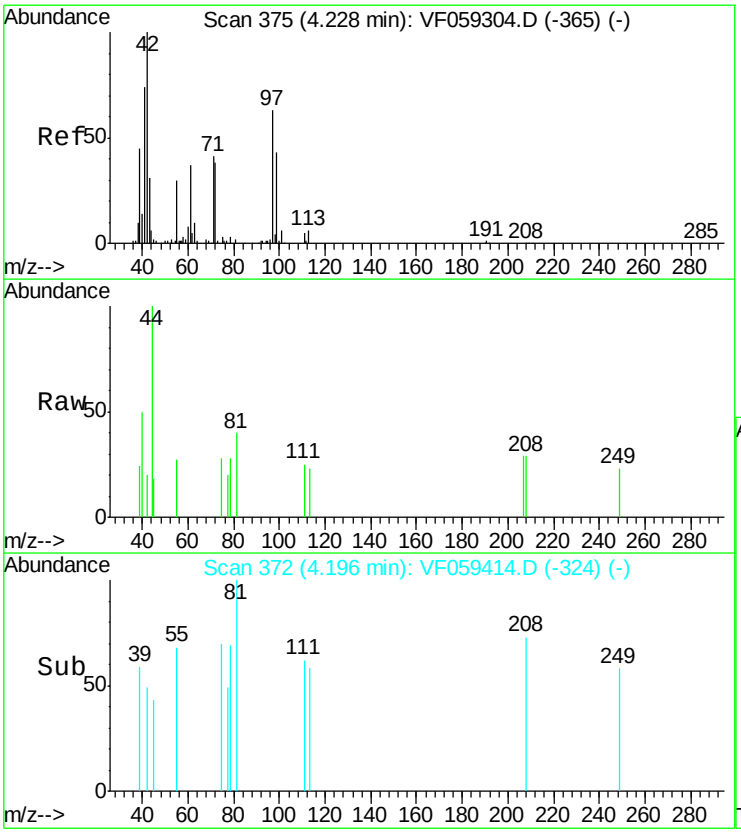
#28
Bromochloromethane
Concen: Below Cal
RT: 3.79 min Scan# 331
Delta R.T. -0.08 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument :
MSVOA_F
ClientSampleId :
NB-08-062918RE

Tgt Ion: 49 Resp: 62

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.4
130	0.0	75.1	112.7#

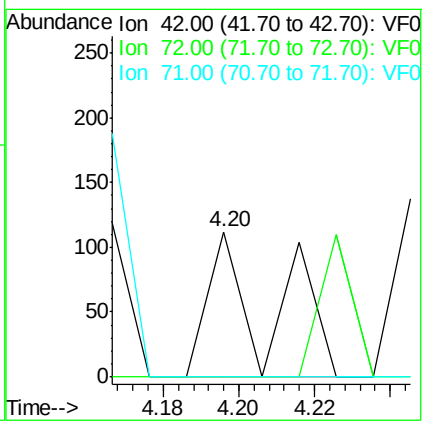


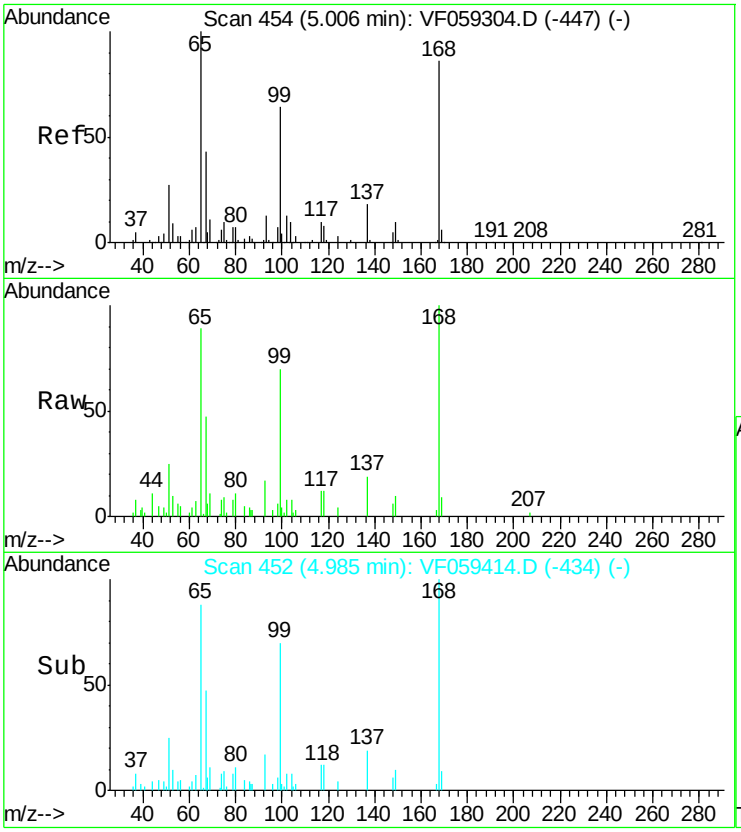


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.20 min Scan# 372
Delta R.T. -0.03 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion: 42 Resp: 128

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	0.0	32.5	48.7#



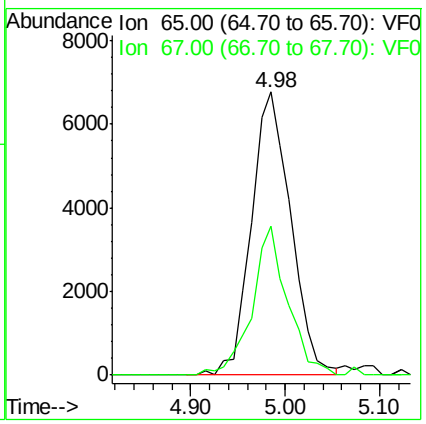


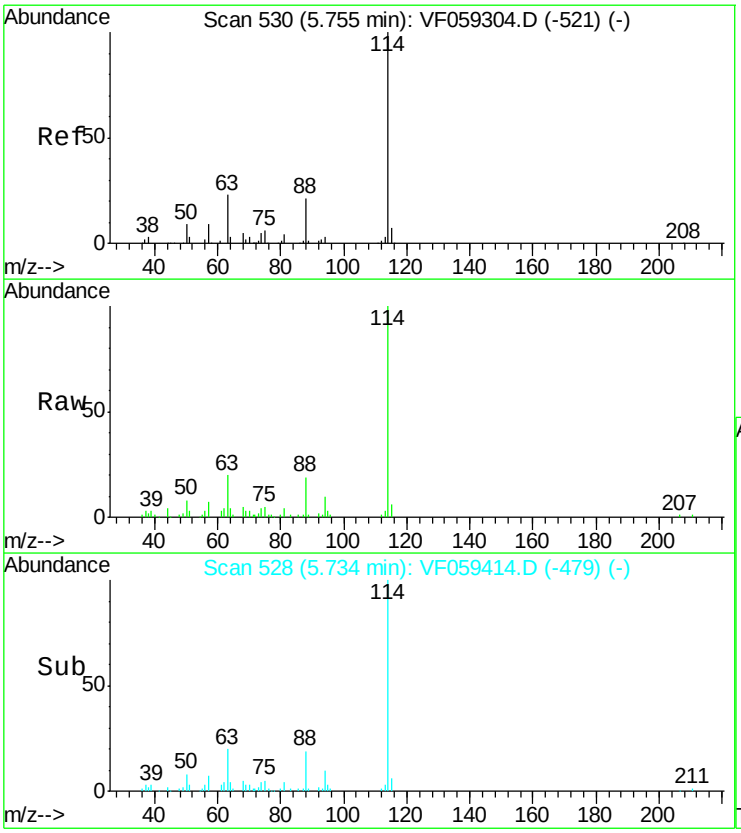
#33
1,2-Dichloroethane-d4
Concen: 28.687 ug/l
RT: 4.98 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument :
MSVOA_F
ClientSampleId :
NB-08-062918RE

Tgt Ion: 65 Resp: 19612

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	96.8

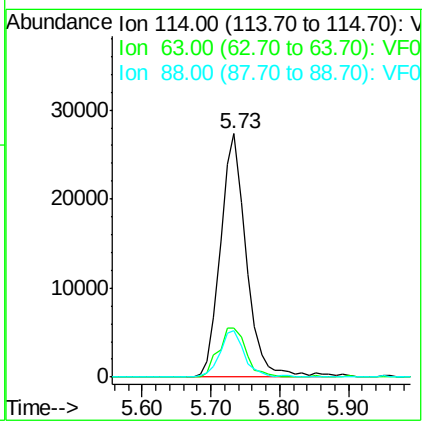


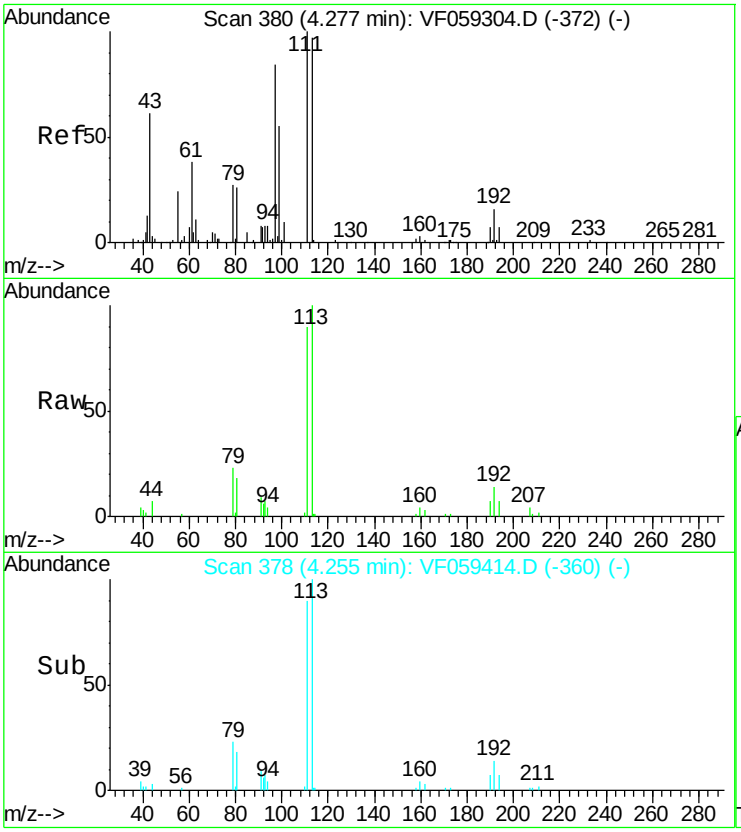


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.73 min Scan# 528
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion:114 Resp: 71183

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	45.8
88	19.3	0.0	41.2



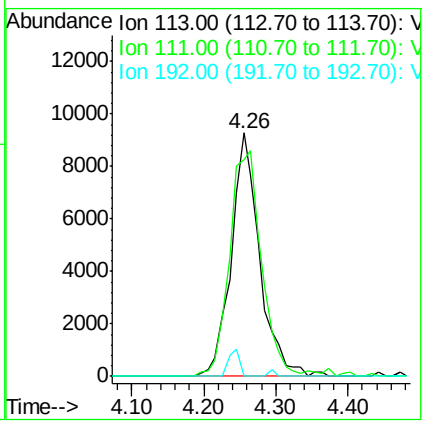


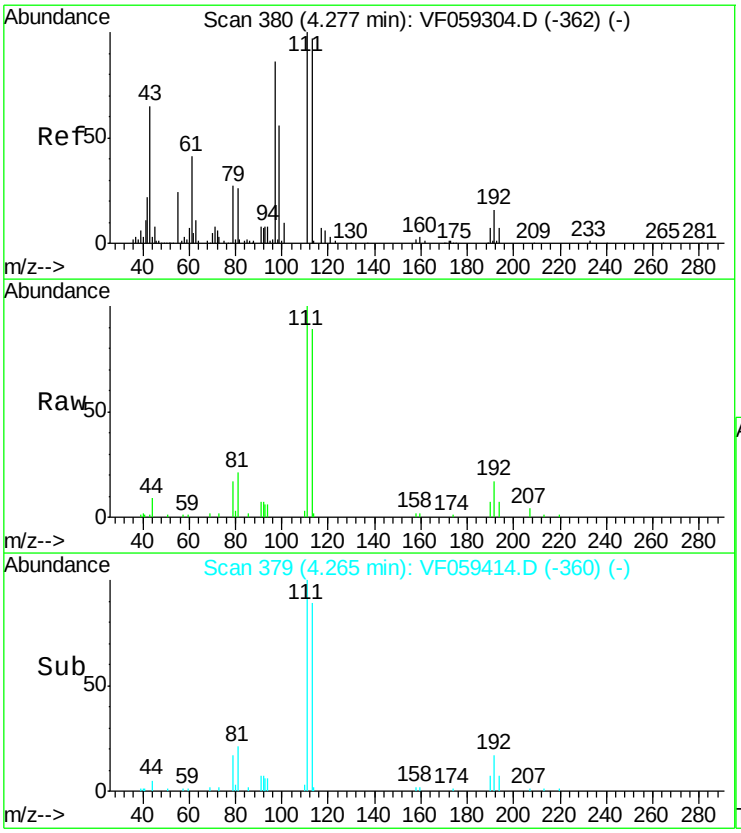
#35
Dibromofluoromethane
Concen: 48.947 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument :
MSVOA_F
ClientSampleId :
NB-08-062918RE

Tgt Ion:113 Resp: 25458

Ion	Ratio	Lower	Upper
113	100		
111	89.0	82.1	123.1
192	0.0	13.0	19.6#

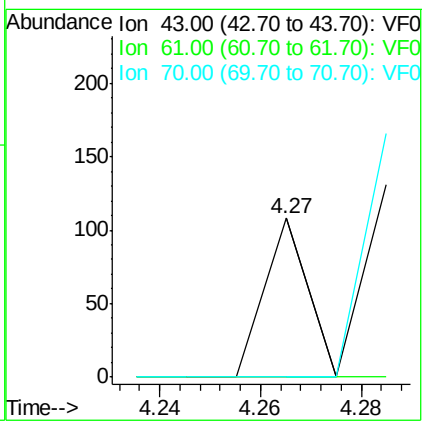


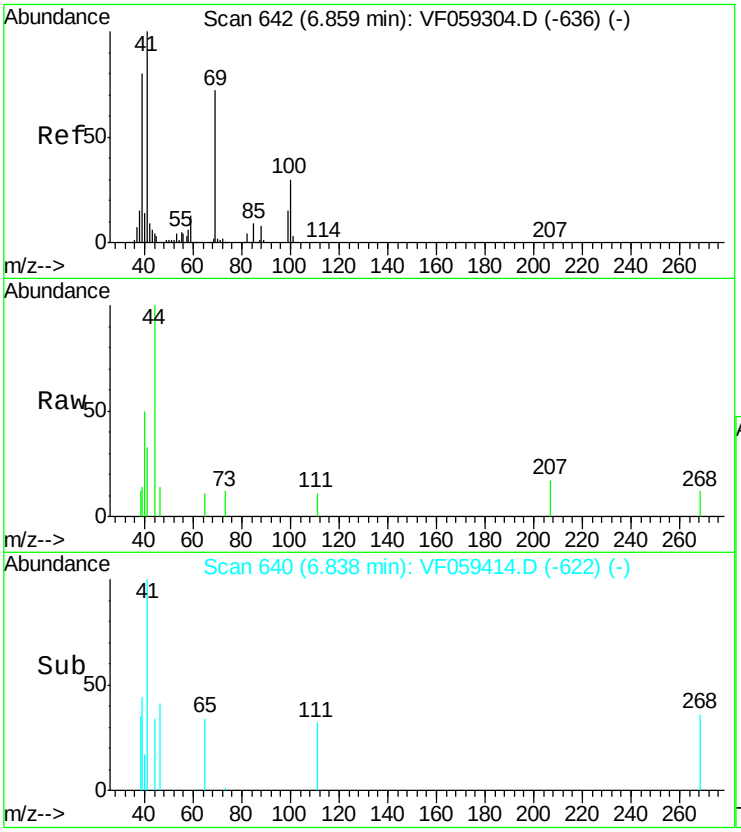


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion: 43 Resp: 64

Ion	Ratio	Lower	Upper
43	100		
61	0.0	50.1	75.1#
70	0.0	6.2	9.4#



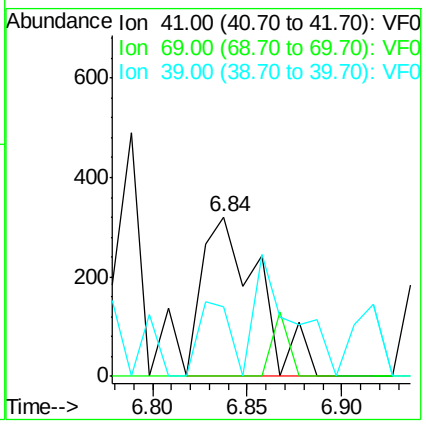


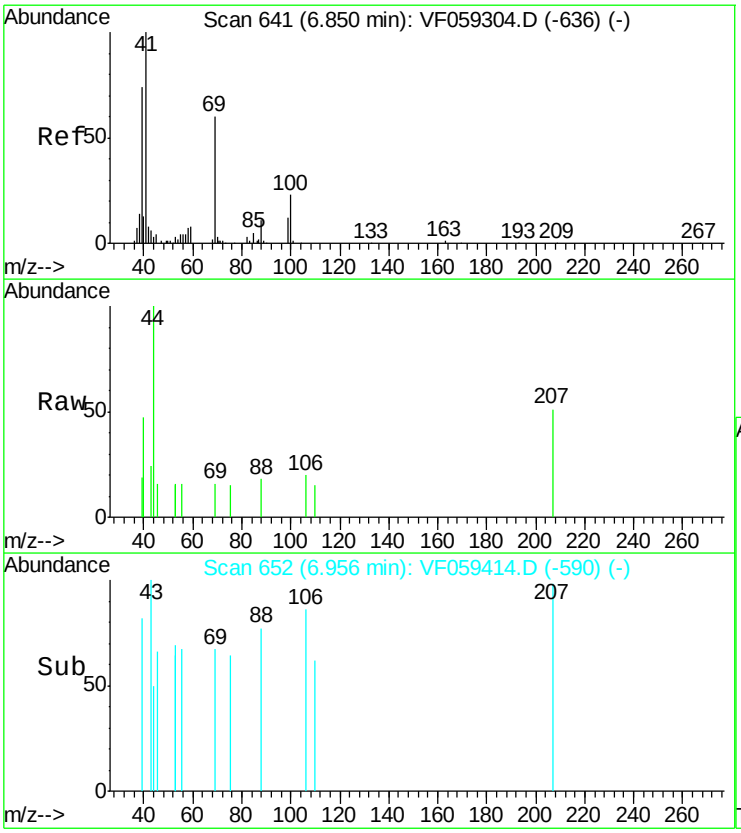
#48
Methyl methacrylate
Concen: 1.907 ug/l
RT: 6.84 min Scan# 640
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument : MSVOA_F
ClientSampleId : NB-08-062918RE

Tgt Ion: 41 Resp: 662

Ion	Ratio	Lower	Upper
41	100		
69	0.0	57.3	85.9#
39	43.6	64.4	96.6#

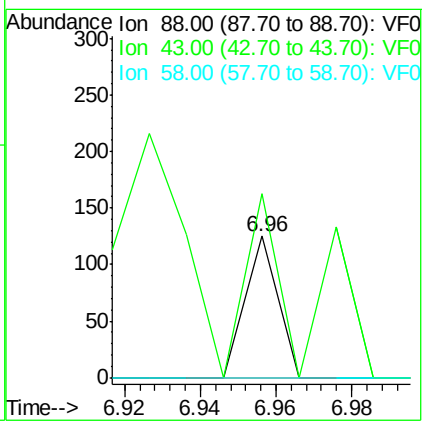


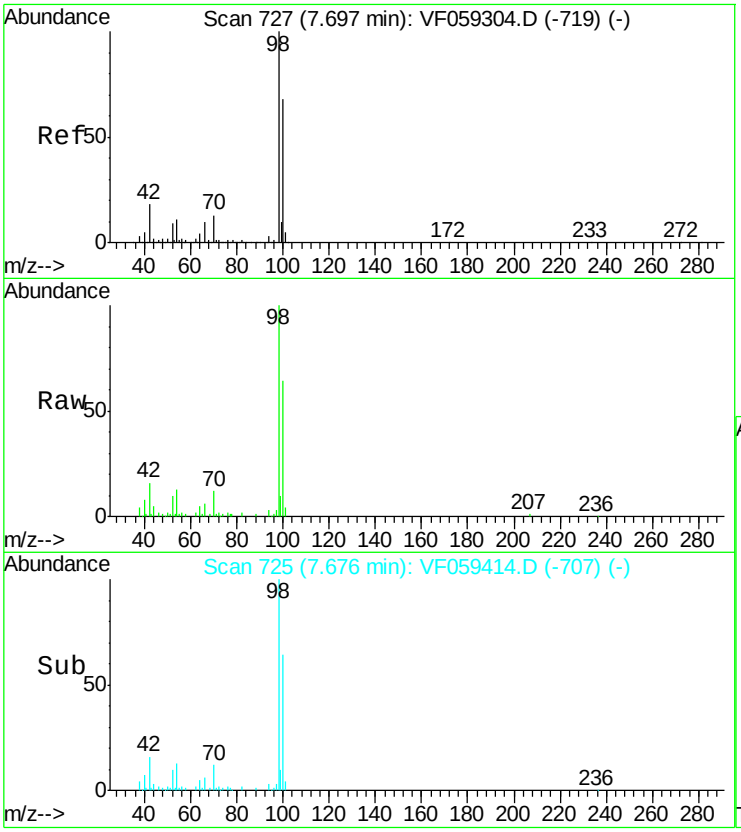


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.96 min Scan# 652
Delta R.T. 0.11 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion: 88 Resp: 74

Ion	Ratio	Lower	Upper
88	100		
43	130.4	50.6	75.8#
58	0.0	46.6	69.8#



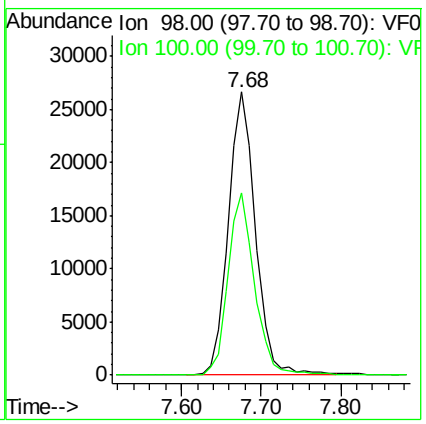


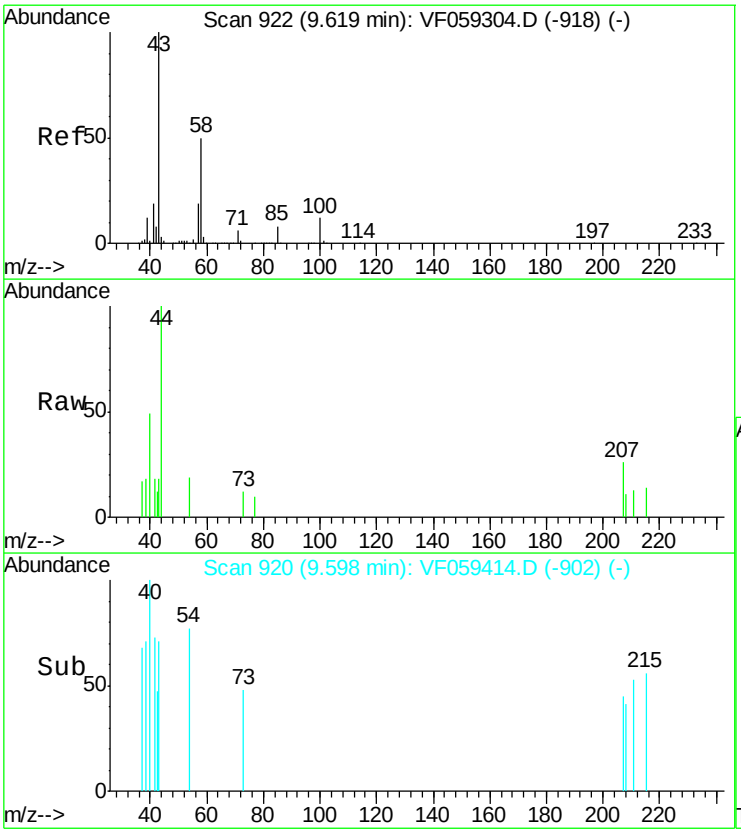
#50
Toluene-d8
Concen: 49.341 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument :
MSVOA_F
ClientSampleId :
NB-08-062918RE

Tgt Ion: 98 Resp: 63538

Ion	Ratio	Lower	Upper
98	100		
100	64.2	54.6	82.0

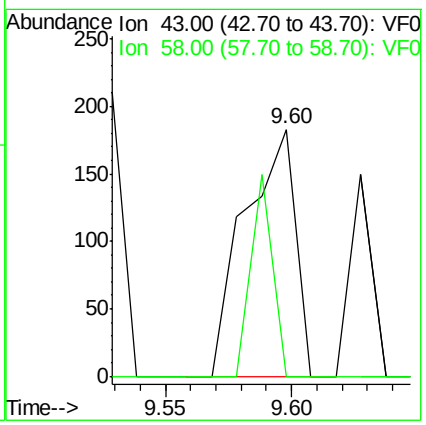


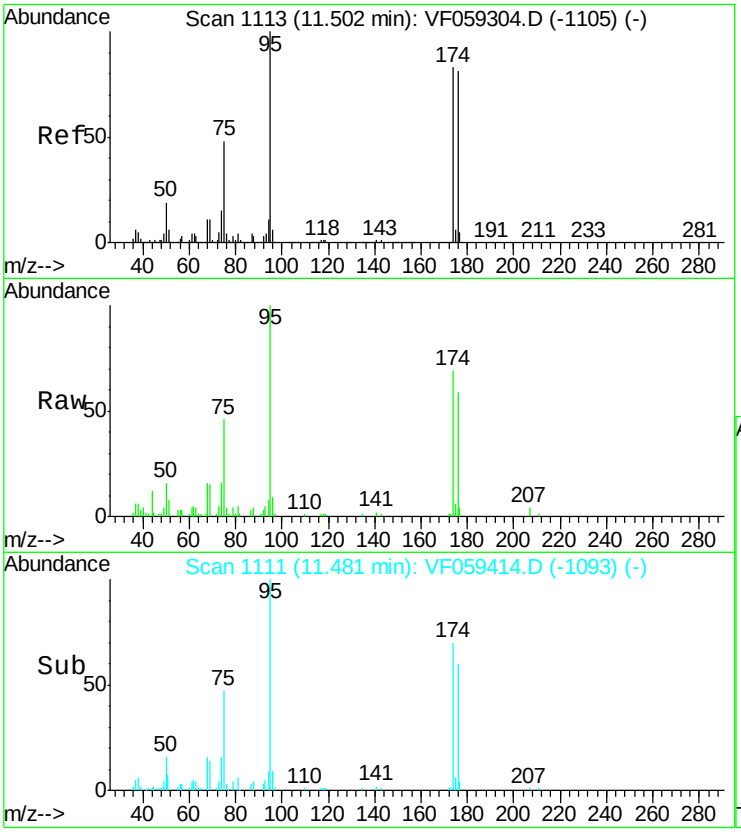


#59
2-Hexanone
Concen: Below Cal
RT: 9.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion: 43 Resp: 257

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.9#



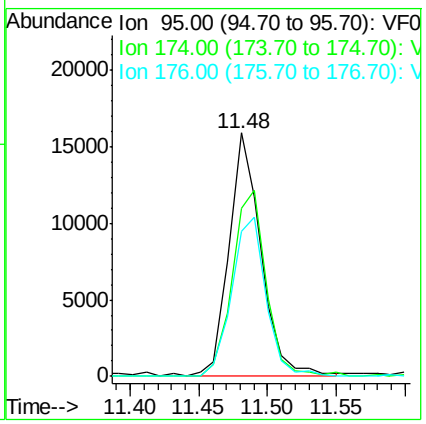


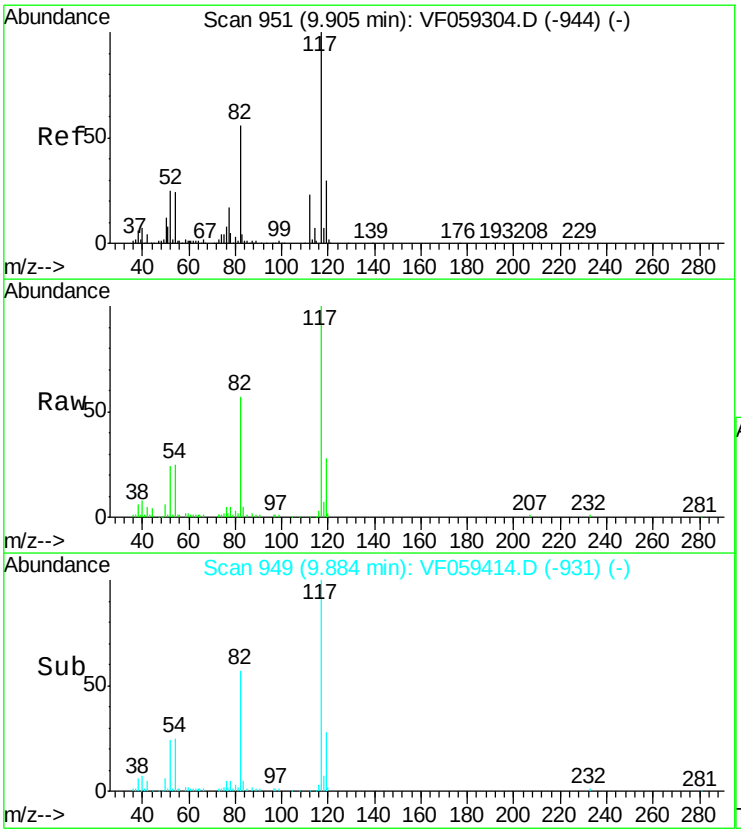
#62
4-Bromofluorobenzene
Concen: 35.650 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument : MSVOA_F
ClientSampleId : NB-08-062918RE

Tgt Ion: 95 Resp: 25896

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	165.2
176	59.5	0.0	161.0

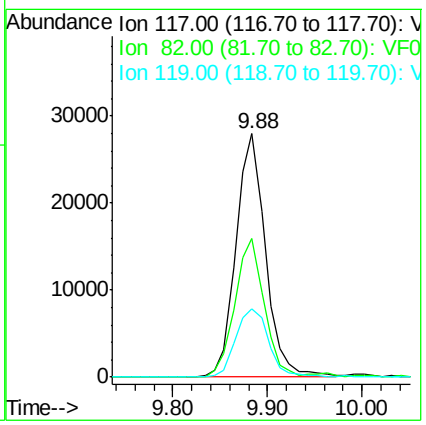


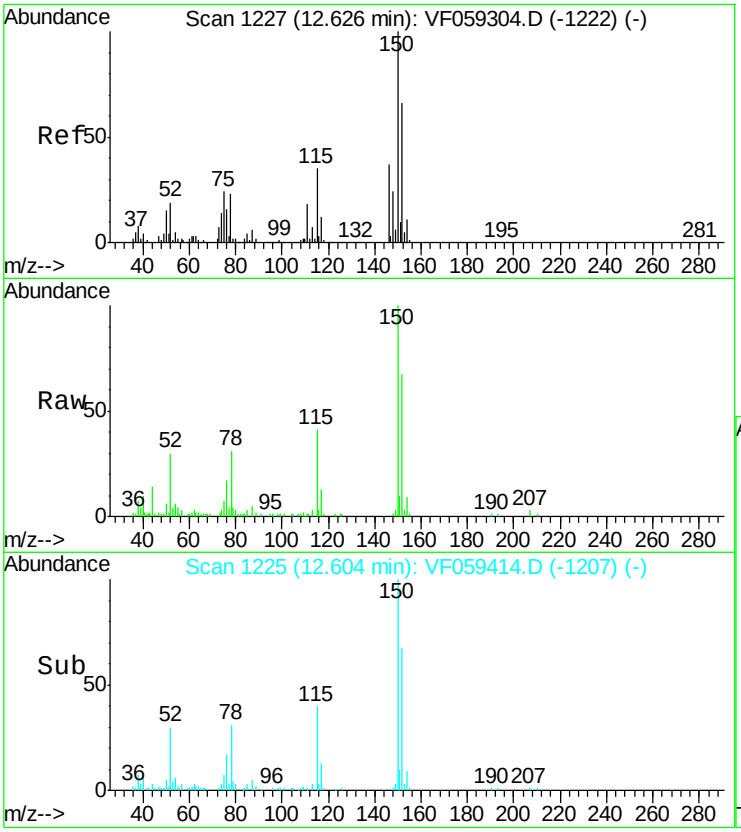


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion:117 Resp: 60446

Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.6	66.8
119	28.3	24.1	36.1



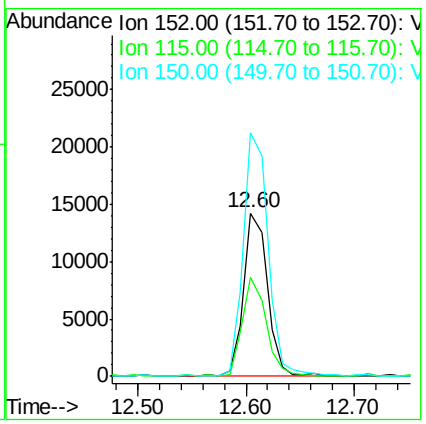


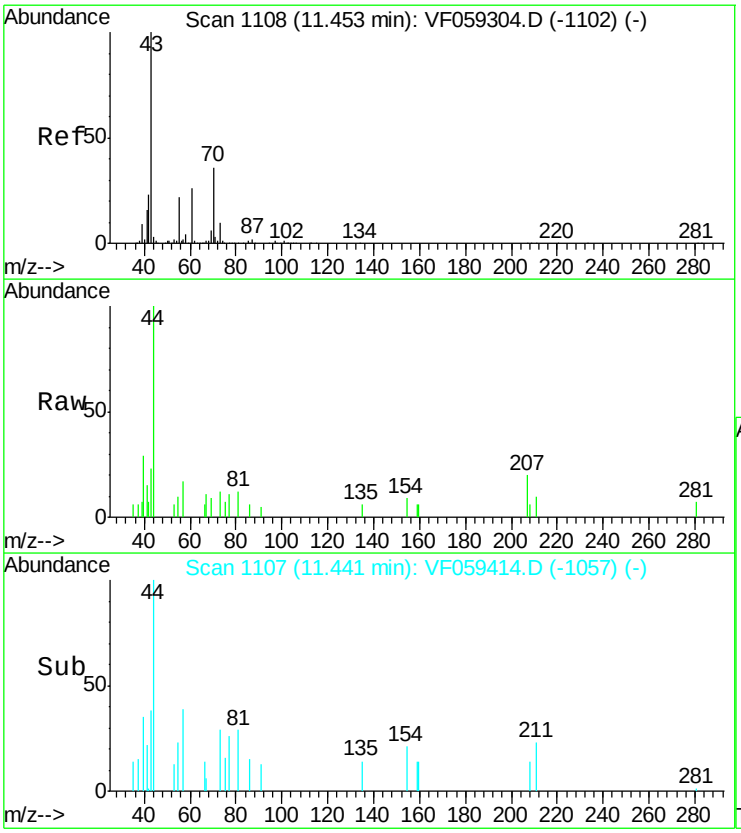
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument : MSVOA_F
ClientSampleId : NB-08-062918RE

Tgt Ion:152 Resp: 21963

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.1	81.3
150	149.2	0.0	305.2

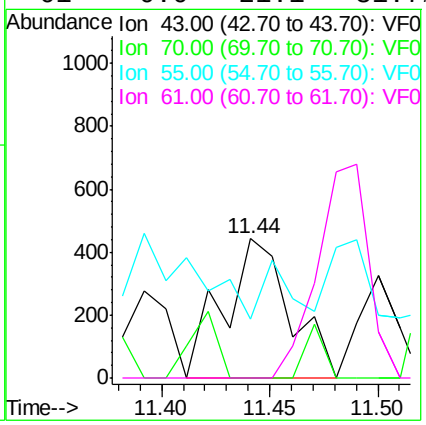


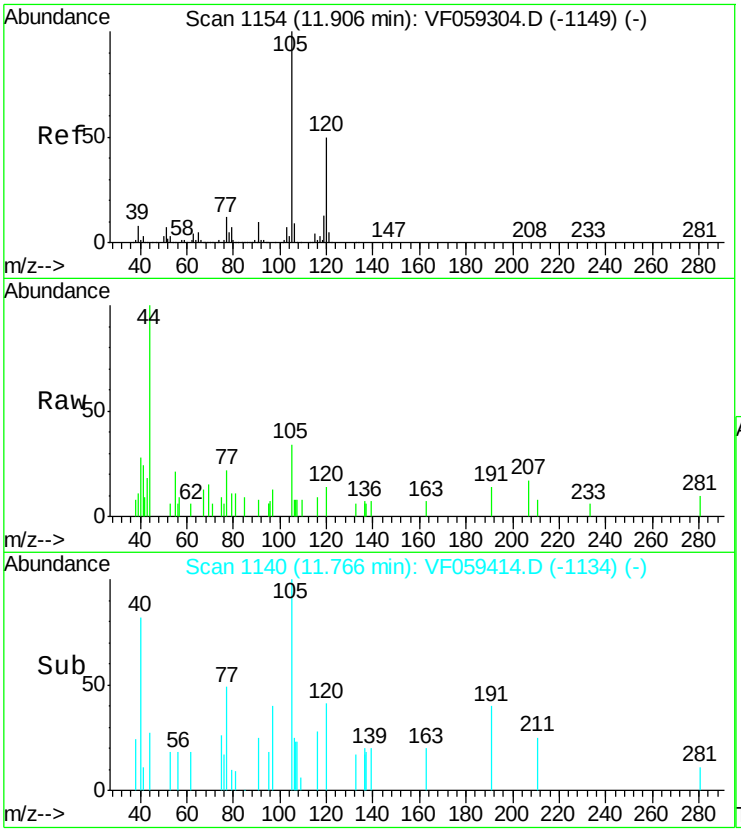


#74
N-amyl acetate
Concen: 2.029 ug/l
RT: 11.44 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion: 43 Resp: 942

Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.8	43.2#
55	42.3	17.4	26.0#
61	0.0	21.1	31.7#



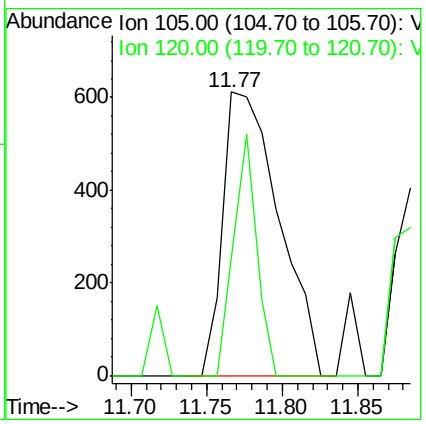


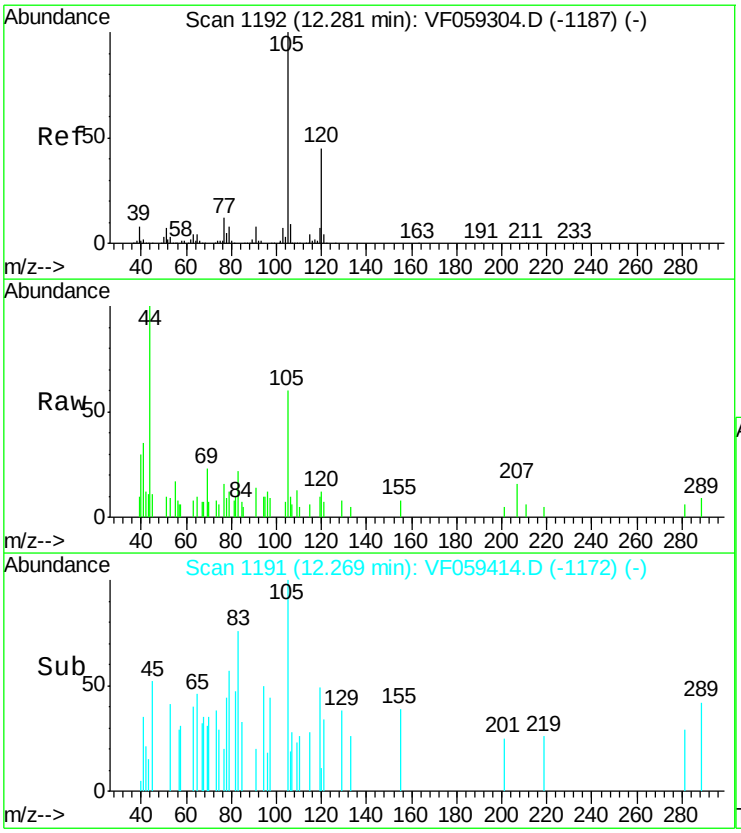
#80
1,3,5-Trimethylbenzene
Concen: 1.413 ug/l
RT: 11.77 min Scan# 1140
Delta R.T. -0.14 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument :
MSVOA_F
ClientSampleId :
NB-08-062918RE

Tgt Ion:105 Resp: 1584

Ion	Ratio	Lower	Upper
105	100		
120	41.2	24.9	74.7

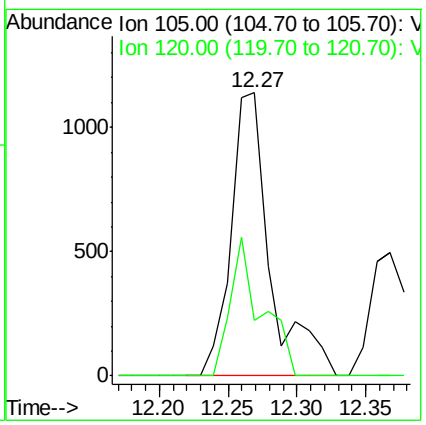


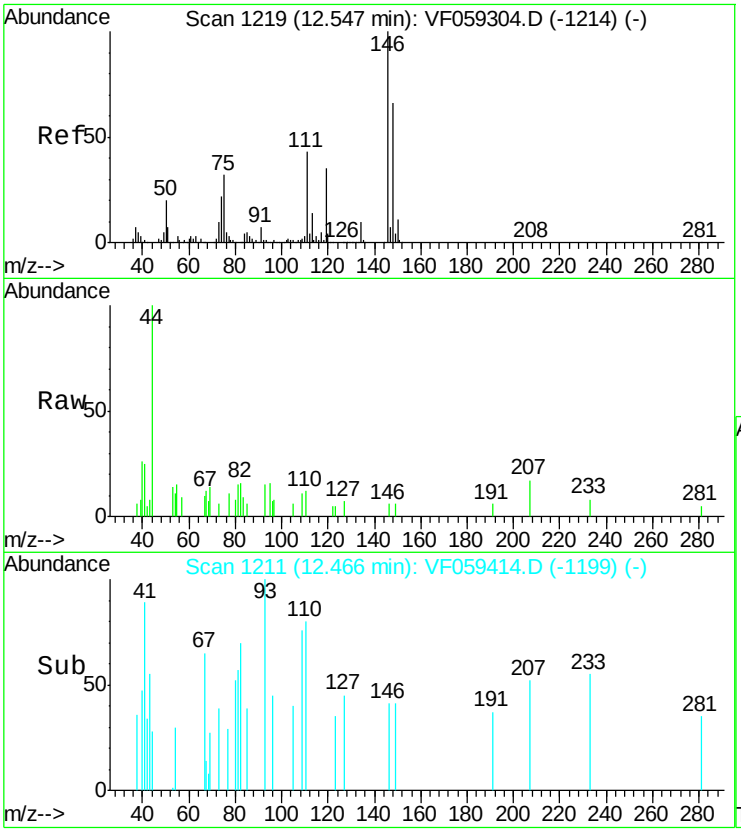


#84
1,2,4-Trimethylbenzene
Concen: 1.921 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. -0.01 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion:105 Resp: 2267

Ion	Ratio	Lower	Upper
105	100		
120	19.5	22.8	68.4#



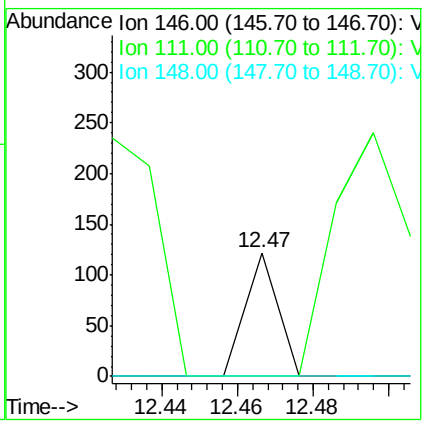


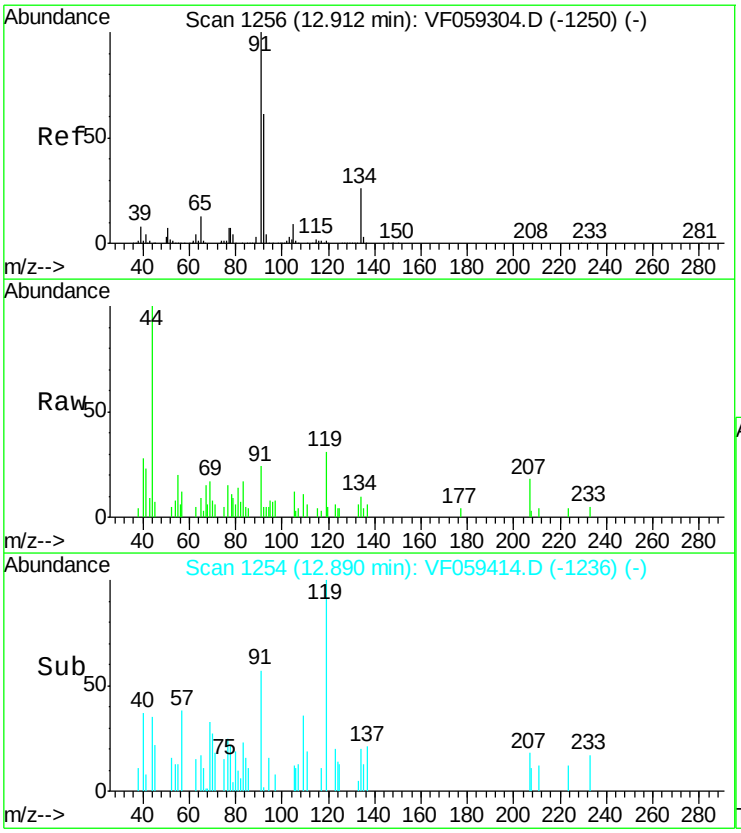
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.47 min Scan# 1211
Delta R.T. -0.08 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument : MSVOA_F
ClientSampleId : NB-08-062918RE

Tgt Ion:146 Resp: 72

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.2#
148	0.0	32.8	98.4#

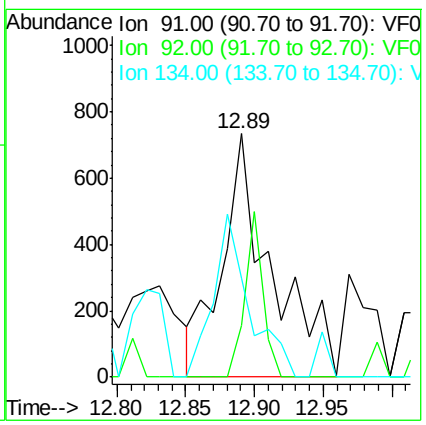


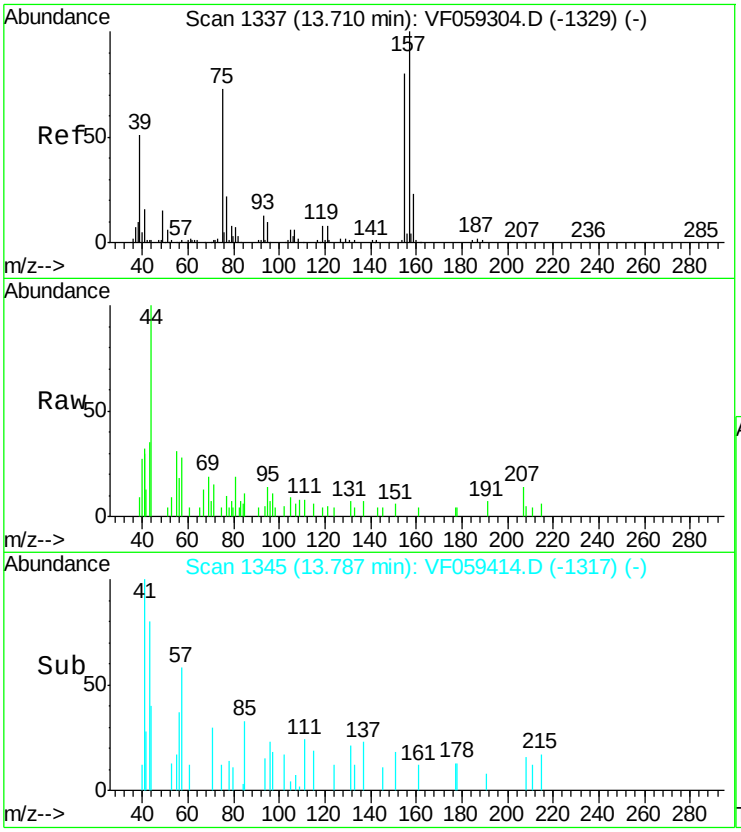


#89
n-Butylbenzene
Concen: 1.450 ug/l
RT: 12.89 min Scan# 1254
Delta R.T. -0.02 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion: 91 Resp: 1835

Ion	Ratio	Lower	Upper
91	100		
92	21.4	30.3	91.0#
134	40.5	12.9	38.7#



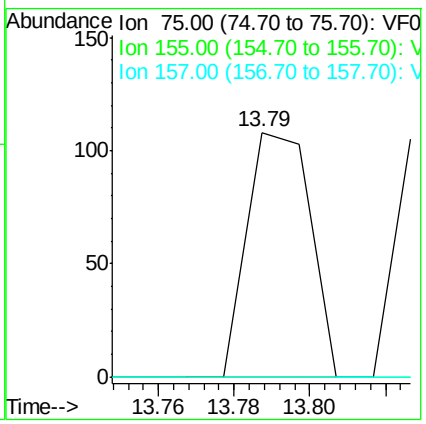


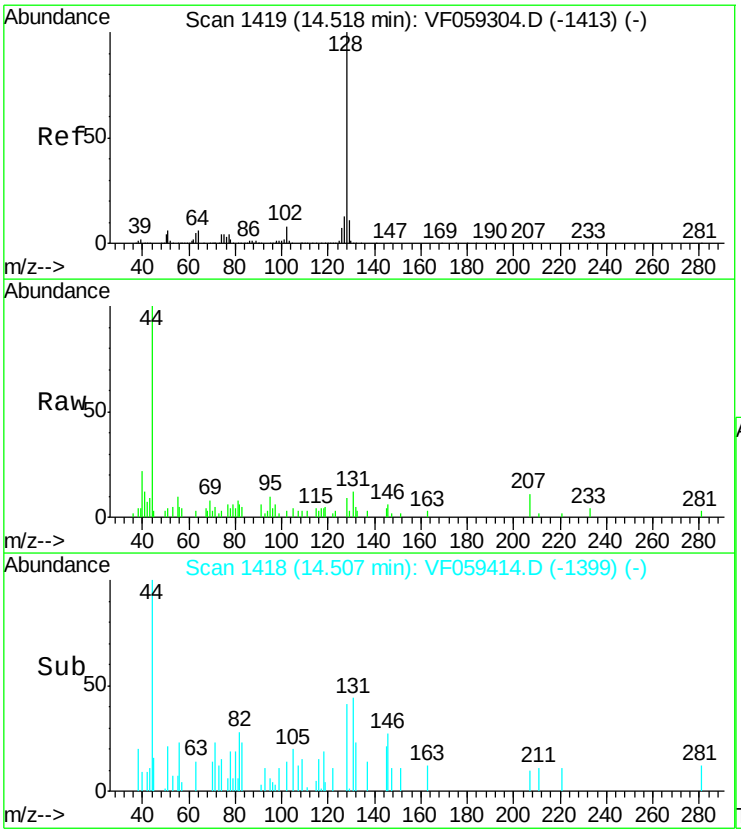
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.745 ug/l
RT: 13.79 min Scan# 1345
Delta R.T. 0.08 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Instrument : MSVOA_F
ClientSampleId : NB-08-062918RE

Tgt Ion: 75 Resp: 125

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.6	163.8#
157	0.0	68.7	205.9#





#95
Naphthalene
Concen: 1.242 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059414.D
Acq: 3 Jul 2018 16:12

Tgt Ion:128 Resp: 1238

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	37.8	8.8	13.2#