Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050719\
Data File : VF062364.D
Acq On : 7 May 2019 18:21
Operator : FY/SY
Sample : K2639-03
Misc : 5.42g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : NB-08-050319-B

Quant Time: May 08 01:14:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	362075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	519031	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	372013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	207982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	142371	41.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.22%			
35) Dibromofluoromethane	4.30	113	171934	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.16%			
50) Toluene-d8	7.70	98	329777	32.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.90%			
62) 4-Bromofluorobenzene	11.49	95	143311	31.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.46%			
Target Compounds						Qvalue
5) Bromomethane	1.39	94	995	Below Cal	#	11
8) Diethyl Ether	1.71	74	1391	1.607	ug/l	99
11) Tert butyl alcohol	2.69	59	1531	7.917	ug/l #	41
13) Acrolein	2.09	56	704	Below Cal	#	55
15) Acrylonitrile	3.16	53	509	1.389	ug/l #	1
16) Acetone	2.35	43	16116	23.282	ug/l	95
18) Methyl Acetate	2.45	43	1726	Below Cal	#	58
20) Methylene Chloride	2.36	84	4850	1.937	ug/l #	85
25) 2-Butanone	4.52	43	889	1.022	ug/l #	63
29) Tetrahydrofuran	4.28	42	2028	5.074	ug/l #	63
37) Ethyl Acetate	4.32	43	651	Below Cal	#	33
38) Carbon Tetrachloride	4.21	117	144	Below Cal	#	78
41) Methacrylonitrile	4.88	41	1629	1.524	ug/l #	18
49) 1,4-Dioxane	6.96	88	124	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.39	43	3236	2.106	ug/l #	76
59) 2-Hexanone	9.61	43	2270	2.136	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.95	75	672	1.214	ug/l #	5

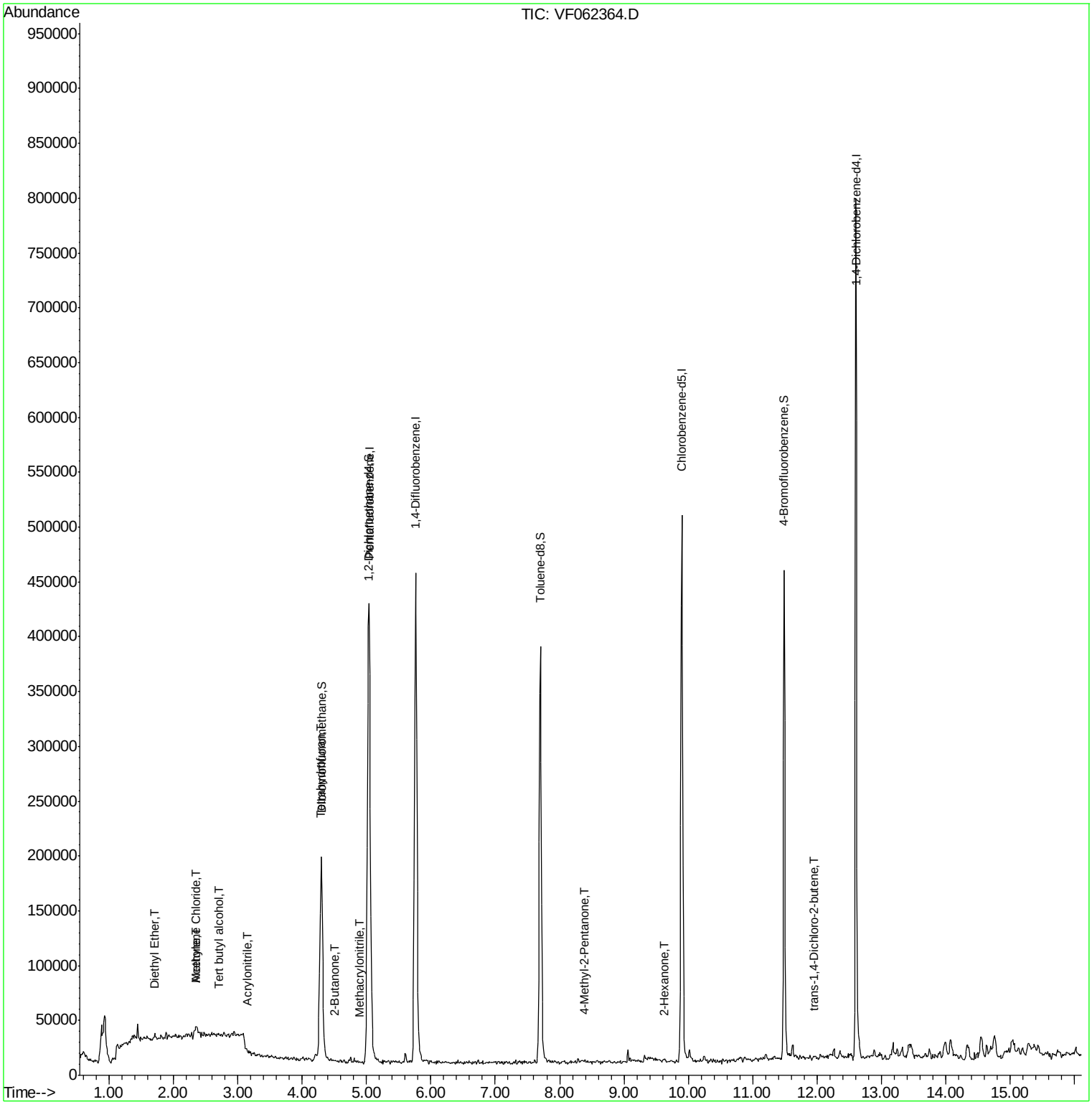
(#) = qualifier out of range (m) = manual integration (+) = signals summed

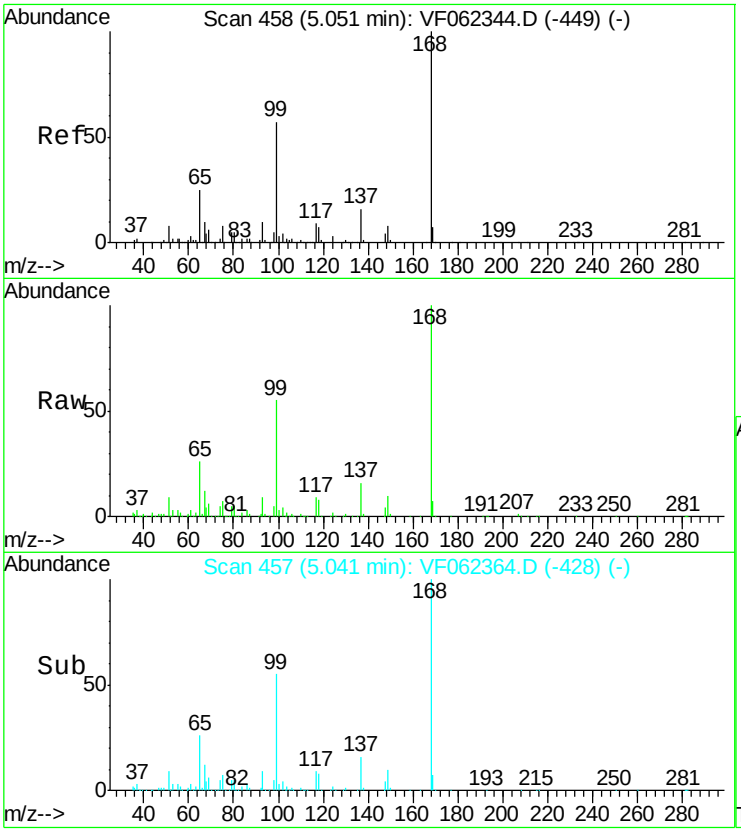
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050719\
Data File : VF062364.D
Acq On : 7 May 2019 18:21
Operator : FY/SY
Sample : K2639-03
Misc : 5.42g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Quant Time: May 08 01:14:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



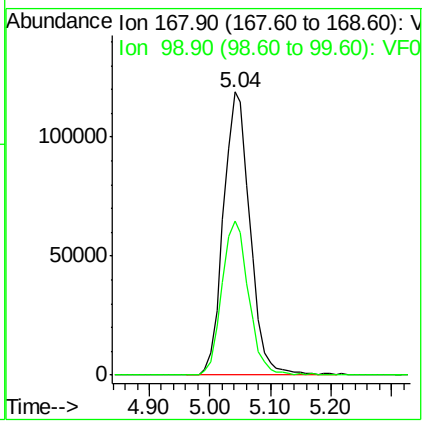


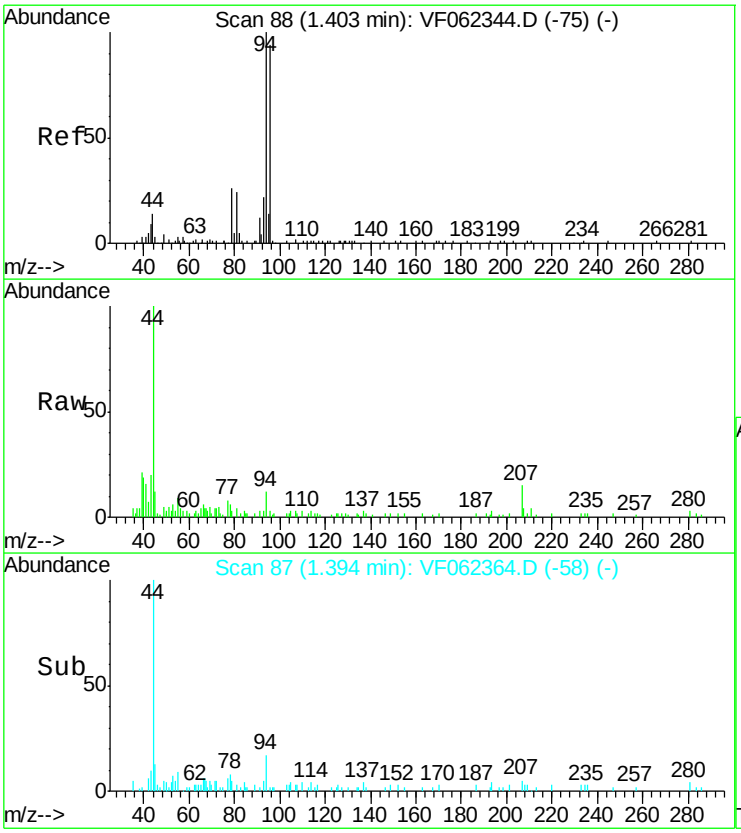
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tgt Ion:168 Resp: 362075

Ion	Ratio	Lower	Upper
168	100		
99	54.6	45.9	68.9

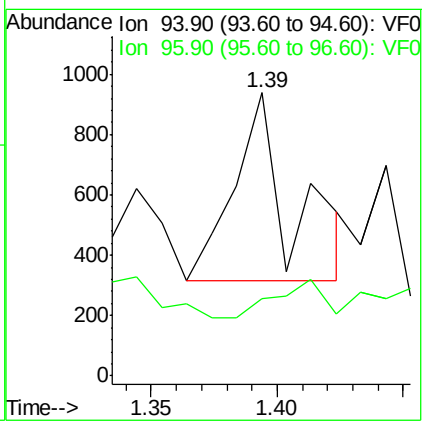


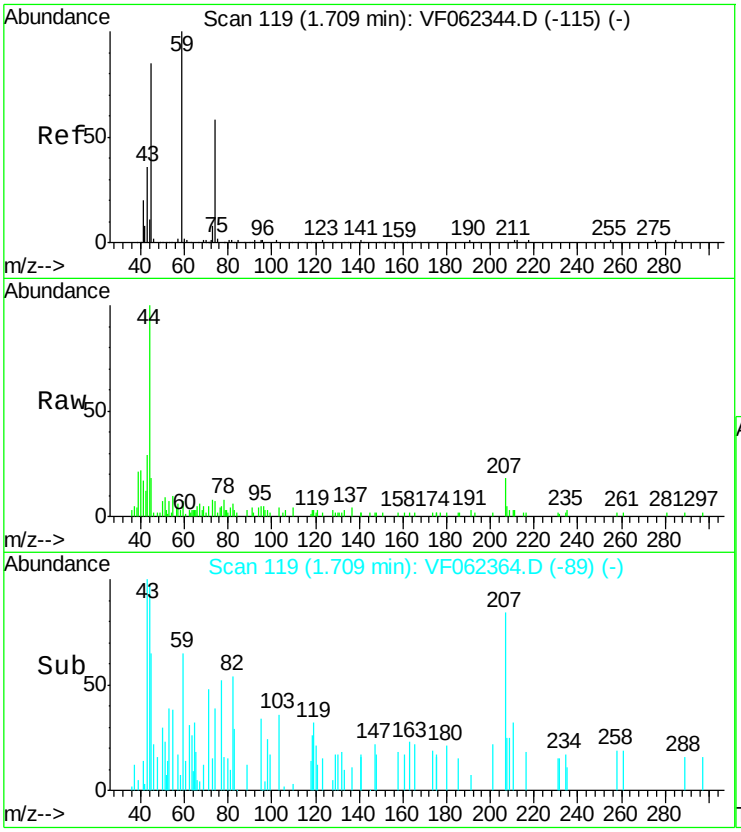


#5
Bromomethane
Concen: Below Cal
RT: 1.39 min Scan# 87
Delta R.T. -0.01 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion: 94 Resp: 995

Ion	Ratio	Lower	Upper
94	100		
96	8.0	75.4	113.2#



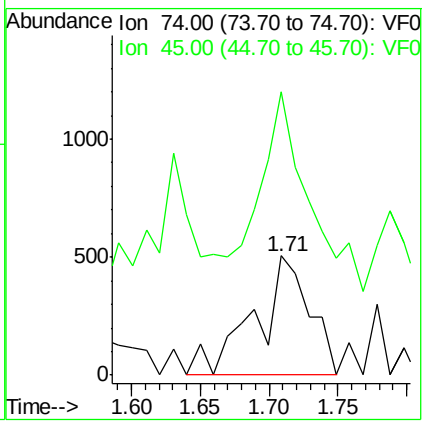


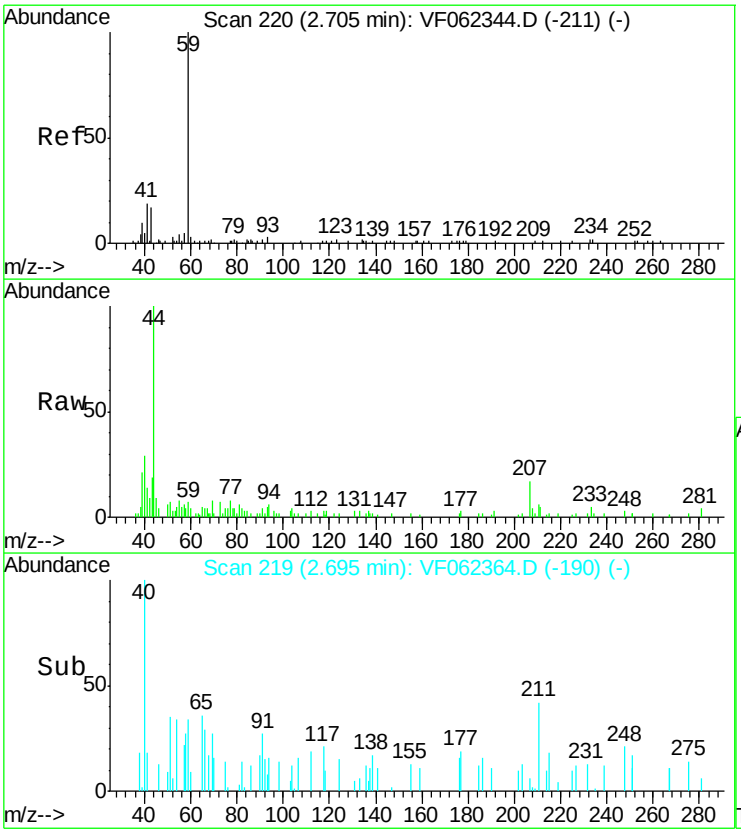
#8
Diethyl Ether
Concen: 1.607 ug/l
RT: 1.71 min Scan# 119
Delta R.T. 0.00 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tgt Ion: 74 Resp: 1391

Ion	Ratio	Lower	Upper
74	100		
45	146.6	73.9	221.6

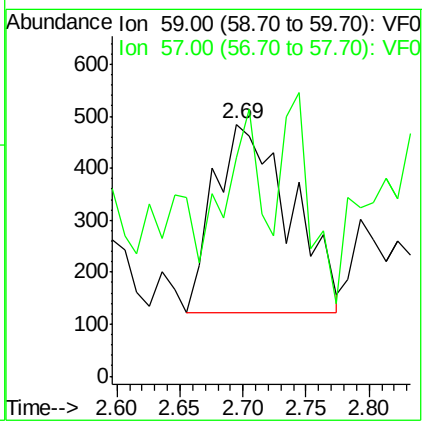


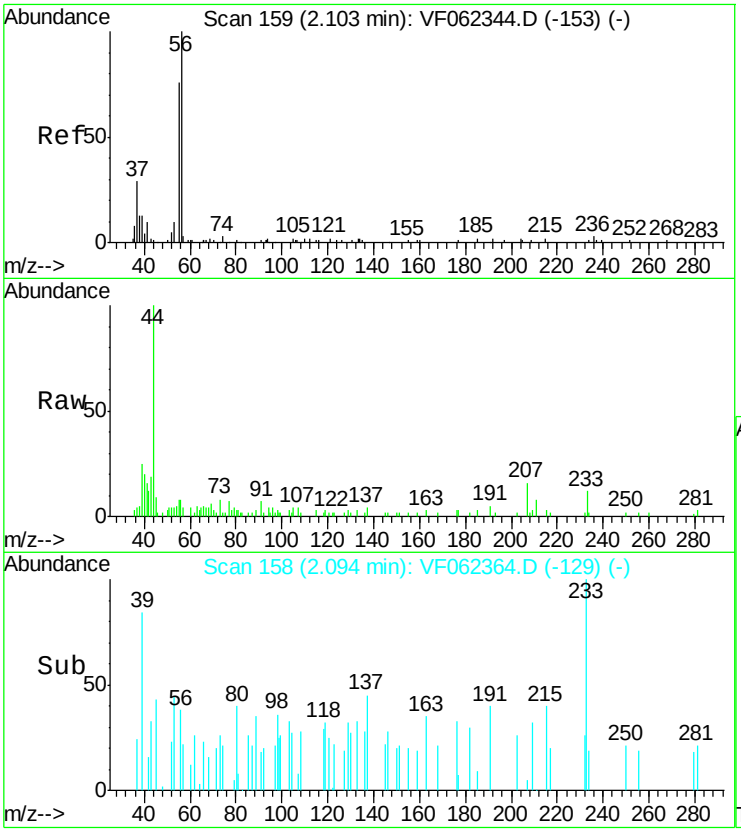


#11
Tert butyl alcohol
Concen: 7.917 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion: 59 Resp: 1531

Ion	Ratio	Lower	Upper
59	100		
57	34.3	9.3	13.9#



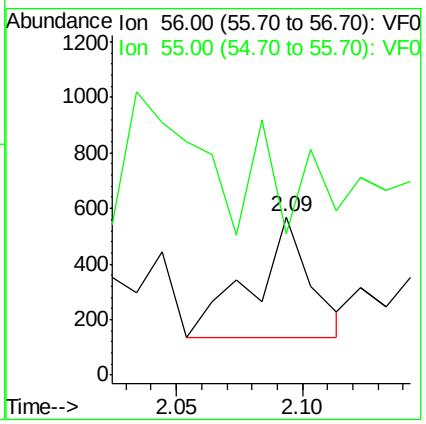


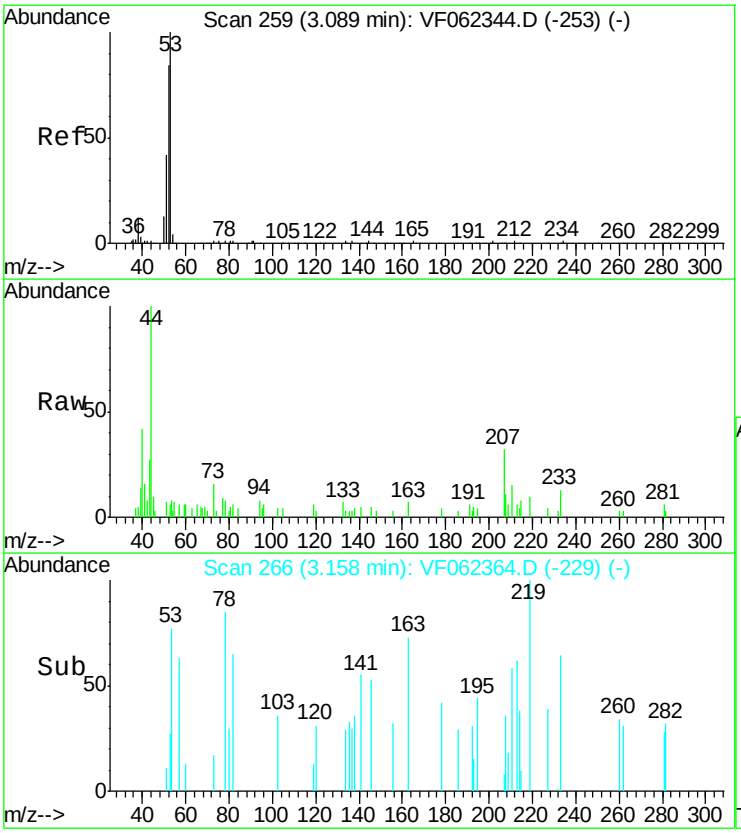
#13
Acrolein
Concen: Below Cal
RT: 2.09 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument : MSVOA_F
ClientSampleId : NB-08-050319-B

Tgt Ion: 56 Resp: 704

Ion	Ratio	Lower	Upper
56	100		
55	35.4	58.4	87.6#

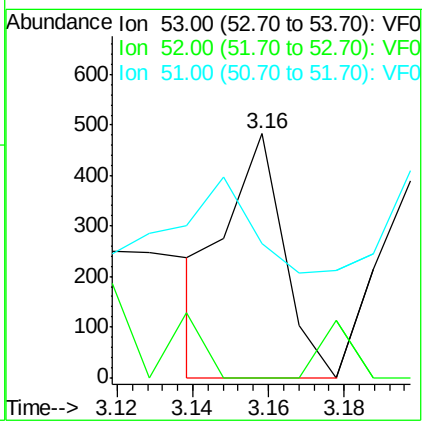


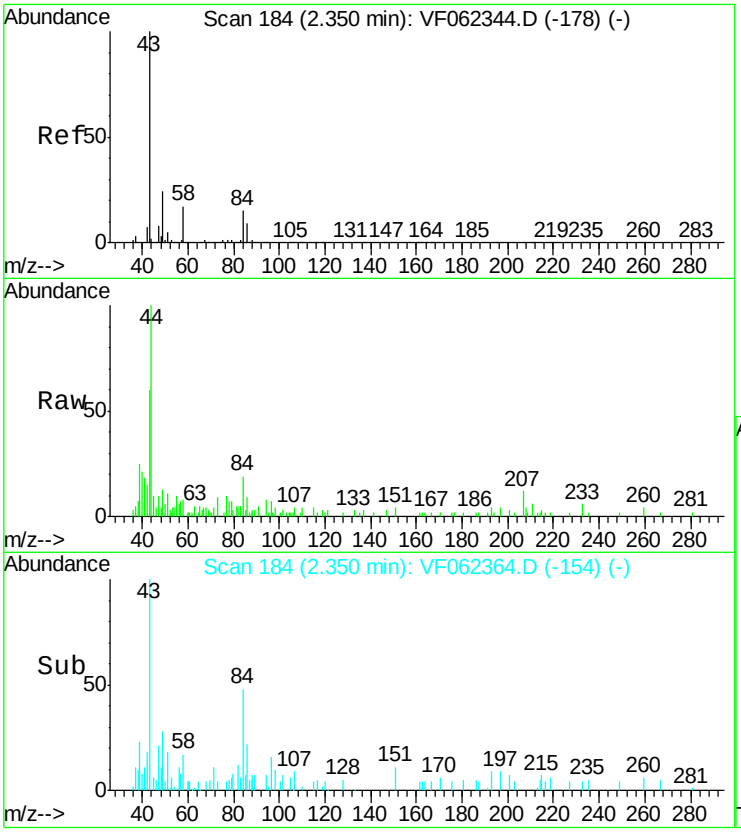


#15
Acrylonitrile
Concen: 1.389 ug/l
RT: 3.16 min Scan# 266
Delta R.T. 0.07 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion: 53 Resp: 509

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	125.7	40.6	61.0#



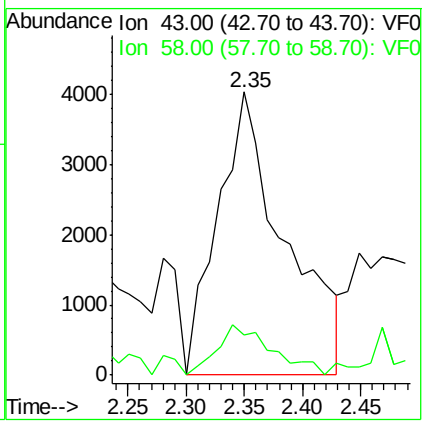


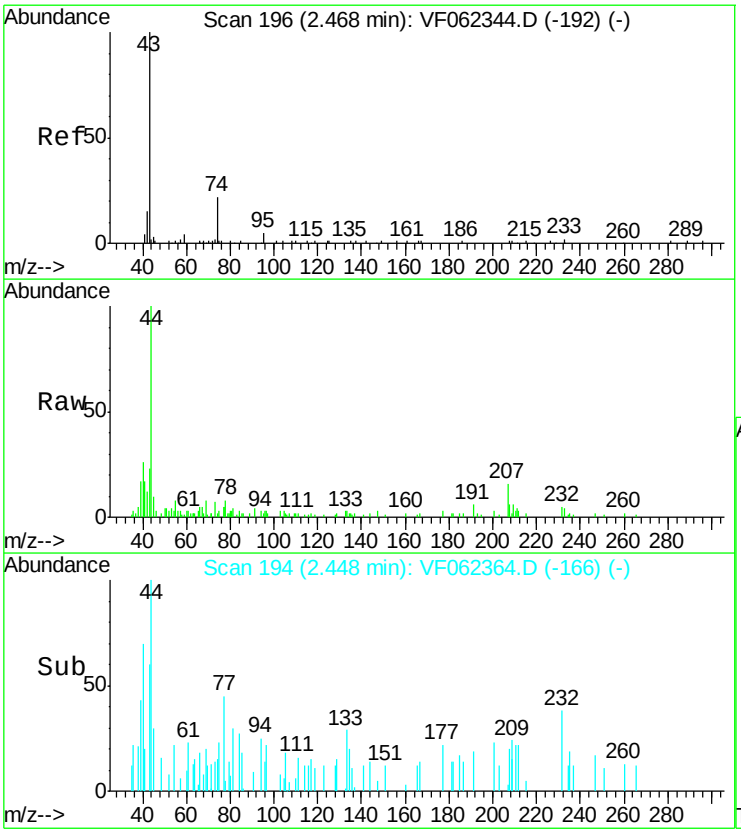
#16
Acetone
Concen: 23.282 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tgt Ion: 43 Resp: 16116

Ion	Ratio	Lower	Upper
43	100		
58	14.1	13.1	19.7

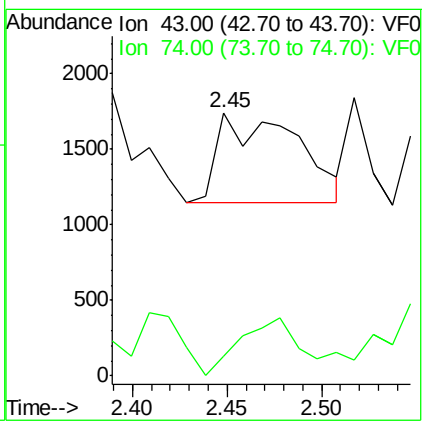


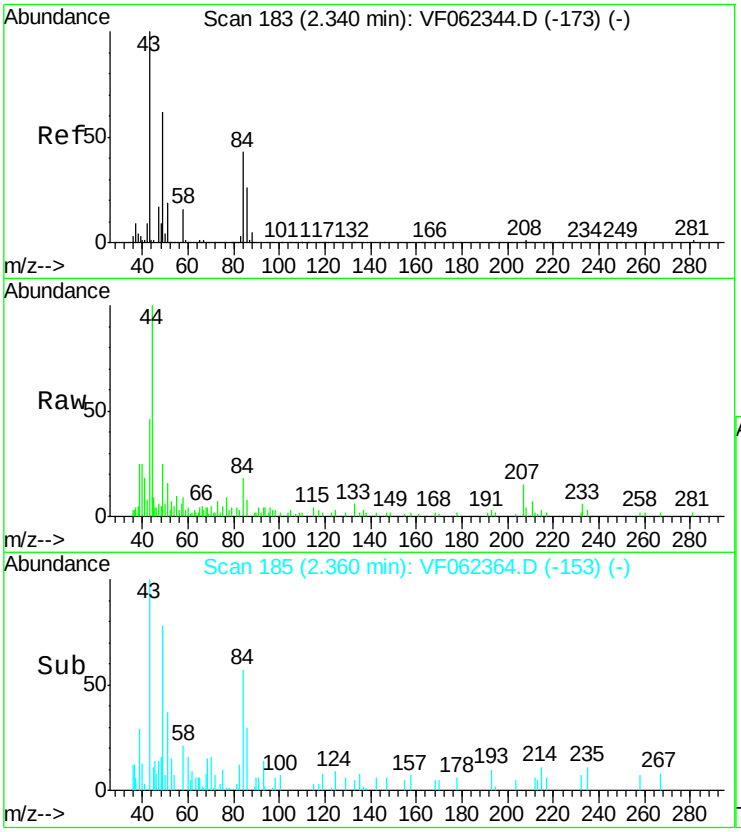


#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 194
Delta R.T. -0.02 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion: 43 Resp: 1726

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.0	22.4#



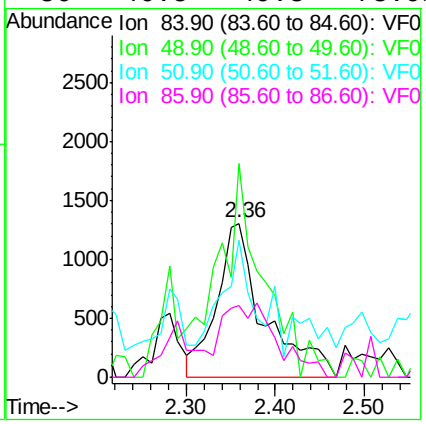


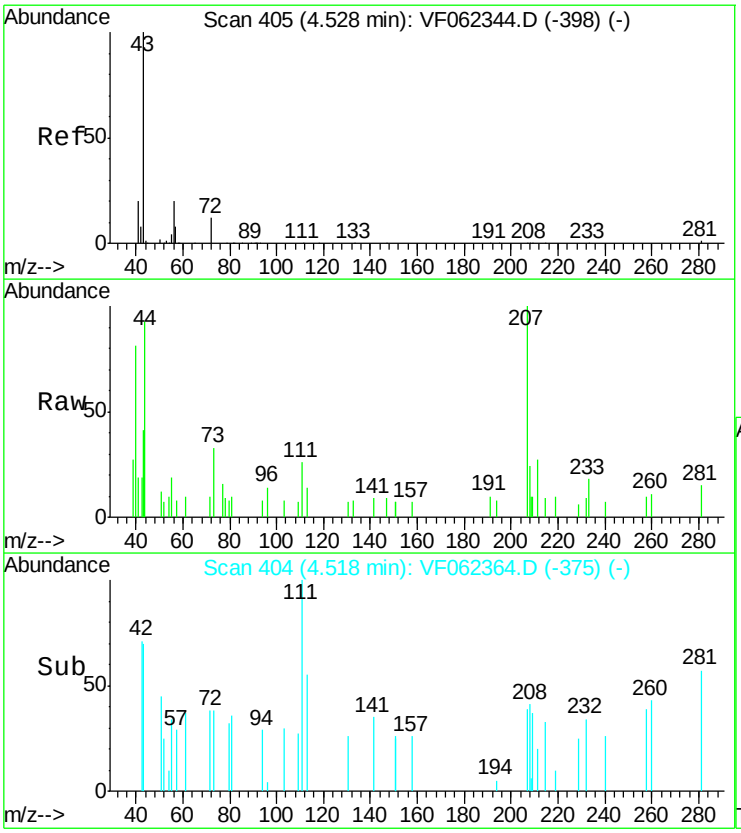
#20
Methylene Chloride
Concen: 1.937 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.02 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument : MSVOA_F
ClientSampleId : NB-08-050319-B

Tgt Ion: 84 Resp: 4850

Ion	Ratio	Lower	Upper
84	100		
49	139.0	117.5	176.3
51	69.9	37.0	55.4#
86	46.5	49.3	73.9#

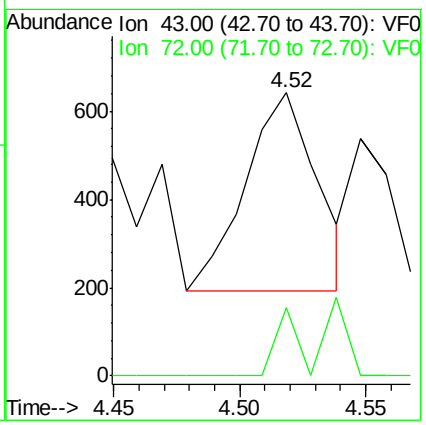


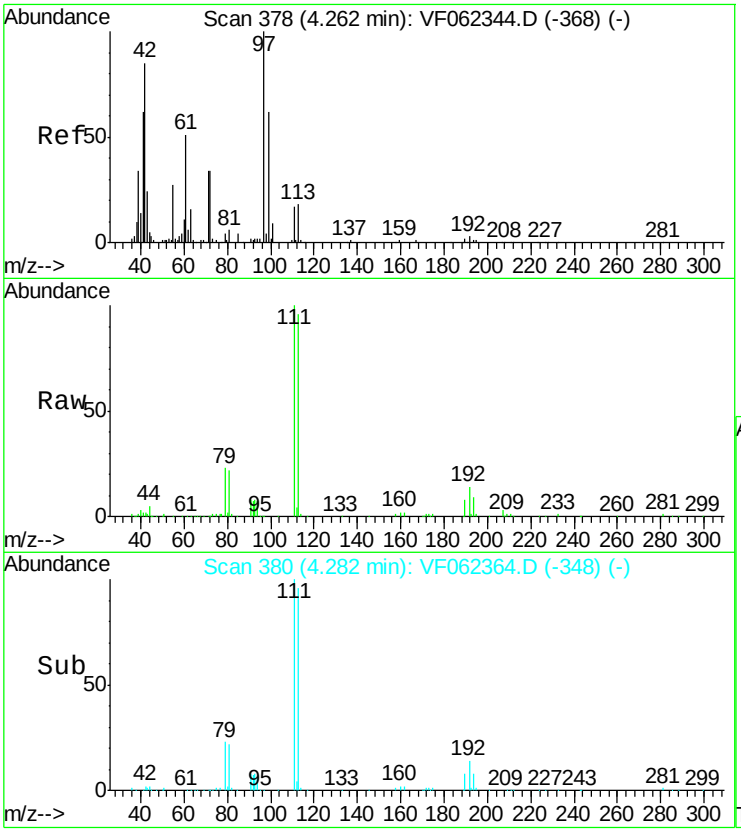


#25
2-Butanone
Concen: 1.022 ug/l
RT: 4.52 min Scan# 404
Delta R.T. -0.01 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion: 43 Resp: 889

Ion	Ratio	Lower	Upper
43	100		
72	34.3	14.2	21.4#



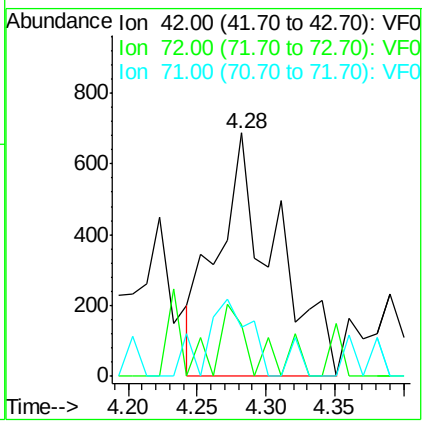


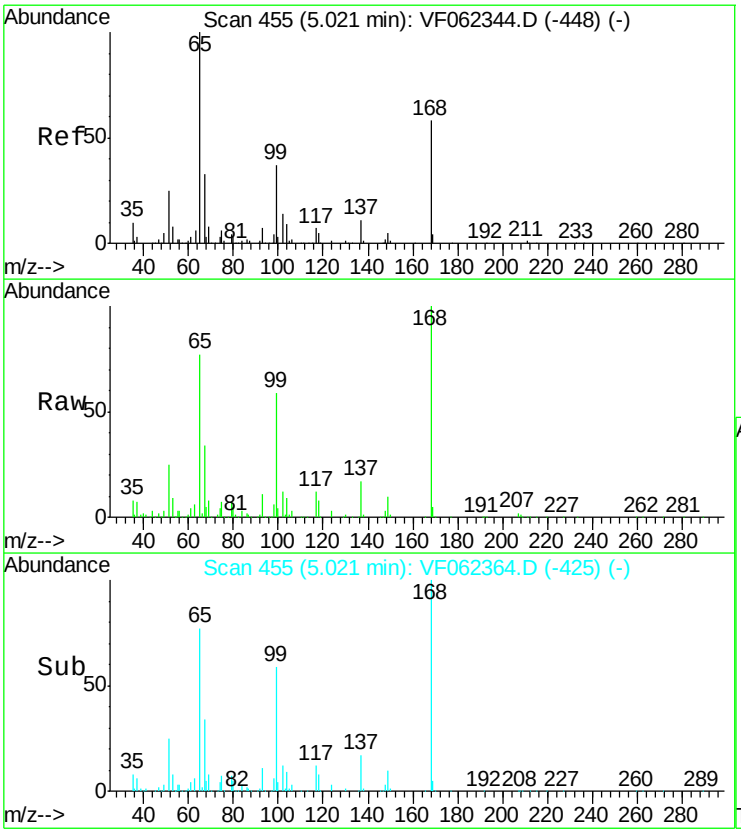
#29
Tetrahydrofuran
Concen: 5.074 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tgt Ion: 42 Resp: 2028

Ion	Ratio	Lower	Upper
42	100		
72	10.3	31.4	47.0#
71	23.3	31.7	47.5#

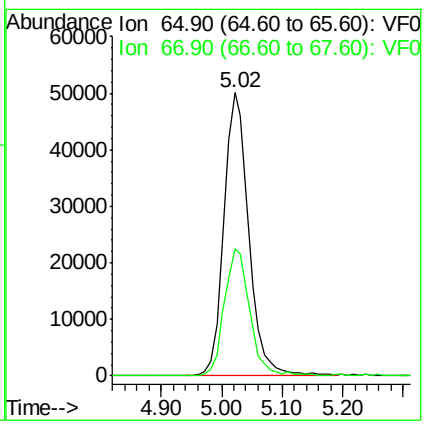


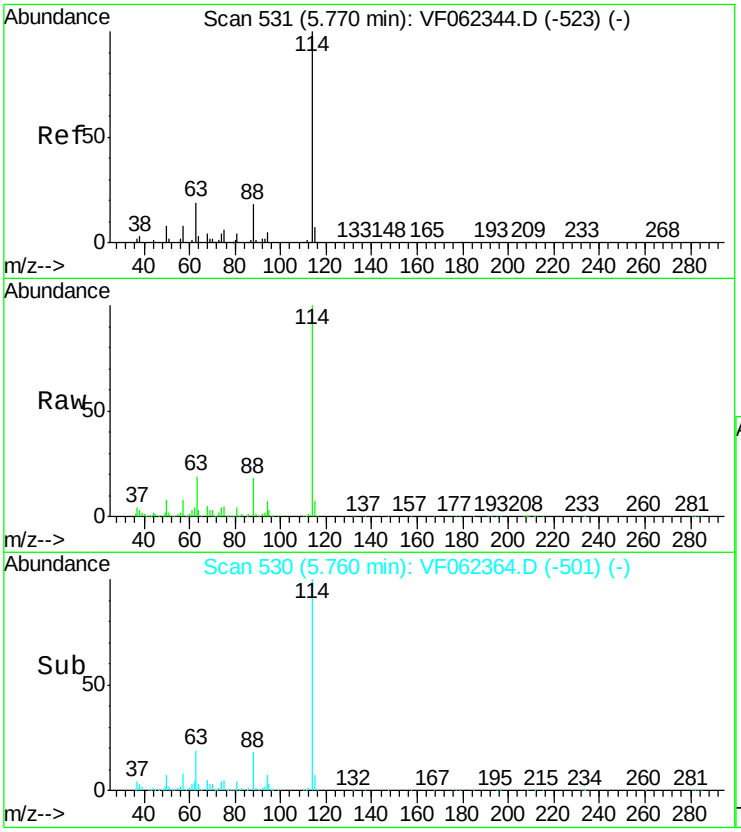


#33
1,2-Dichloroethane-d4
Concen: 41.607 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion: 65 Resp: 142371

Ion	Ratio	Lower	Upper
65	100		
67	46.4	0.0	85.8



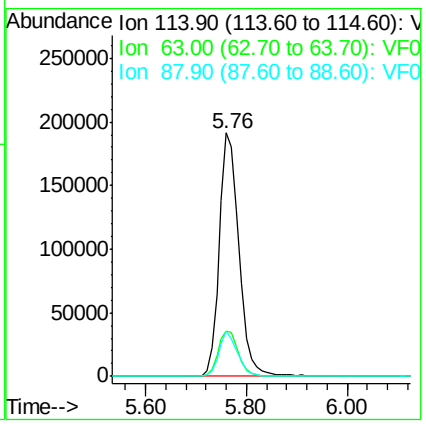


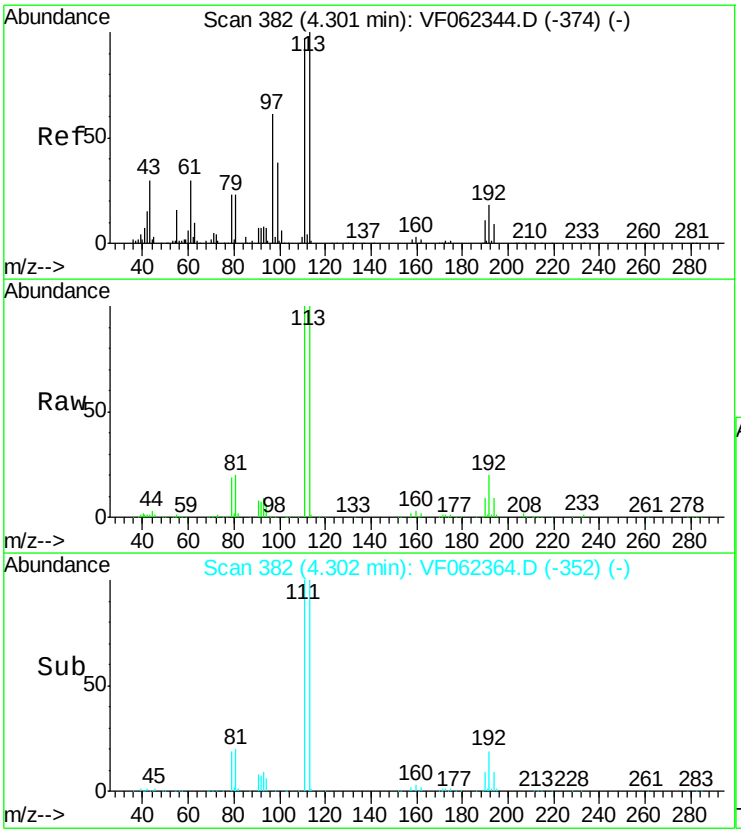
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.01 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tgt Ion:114 Resp: 519031

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.4
88	18.4	0.0	36.4

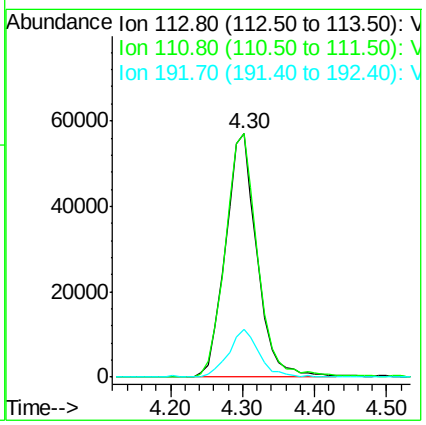


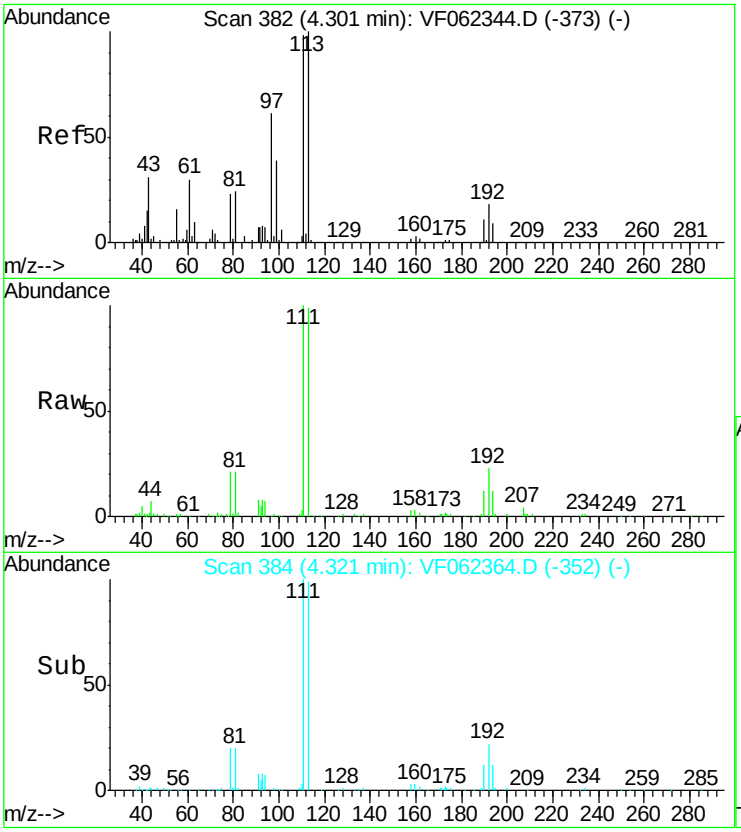


#35
Dibromofluoromethane
Concen: 41.580 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion:113 Resp: 171934

Ion	Ratio	Lower	Upper
113	100		
111	102.7	79.4	119.0
192	19.2	16.0	24.0



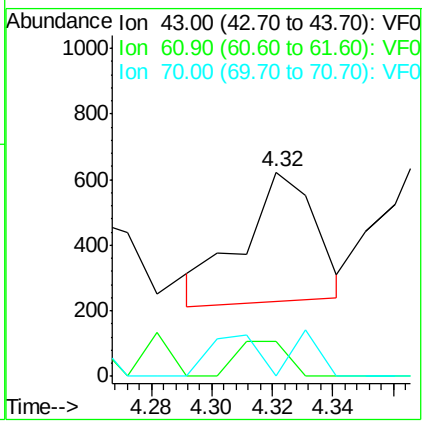


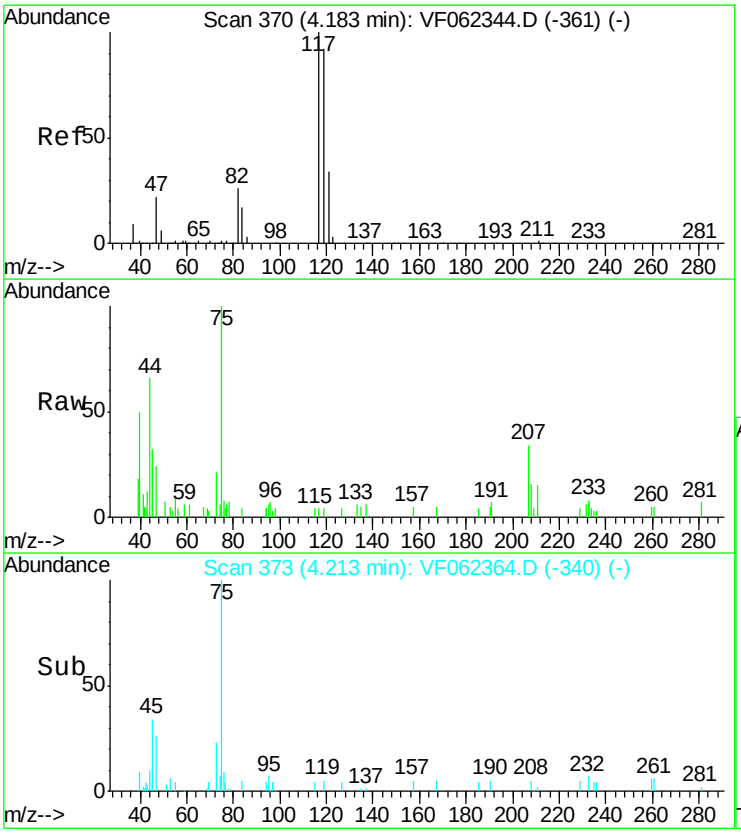
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tgt Ion: 43 Resp: 651

Ion	Ratio	Lower	Upper
43	100		
61	19.5	0.0	0.0#
70	35.0	8.2	12.2#

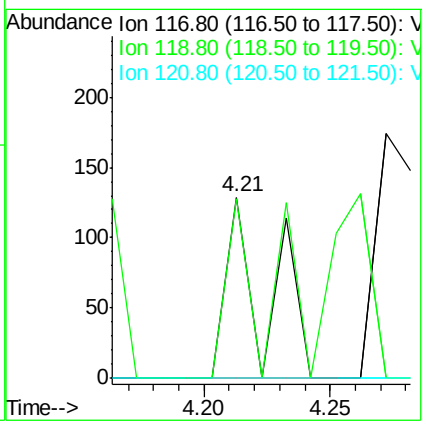


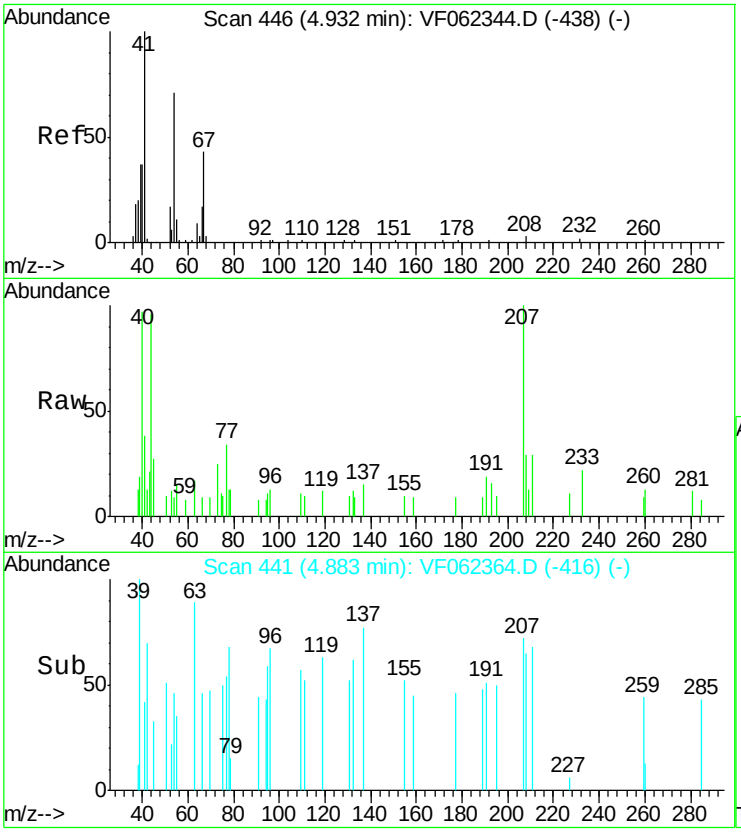


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.21 min Scan# 373
Delta R.T. 0.03 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion:117 Resp: 144

Ion	Ratio	Lower	Upper
117	100		
119	99.2	73.4	110.2
121	0.0	27.4	41.0#



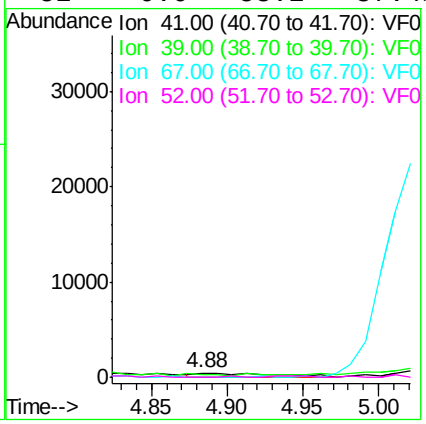


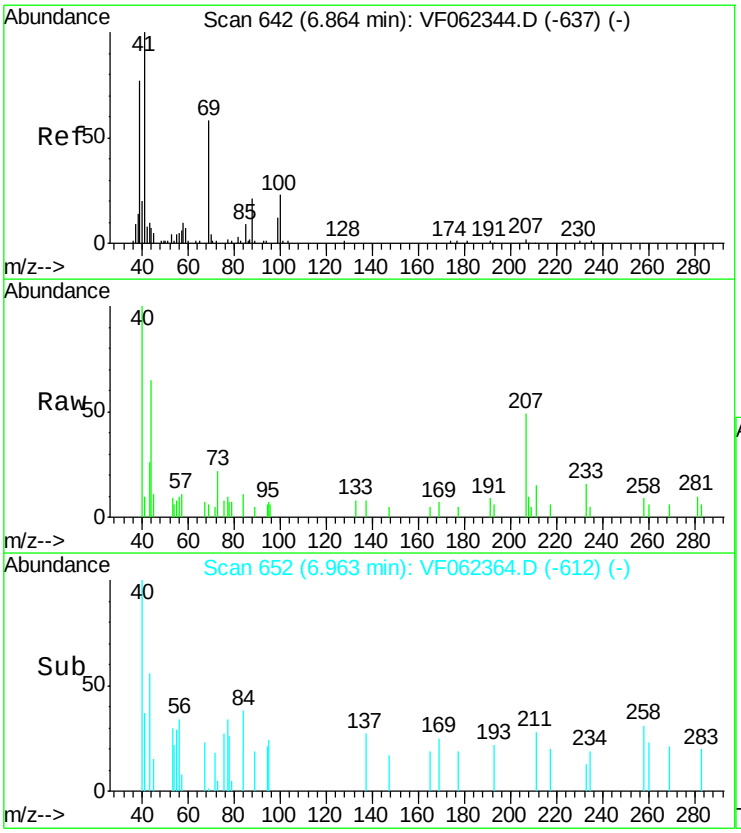
#41
Methacrylonitrile
Concen: 1.524 ug/l
RT: 4.88 min Scan# 441
Delta R.T. -0.05 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument : MSVOA_F
ClientSampleId : NB-08-050319-B

Tgt Ion: 41 Resp: 1629

Ion	Ratio	Lower	Upper
41	100		
39	0.0	54.3	81.5#
67	0.0	37.8	56.8#
52	0.0	58.2	87.4#

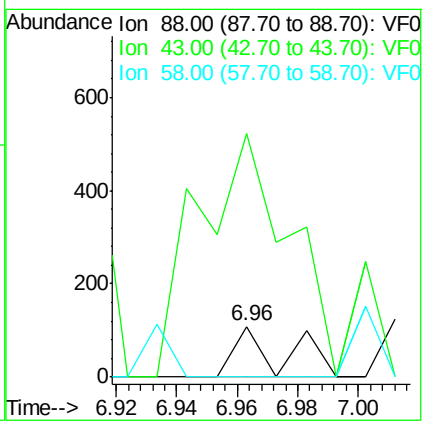


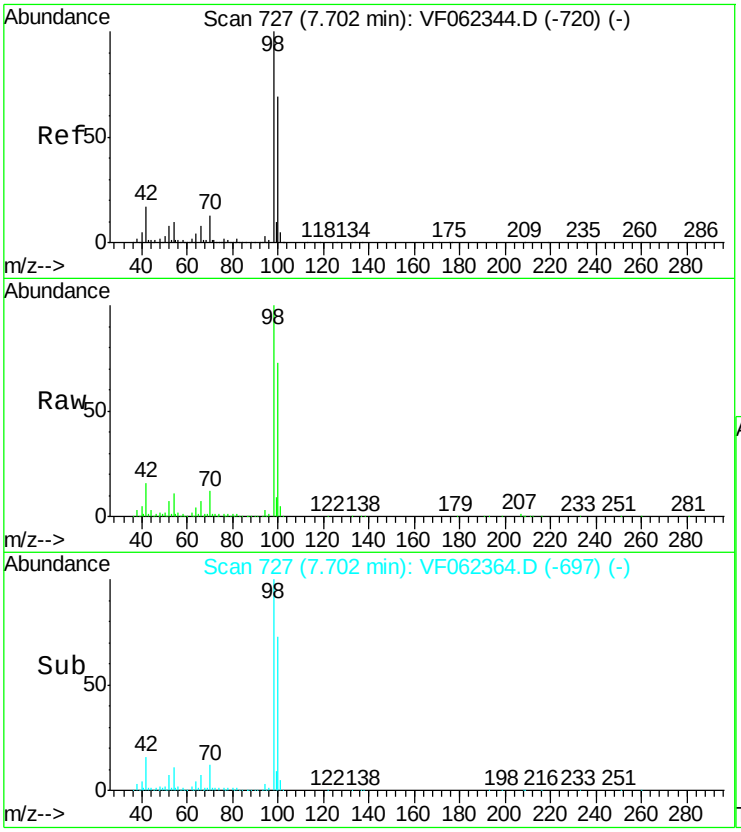


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.96 min Scan# 652
Delta R.T. 0.10 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion: 88 Resp: 124

Ion	Ratio	Lower	Upper
88	100		
43	880.6	55.6	83.4#
58	0.0	52.8	79.2#



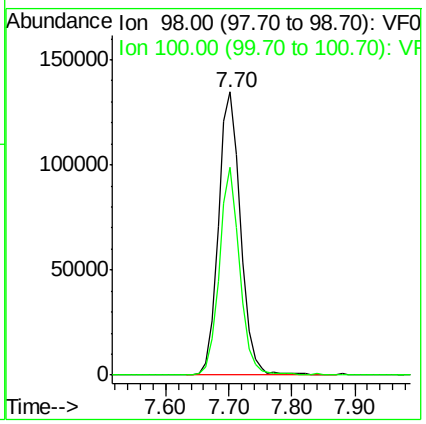


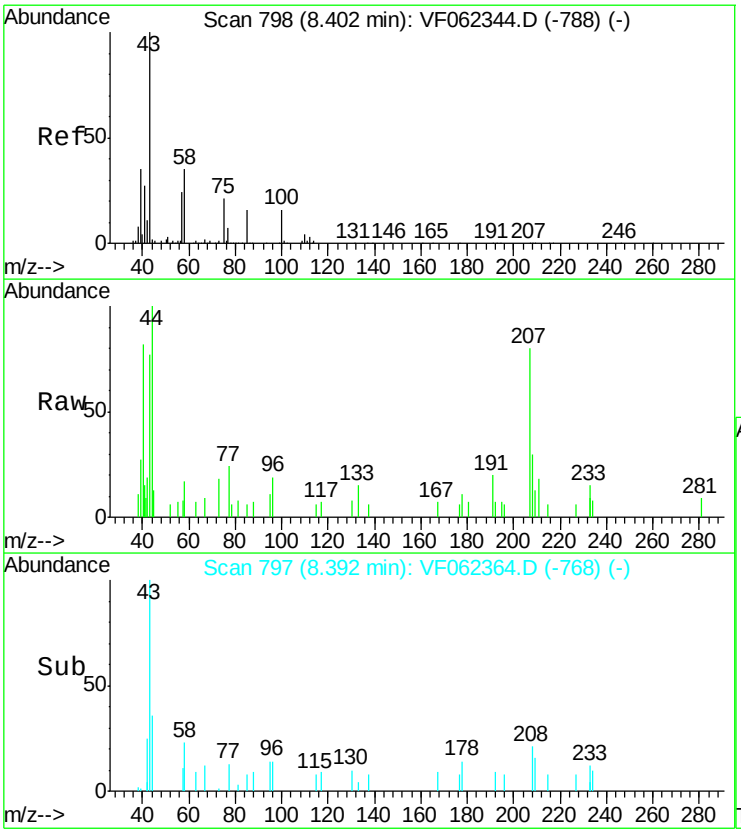
#50
Toluene-d8
Concen: 32.946 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.00 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tgt Ion: 98 Resp: 329777

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.3	79.9

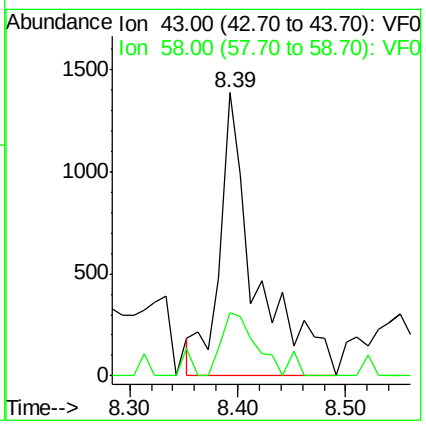


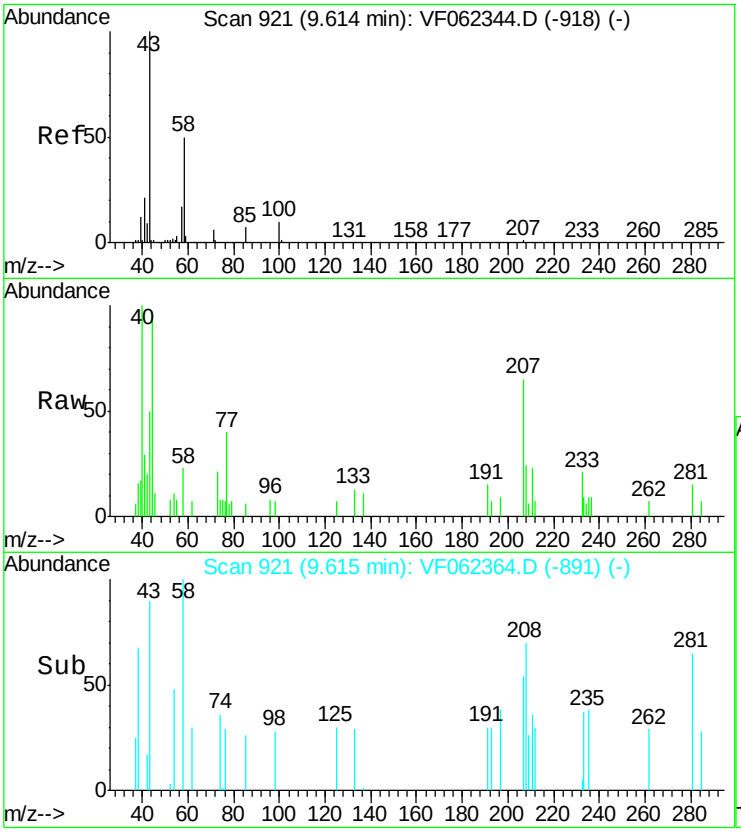


#51
4-Methyl-2-Pentanone
Concen: 2.106 ug/l
RT: 8.39 min Scan# 797
Delta R.T. -0.01 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion: 43 Resp: 3236

Ion	Ratio	Lower	Upper
43	100		
58	20.7	27.8	41.6#



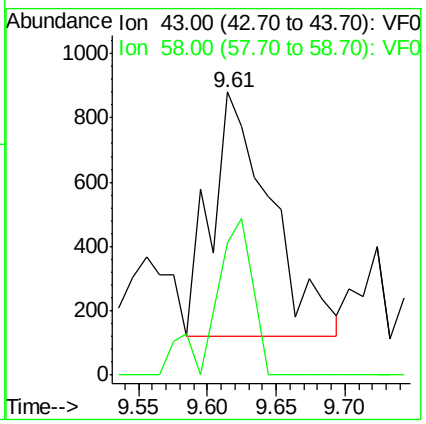


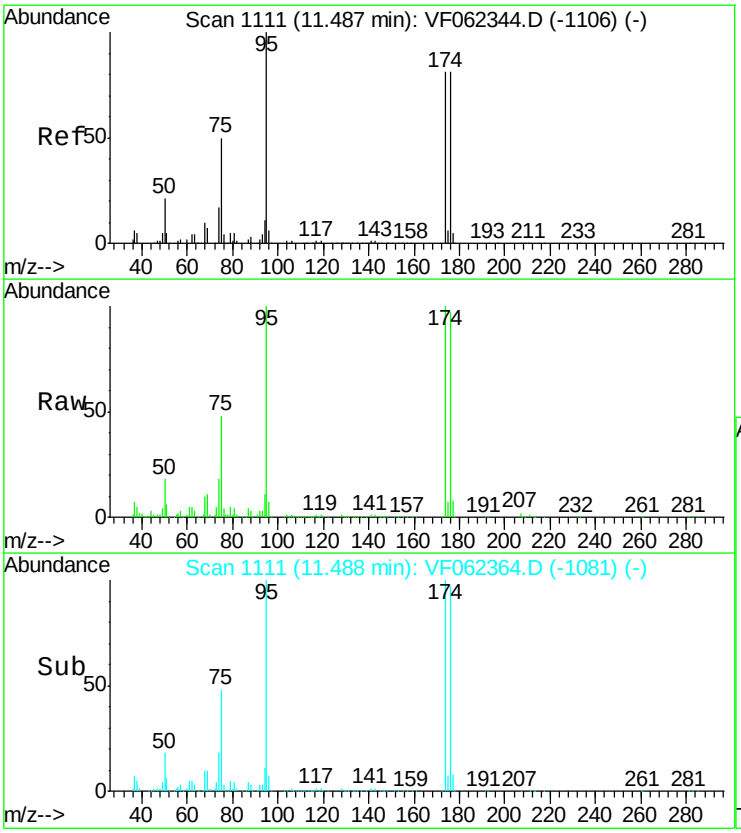
#59
2-Hexanone
Concen: 2.136 ug/l
RT: 9.61 min Scan# 921
Delta R.T. 0.00 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tgt Ion: 43 Resp: 2270

Ion	Ratio	Lower	Upper
43	100		
58	41.4	24.3	73.0

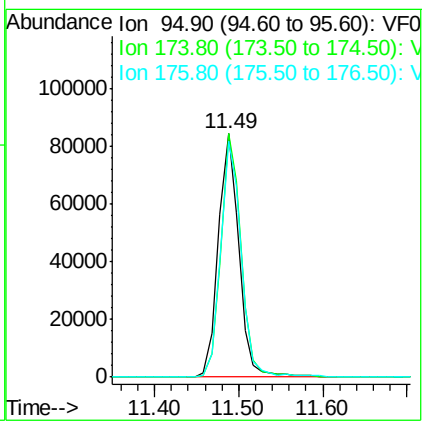


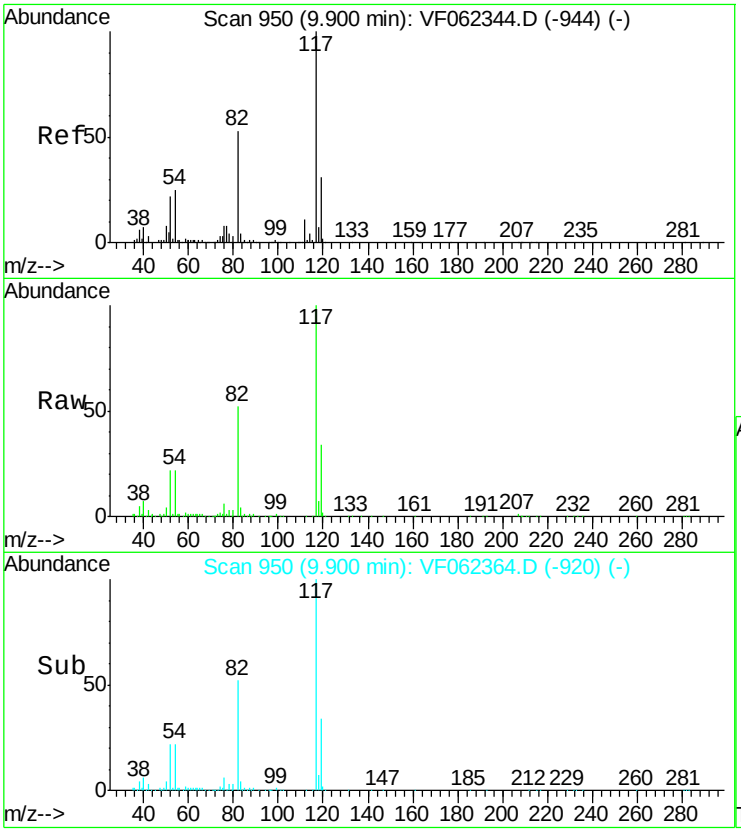


#62
4-Bromofluorobenzene
Concen: 31.735 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion: 95 Resp: 143311

Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	191.8
176	96.9	0.0	193.2



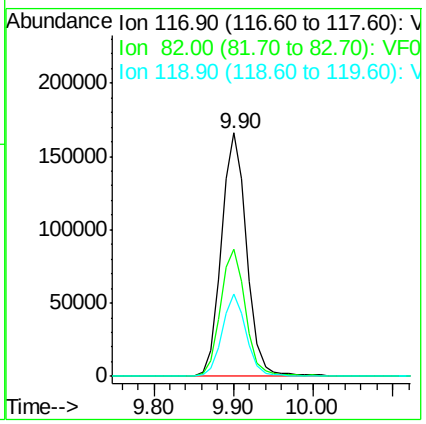


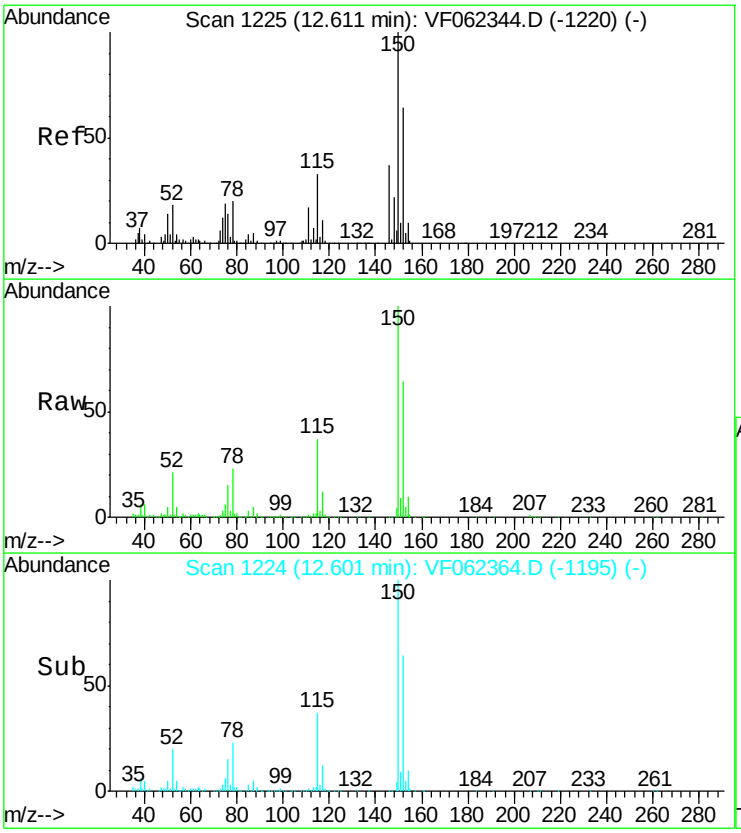
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. 0.00 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument : MSVOA_F
ClientSampleId : NB-08-050319-B

Tgt Ion:117 Resp: 372013

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.2
119	33.7	25.0	37.4

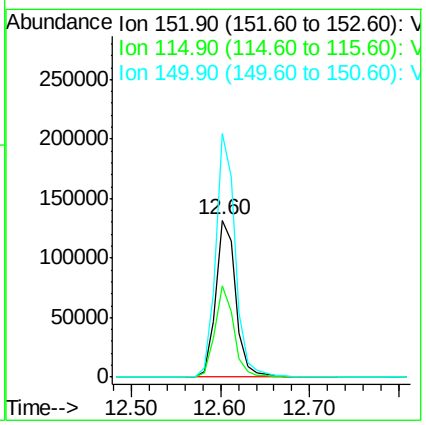


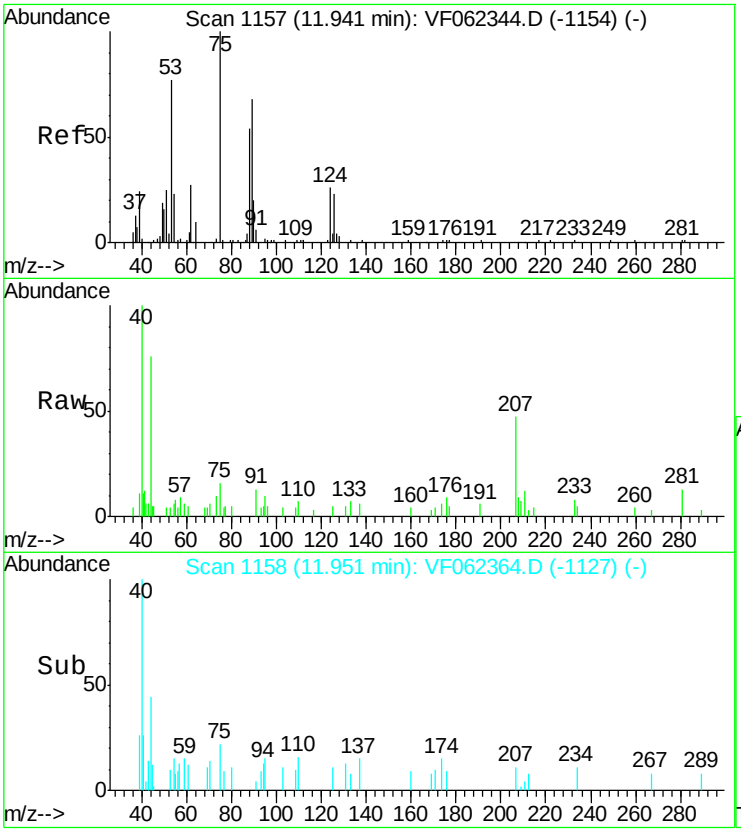


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion:152 Resp: 207982

Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.4	79.2
150	151.5	0.0	335.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.214 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. 0.01 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tgt Ion: 75 Resp: 672

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.9	107.9#
89	10.9	0.0	0.0#