

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060134.D
 Acq On : 27 Aug 2018 19:29
 Operator : VA/AP
 Sample : J4646-04MS
 Misc : 5.28g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-A7MS

Quant Time: Aug 28 01:13:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

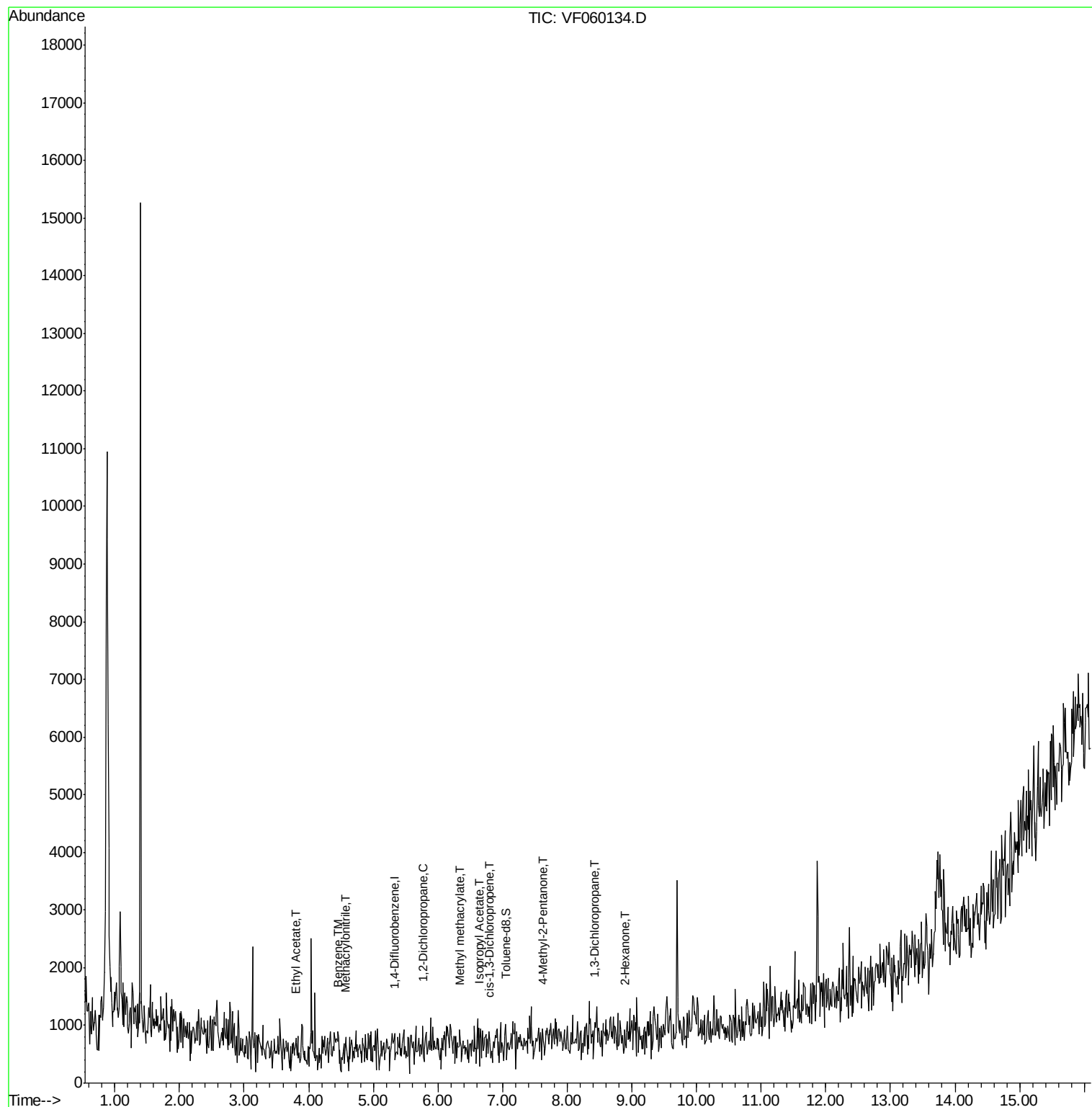
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.05
34) 1,4-Difluorobenzene	5.33	114	98	50.00	ug/l	-0.45
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.04	98	89	40.72	ug/l	-0.68
Spiked Amount	50.000		Recovery	=	81.44%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
37) Ethyl Acetate	3.81	43	59	107.12	ug/l #	1
40) Benzene	4.45	78	145	72.08	ug/l #	51
41) Methacrylonitrile	4.57	41	63	226.14	ug/l #	1
43) Isopropyl Acetate	6.63	43	63	90.88	ug/l #	45
45) 1,2-Dichloropropane	5.76	63	89	156.40	ug/l #	45
48) Methyl methacrylate	6.33	41	62	135.16	ug/l #	15
51) 4-Methyl-2-Pentanone	7.62	43	69	115.26	ug/l #	39
54) cis-1,3-Dichloropropene	6.81	75	66	60.63	ug/l #	24
57) 1,3-Dichloropropane	8.42	76	62	64.98	ug/l #	43
59) 2-Hexanone	8.89	43	79	163.05	ug/l #	30

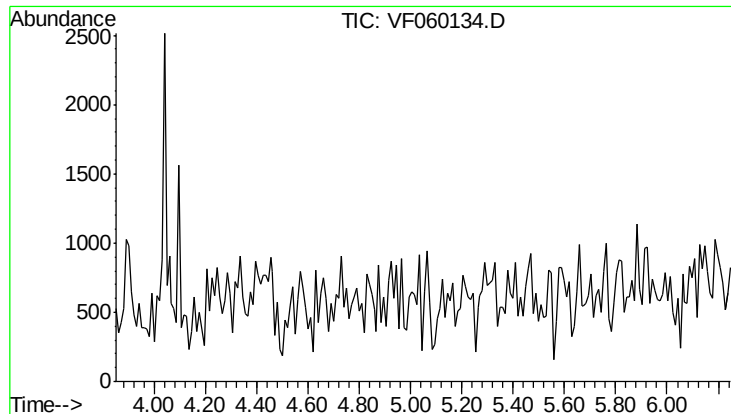
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.05 min

Lab File: VF060134.D

Acq: 27 Aug 2018 19:29

Instrument :

MSVOA_F

ClientSampleId :

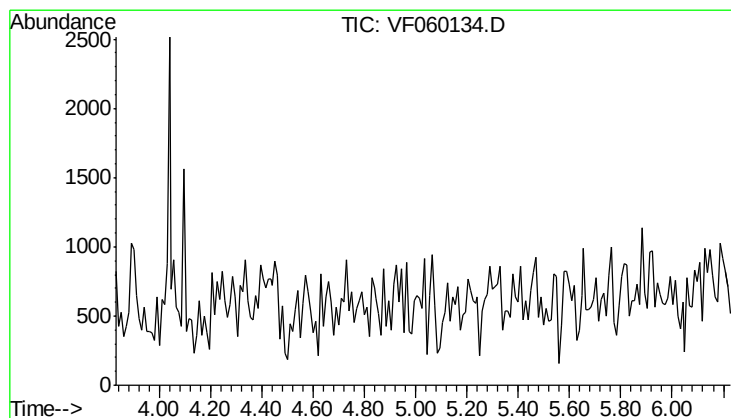
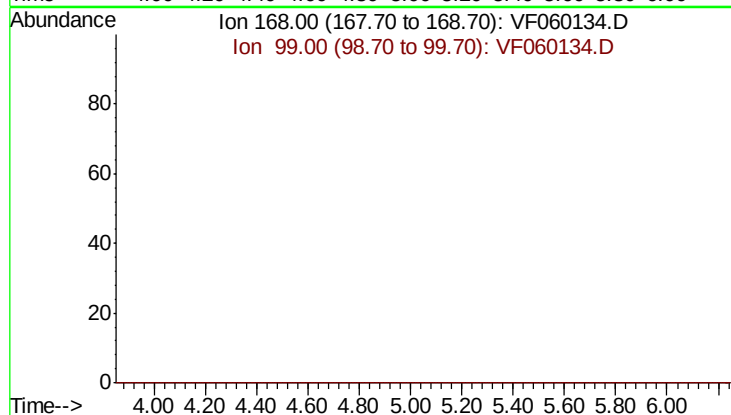
EP1-Q4-A7MS

Tot Ion: 168

Sig Exp Ratio

168 100

99 65.8



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 5.03 min

Lab File: VF060134.D

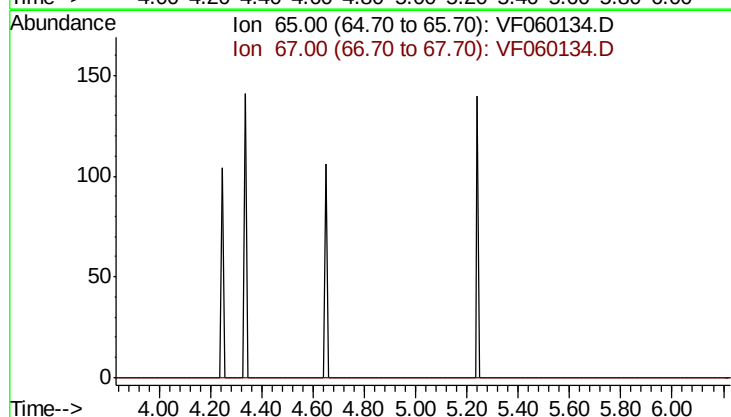
Acq: 27 Aug 2018 19:29

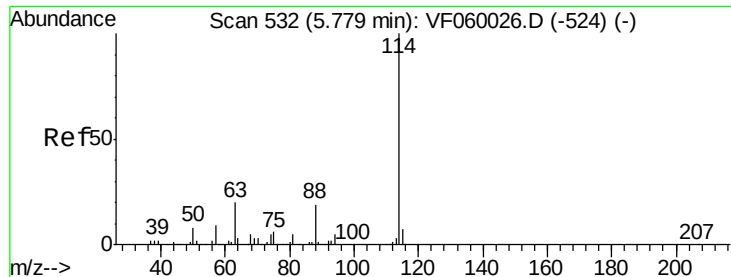
Tgt Ion: 65

Sig Exp Ratio

65 100

67 46.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.33 min Scan# 487

Delta R.T. -0.45 min

Lab File: VF060134.D

Acq: 27 Aug 2018 19:29

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-A7MS

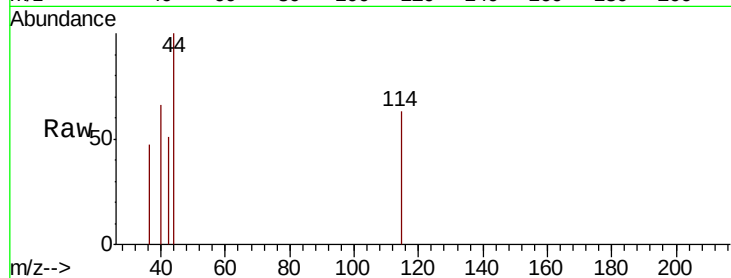
Tot Ion:114 Resp: 98

Ion Ratio Lower Upper

114 100

63 0.0 0.0 40.4

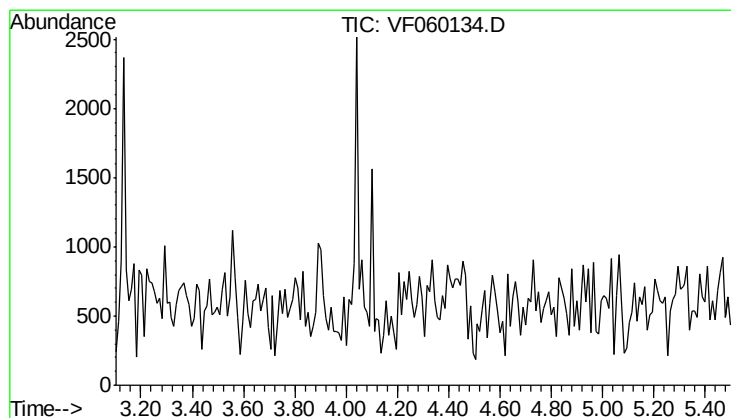
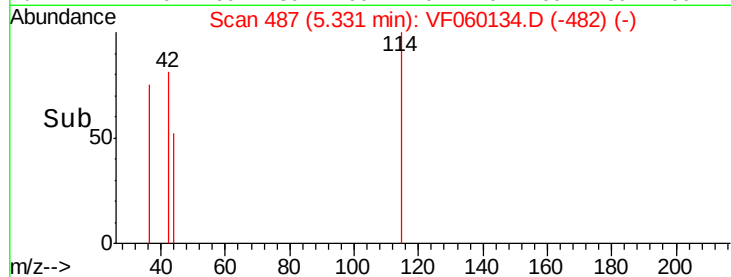
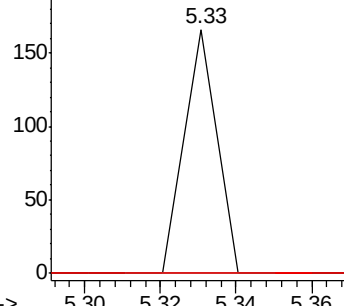
88 0.0 0.0 38.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 0.00 ug/l

Expected RT: 4.30 min

Lab File: VF060134.D

Acq: 27 Aug 2018 19:29

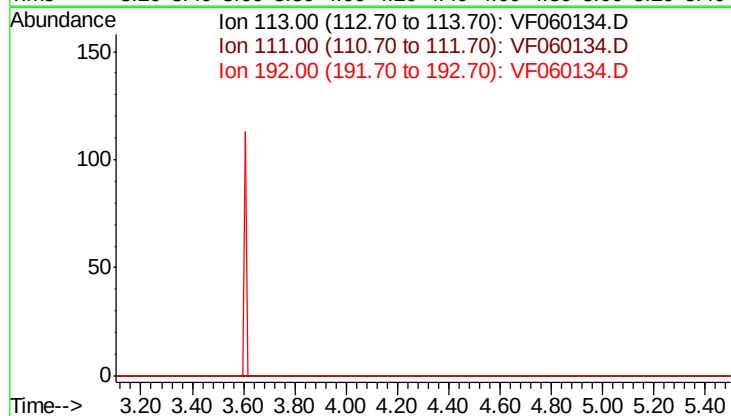
Tgt Ion: 113

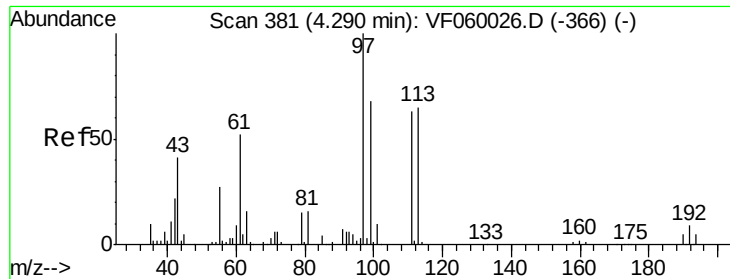
Sig Exp Ratio

113 100

111 103.4

192 16.2

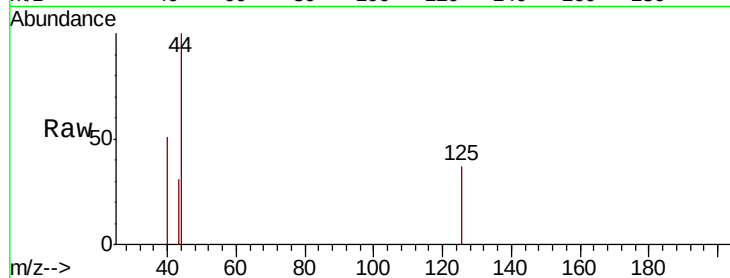




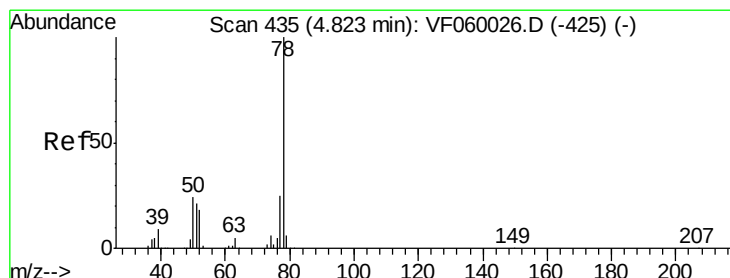
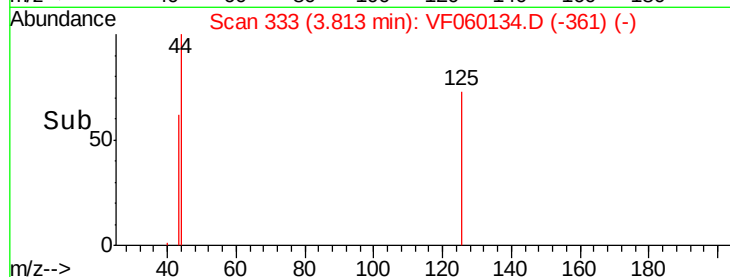
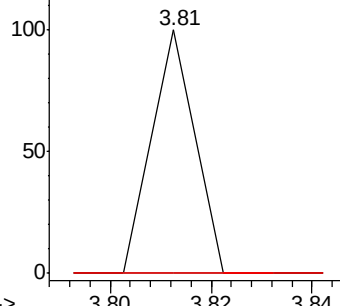
#37
Ethyl Acetate
Concen: 107.12 ug/l
RT: 3.81 min Scan# 333
Delta R.T. -0.48 min
Lab File: VF060134.D
Acq: 27 Aug 2018 19:29

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A7MS

Tot Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
61 0.0 101.5 152.3#
70 0.0 6.4 9.6#

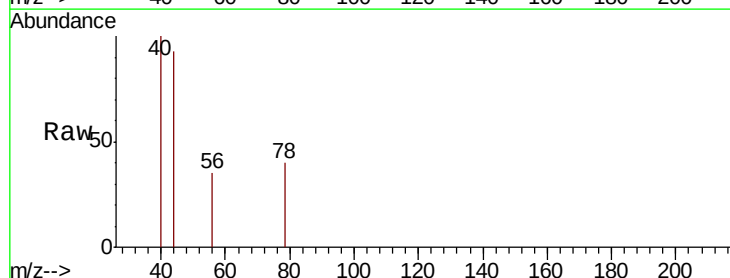


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

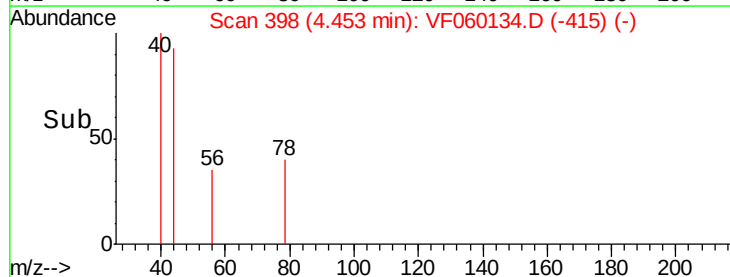
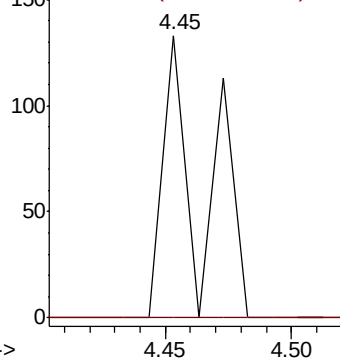


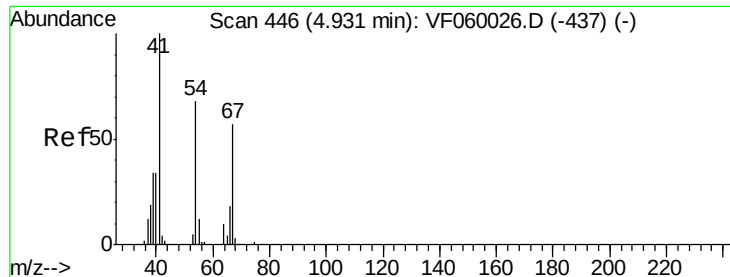
#40
Benzene
Concen: 72.08 ug/l
RT: 4.45 min Scan# 398
Delta R.T. -0.37 min
Lab File: VF060134.D
Acq: 27 Aug 2018 19:29

Tgt Ion: 78 Resp: 145
Ion Ratio Lower Upper
78 100
77 0.0 19.8 29.6#



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0





#41

Methacrylonitrile

Concen: 226.14 ug/l

RT: 4.57 min Scan# 410

Delta R.T. -0.36 min

Lab File: VF060134.D

Acq: 27 Aug 2018 19:29

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-A7MS

Tot Ion: 41 Resp: 63

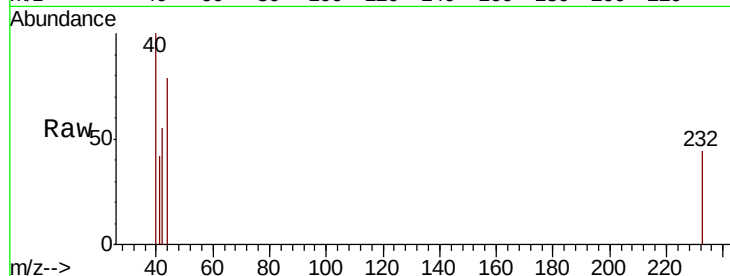
Ion Ratio Lower Upper

41 100

39 235.8 52.9 79.3#

67 0.0 45.3 67.9#

52 0.0 34.8 52.2#

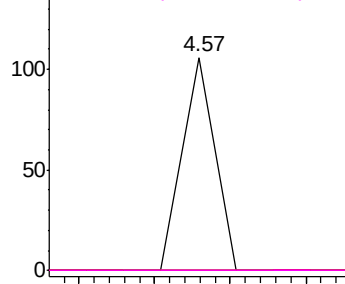


Abundance Ion 41.00 (40.70 to 41.70): VF0

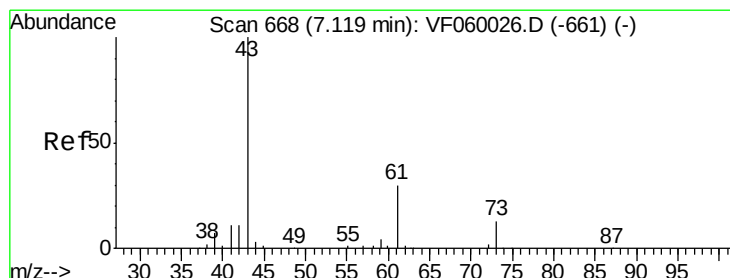
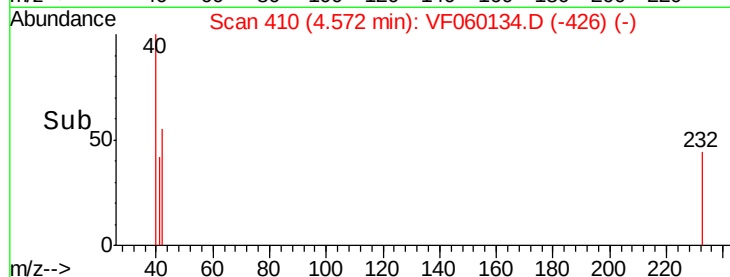
Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->



#43

Isopropyl Acetate

Concen: 90.88 ug/l

RT: 6.63 min Scan# 619

Delta R.T. -0.49 min

Lab File: VF060134.D

Acq: 27 Aug 2018 19:29

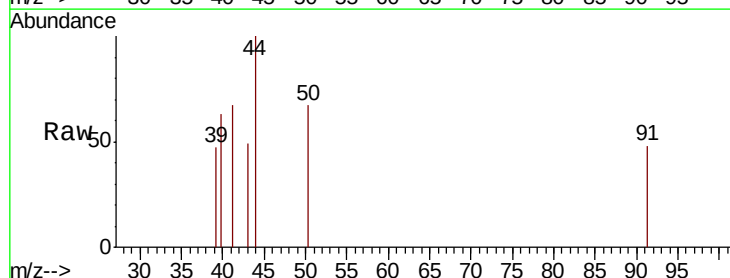
Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.6#

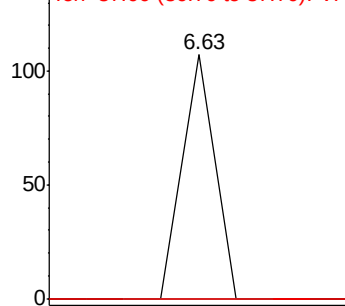
87 0.0 0.2 0.4#



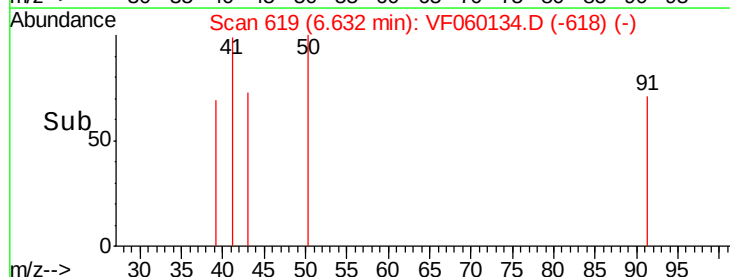
Abundance Ion 43.00 (42.70 to 43.70): VF0

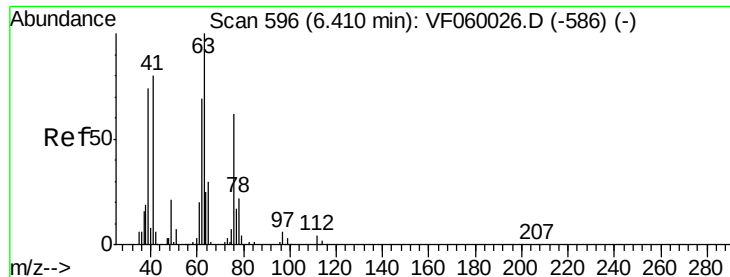
Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



Time-->





#45

1,2-Dichloropropane

Concen: 156.40 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.65 min

Lab File: VF060134.D

Acq: 27 Aug 2018 19:29

Instrument :

MSVOA_F

ClientSampleId :

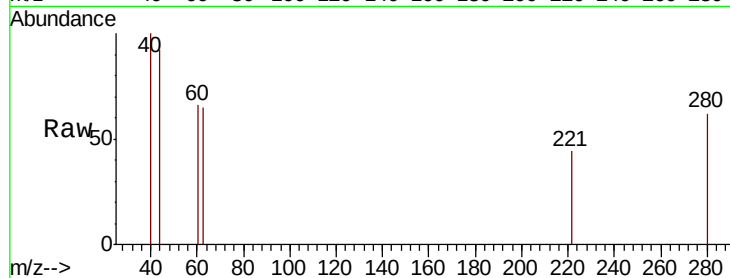
EP1-Q4-A7MS

Tot Ion: 63 Resp: 89

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

5.76

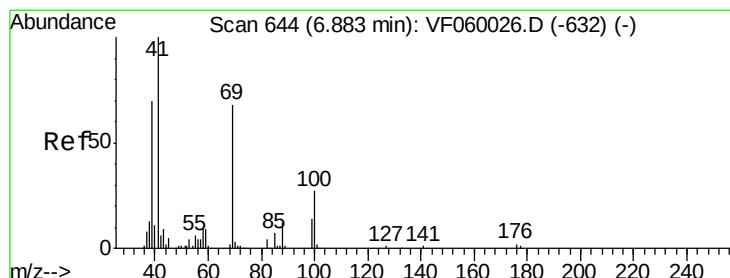
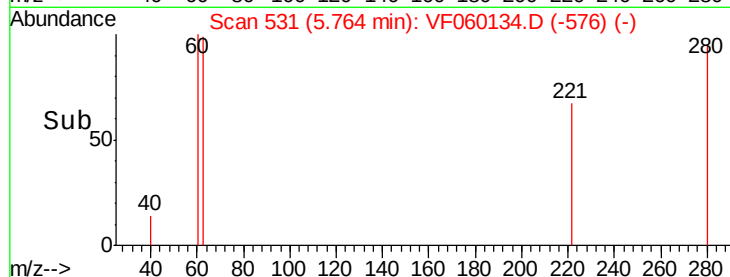
150

100

50

0

Time--> 5.74 5.76 5.78



#48

Methyl methacrylate

Concen: 135.16 ug/l

RT: 6.33 min Scan# 588

Delta R.T. -0.56 min

Lab File: VF060134.D

Acq: 27 Aug 2018 19:29

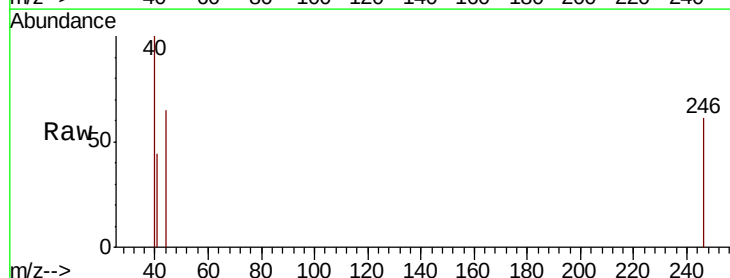
Tgt Ion: 41 Resp: 62

Ion Ratio Lower Upper

41 100

69 0.0 54.6 81.8#

39 0.0 56.5 84.7#



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

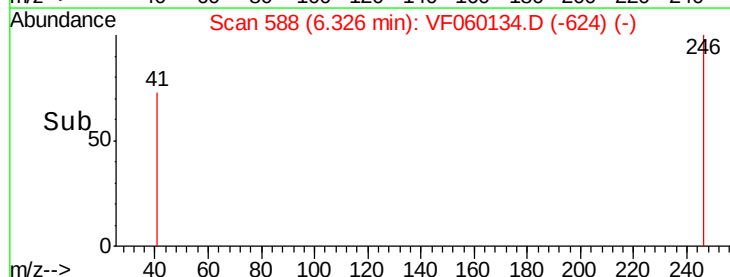
150

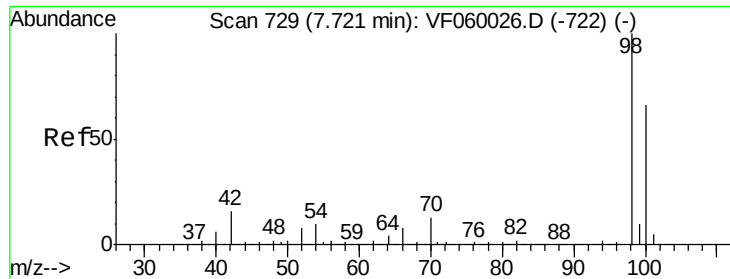
100

50

0

Time--> 6.30 6.32 6.34 6.36

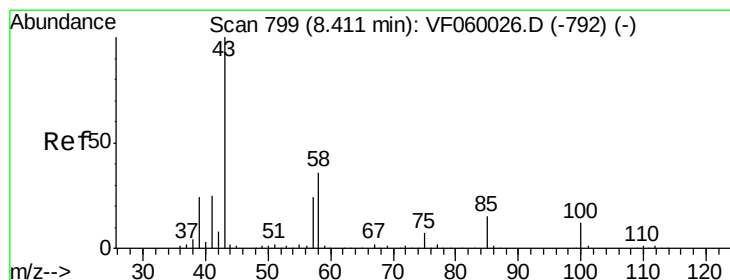
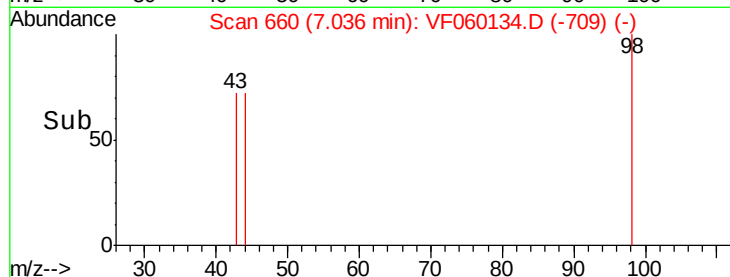
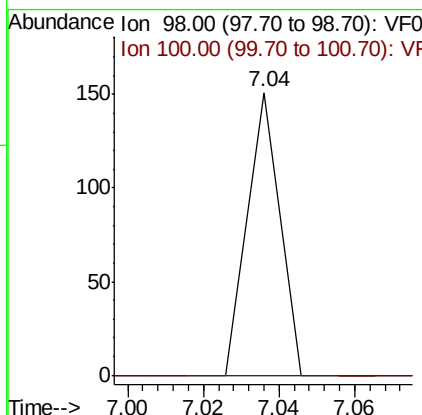
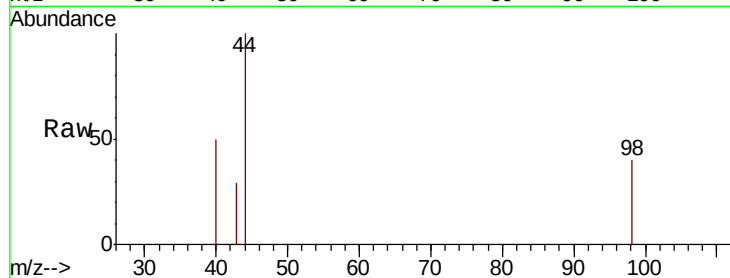




#50
Toluene-d8
Concen: 40.72 ug/l
RT: 7.04 min Scan# 660
Delta R.T. -0.68 min
Lab File: VF060134.D
Acq: 27 Aug 2018 19:29

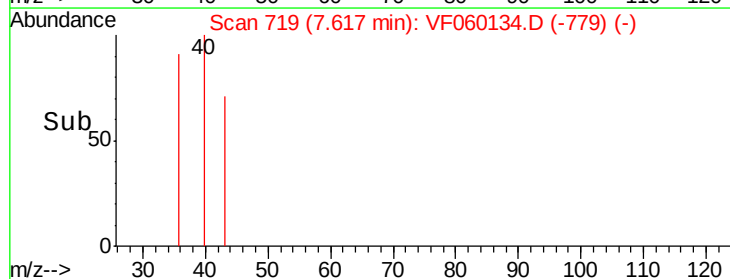
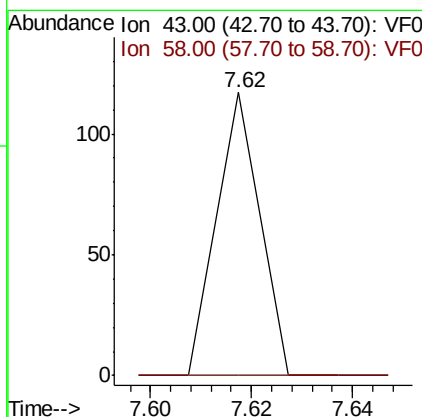
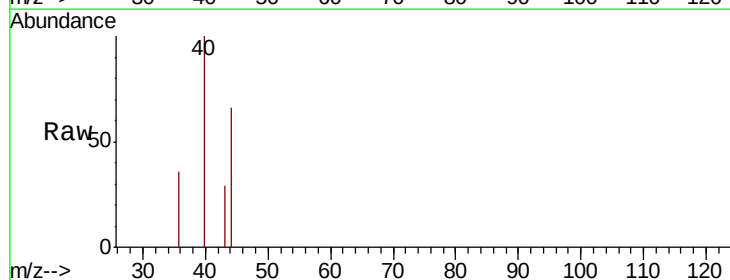
Instrument :
MSVOA_F
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EP1-Q4-A7MS

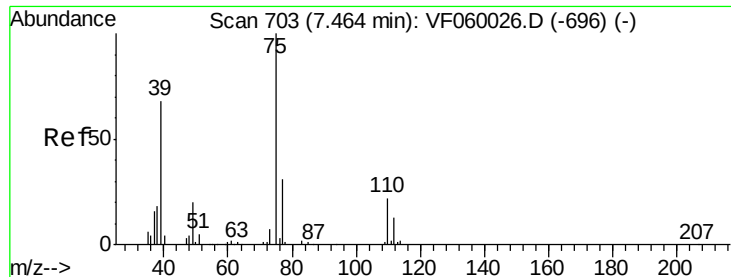
Tot Ion: 98 Resp: 89
Ion Ratio Lower Upper
98 100
100 0.0 53.2 79.8#



#51
4-Methyl-2-Pentanone
Concen: 115.26 ug/l
RT: 7.62 min Scan# 719
Delta R.T. -0.79 min
Lab File: VF060134.D
Acq: 27 Aug 2018 19:29

Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#





#54

cis-1,3-Dichloropropene

Concen: 60.63 ug/l

RT: 6.81 min Scan# 637

Delta R.T. -0.66 min

Lab File: VF060134.D

Acq: 27 Aug 2018 19:29

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-A7MS

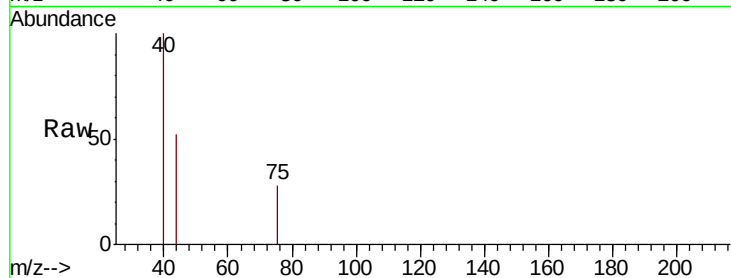
Tot Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#

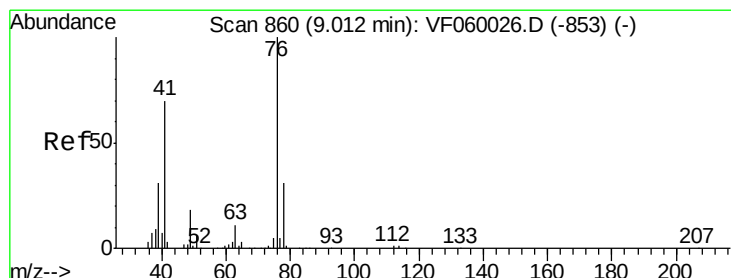
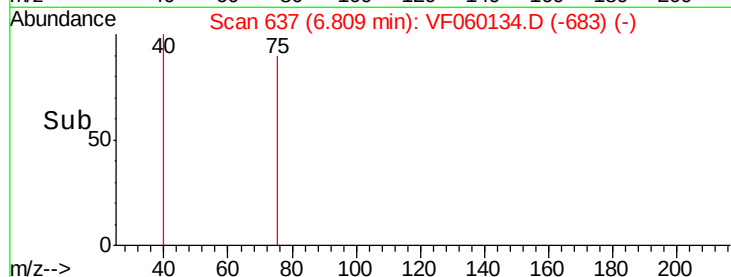
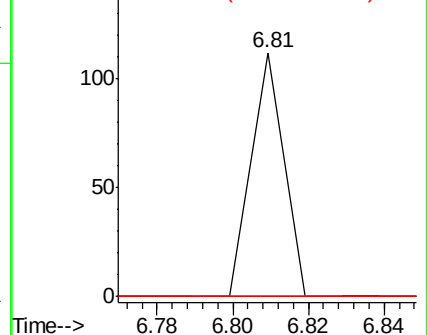
39 0.0 54.6 81.8#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#57

1,3-Dichloropropane

Concen: 64.98 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.60 min

Lab File: VF060134.D

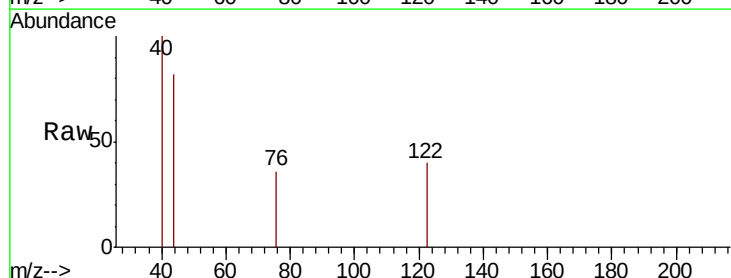
Acq: 27 Aug 2018 19:29

Tgt Ion: 76 Resp: 62

Ion Ratio Lower Upper

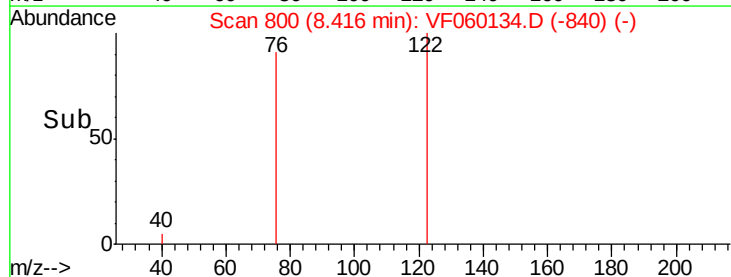
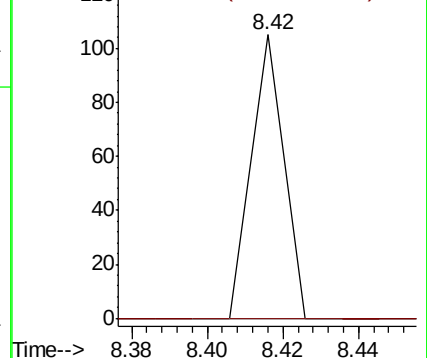
76 100

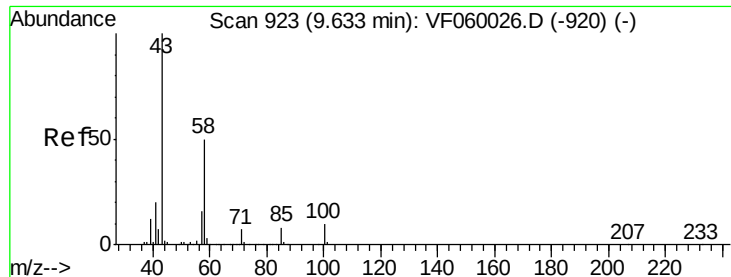
78 0.0 25.2 37.8#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0





#59

2-Hexanone

Concen: 163.05 ug/l

RT: 8.89 min Scan# 848

Delta R.T. -0.74 min

Lab File: VF060134.D

Acq: 27 Aug 2018 19:29

Instrument :

MSVOA_F

ClientSampleId :

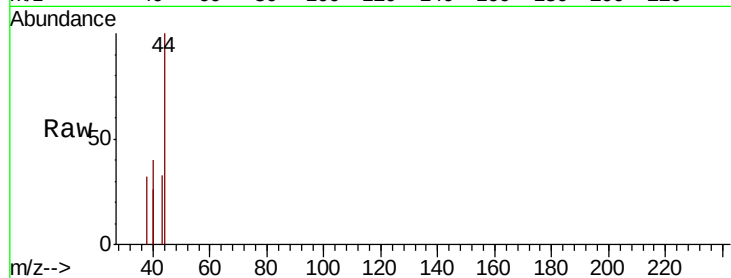
EP1-Q4-A7MS

Tot Ion: 43 Resp: 79

Ion Ratio Lower Upper

43 100

58 0.0 23.4 70.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.89

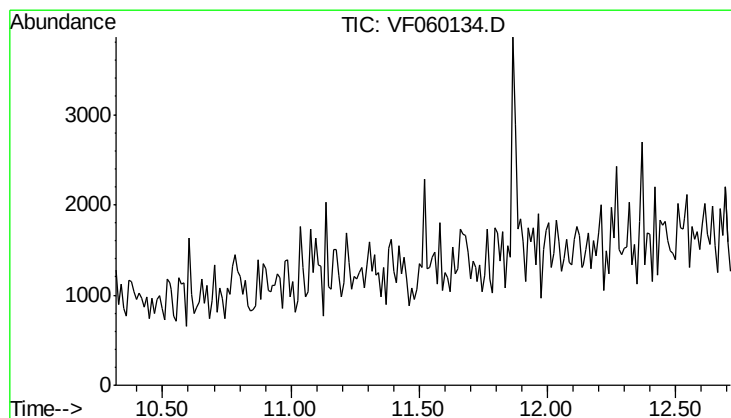
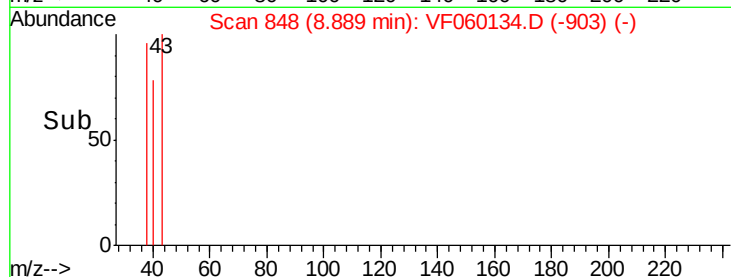
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 0.00 ug/l

Expected RT: 11.52 min

Lab File: VF060134.D

Acq: 27 Aug 2018 19:29

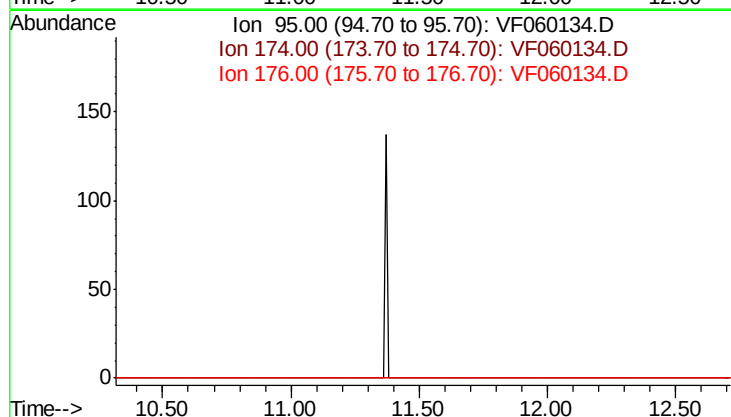
Tgt Ion: 95

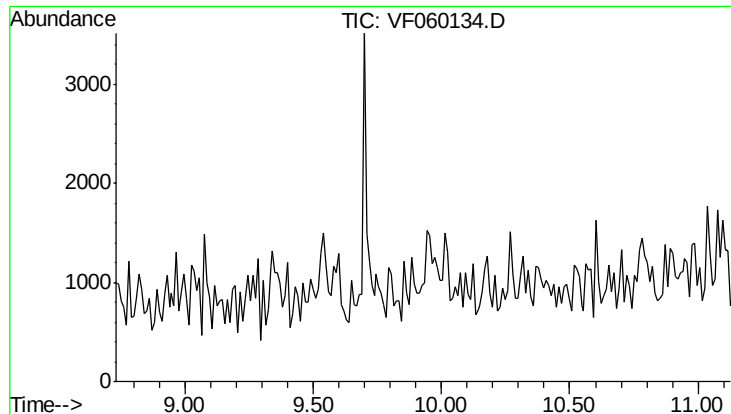
Sig Exp Ratio

95 100

174 79.2

176 76.5

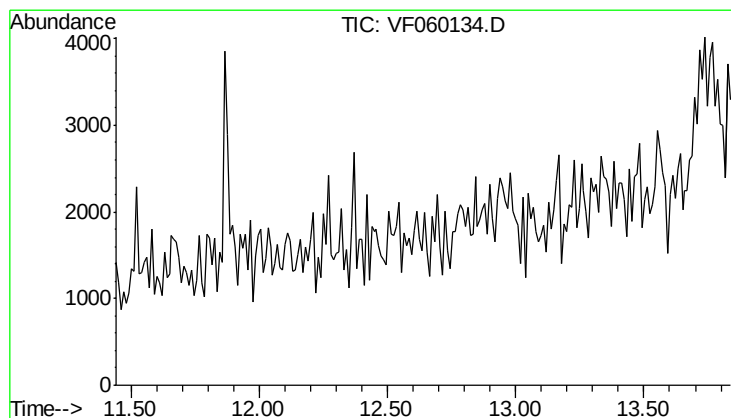
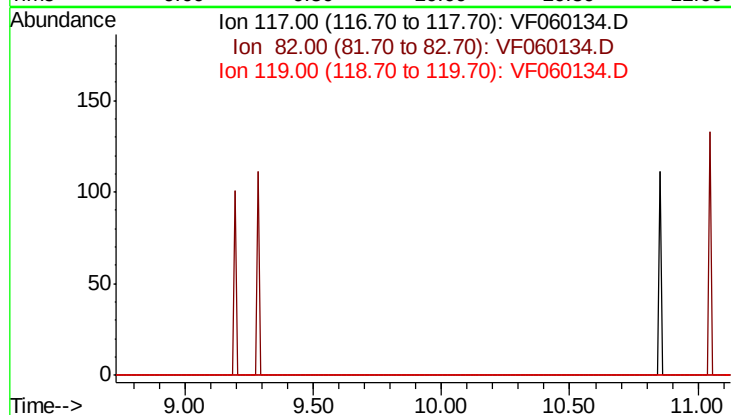




#63
 Chlorobenzene-d5
 Concen: 0.00 ug/l
 Expected RT: 9.93 min
 Lab File: VF060134.D
 Acq: 27 Aug 2018 19:29

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-A7MS

Tot Ion	117
Sig	Exp Ratio
117	100
82	54.5
119	32.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ug/l
 Expected RT: 12.64 min
 Lab File: VF060134.D
 Acq: 27 Aug 2018 19:29

Tgt Ion	152
Sig	Exp Ratio
152	100
115	57.3
150	156.0

