

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
 Data File : VF061642.D
 Acq On : 14 Feb 2019 16:03
 Operator : VA/AP
 Sample : K1349-05
 Misc : 7.23g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-01-021319-A

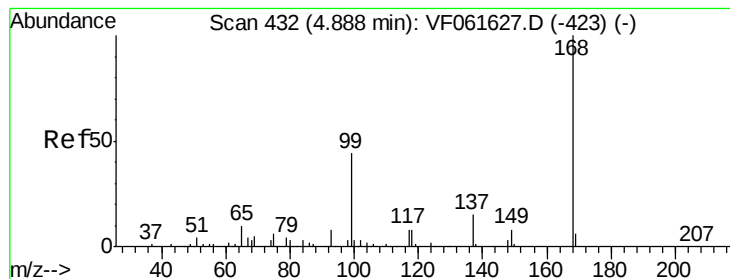
Quant Time: Feb 15 00:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	935	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	608	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	257	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56

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	4.09	113	134	29.68	ug/l	-0.03
Spiked Amount	50.000					
			Recovery	=	59.36%	
50) Toluene-d8	7.56	98	620	47.77	ug/l	0.00
Spiked Amount	50.000					
			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000					
			Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.07	50	81	7.190	ug/l #	42
5) Bromomethane	1.30	94	1292	179.244	ug/l #	3
6) Chloroethane	1.35	64	67	12.981	ug/l #	1
8) Diethyl Ether	1.68	74	64	20.104	ug/l	99
12) 1,1-Dichloroethene	1.79	96	60	7.489	ug/l #	1
13) Acrolein	1.97	56	429	860.202	ug/l #	10
14) Allyl chloride	2.12	41	295	30.005	ug/l #	79
15) Acrylonitrile	2.95	53	200	142.096	ug/l #	52
16) Acetone	2.24	43	1222	830.673	ug/l #	82
17) Carbon Disulfide	1.92	76	68	2.700	ug/l #	73
18) Methyl Acetate	2.32	43	652	196.740	ug/l #	59
19) Methyl tert-butyl Ether	2.40	73	102	7.449	ug/l #	1
20) Methylene Chloride	2.26	84	70	6.697	ug/l #	5
21) trans-1,2-Dichloroethene	2.31	96	66	7.578	ug/l #	1
22) Diisopropyl ether	2.80	45	268	11.356	ug/l #	1
23) Vinyl Acetate	3.21	43	341	29.583	ug/l #	74
24) 1,1-Dichloroethane	2.86	63	62	4.341	ug/l #	86
25) 2-Butanone	4.33	43	221	68.776	ug/l #	55
26) 2,2-Dichloropropane	3.67	77	93	15.373	ug/l #	52
27) cis-1,2-Dichloroethene	3.49	96	61	5.336	ug/l	1
29) Tetrahydrofuran	4.08	42	140	95.858	ug/l #	33
31) Cyclohexane	3.68	56	80	5.174	ug/l #	16
37) Ethyl Acetate	4.11	43	515	184.091	ug/l #	30
41) Methacrylonitrile	4.76	41	318	222.275	ug/l #	25
43) Isopropyl Acetate	6.97	43	141	42.580	ug/l #	43
46) Dibromomethane	6.23	93	82	34.973	ug/l #	1
48) Methyl methacrylate	6.70	41	61	30.611	ug/l #	1
51) 4-Methyl-2-Pentanone	8.25	43	237	100.165	ug/l #	34
59) 2-Hexanone	9.43	43	66	39.793	ug/l #	23

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

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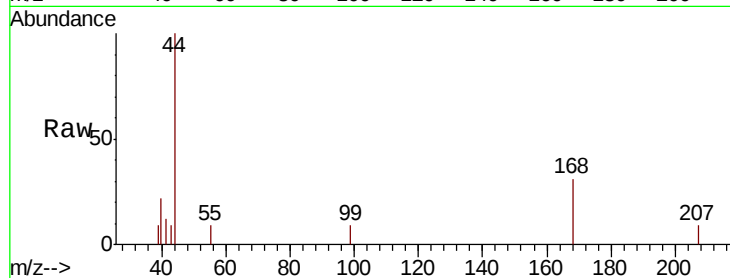
OR-01-021319-A

Tgt Ion:168 Resp: 935

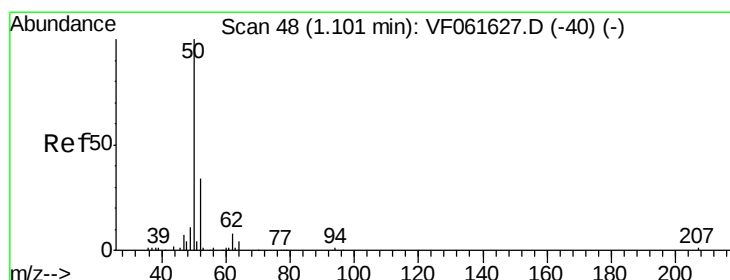
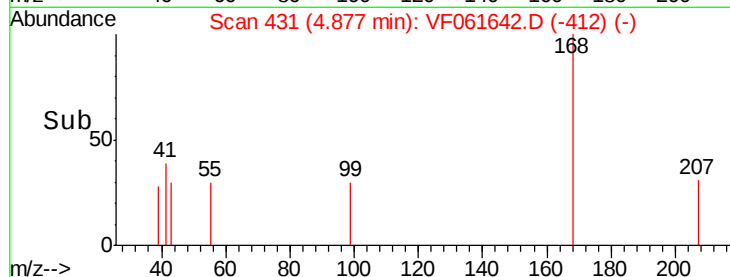
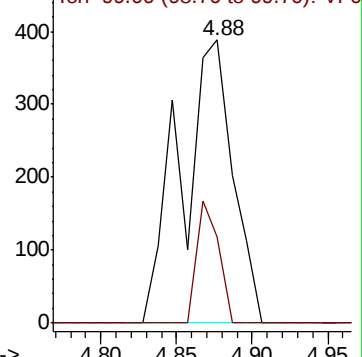
Ion Ratio Lower Upper

168 100

99 30.4 34.9 52.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#3

Chloromethane

Concen: 7.190 ug/l

RT: 1.07 min Scan# 45

Delta R.T. -0.03 min

Lab File: VF061642.D

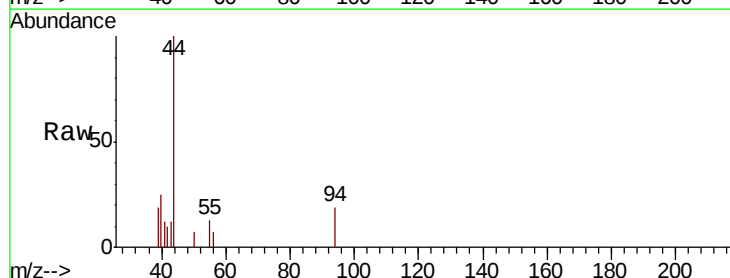
Acq: 14 Feb 2019 16:03

Tgt Ion: 50 Resp: 81

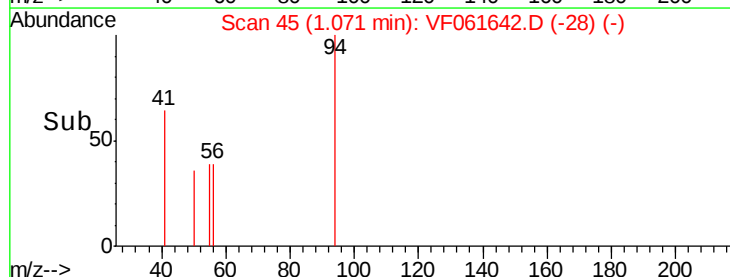
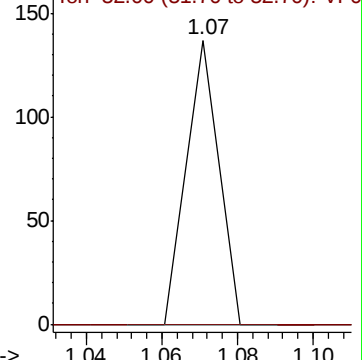
Ion Ratio Lower Upper

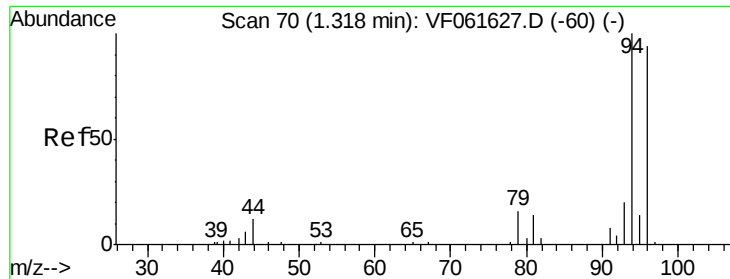
50 100

52 0.0 26.2 39.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0





#5

Bromomethane

Concen: 179.244 ug/l

RT: 1.30 min Scan# 68

Delta R.T. -0.02 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

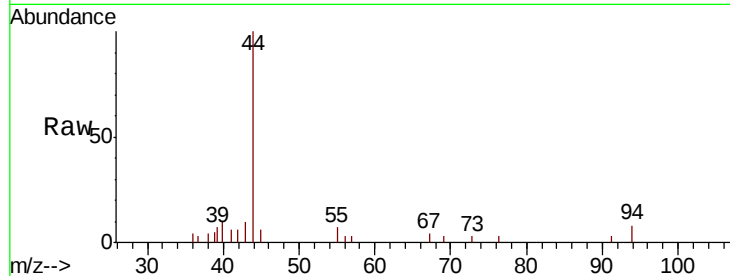
OR-01-021319-A

Tgt Ion: 94 Resp: 1292

Ion Ratio Lower Upper

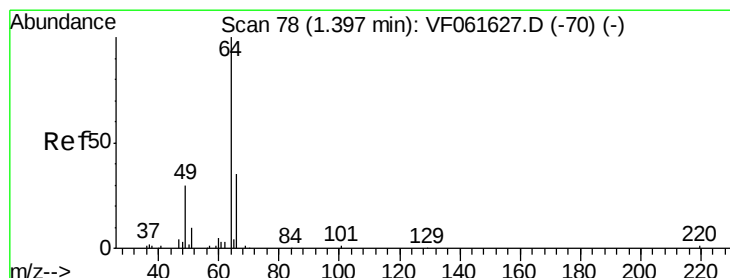
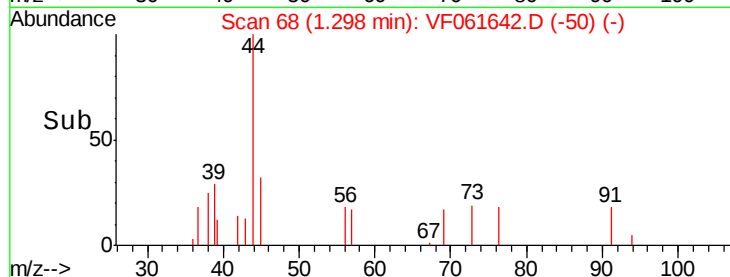
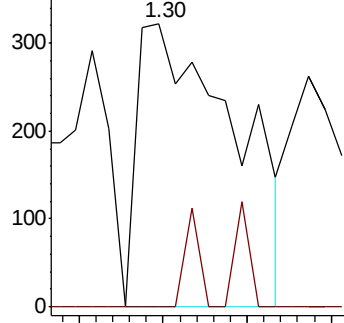
94 100

96 0.0 74.6 112.0#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 12.981 ug/l

RT: 1.35 min Scan# 73

Delta R.T. -0.05 min

Lab File: VF061642.D

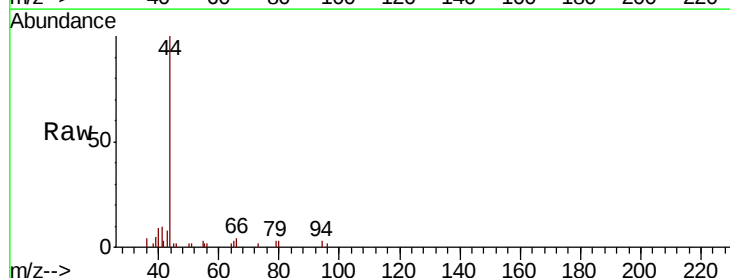
Acq: 14 Feb 2019 16:03

Tgt Ion: 64 Resp: 67

Ion Ratio Lower Upper

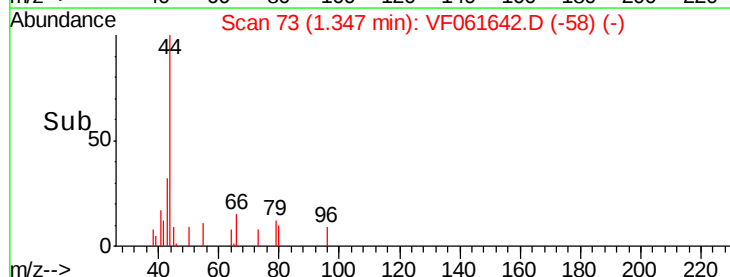
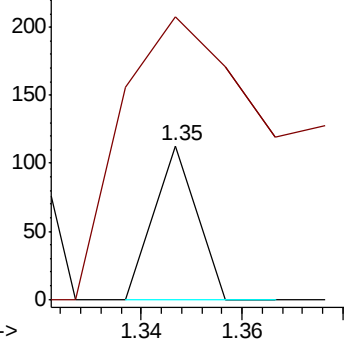
64 100

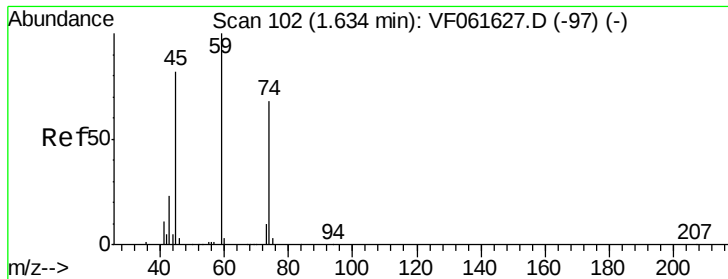
66 184.1 27.9 41.9#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#8

Diethyl Ether

Concen: 20.104 ug/l

RT: 1.68 min Scan# 107

Delta R.T. 0.05 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

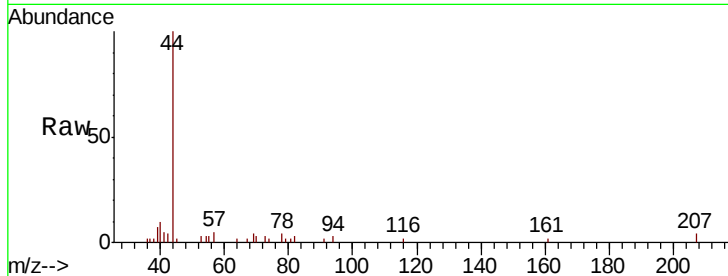
OR-01-021319-A

Tgt Ion: 74 Resp: 64

Ion Ratio Lower Upper

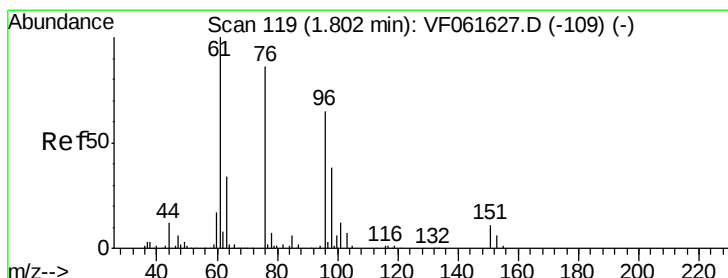
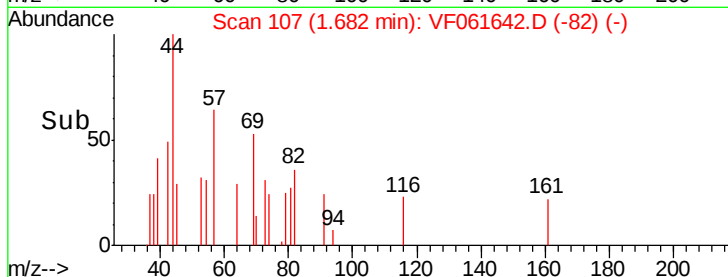
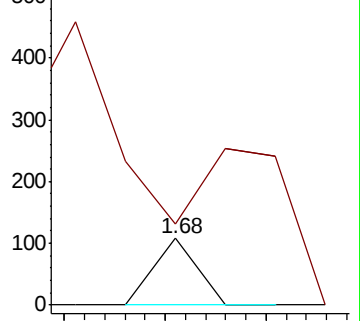
74 100

45 122.2 60.8 182.3



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#12

1,1-Dichloroethene

Concen: 7.489 ug/l

RT: 1.79 min Scan# 118

Delta R.T. -0.01 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

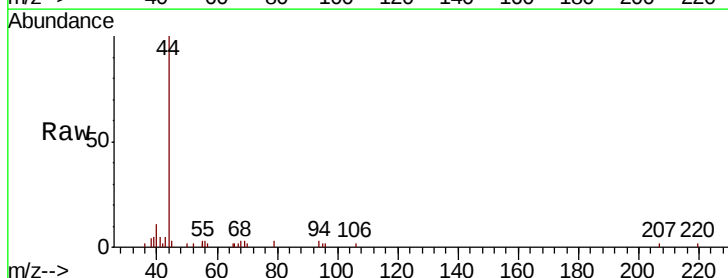
Tgt Ion: 96 Resp: 60

Ion Ratio Lower Upper

96 100

61 0.0 122.6 184.0#

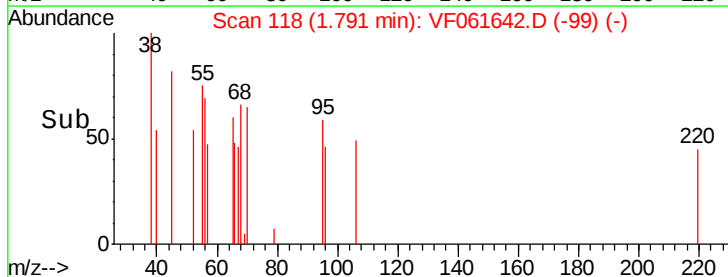
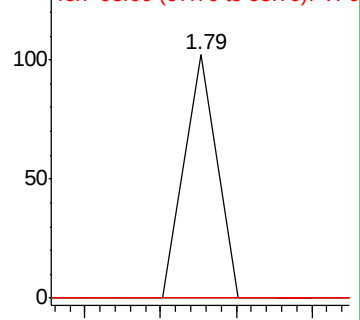
98 0.0 47.2 70.8#

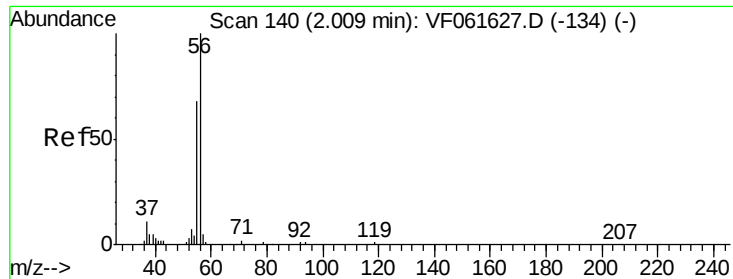


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#13

Acrolein

Concen: 860.202 ug/l

RT: 1.97 min Scan# 136

Delta R.T. -0.04 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

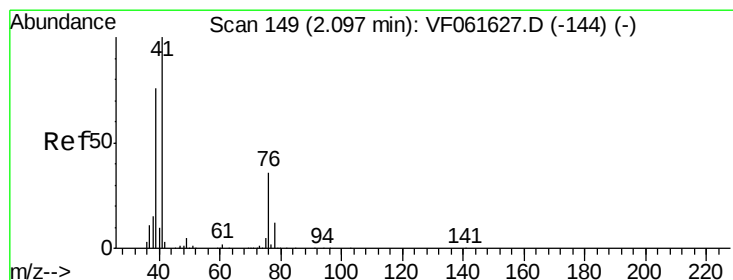
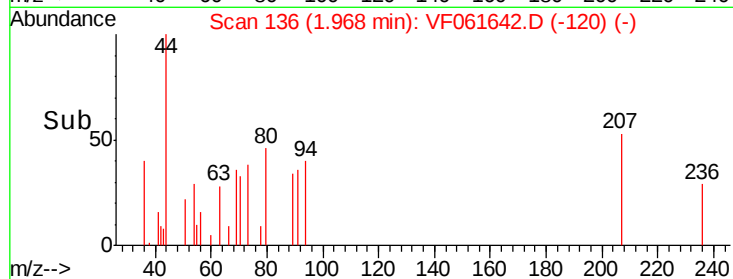
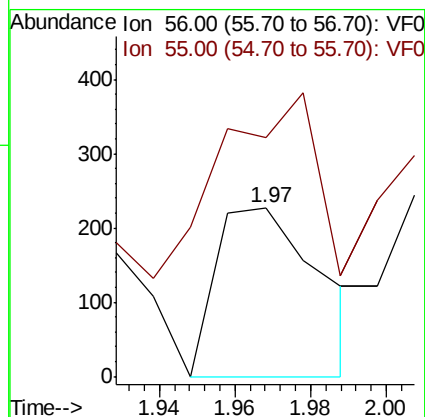
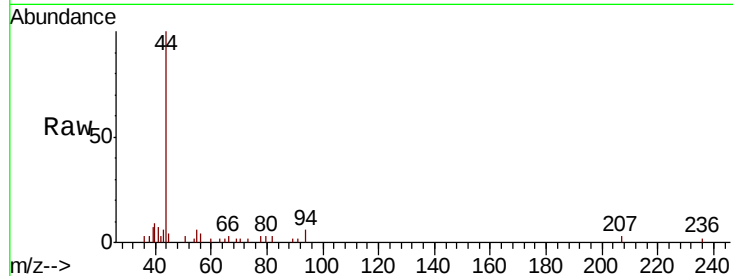
OR-01-021319-A

Tgt Ion: 56 Resp: 429

Ion Ratio Lower Upper

56 100

55 141.9 55.0 82.6#



#14

Allyl chloride

Concen: 30.005 ug/l

RT: 2.12 min Scan# 151

Delta R.T. 0.02 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

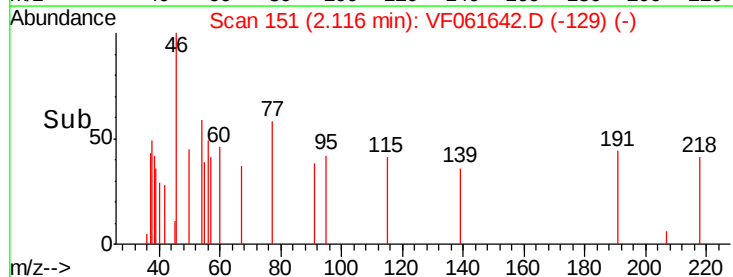
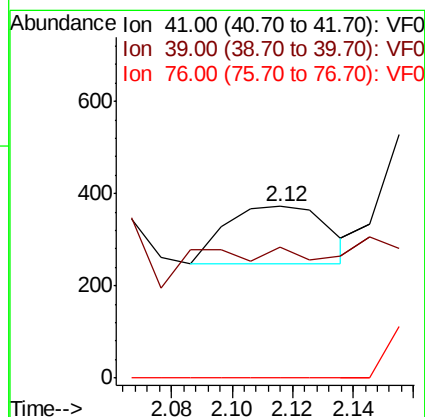
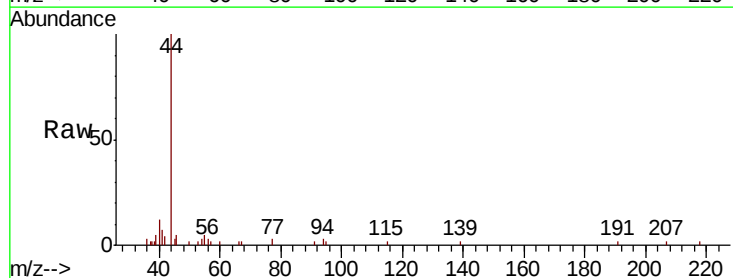
Tgt Ion: 41 Resp: 295

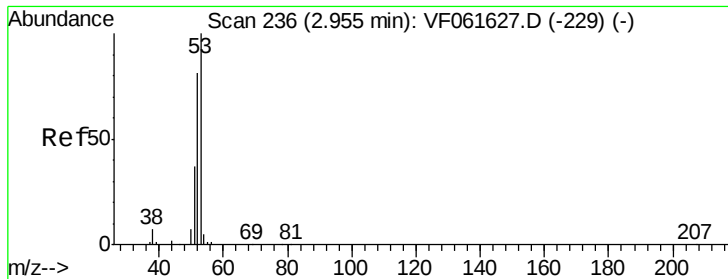
Ion Ratio Lower Upper

41 100

39 76.1 61.6 92.4

76 0.0 30.3 45.5#





#15

Acrylonitrile

Concen: 142.096 ug/l

RT: 2.95 min Scan# 236

Delta R.T. -0.00 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

OR-01-021319-A

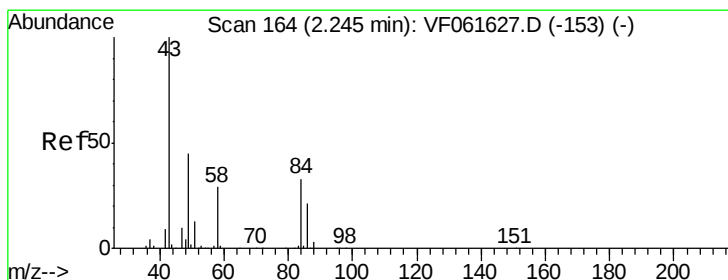
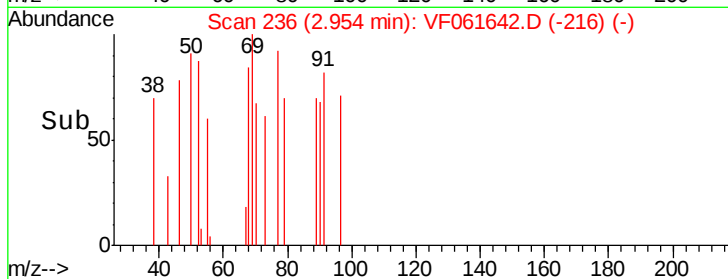
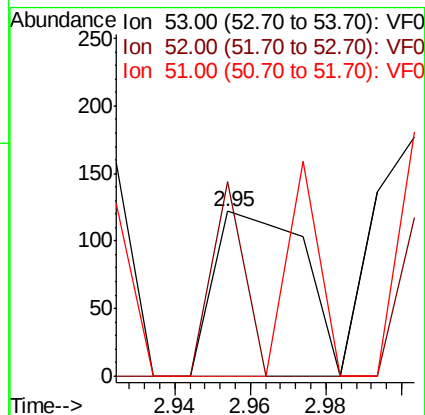
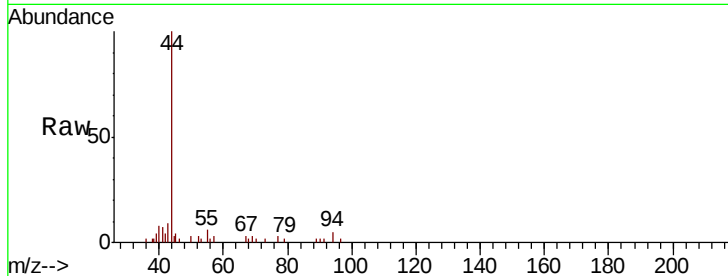
Tgt Ion: 53 Resp: 200

Ion Ratio Lower Upper

53 100

52 118.0 64.6 97.0#

51 0.0 29.8 44.8#



#16

Acetone

Concen: 830.673 ug/l

RT: 2.24 min Scan# 164

Delta R.T. -0.00 min

Lab File: VF061642.D

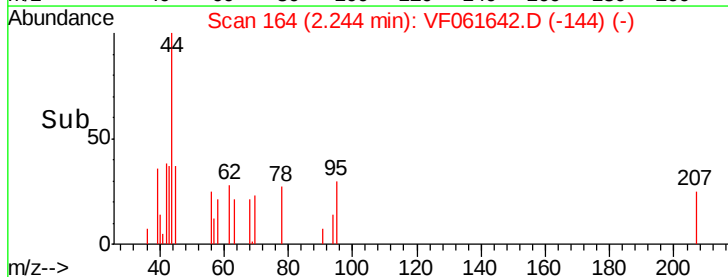
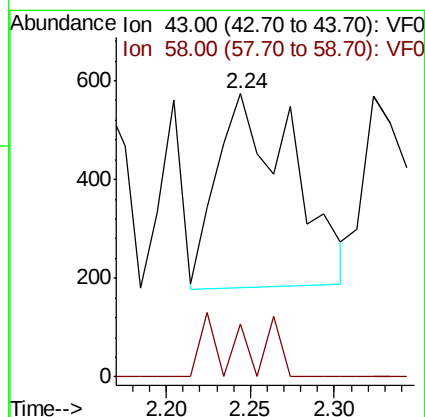
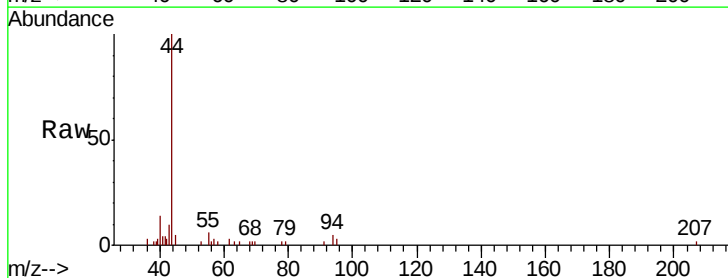
Acq: 14 Feb 2019 16:03

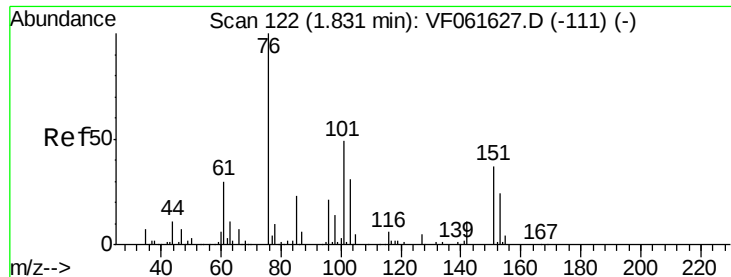
Tgt Ion: 43 Resp: 1222

Ion Ratio Lower Upper

43 100

58 18.8 22.9 34.3#





#17

Carbon Disulfide

Concen: 2.700 ug/l

RT: 1.92 min Scan# 131

Delta R.T. 0.09 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

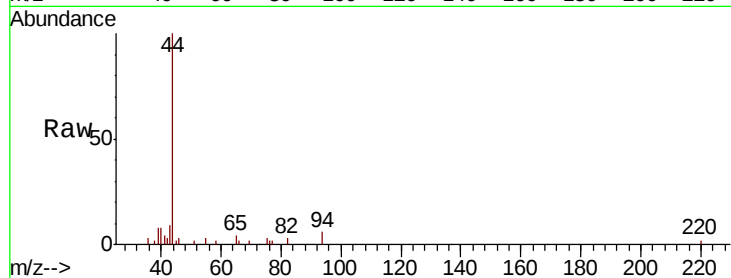
OR-01-021319-A

Tgt Ion: 76 Resp: 68

Ion Ratio Lower Upper

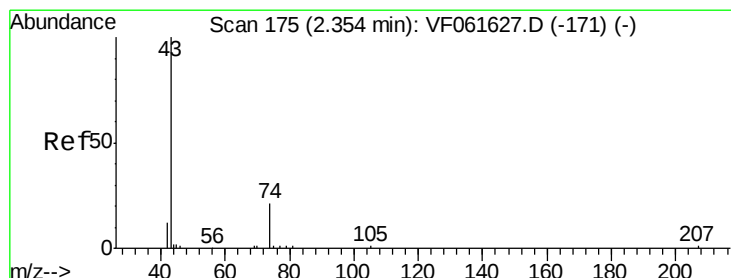
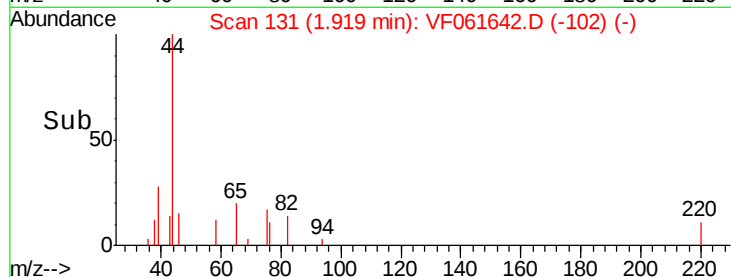
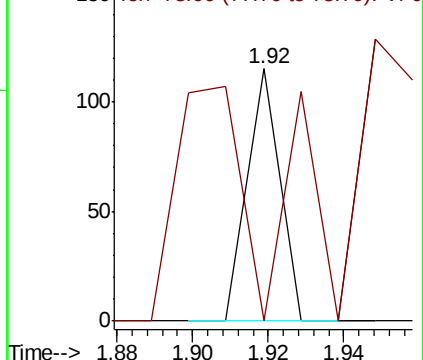
76 100

78 0.0 7.9 11.9#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 196.740 ug/l

RT: 2.32 min Scan# 172

Delta R.T. -0.03 min

Lab File: VF061642.D

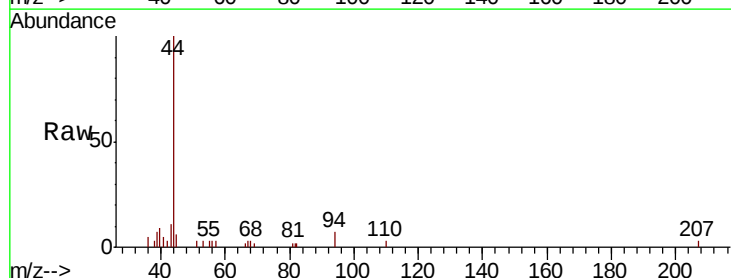
Acq: 14 Feb 2019 16:03

Tgt Ion: 43 Resp: 652

Ion Ratio Lower Upper

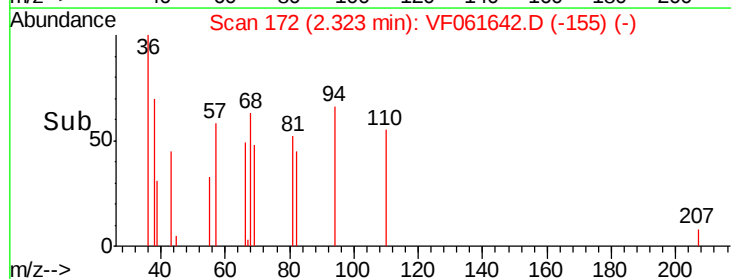
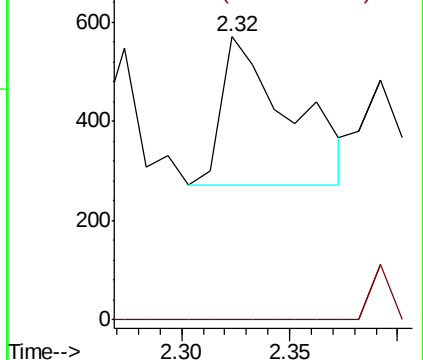
43 100

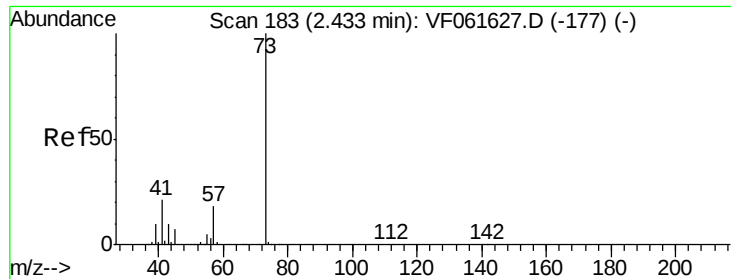
74 0.0 14.6 21.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0





#19

Methyl tert-butyl Ether

Concen: 7.449 ug/l

RT: 2.40 min Scan# 180

Delta R.T. -0.03 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

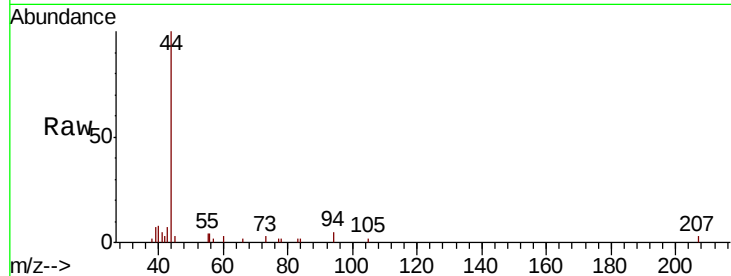
OR-01-021319-A

Tgt Ion: 73 Resp: 102

Ion Ratio Lower Upper

73 100

57 75.0 15.8 23.8#



Abundance Ion 73.00 (72.70 to 73.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.40

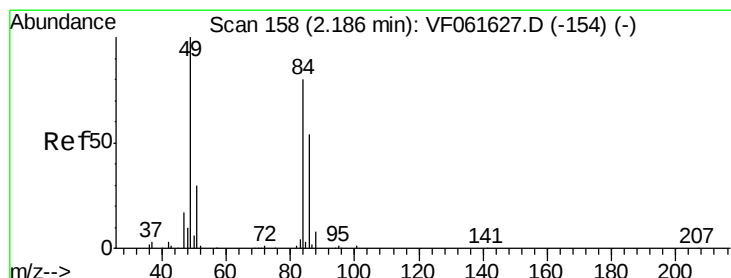
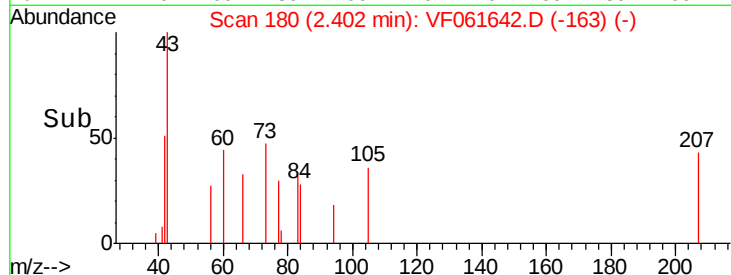
150

100

50

0

Time--> 2.38 2.40 2.42



#20

Methylene Chloride

Concen: 6.697 ug/l

RT: 2.26 min Scan# 166

Delta R.T. 0.08 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Tgt Ion: 84 Resp: 70

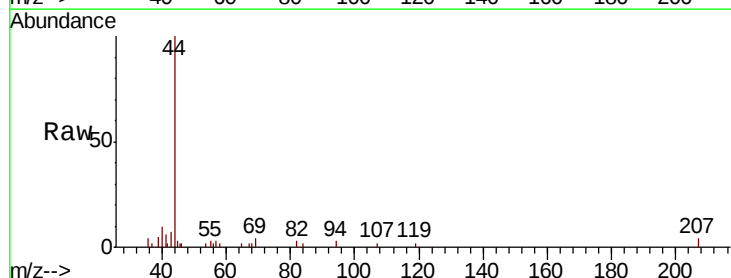
Ion Ratio Lower Upper

84 100

49 0.0 101.8 152.8#

51 0.0 31.1 46.7#

86 0.0 54.4 81.6#



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

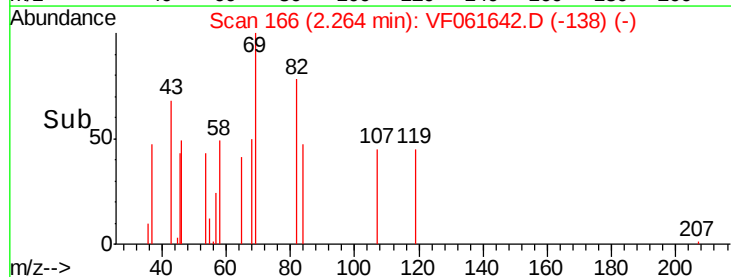
300

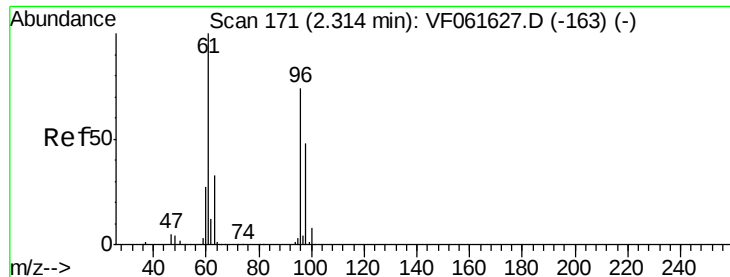
200

100

0

Time--> 2.24 2.26 2.28





#21

trans-1,2-Dichloroethene

Concen: 7.578 ug/l

RT: 2.31 min Scan# 171

Delta R.T. -0.00 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

OR-01-021319-A

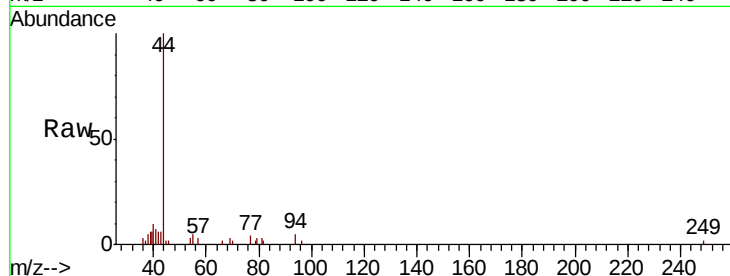
Tgt Ion: 96 Resp: 66

Ion Ratio Lower Upper

96 100

61 0.0 108.2 162.4#

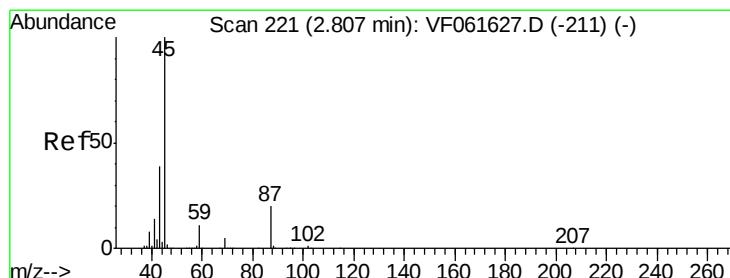
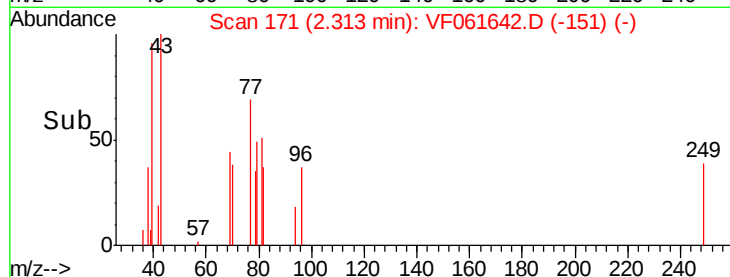
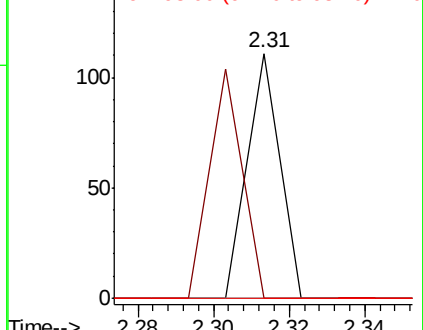
98 0.0 52.2 78.2#



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 11.356 ug/l

RT: 2.80 min Scan# 220

Delta R.T. -0.01 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Tgt Ion: 45 Resp: 268

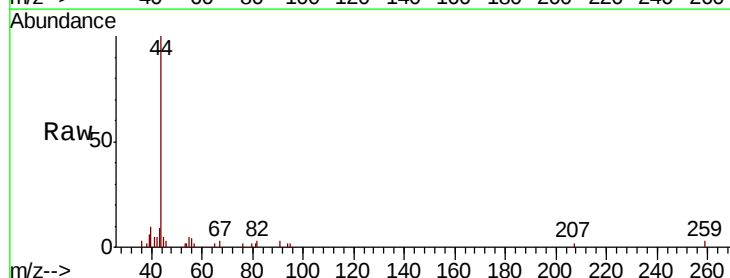
Ion Ratio Lower Upper

45 100

43 172.8 31.4 47.2#

87 0.0 16.3 24.5#

59 0.0 8.7 13.1#

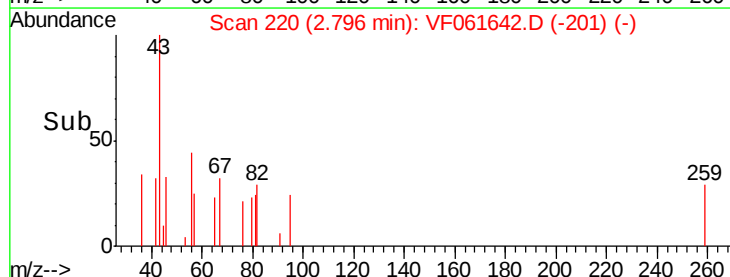
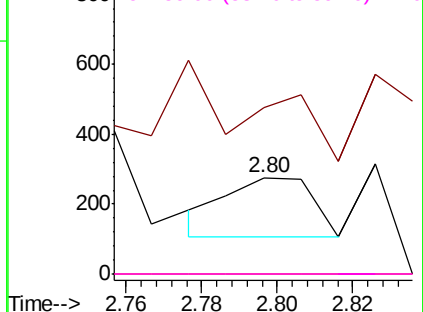


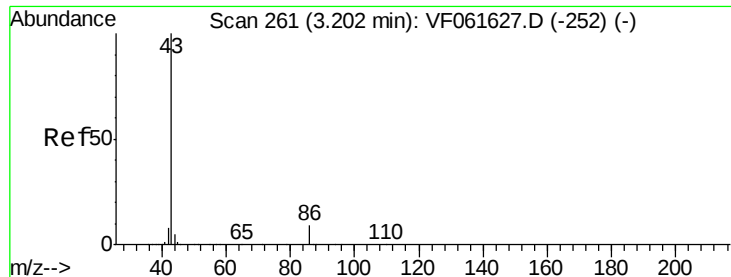
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 29.583 ug/l

RT: 3.21 min Scan# 262

Delta R.T. 0.01 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

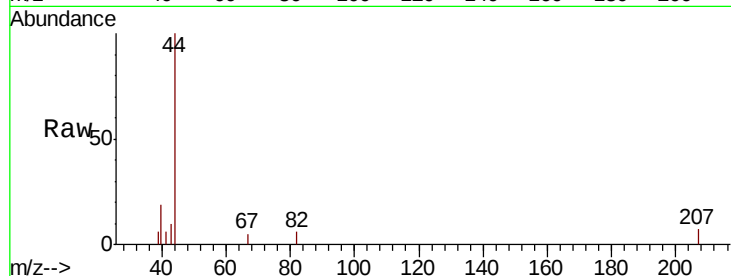
OR-01-021319-A

Tgt Ion: 43 Resp: 341

Ion Ratio Lower Upper

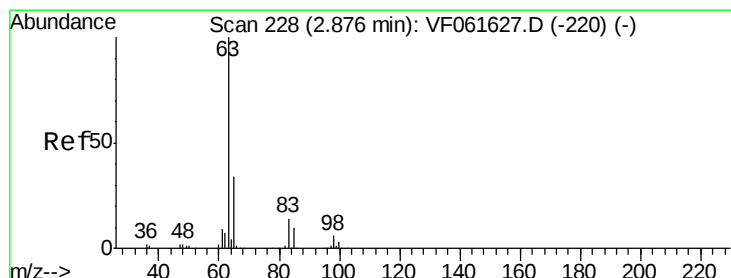
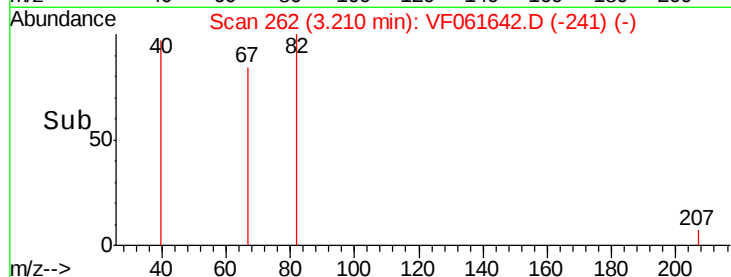
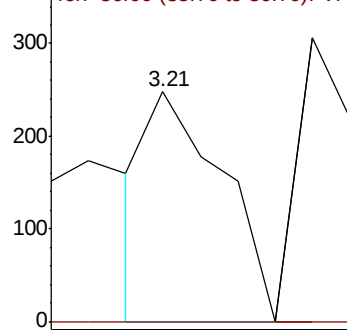
43 100

86 0.0 7.5 11.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 4.341 ug/l

RT: 2.86 min Scan# 226

Delta R.T. -0.02 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

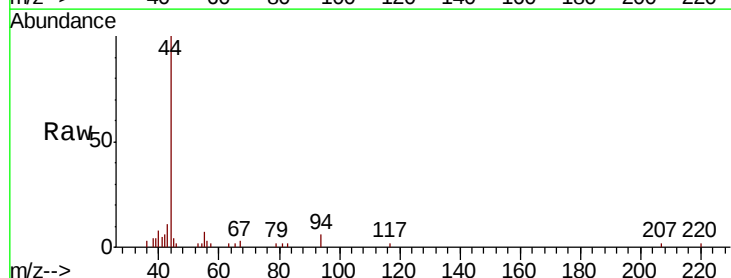
Tgt Ion: 63 Resp: 62

Ion Ratio Lower Upper

63 100

98 0.0 2.8 8.3#

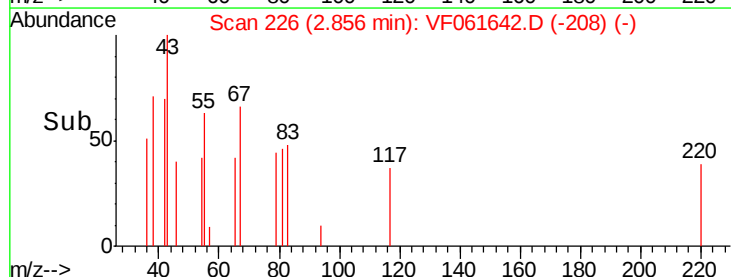
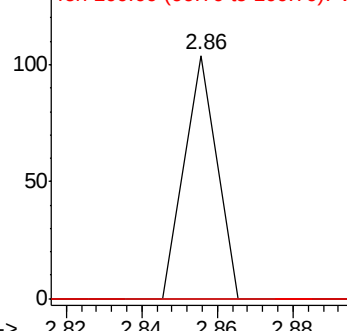
100 0.0 1.8 5.4#

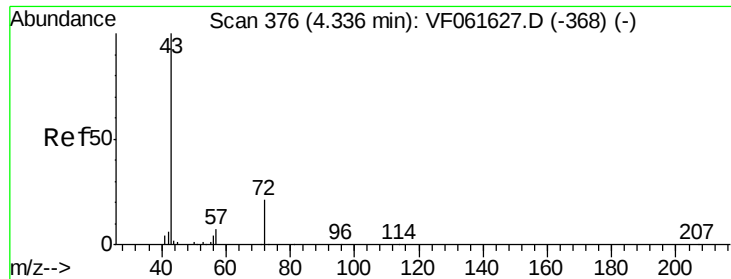


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 68.776 ug/l

RT: 4.33 min Scan# 376

Delta R.T. -0.00 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

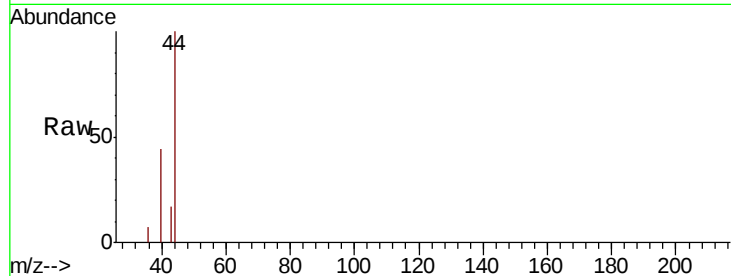
OR-01-021319-A

Tgt Ion: 43 Resp: 221

Ion Ratio Lower Upper

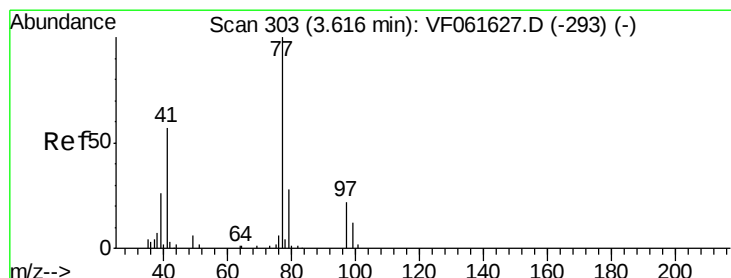
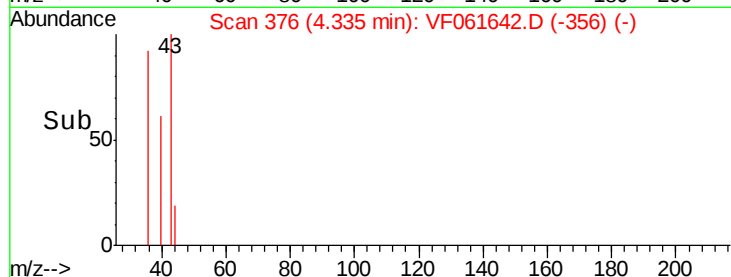
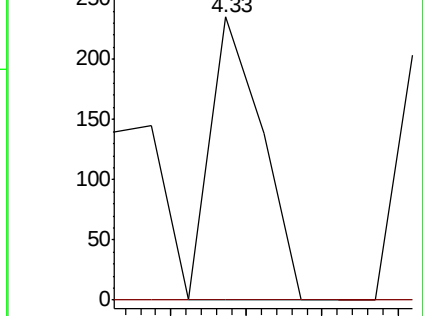
43 100

72 0.0 17.1 25.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 15.373 ug/l

RT: 3.67 min Scan# 309

Delta R.T. 0.06 min

Lab File: VF061642.D

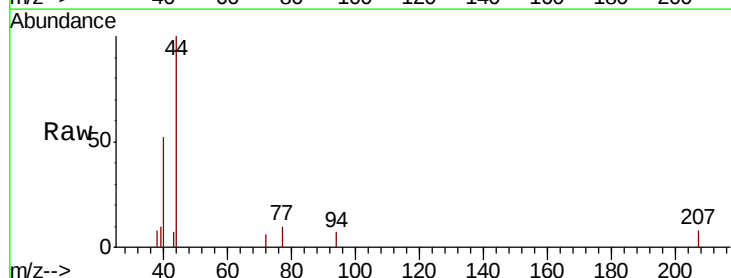
Acq: 14 Feb 2019 16:03

Tgt Ion: 77 Resp: 93

Ion Ratio Lower Upper

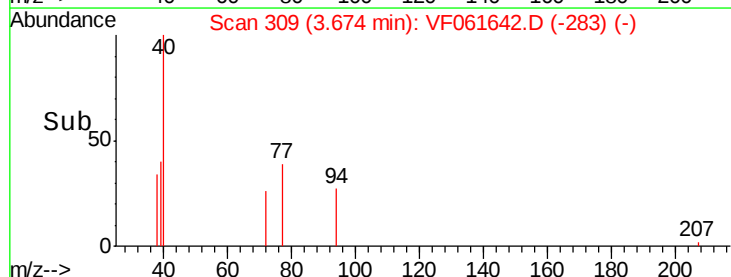
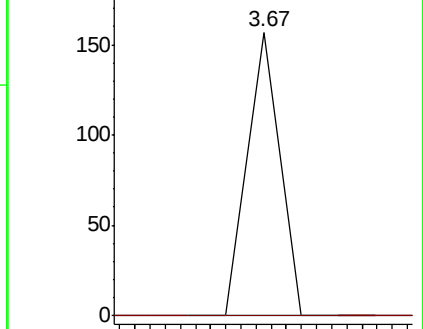
77 100

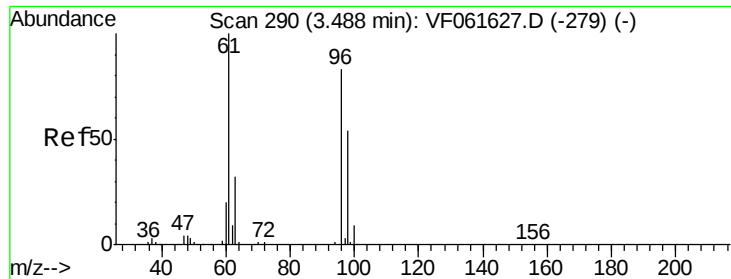
97 0.0 11.7 35.0#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



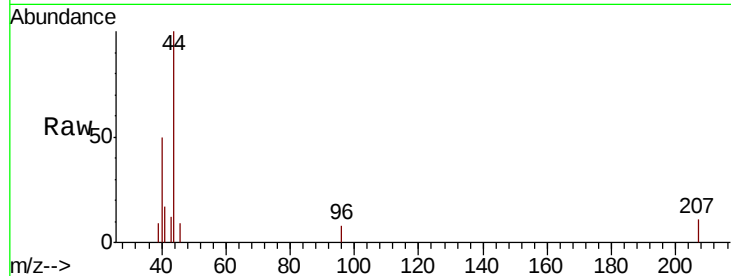


#27

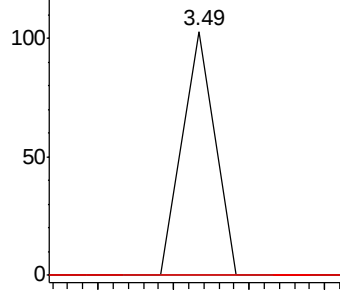
cis-1,2-Dichloroethene
 Concen: 5.336 ug/l
 RT: 3.49 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VF061642.D
 Acq: 14 Feb 2019 16:03

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-01-021319-A

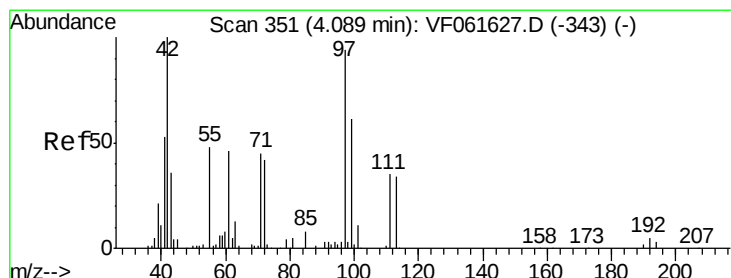
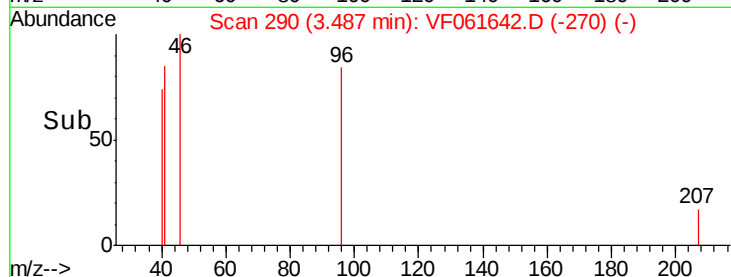
Tgt Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	241.6
98	0.0	0.0	130.2



Abundance Ion 96.00 (95.70 to 96.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 98.00 (97.70 to 98.70): VF0



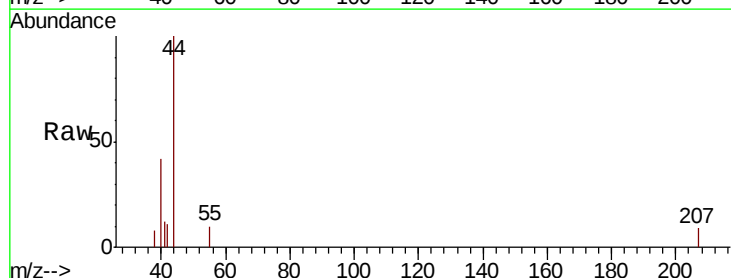
Time-->



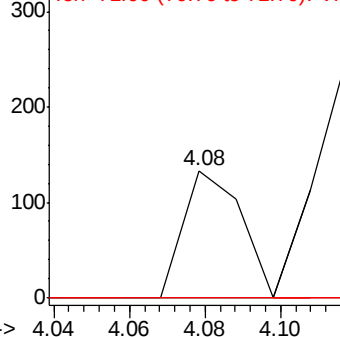
#29

Tetrahydrofuran
 Concen: 95.858 ug/l
 RT: 4.08 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VF061642.D
 Acq: 14 Feb 2019 16:03

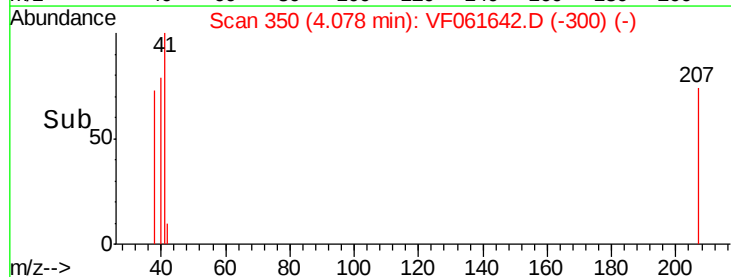
Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.2	52.8#
71	0.0	32.9	49.3#

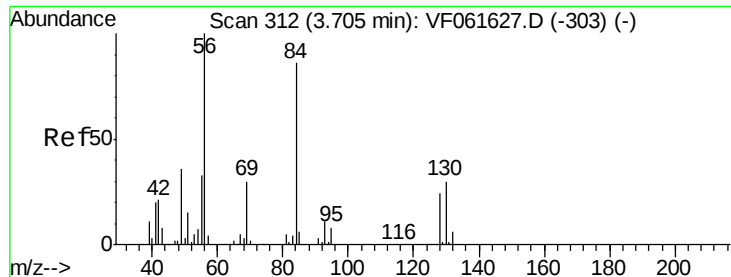


Abundance Ion 42.00 (41.70 to 42.70): VF0
 Ion 72.00 (71.70 to 72.70): VF0
 Ion 71.00 (70.70 to 71.70): VF0



Time-->

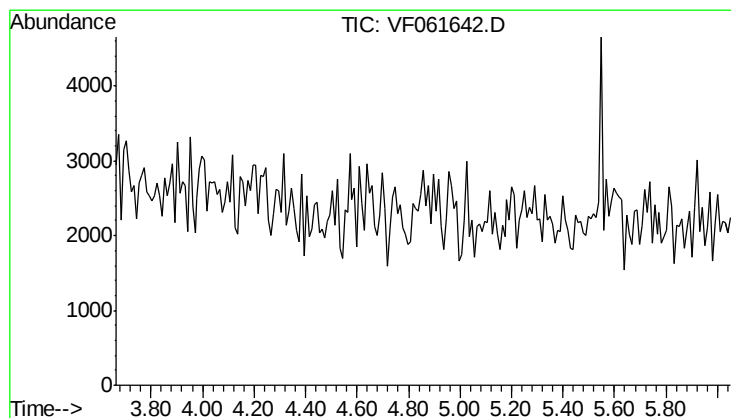
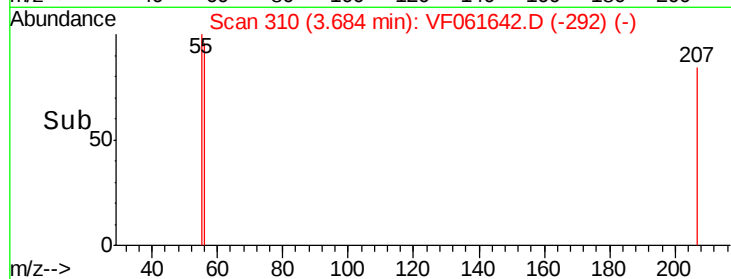
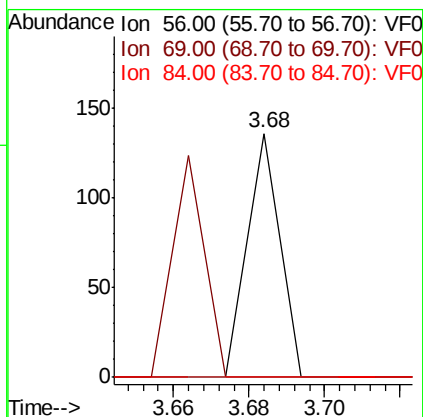
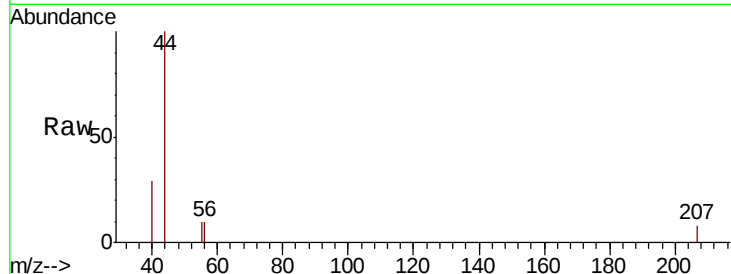




#31
Cyclohexane
Concen: 5.174 ug/l
RT: 3.68 min Scan# 310
Delta R.T. -0.02 min
Lab File: VF061642.D
Acq: 14 Feb 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
OR-01-021319-A

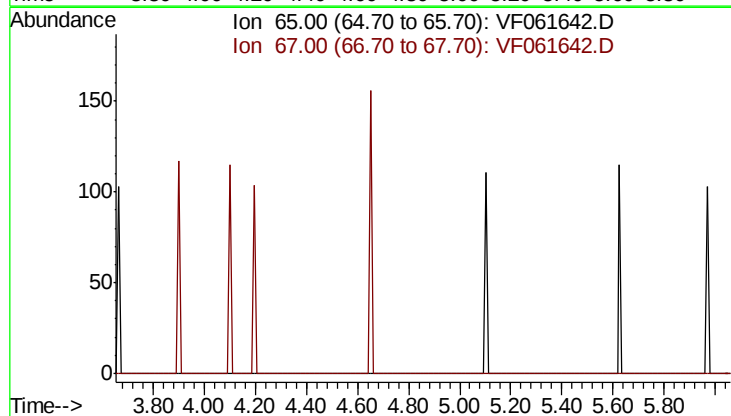
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
69 0.0 23.8 35.8#
84 0.0 68.6 103.0#

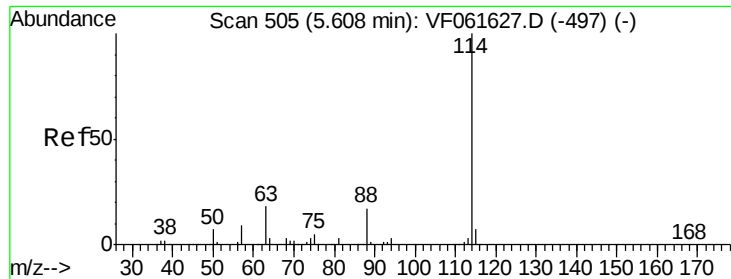


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 4.86 min

Lab File: VF061642.D
Acq: 14 Feb 2019 16:03

Tgt Ion: 65
Sig Exp Ratio
65 100
67 52.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

OR-01-021319-A

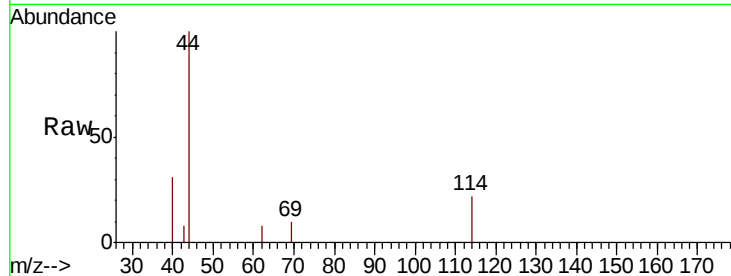
Tgt Ion:114 Resp: 608

Ion Ratio Lower Upper

114 100

63 0.0 0.0 36.6

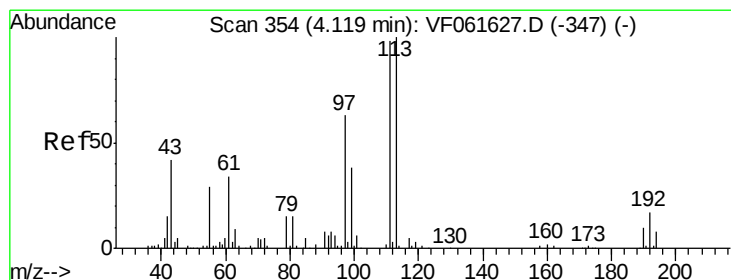
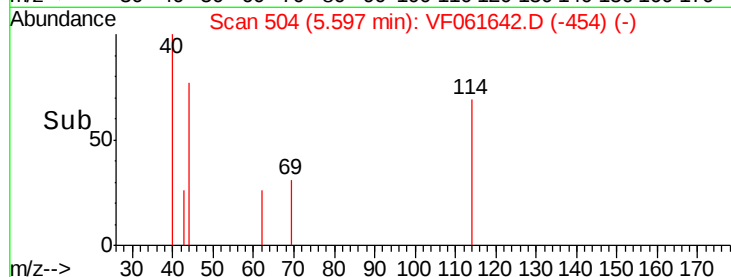
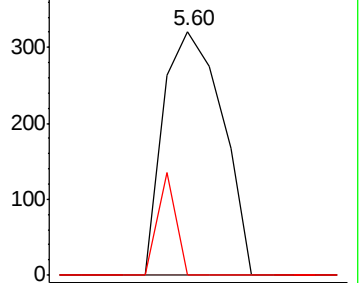
88 0.0 0.0 34.4



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: 29.678 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

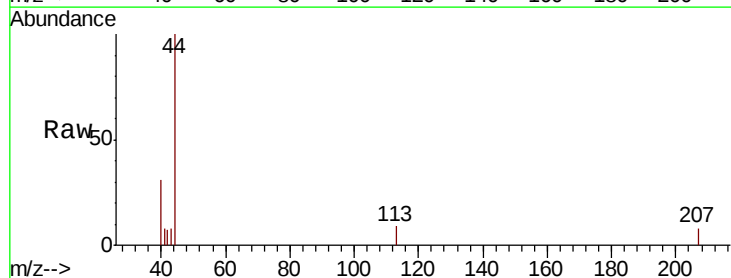
Tgt Ion:113 Resp: 134

Ion Ratio Lower Upper

113 100

111 0.0 78.8 118.2#

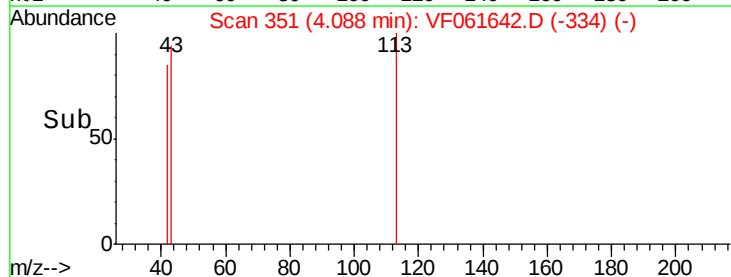
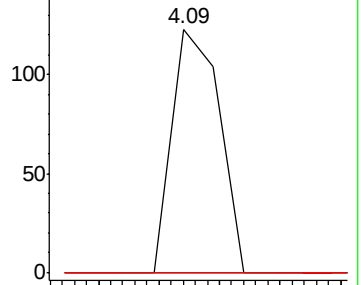
192 0.0 13.4 20.0#

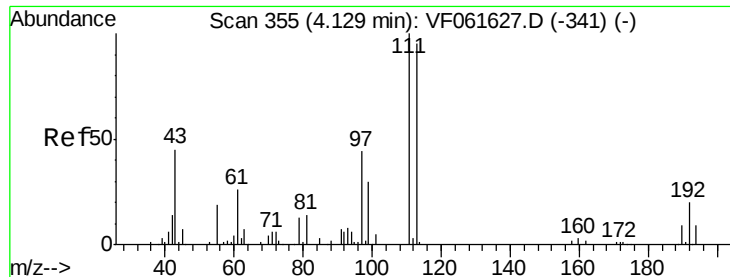


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

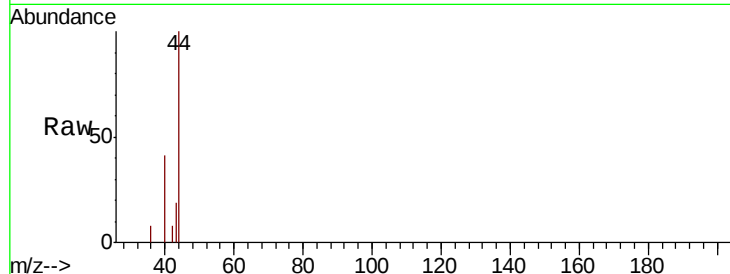




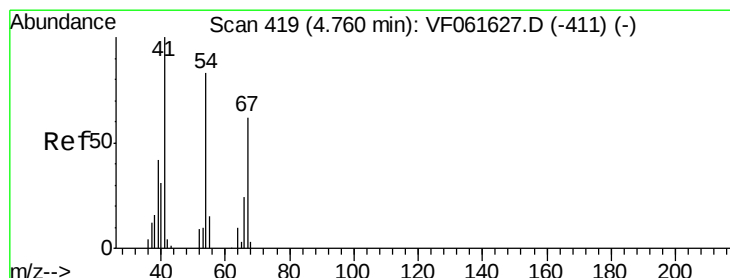
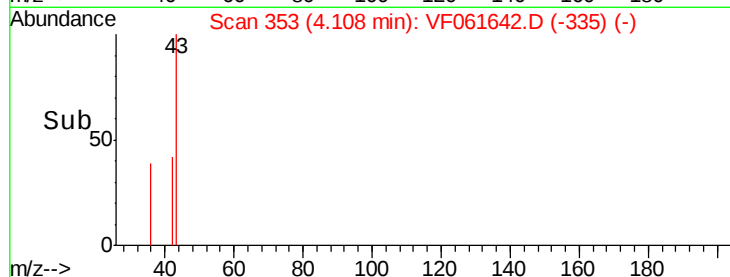
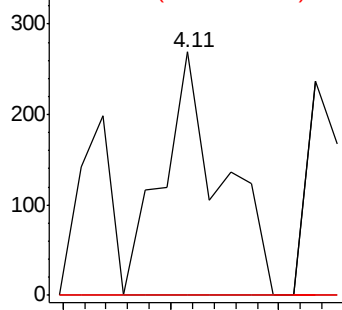
#37
Ethyl Acetate
Concen: 184.091 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.02 min
Lab File: VF061642.D
Acq: 14 Feb 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
OR-01-021319-A

Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
61 0.0 45.7 68.5#
70 0.0 8.5 12.7#

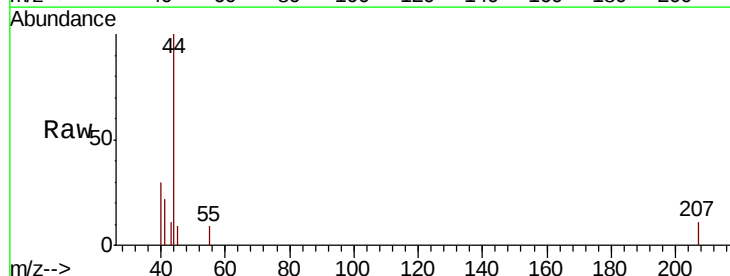


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

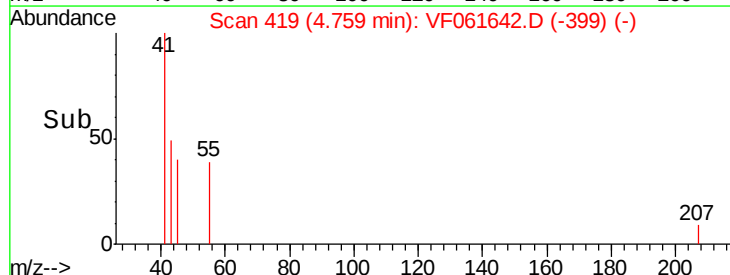
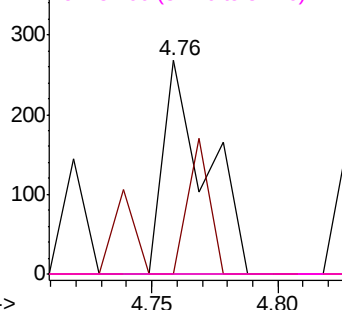


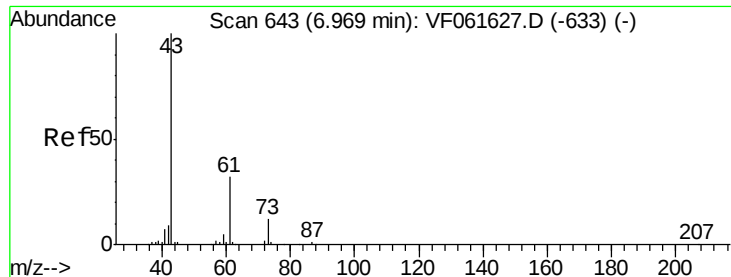
#41
Methacrylonitrile
Concen: 222.275 ug/l
RT: 4.76 min Scan# 419
Delta R.T. -0.00 min
Lab File: VF061642.D
Acq: 14 Feb 2019 16:03

Tgt Ion: 41 Resp: 318
Ion Ratio Lower Upper
41 100
39 0.0 45.3 67.9#
67 0.0 49.3 73.9#
52 0.0 32.6 49.0#



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





#43

Isopropyl Acetate

Concen: 42.580 ug/l

RT: 6.97 min Scan# 643

Delta R.T. -0.00 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

OR-01-021319-A

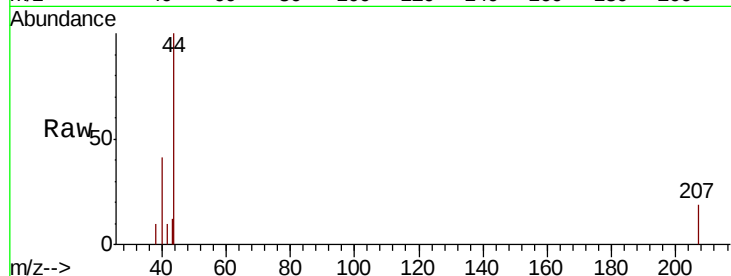
Tgt Ion: 43 Resp: 141

Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.6#

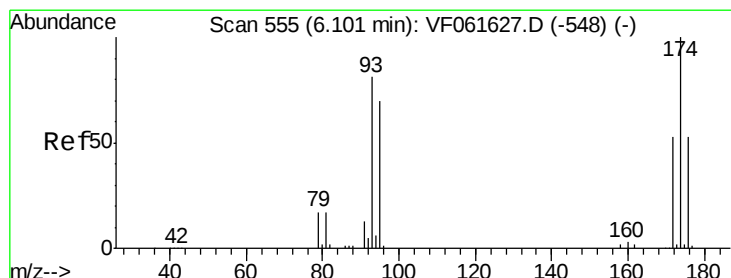
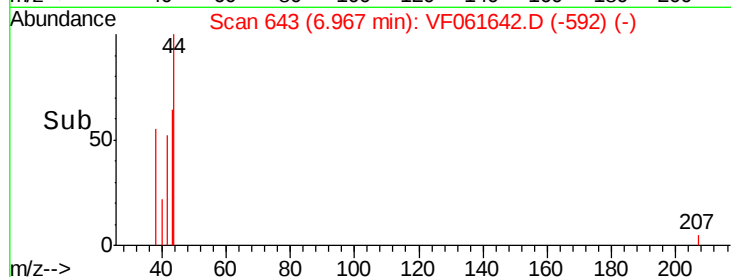
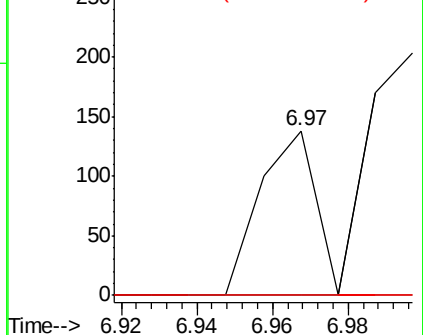
87 0.0 0.4 0.6#



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



#46

Dibromomethane

Concen: 34.973 ug/l

RT: 6.23 min Scan# 568

Delta R.T. 0.13 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

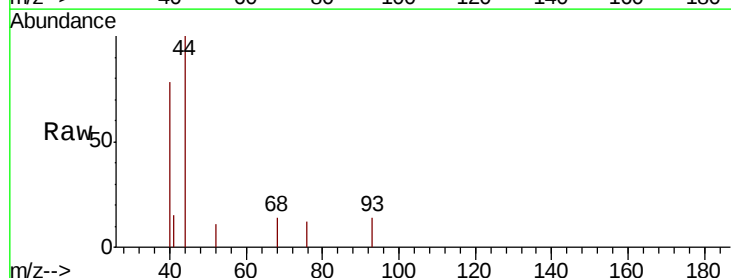
Tgt Ion: 93 Resp: 82

Ion Ratio Lower Upper

93 100

95 0.0 69.0 103.6#

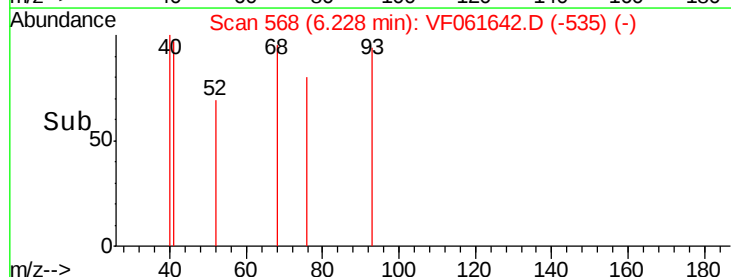
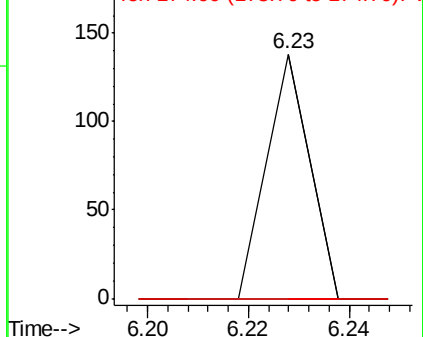
174 0.0 99.3 148.9#

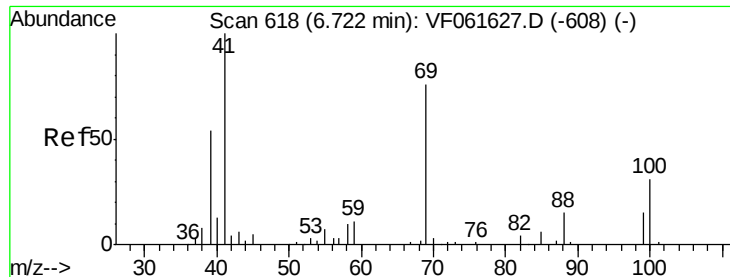


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#48

Methyl methacrylate

Concen: 30.611 ug/l

RT: 6.70 min Scan# 616

Delta R.T. -0.02 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

OR-01-021319-A

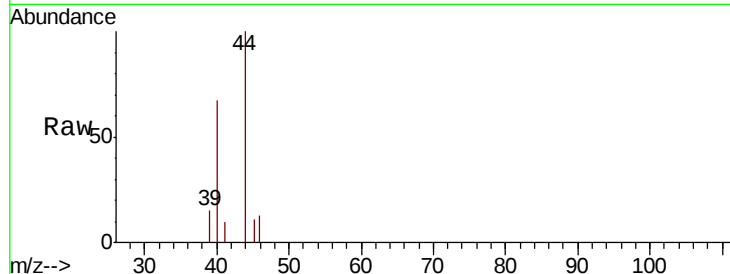
Tgt Ion: 41 Resp: 61

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

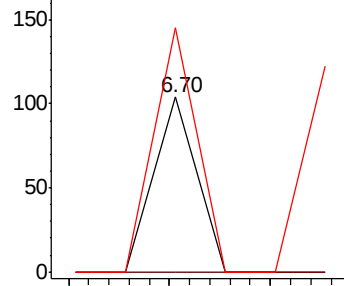
39 139.4 43.7 65.5#



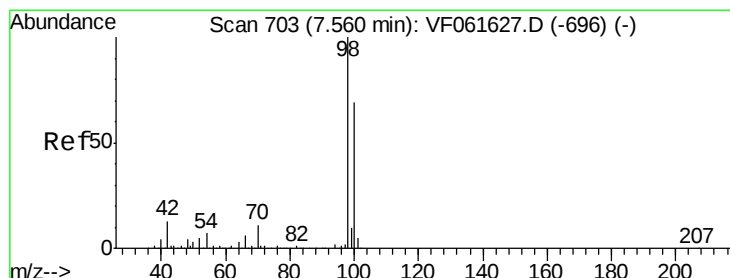
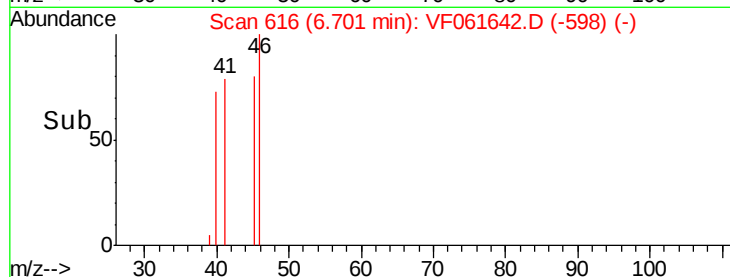
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->



#50

Toluene-d8

Concen: 47.768 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF061642.D

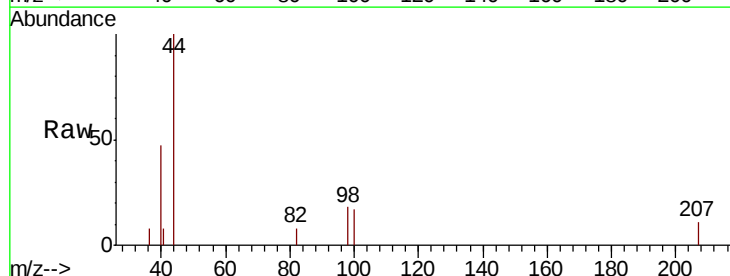
Acq: 14 Feb 2019 16:03

Tgt Ion: 98 Resp: 620

Ion Ratio Lower Upper

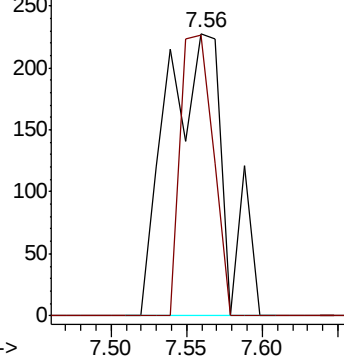
98 100

100 99.1 55.4 83.2#

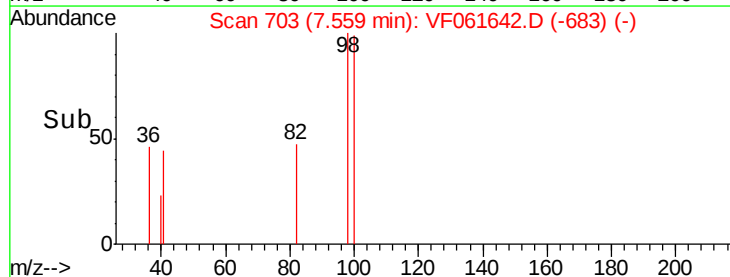


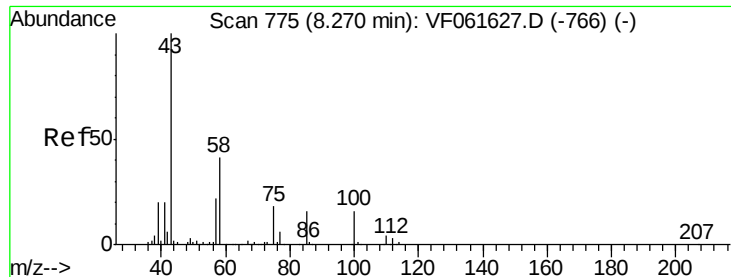
Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 100.165 ug/l

RT: 8.25 min Scan# 773

Delta R.T. -0.02 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Instrument :

MSVOA_F

ClientSampleId :

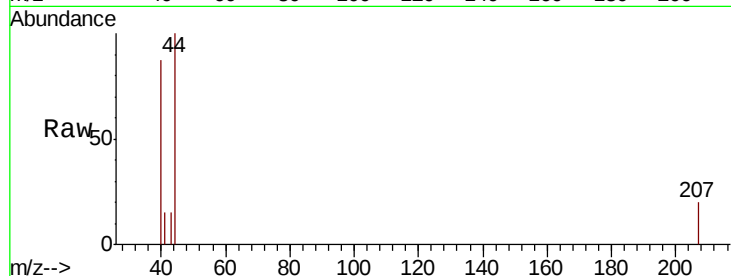
OR-01-021319-A

Tgt Ion: 43 Resp: 237

Ion Ratio Lower Upper

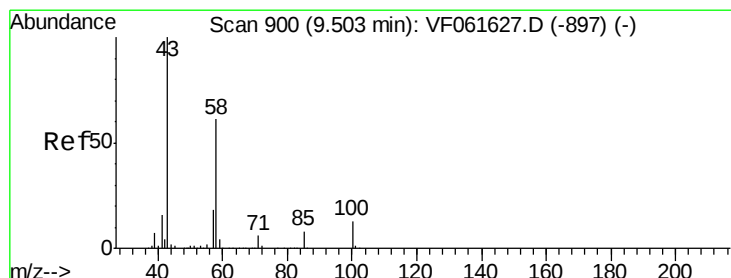
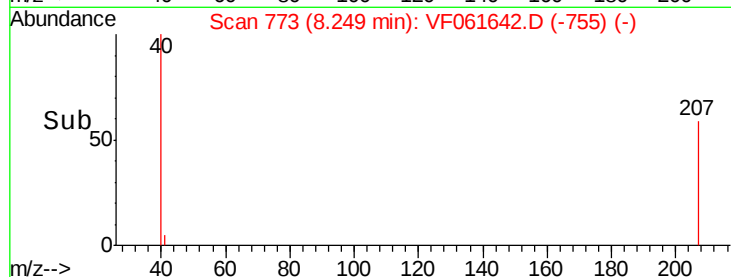
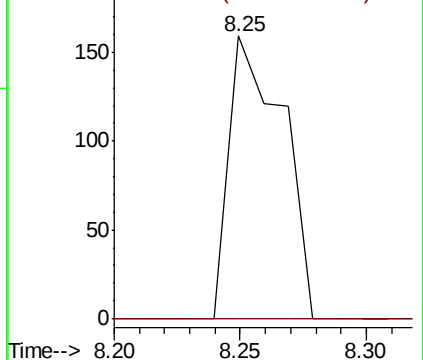
43 100

58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#59

2-Hexanone

Concen: 39.793 ug/l

RT: 9.43 min Scan# 893

Delta R.T. -0.07 min

Lab File: VF061642.D

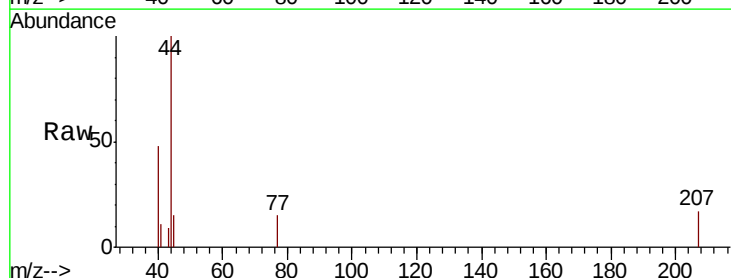
Acq: 14 Feb 2019 16:03

Tgt Ion: 43 Resp: 66

Ion Ratio Lower Upper

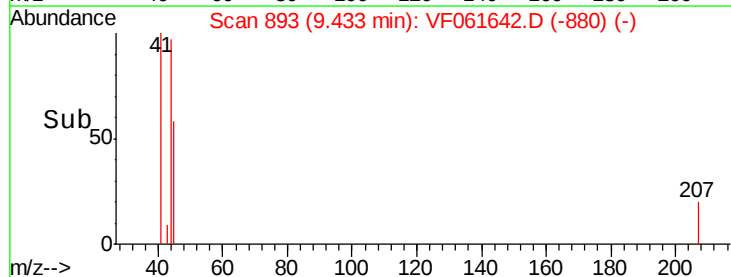
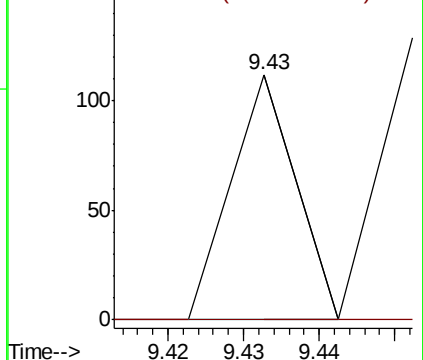
43 100

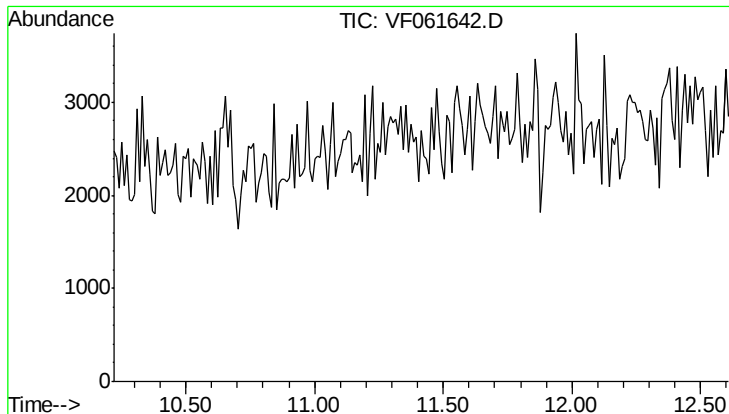
58 0.0 28.5 85.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.42 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

Tgt Ion: 95

Sig Exp Ratio

95 100

174 82.9

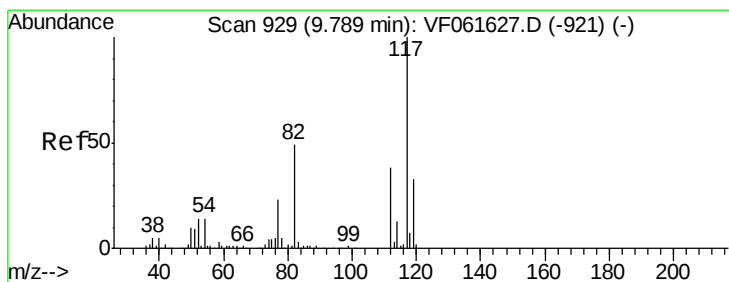
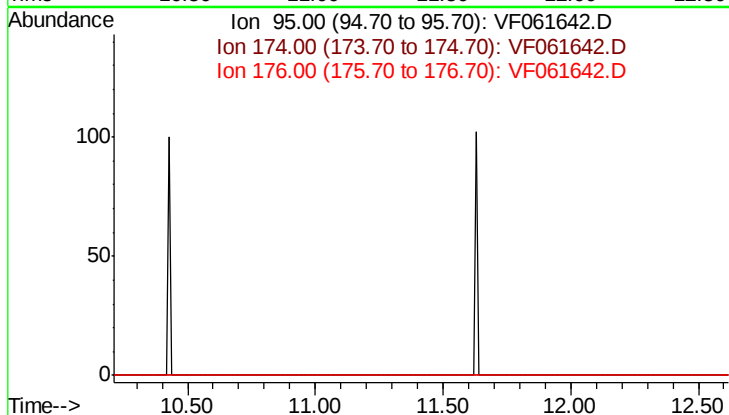
176 83.5

Instrument :

MSVOA_F

ClientSampleId :

OR-01-021319-A



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.78 min Scan# 928

Delta R.T. -0.01 min

Lab File: VF061642.D

Acq: 14 Feb 2019 16:03

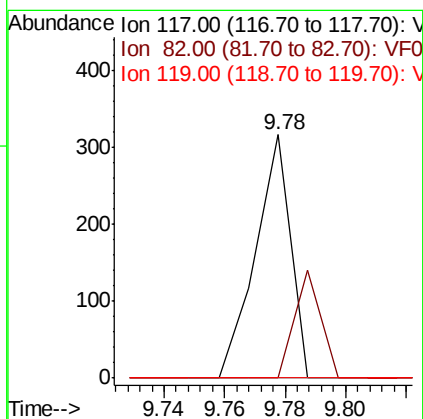
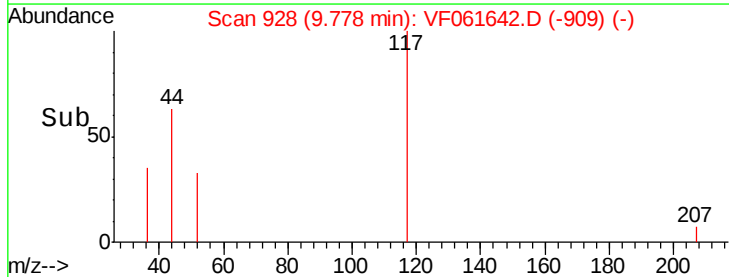
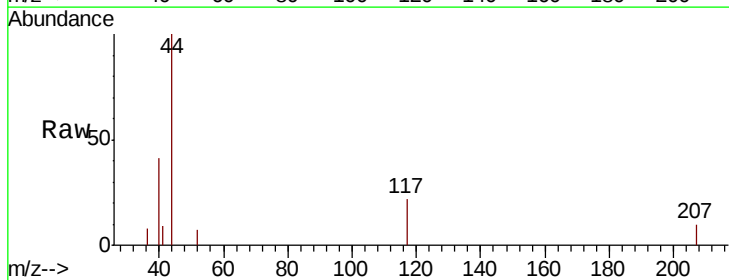
Tgt Ion: 117 Resp: 257

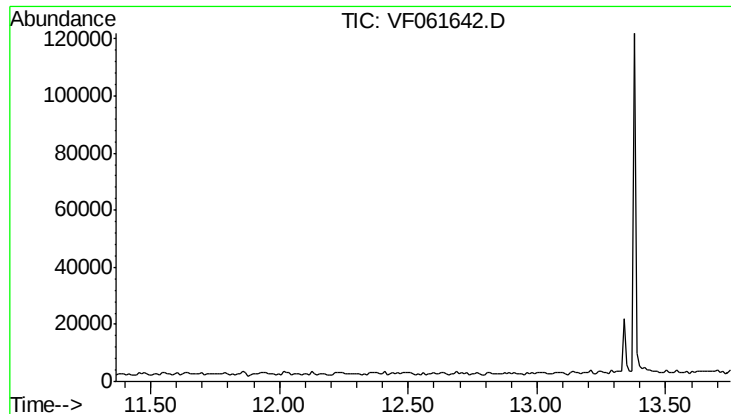
Ion Ratio Lower Upper

117 100

82 0.0 39.3 58.9#

119 0.0 26.6 40.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.56 min
 Lab File: VF061642.D
 Acq: 14 Feb 2019 16:03

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-01-021319-A

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 115 48.5
 150 156.0

