

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061595.D
 Acq On : 11 Feb 2019 19:34
 Operator : VA/AP
 Sample : K1461-05
 Misc : 5.07g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Feb 12 03:28:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	11963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	17338	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	10162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	2398	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	3270	22.14	ug/l	0.00
Spiked Amount			Recovery	=	44.28%	
35) Dibromofluoromethane	4.09	113	5130	37.50	ug/l	0.00
Spiked Amount			Recovery	=	75.00%	
50) Toluene-d8	7.54	98	16307	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	
62) 4-Bromofluorobenzene	11.39	95	3741	21.36	ug/l	0.00
Spiked Amount			Recovery	=	42.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.11	50	173	1.004	ug/l #	44
5) Bromomethane	1.34	94	152	1.520	ug/l #	2
6) Chloroethane	1.29	64	80	1.178	ug/l #	41
8) Diethyl Ether	1.62	74	139	3.640	ug/l	81
11) Tert butyl alcohol	2.59	59	93	14.876	ug/l #	64
13) Acrolein	1.99	56	130	33.480	ug/l	83
14) Allyl chloride	2.08	41	387	Below Cal	#	82
15) Acrylonitrile	2.93	53	176	10.990	ug/l #	20
16) Acetone	2.24	43	2626	88.626	ug/l #	92
18) Methyl Acetate	2.32	43	627	10.670	ug/l	95
20) Methylene Chloride	2.17	84	389	2.187	ug/l #	56
22) Diisopropyl ether	2.76	45	385	1.017	ug/l #	57
23) Vinyl Acetate	3.16	43	855	8.262	ug/l #	78
25) 2-Butanone	4.31	43	471	9.559	ug/l #	57
26) 2,2-Dichloropropane	3.61	77	208	1.425	ug/l #	61
29) Tetrahydrofuran	4.05	42	138	6.504	ug/l #	38
37) Ethyl Acetate	4.09	43	178	2.215	ug/l #	5
41) Methacrylonitrile	4.73	41	72	1.684	ug/l #	29
43) Isopropyl Acetate	6.92	43	342	3.391	ug/l #	51
48) Methyl methacrylate	6.64	41	155	2.289	ug/l #	19
51) 4-Methyl-2-Pentanone	8.26	43	438	5.908	ug/l #	39
59) 2-Hexanone	9.51	43	100	1.934	ug/l #	26
69) o-Xylene	10.83	106	495	3.363	ug/l #	1
70) Styrene	10.81	104	205	1.018	ug/l #	1
74) N-amyl acetate	11.38	43	164	3.556	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	11.60	83	94	2.705	ug/l #	24
78) n-propylbenzene	11.64	91	2479	9.638	ug/l #	54
81) trans-1,4-Dichloro-2-buten	11.98	75	73	6.726	ug/l #	19
83) tert-Butylbenzene	12.00	119	395	2.425	ug/l #	1
86) p-Isopropyltoluene	12.45	119	581	3.199	ug/l #	54
92) 1,2-Dibromo-3-Chloropropan	13.64	75	85	13.793	ug/l #	1
95) Naphthalene	14.44	128	304	2.964	ug/l #	71

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QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

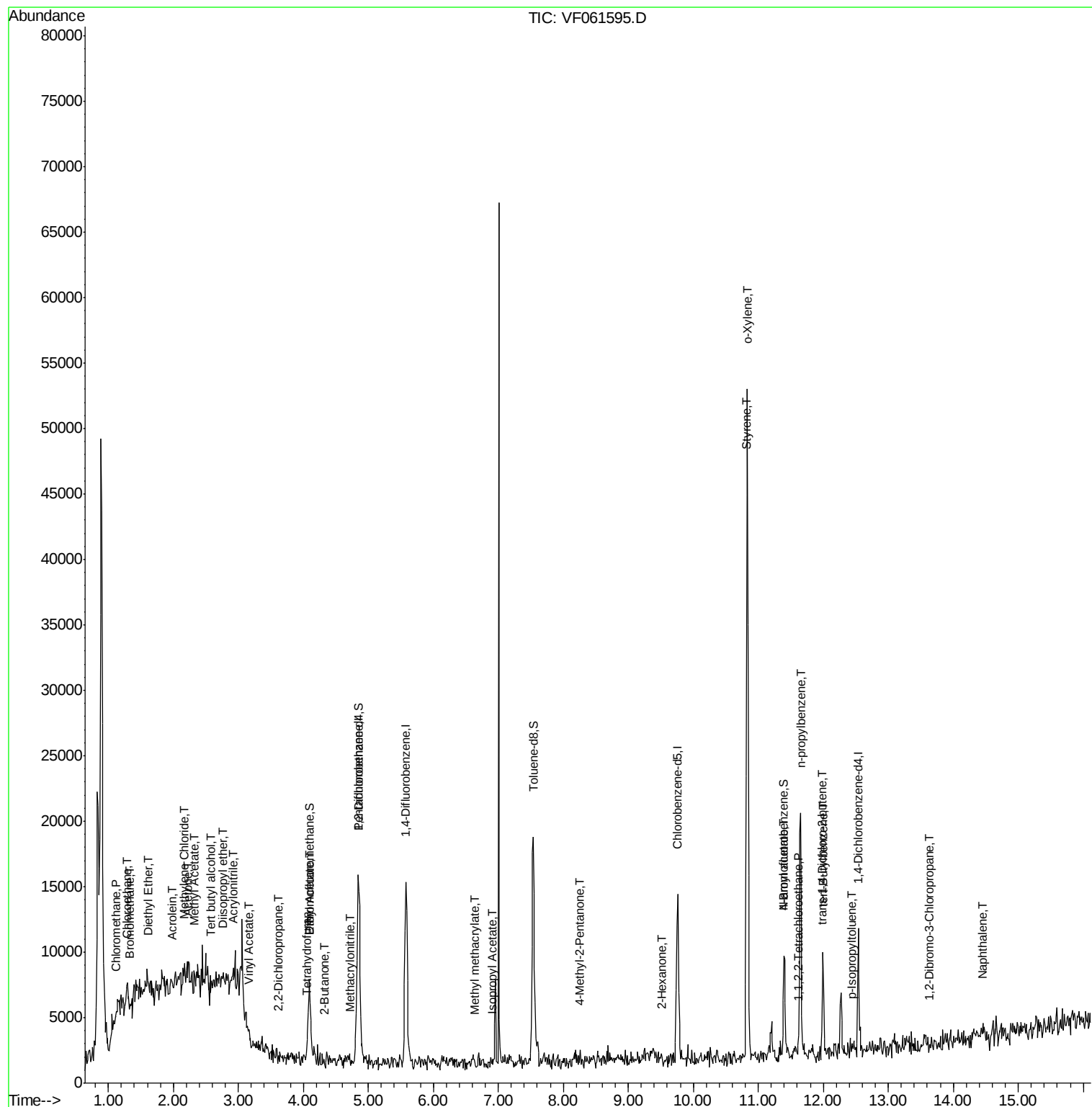
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

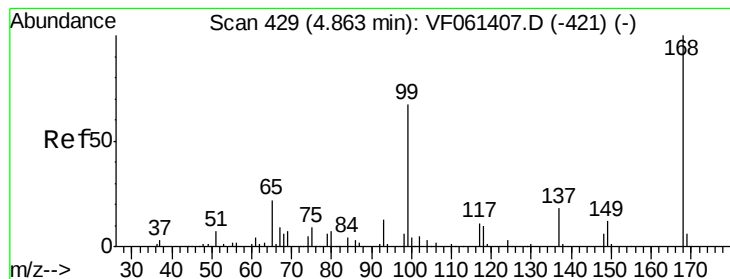
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021119\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Instrument :

MSVOA_F

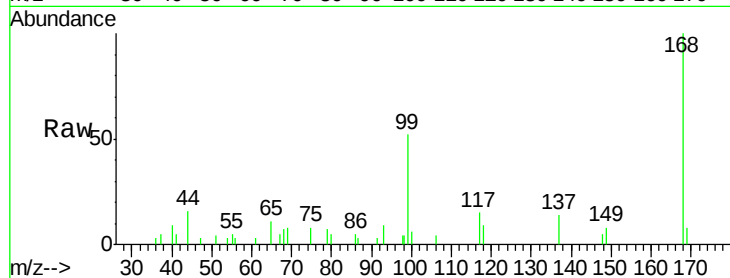
ClientSampleId :

Tot Ion:168 Resp: 11963

Ion Ratio Lower Upper

168 100

99 51.9 53.5 80.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

4000

3000

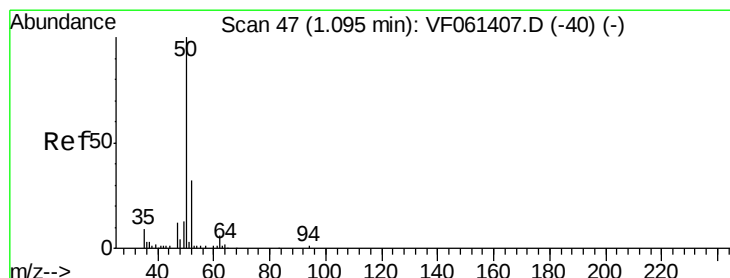
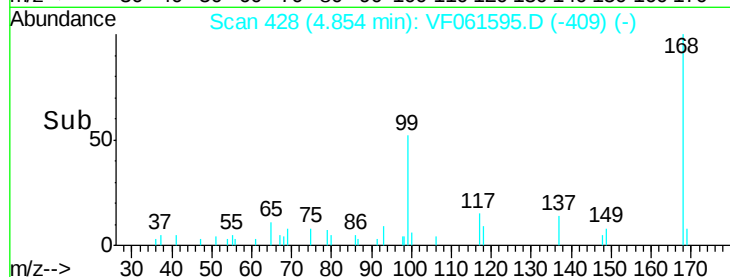
2000

1000

0

4.80 4.90 5.00

Time-->



#3

Chloromethane

Concen: 1.004 ug/l

RT: 1.11 min Scan# 48

Delta R.T. 0.01 min

Lab File: VF061595.D

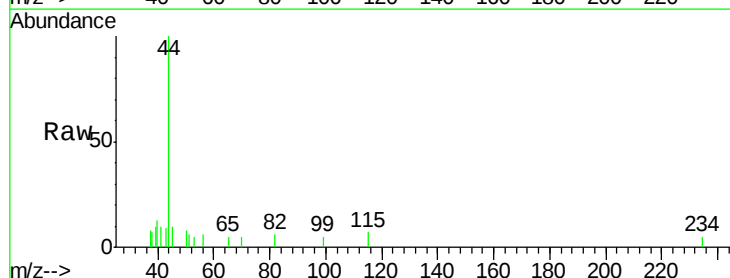
Acq: 11 Feb 2019 19:34

Tgt Ion: 50 Resp: 173

Ion Ratio Lower Upper

50 100

52 0.0 24.6 36.8#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.11

200

150

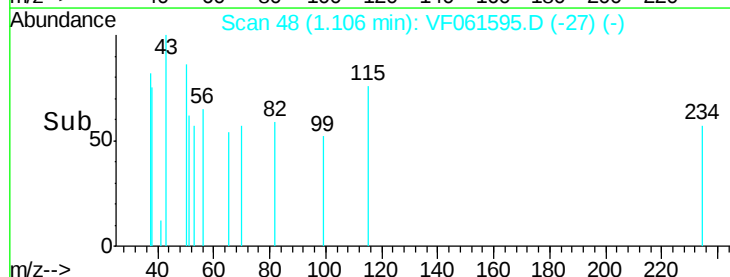
100

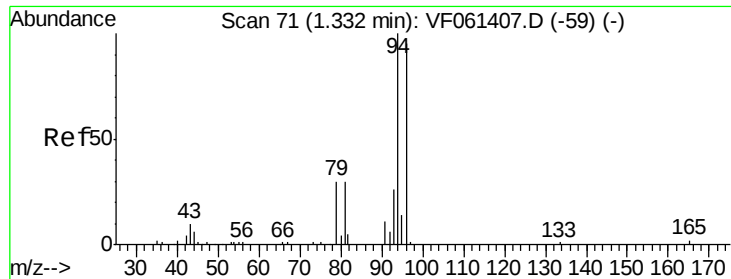
50

0

1.08 1.10 1.12

Time-->





#5

Bromomethane

Concen: 1.520 ug/l

RT: 1.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

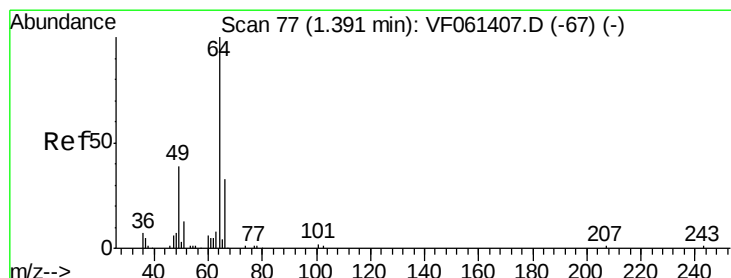
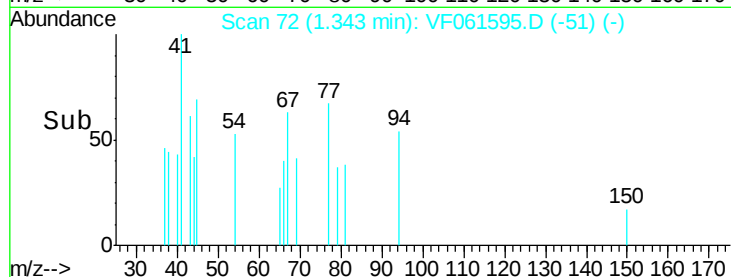
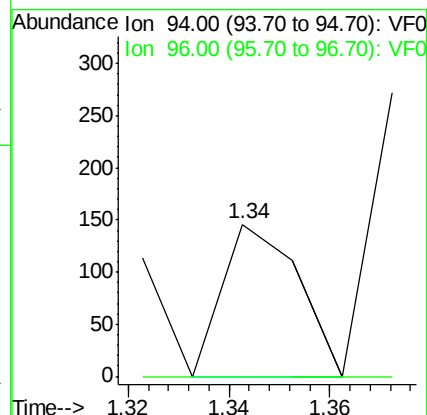
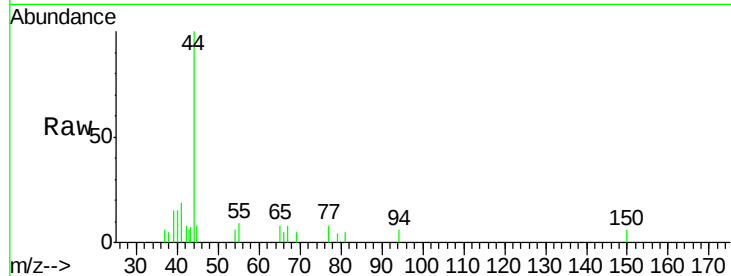
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 94 Resp: 152

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: 1.178 ug/l

RT: 1.29 min Scan# 67

Delta R.T. -0.10 min

Lab File: VF061595.D

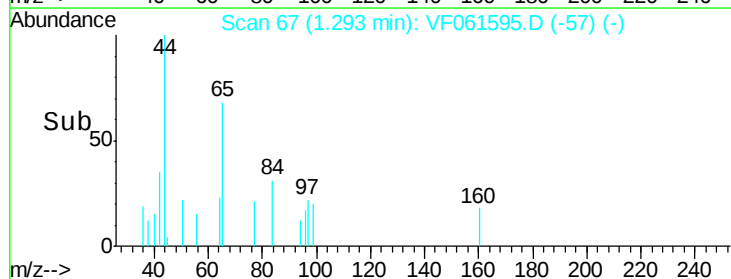
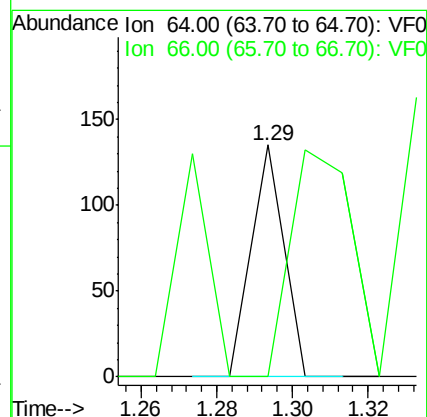
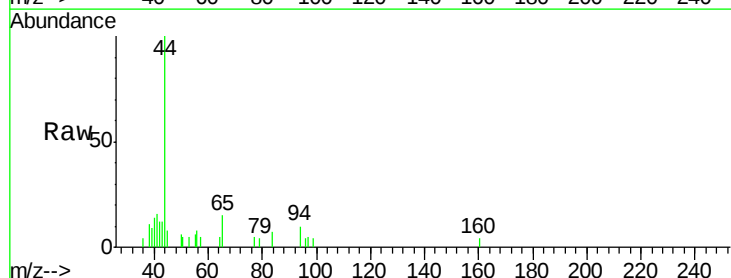
Acq: 11 Feb 2019 19:34

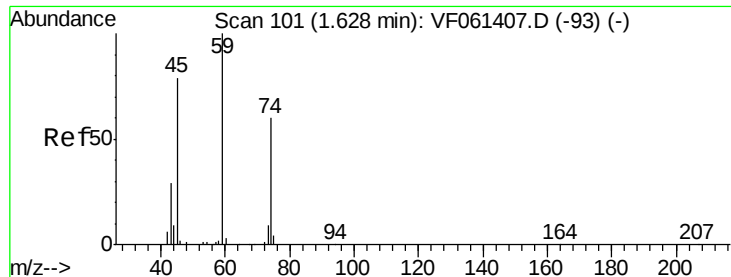
Tgt Ion: 64 Resp: 80

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#





#8

Diethyl Ether

Concen: 3.640 ug/l

RT: 1.62 min Scan# 100

Delta R.T. -0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

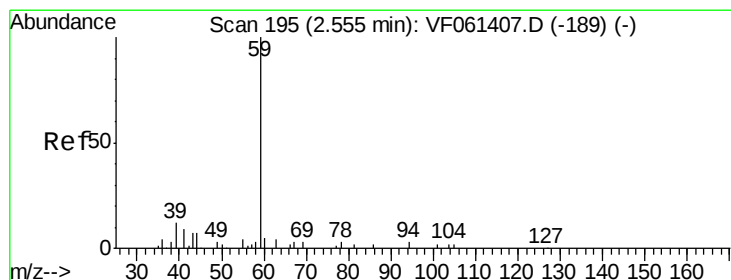
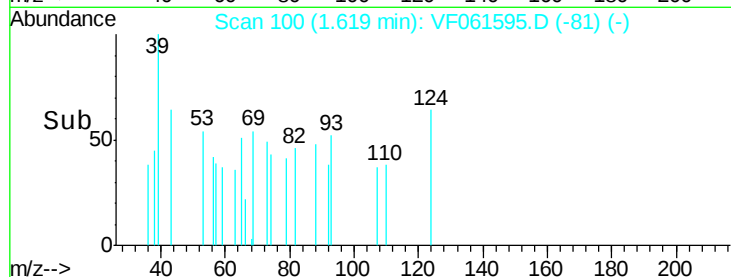
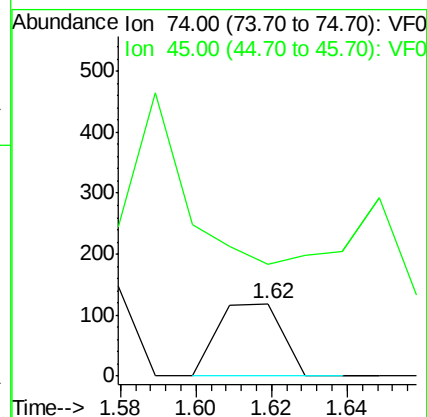
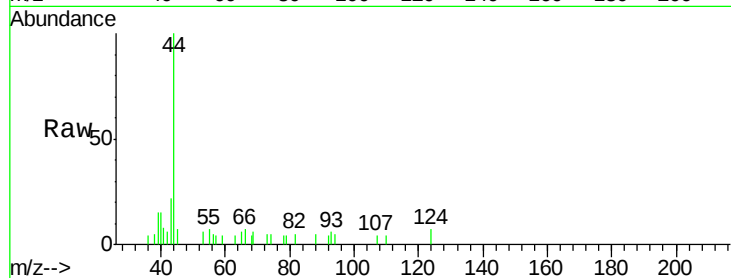
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 74 Resp: 139

Ion Ratio Lower Upper

74 100

45 153.8 65.8 197.5



#11

Tert butyl alcohol

Concen: 14.876 ug/l

RT: 2.59 min Scan# 198

Delta R.T. 0.03 min

Lab File: VF061595.D

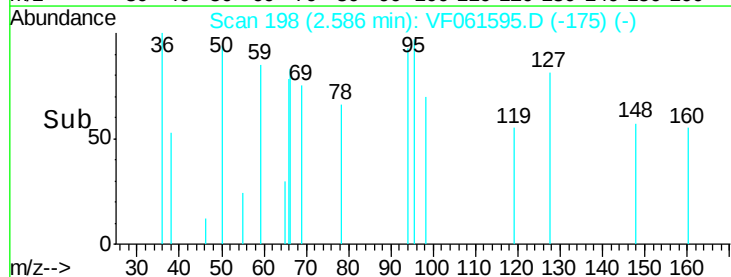
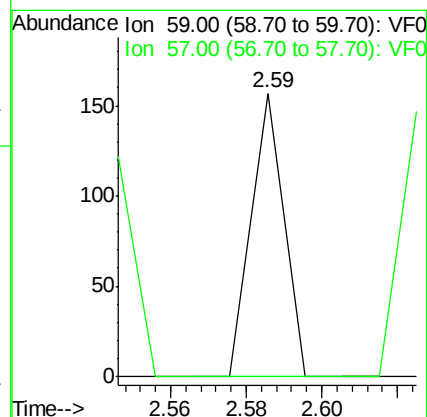
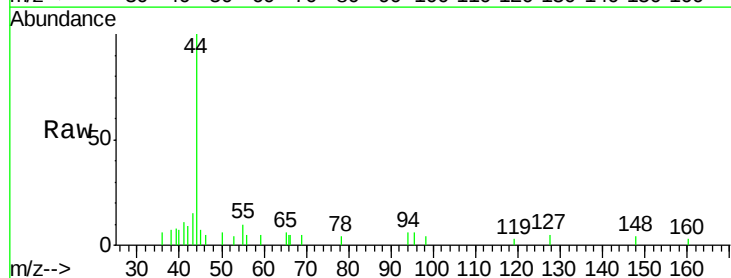
Acq: 11 Feb 2019 19:34

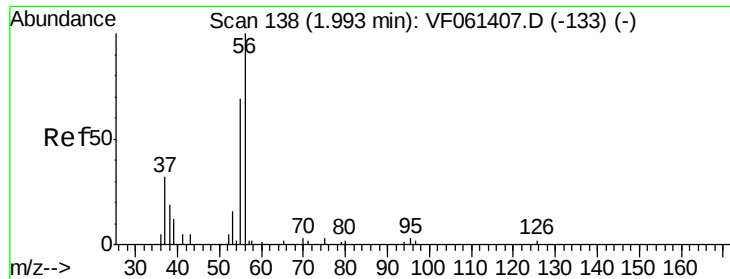
Tgt Ion: 59 Resp: 93

Ion Ratio Lower Upper

59 100

57 0.0 11.9 17.9#





#13

Acrolein

Concen: 33.480 ug/l

RT: 1.99 min Scan# 138

Delta R.T. 0.00 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

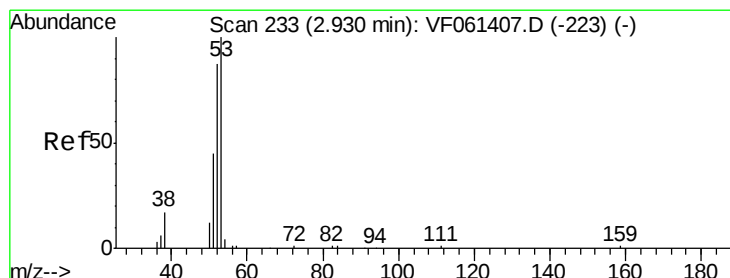
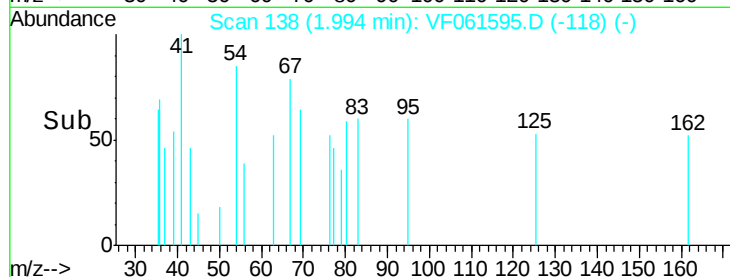
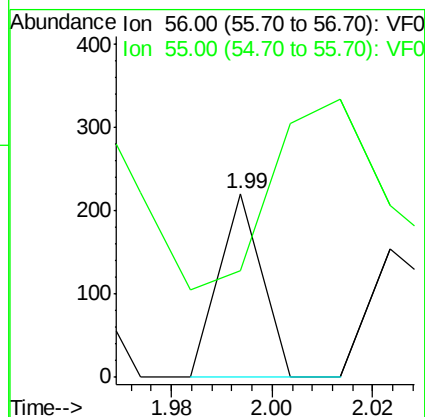
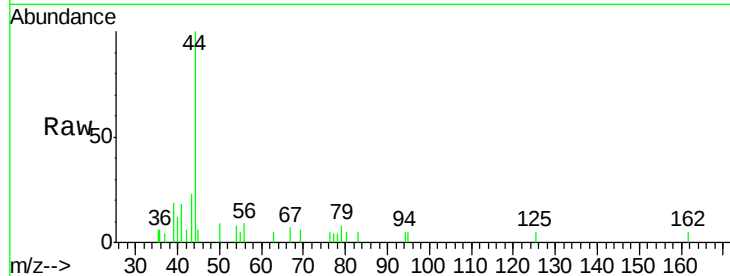
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 130

Ion Ratio Lower Upper

56 100

55 57.7 57.5 86.3



#15

Acrylonitrile

Concen: 10.990 ug/l

RT: 2.93 min Scan# 233

Delta R.T. 0.00 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

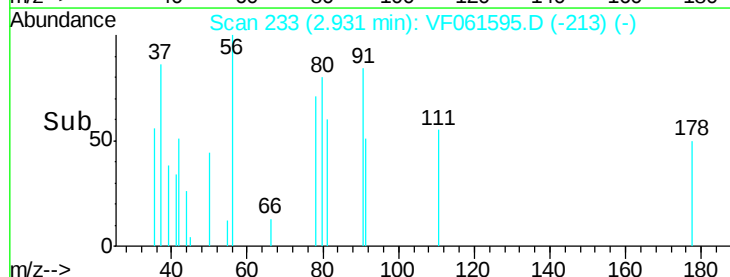
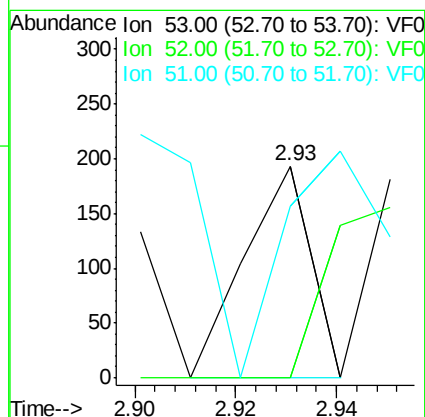
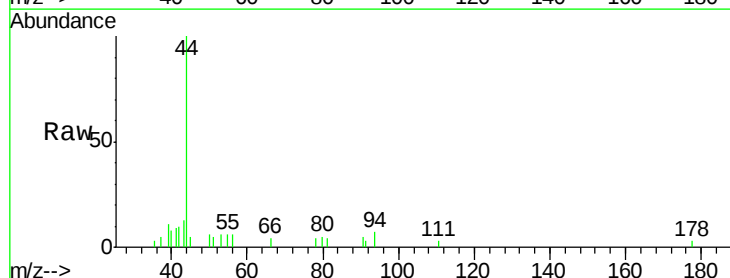
Tgt Ion: 53 Resp: 176

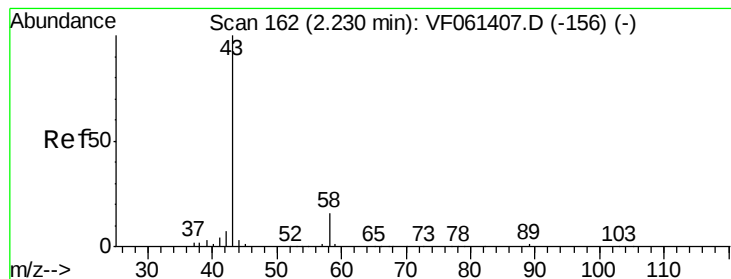
Ion Ratio Lower Upper

53 100

52 0.0 69.6 104.4#

51 81.3 36.8 55.2#





#16

Acetone

Concen: 88.626 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

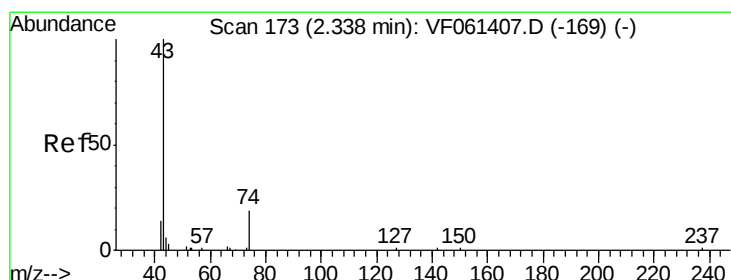
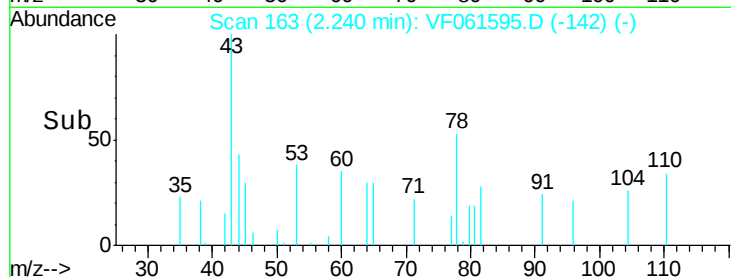
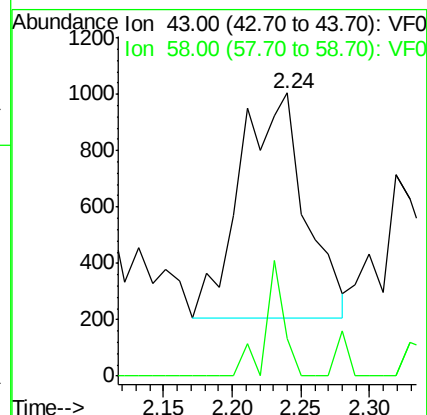
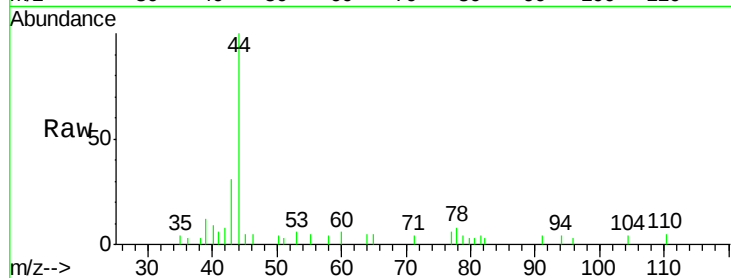
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 2626

Ion Ratio Lower Upper

43 100

58 13.2 13.3 19.9#



#18

Methyl Acetate

Concen: 10.670 ug/l

RT: 2.32 min Scan# 171

Delta R.T. -0.02 min

Lab File: VF061595.D

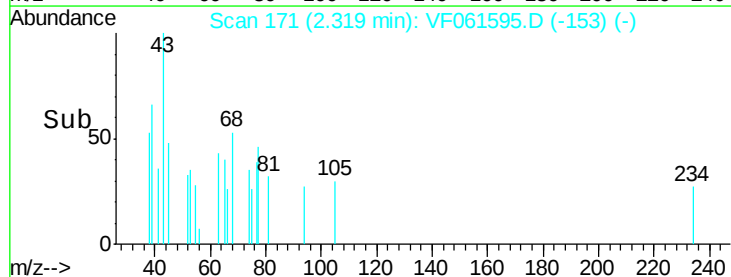
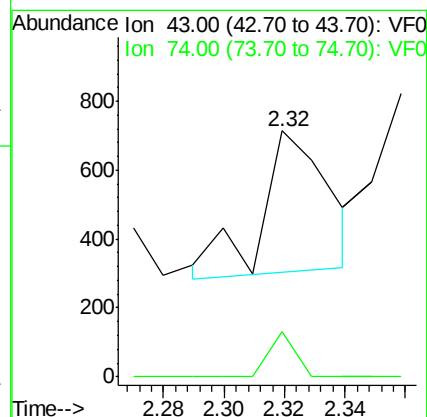
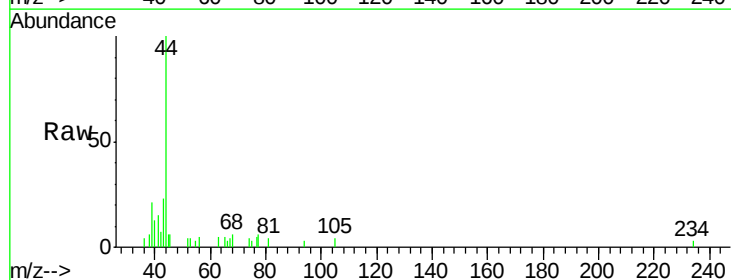
Acq: 11 Feb 2019 19:34

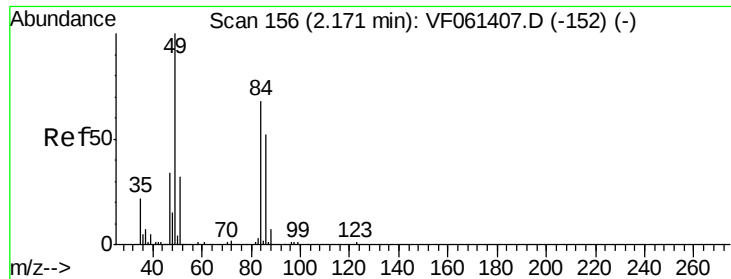
Tgt Ion: 43 Resp: 627

Ion Ratio Lower Upper

43 100

74 18.7 13.4 20.0

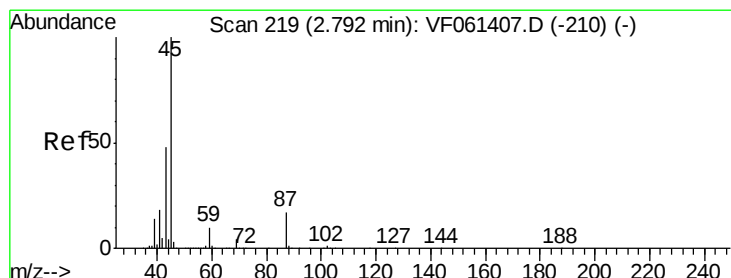
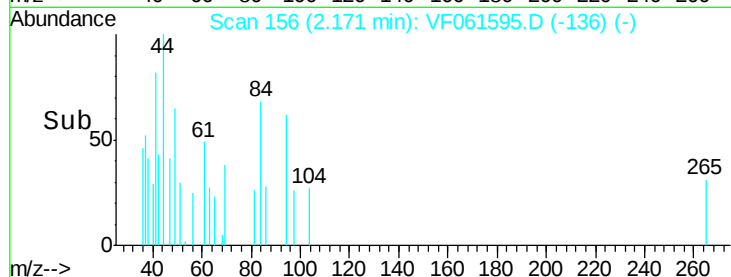
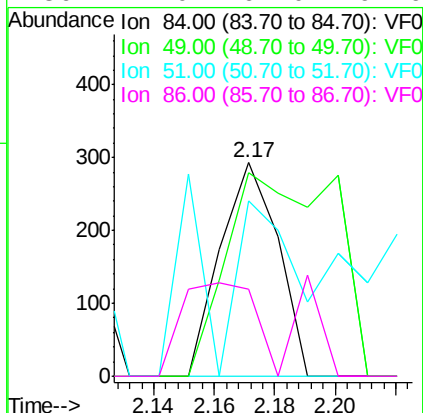
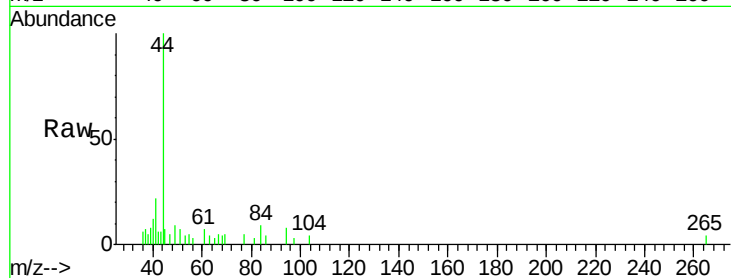




#20
Methvlene Chloride
Concen: 2.187 ug/l
RT: 2.17 min Scan# 156
Delta R.T. 0.00 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

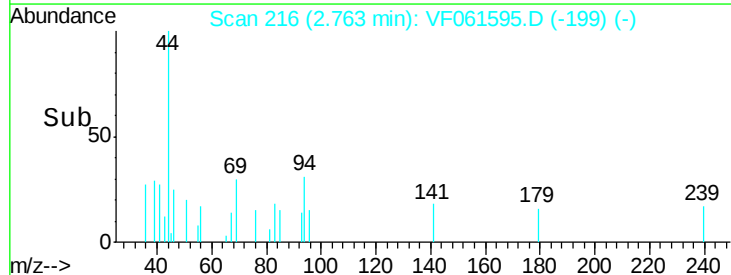
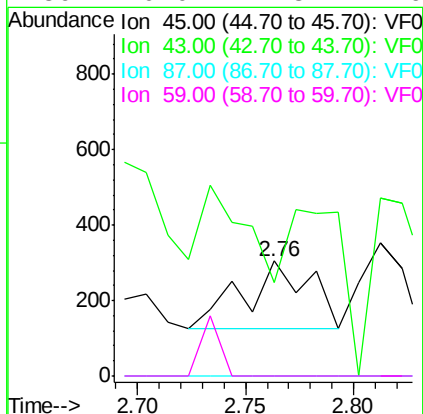
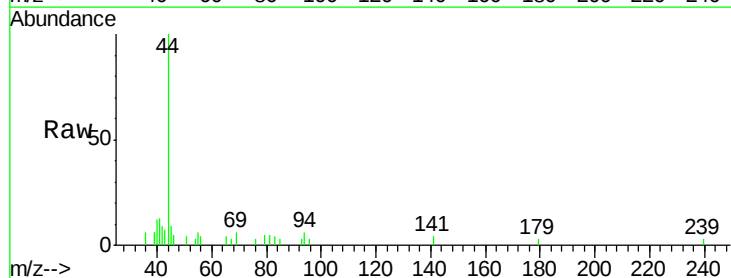
Instrument :
MSVOA_F
ClientSampleId :

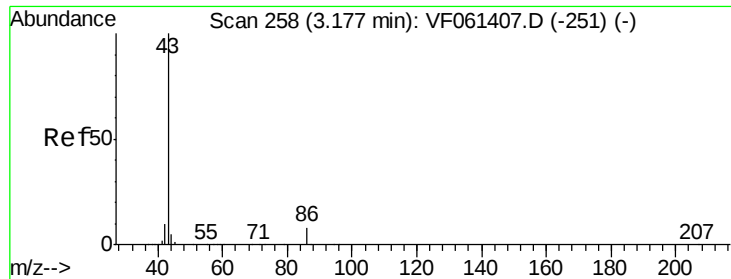
Tot Ion: 84 Resp: 389
Ion Ratio Lower Upper
84 100
49 95.6 120.0 180.0#
51 81.9 38.6 58.0#
86 41.0 61.0 91.6#



#22
Diisopropyl ether
Concen: 1.017 ug/l
RT: 2.76 min Scan# 216
Delta R.T. -0.03 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

Tgt Ion: 45 Resp: 385
Ion Ratio Lower Upper
45 100
43 81.3 39.0 58.6#
87 0.0 13.9 20.9#
59 0.0 7.8 11.6#





#23

Vinyl Acetate

Concen: 8.262 ug/l

RT: 3.16 min Scan# 256

Delta R.T. -0.02 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Instrument :

MSVOA_F

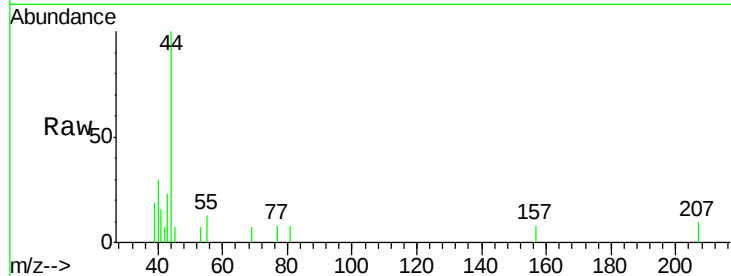
ClientSampled :

Tot Ion: 43 Resp: 855

Ion Ratio Lower Upper

43 100

86 0.0 6.2 9.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

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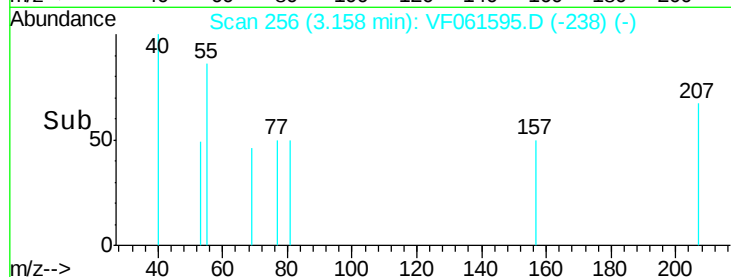
3.16

3.16

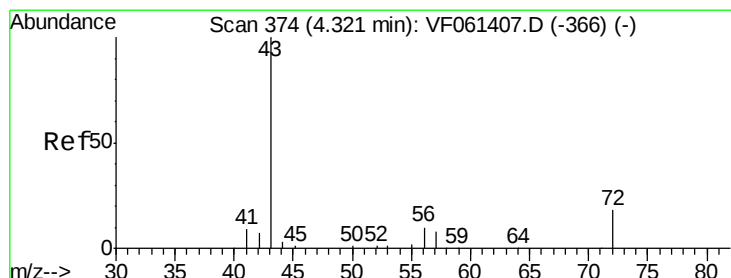
3.16

3.16

3.16



Time-->



#25

2-Butanone

Concen: 9.559 ug/l

RT: 4.31 min Scan# 373

Delta R.T. -0.01 min

Lab File: VF061595.D

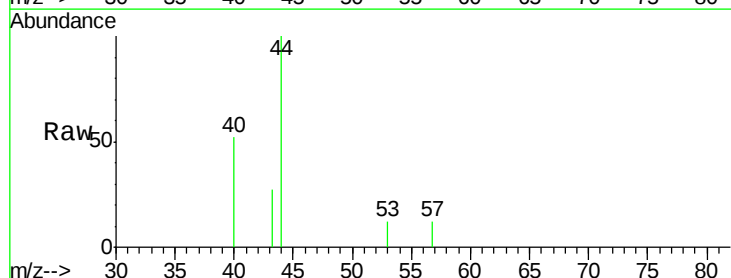
Acq: 11 Feb 2019 19:34

Tgt Ion: 43 Resp: 471

Ion Ratio Lower Upper

43 100

72 0.0 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.31

4.31

4.31

4.31

4.31

4.31

4.31

4.31

4.31

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4.31

4.31

4.31

4.31

4.31

4.31

4.31

4.31

4.31

4.31

4.31

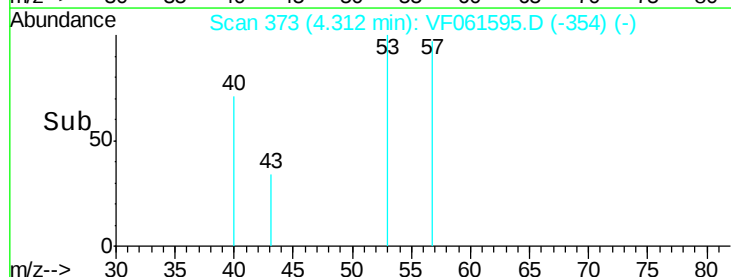
4.31

4.31

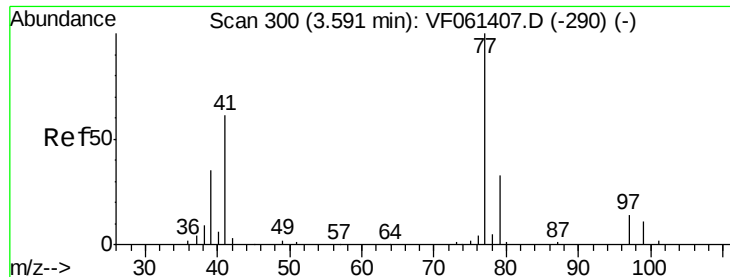
4.31

4.31

4.31



Time-->



#26

2,2-Dichloropropane

Concen: 1.425 ug/l

RT: 3.61 min Scan# 302

Delta R.T. 0.02 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Instrument :

MSVOA_F

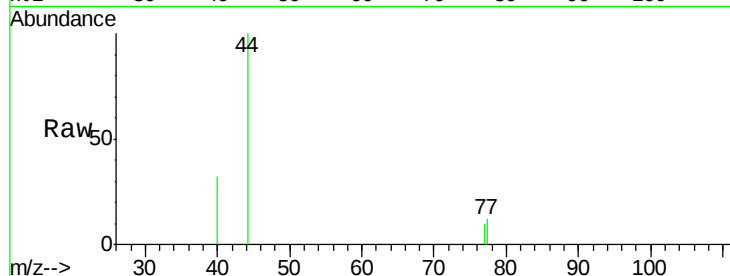
ClientSampled :

Tot Ion: 77 Resp: 208

Ion Ratio Lower Upper

77 100

97 0.0 8.5 25.5#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.61

200

150

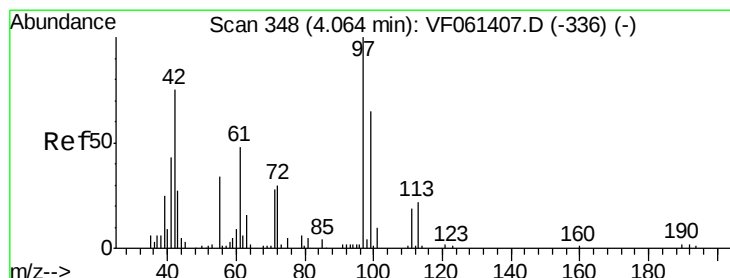
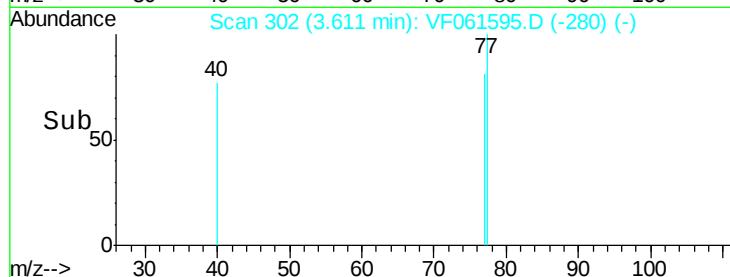
100

50

0

3.56 3.58 3.60 3.62 3.64

Time-->



#29

Tetrahydrofuran

Concen: 6.504 ug/l

RT: 4.05 min Scan# 346

Delta R.T. -0.02 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

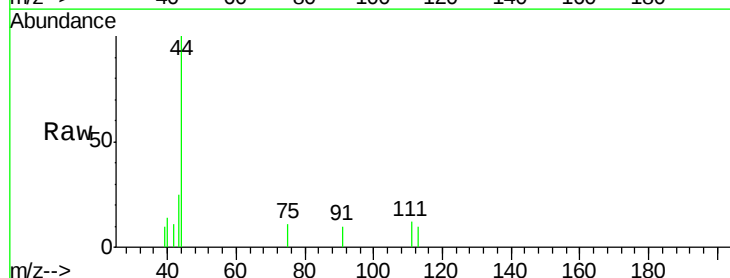
Tgt Ion: 42 Resp: 138

Ion Ratio Lower Upper

42 100

72 0.0 28.9 43.3#

71 0.0 29.6 44.4#



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

150

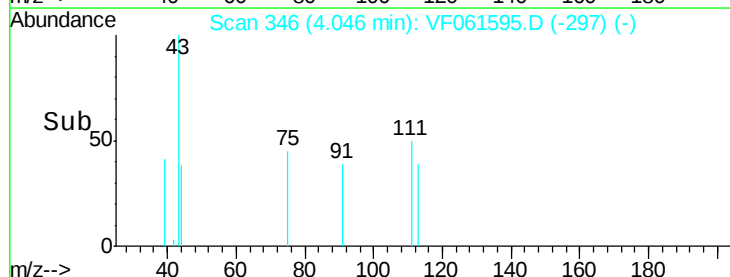
100

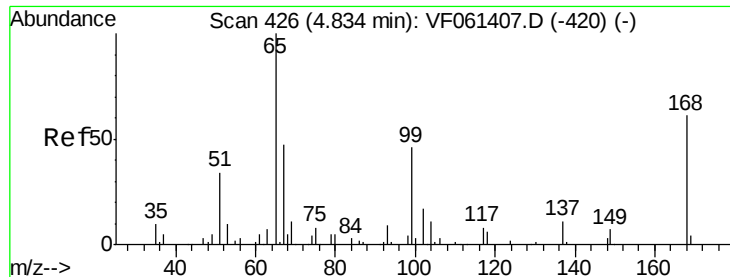
50

0

4.00 4.02 4.04 4.06 4.08

Time-->





#33

1,2-Dichloroethane-d4

Concen: 22.140 ug/l

RT: 4.83 min Scan# 426

Delta R.T. 0.00 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

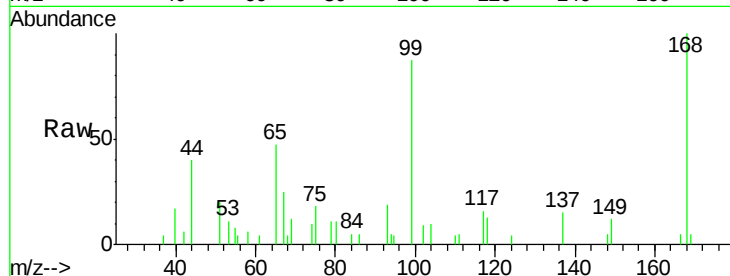
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 65 Resp: 3270

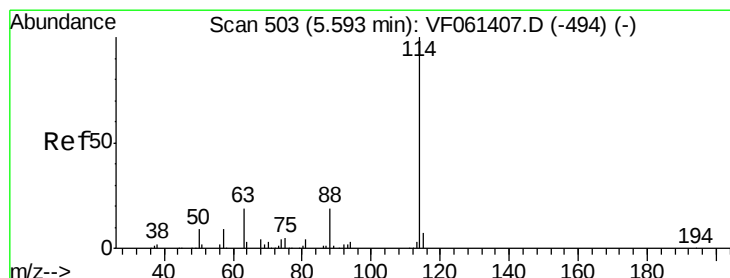
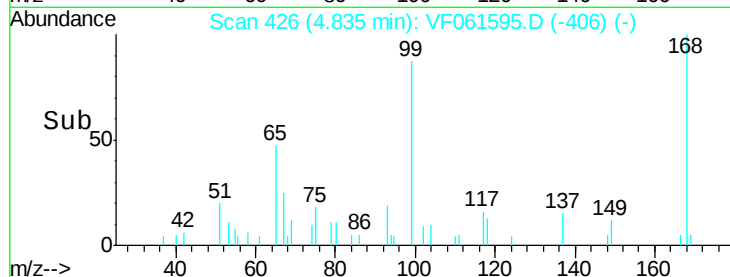
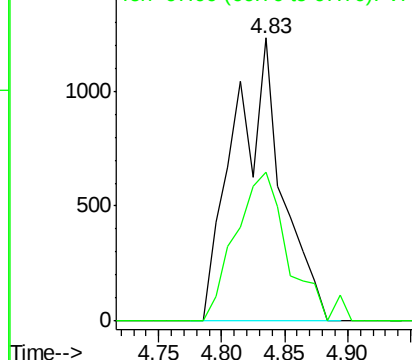
Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.02 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

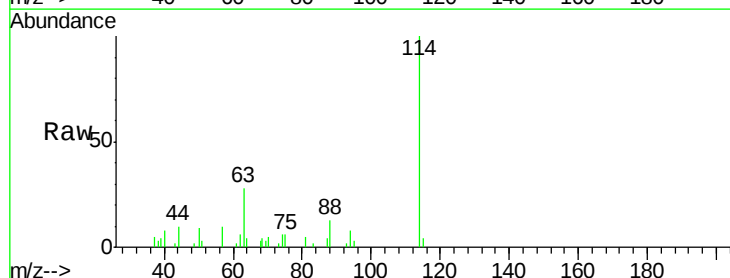
Tgt Ion: 114 Resp: 17338

Ion Ratio Lower Upper

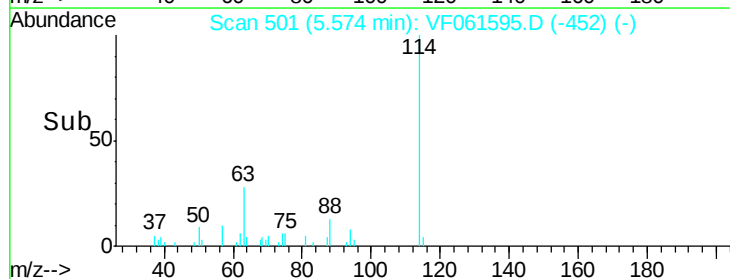
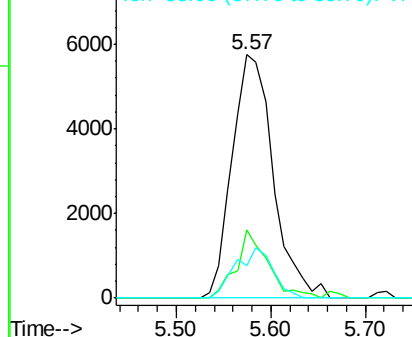
114 100

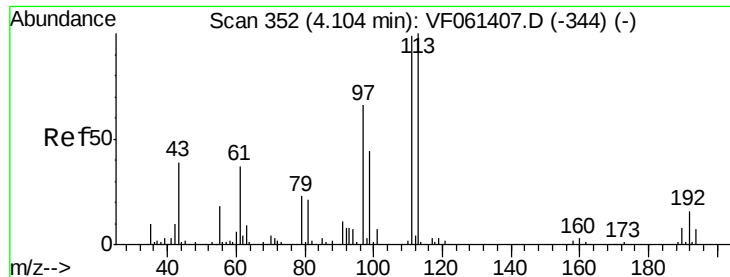
63 27.8 0.0 39.0

88 13.2 0.0 37.4



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: 37.497 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :

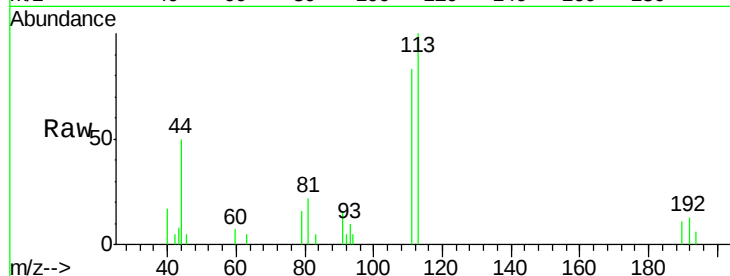
Tot Ion:113 Resp: 5130

Ion Ratio Lower Upper

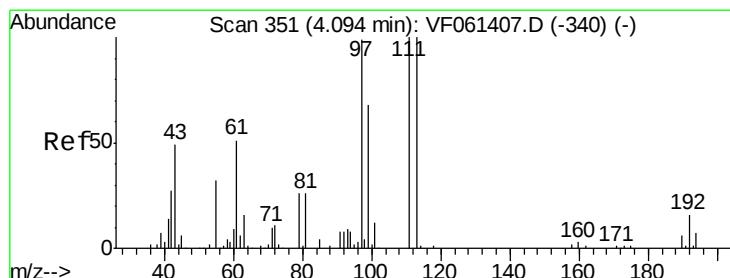
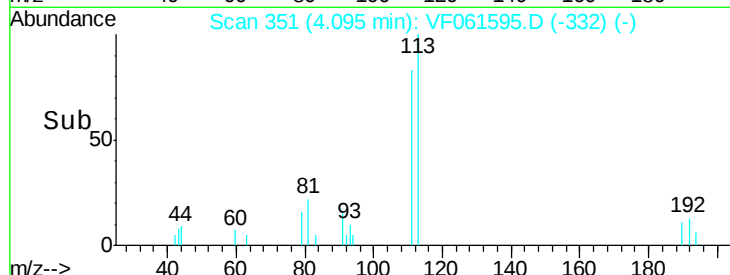
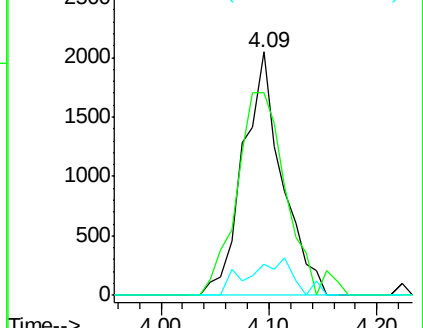
113 100

111 83.4 79.4 119.0

192 12.7 12.4 18.6



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: 2.215 ug/l

RT: 4.09 min Scan# 351

Delta R.T. 0.00 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

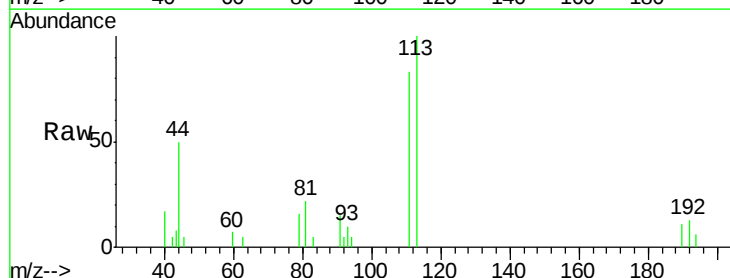
Tgt Ion: 43 Resp: 178

Ion Ratio Lower Upper

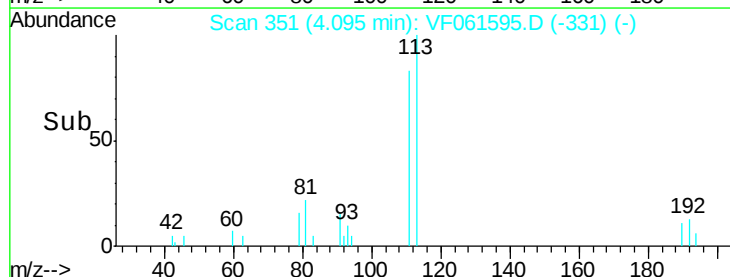
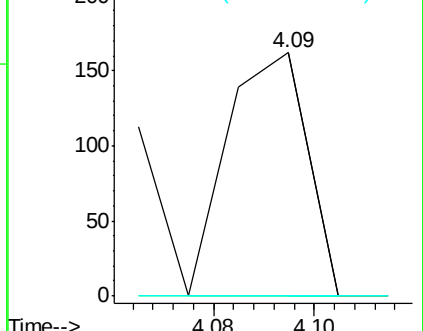
43 100

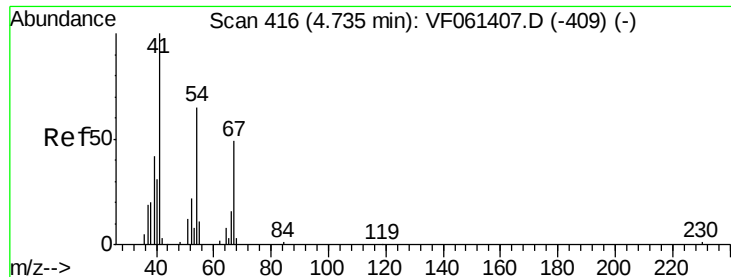
61 0.0 81.7 122.5#

70 0.0 6.2 9.2#



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: 1.684 ug/l

RT: 4.73 min Scan# 415

Delta R.T. -0.01 min

Lab File: VF061595.D

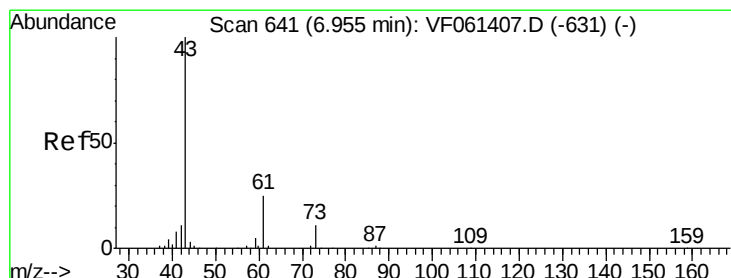
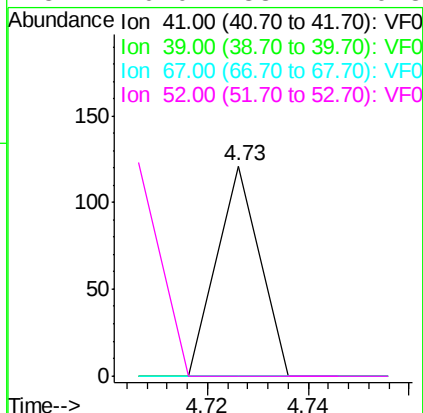
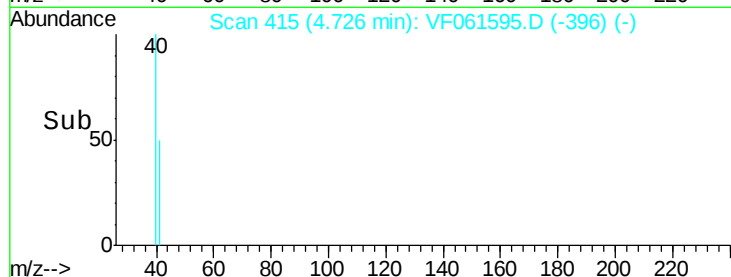
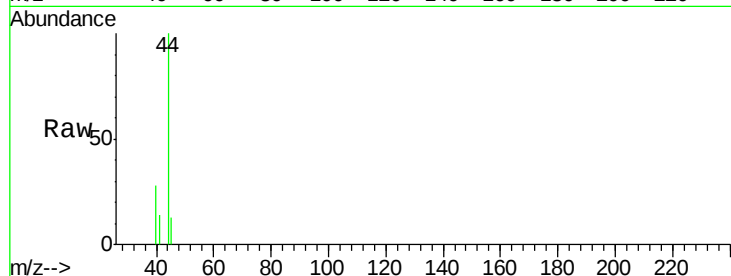
Acq: 11 Feb 2019 19:34

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	41	Resp:	72
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.1	64.7#
67	0.0	38.8	58.2#
52	0.0	33.2	49.8#



#43

Isopropyl Acetate

Concen: 3.391 ug/l

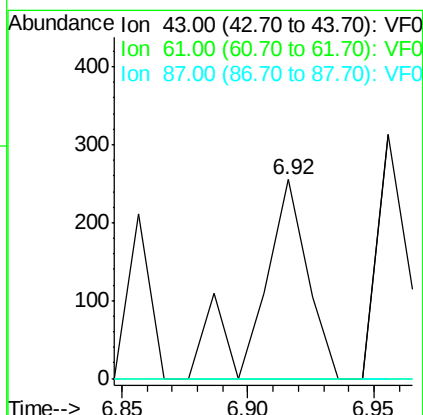
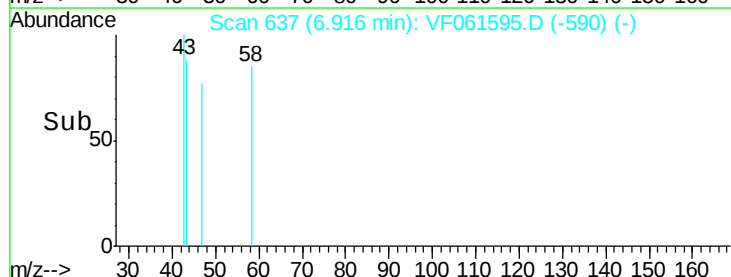
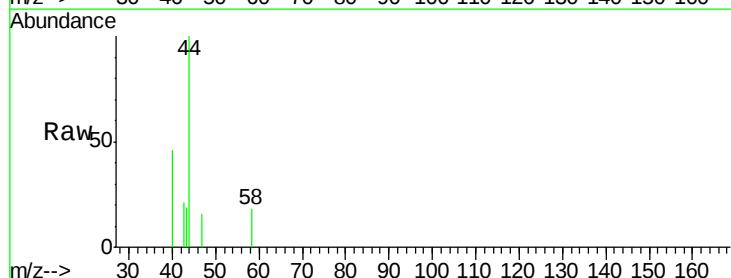
RT: 6.92 min Scan# 637

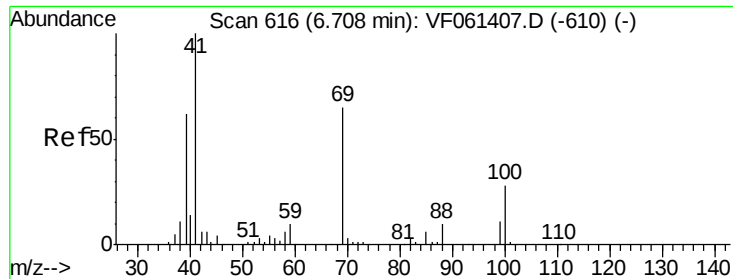
Delta R.T. -0.04 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Tgt Ion:	43	Resp:	342
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.3	30.5#
87	0.0	0.5	0.7#





#48

Methyl methacrylate

Concen: 2.289 ug/l

RT: 6.64 min Scan# 609

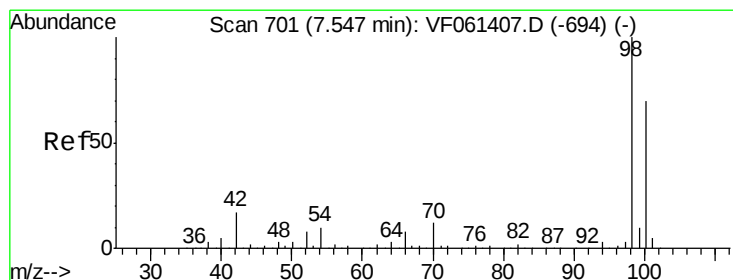
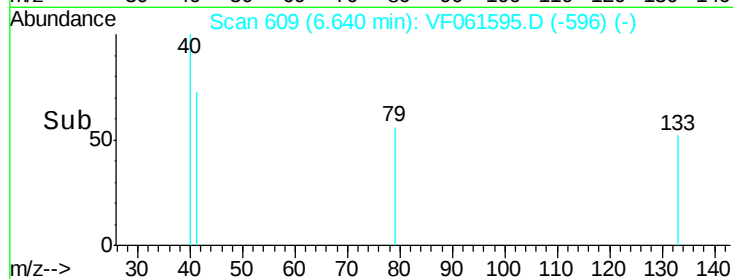
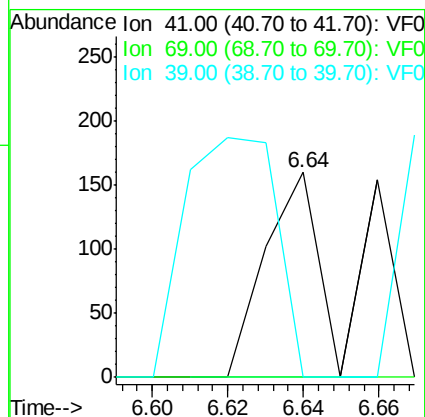
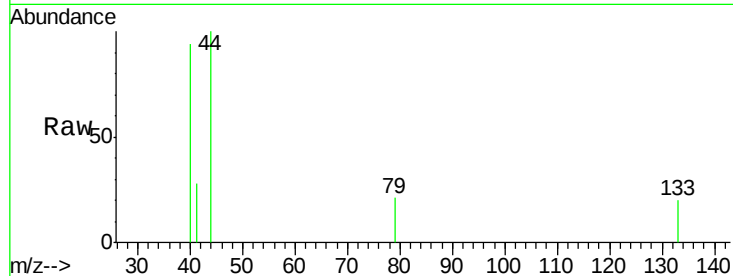
Delta R.T. -0.07 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 41 Resp: 155
Ion Ratio Lower Upper
41 100
69 0.0 51.7 77.5#
39 0.0 49.2 73.8#



#50

Toluene-d8

Concen: 43.504 ug/l

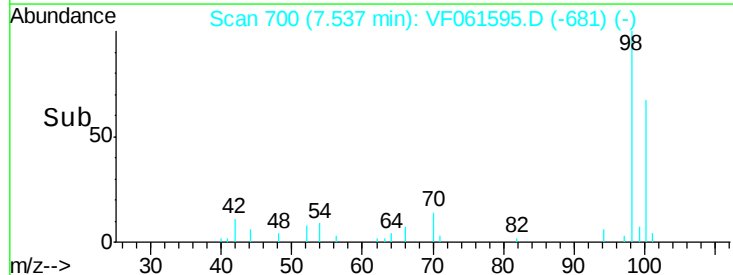
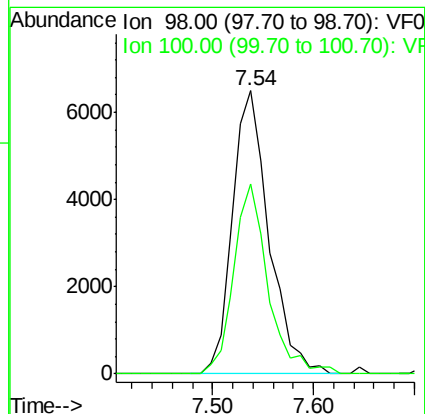
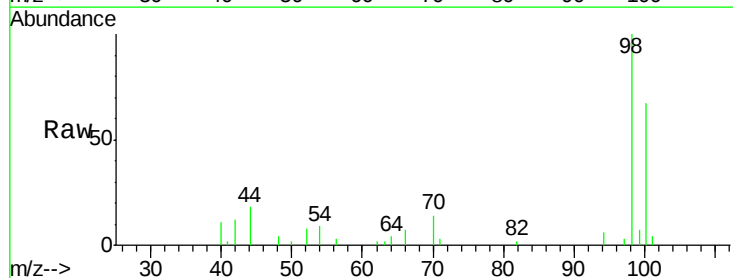
RT: 7.54 min Scan# 700

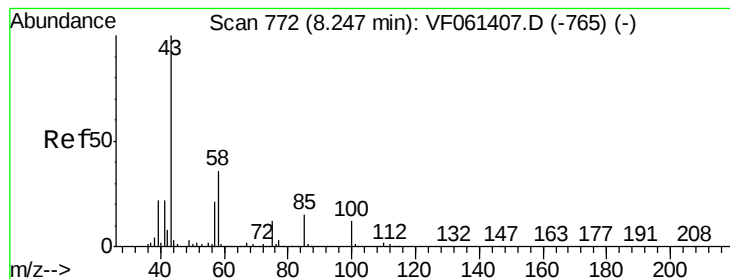
Delta R.T. -0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Tgt Ion: 98 Resp: 16307
Ion Ratio Lower Upper
98 100
100 67.2 55.6 83.4





#51

4-Methyl-2-Pentanone

Concen: 5.908 ug/l

RT: 8.26 min Scan# 773

Delta R.T. 0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Instrument :

MSVOA_F

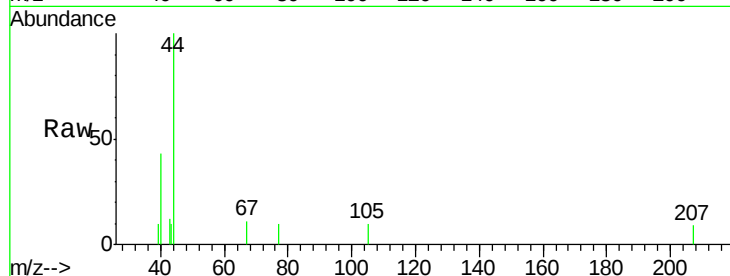
ClientSampleId :

Tot Ion: 43 Resp: 438

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.26

250

200

150

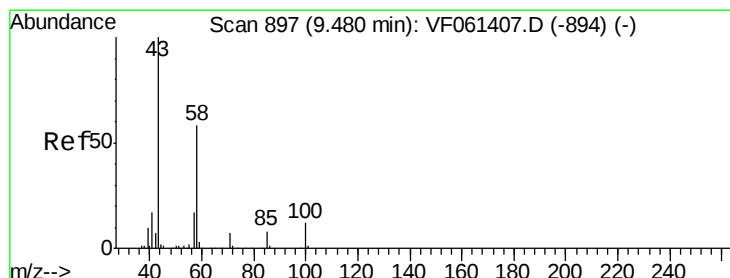
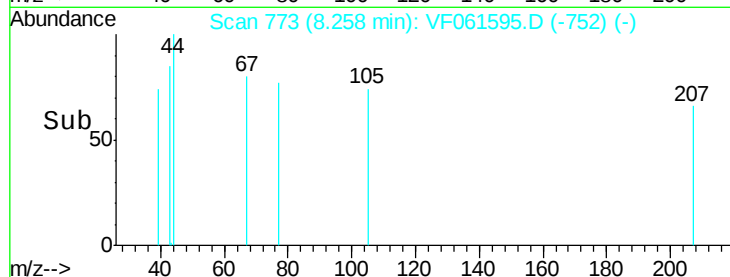
100

50

0

8.20 8.25 8.30

Time-->



#59

2-Hexanone

Concen: 1.934 ug/l

RT: 9.51 min Scan# 900

Delta R.T. 0.03 min

Lab File: VF061595.D

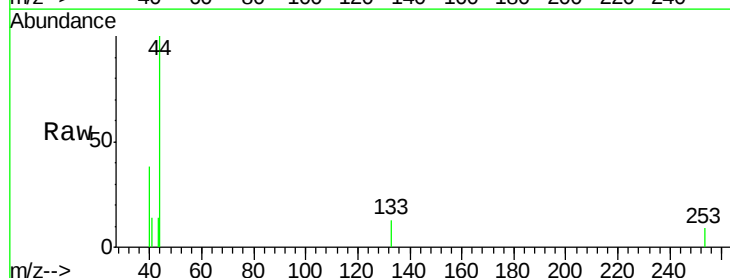
Acq: 11 Feb 2019 19:34

Tgt Ion: 43 Resp: 100

Ion Ratio Lower Upper

43 100

58 0.0 25.9 77.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.51

200

150

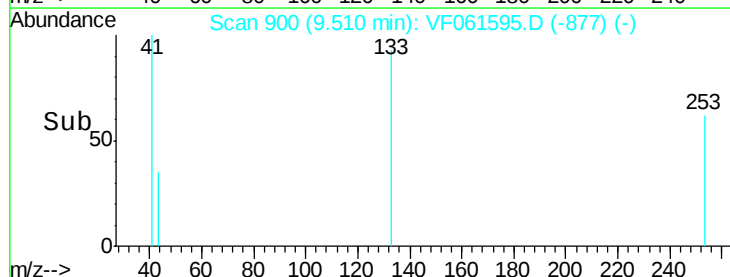
100

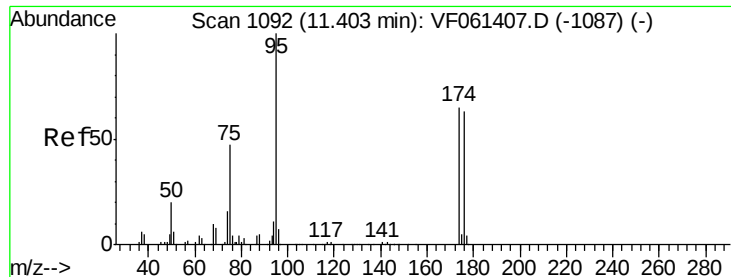
50

0

9.48 9.50 9.52 9.54

Time-->





#62

4-Bromofluorobenzene

Concen: 21.361 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Instrument :

MSVOA_F

ClientSampleId :

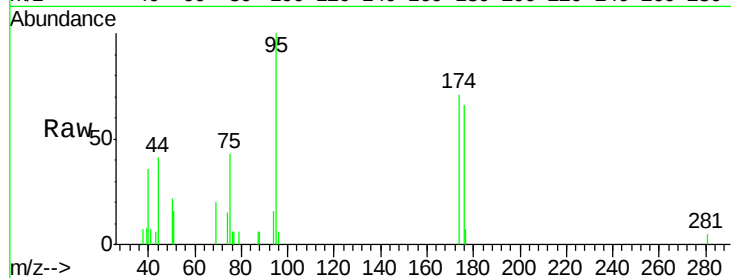
Tot Ion: 95 Resp: 3741

Ion Ratio Lower Upper

95 100

174 71.4 0.0 130.4

176 72.6 0.0 126.2

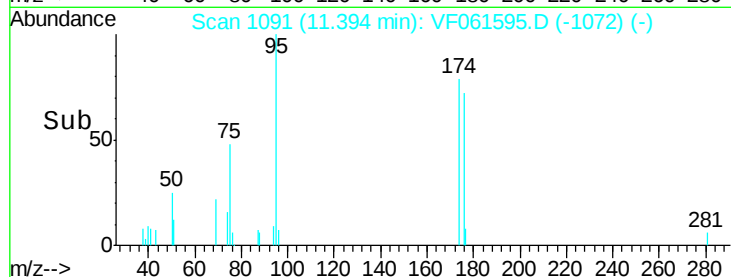


Abundance Ion 95.00 (94.70 to 95.70): VF061407.D (-1087) (-)

Ion 174.00 (173.70 to 174.70): VF061407.D (-1087) (-)

Ion 176.00 (175.70 to 176.70): VF061407.D (-1087) (-)

Time-->



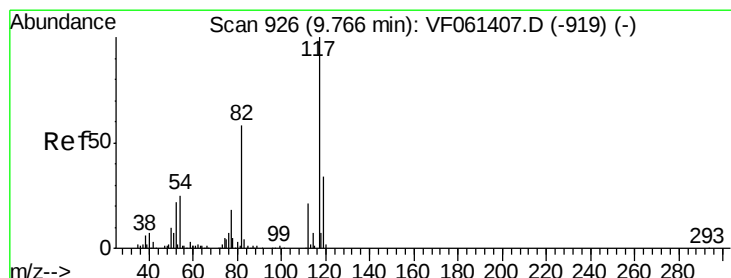
Abundance

Ion 95.00 (94.70 to 95.70): VF061595.D (-1072) (-)

Ion 174.00 (173.70 to 174.70): VF061595.D (-1072) (-)

Ion 176.00 (175.70 to 176.70): VF061595.D (-1072) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 925

Delta R.T. -0.01 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

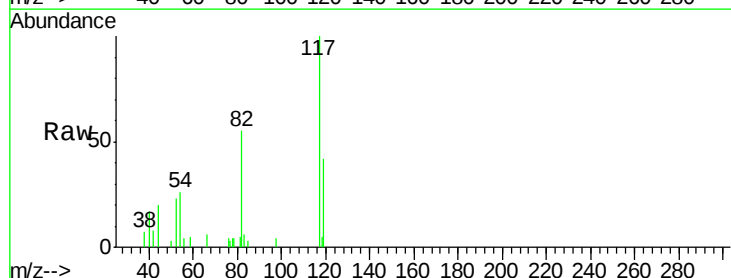
Tgt Ion: 117 Resp: 10162

Ion Ratio Lower Upper

117 100

82 55.0 46.4 69.6

119 42.1 27.2 40.8#

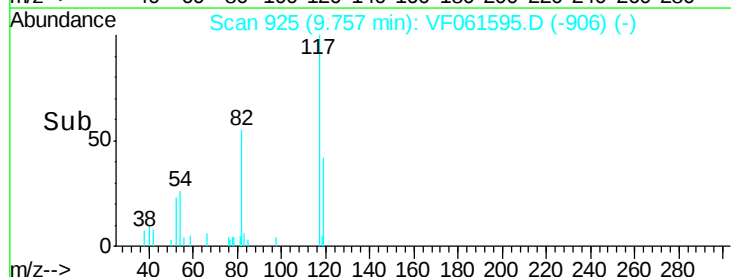


Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

Ion 82.00 (81.70 to 82.70): VF061407.D (-919) (-)

Ion 119.00 (118.70 to 119.70): VF061407.D (-919) (-)

Time-->



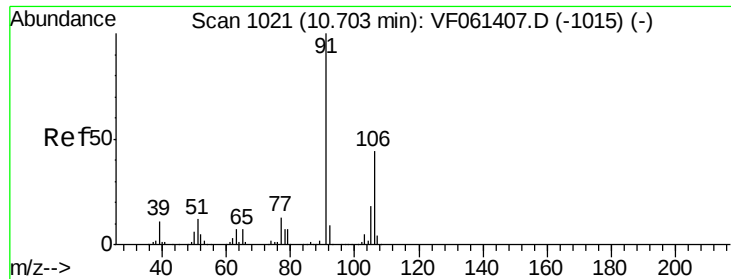
Abundance

Ion 117.00 (116.70 to 117.70): VF061595.D (-906) (-)

Ion 82.00 (81.70 to 82.70): VF061595.D (-906) (-)

Ion 119.00 (118.70 to 119.70): VF061595.D (-906) (-)

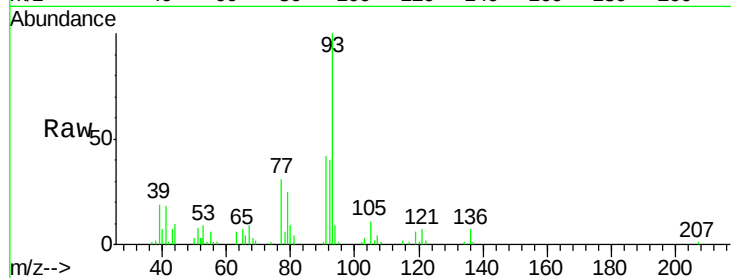
Time-->



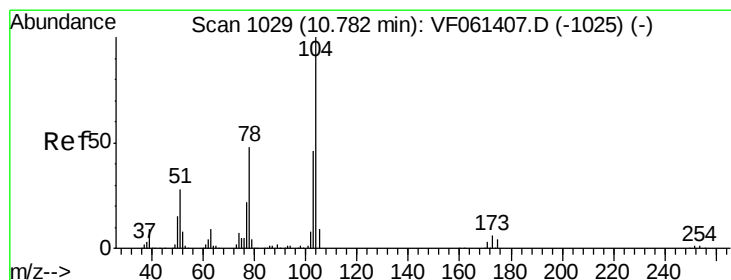
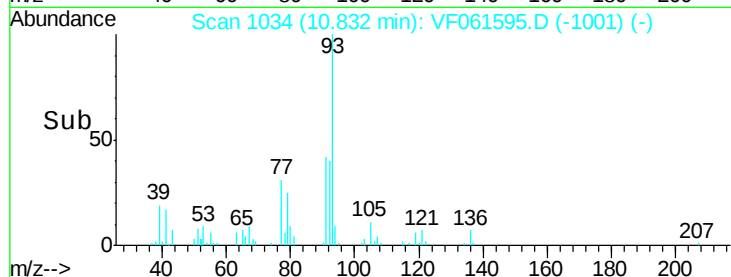
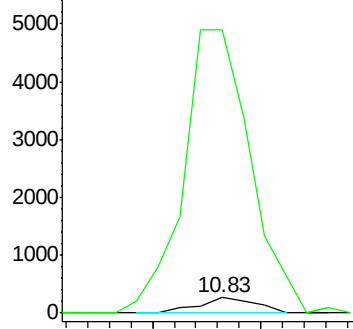
#69
o-Xylene
Concen: 3.363 ug/l
RT: 10.83 min Scan# 1034
Delta R.T. 0.13 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:106 Resp: 495
Ion Ratio Lower Upper
106 100
91 1811.1 113.3 339.8#

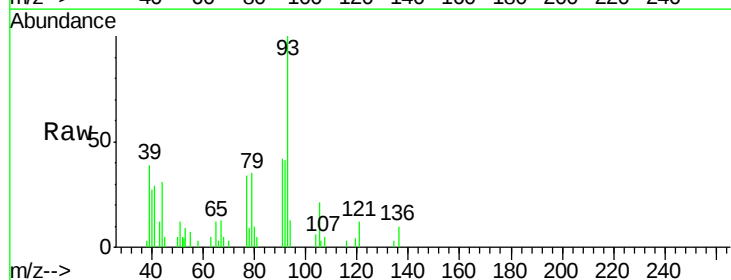


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

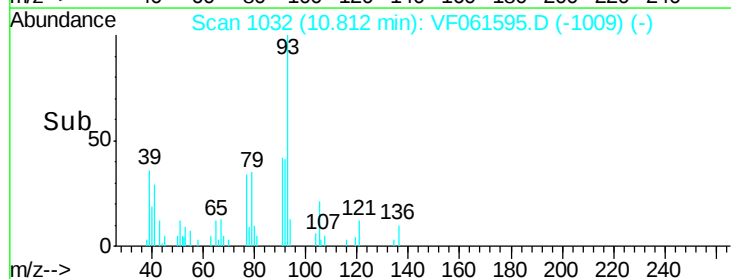
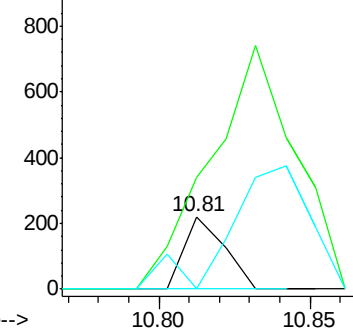


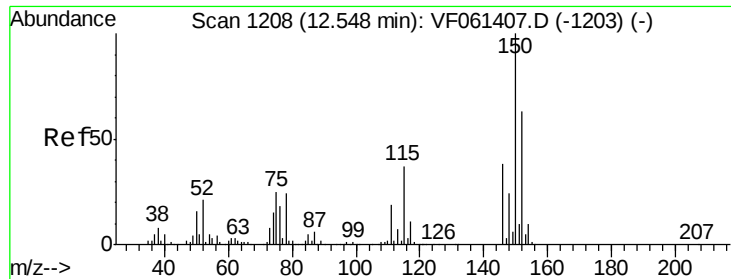
#70
Styrene
Concen: 1.018 ug/l
RT: 10.81 min Scan# 1032
Delta R.T. 0.03 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

Tgt Ion:104 Resp: 205
Ion Ratio Lower Upper
104 100
78 155.0 38.8 58.2#
103 0.0 37.0 55.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VF0
Ion 103.00 (102.70 to 103.70): V



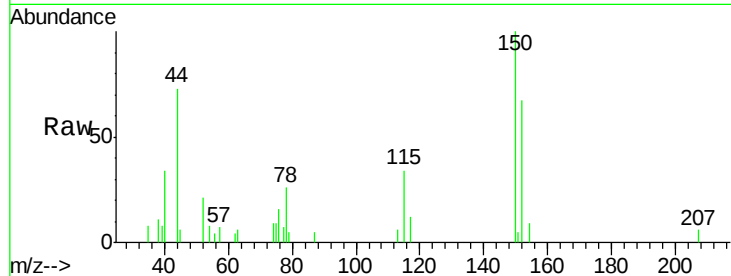


#72

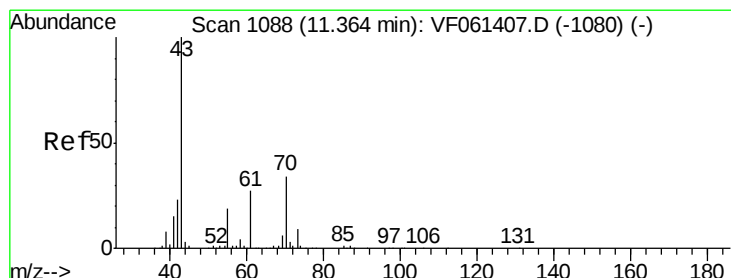
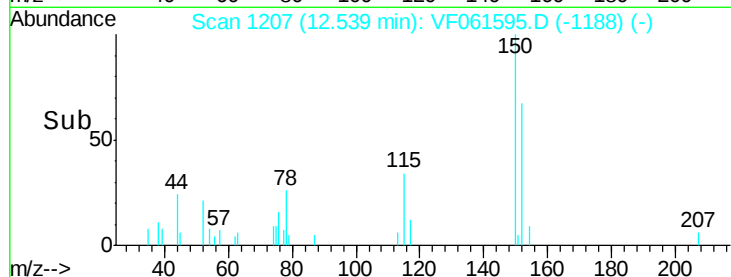
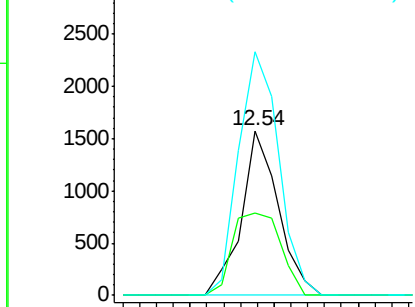
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:152 Resp: 2398
Ion Ratio Lower Upper
152 100
115 49.8 30.0 90.0
150 148.2 0.0 321.4



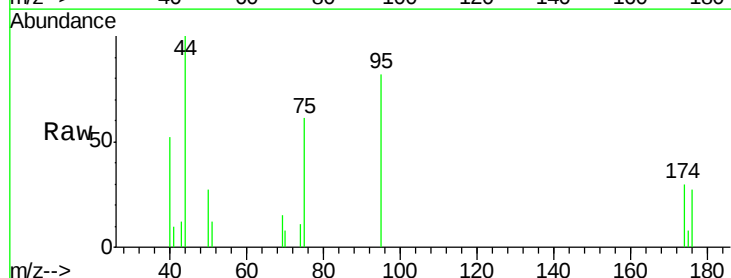
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



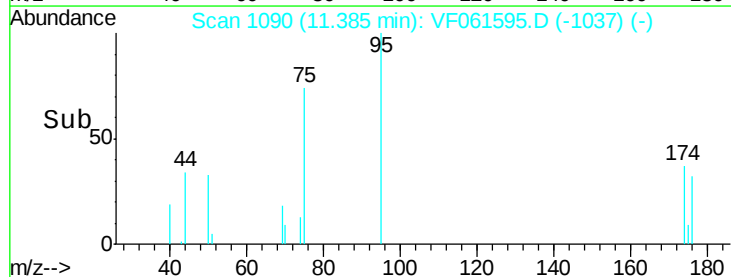
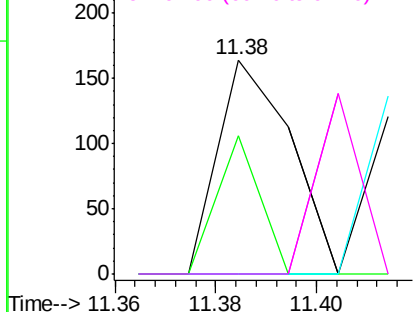
#74

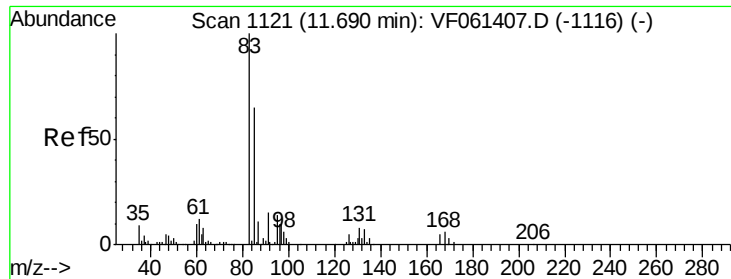
N-ethyl acetate
Concen: 3.556 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

Tgt Ion: 43 Resp: 164
Ion Ratio Lower Upper
43 100
70 64.6 27.6 41.4#
55 0.0 15.4 23.2#
61 0.0 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 70.00 (69.70 to 70.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 2.705 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.09 min

Lab File: VF061595.D

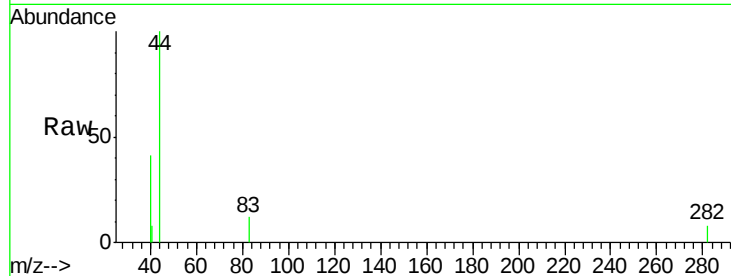
Acq: 11 Feb 2019 19:34

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion	83	Resp	94
Ion Ratio	100		
Lower		4.0	12.2#
Upper		32.7	98.1#

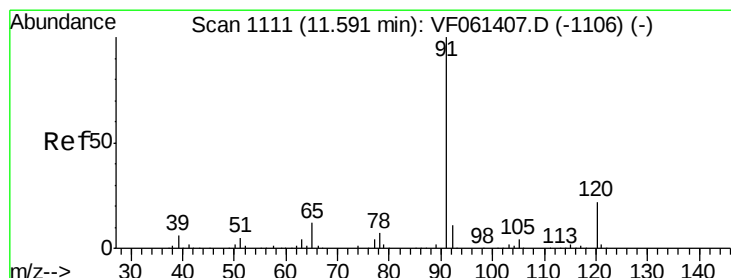
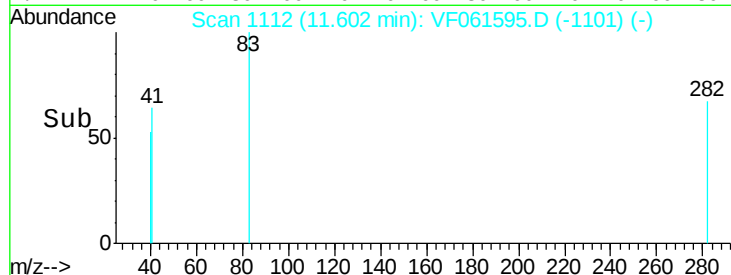
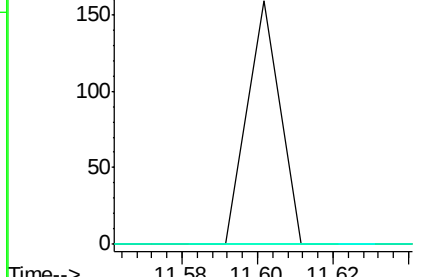


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0

11.60



#78

n-propylbenzene

Concen: 9.638 ug/l

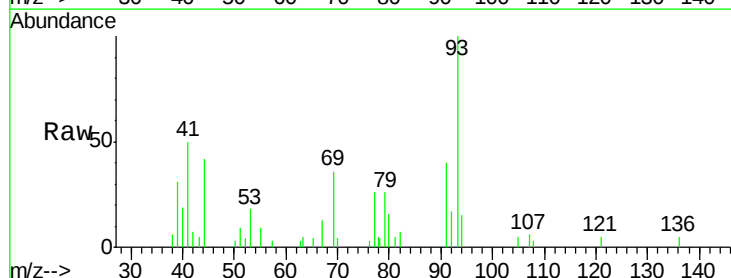
RT: 11.64 min Scan# 1116

Delta R.T. 0.05 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

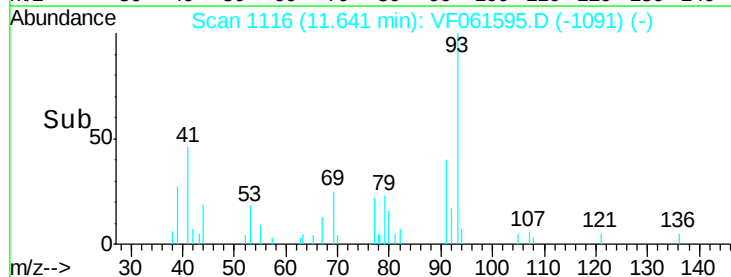
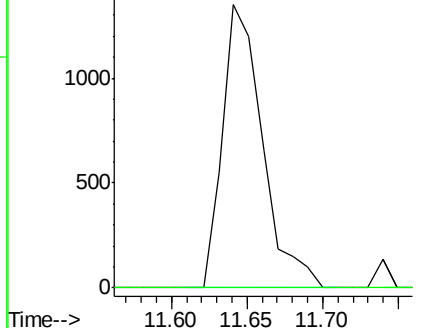
Tgt Ion	91	Resp	2479
Ion Ratio	100		
Lower		10.9	32.6#
Upper			

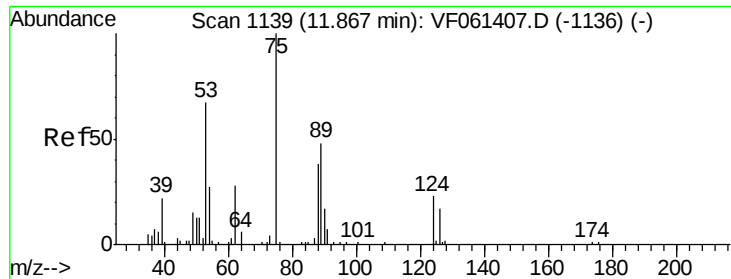


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

11.64





#81

trans-1,4-Dichloro-2-butene

Concen: 6.726 ug/l

RT: 11.98 min Scan# 1150

Delta R.T. 0.11 min

Lab File: VF061595.D

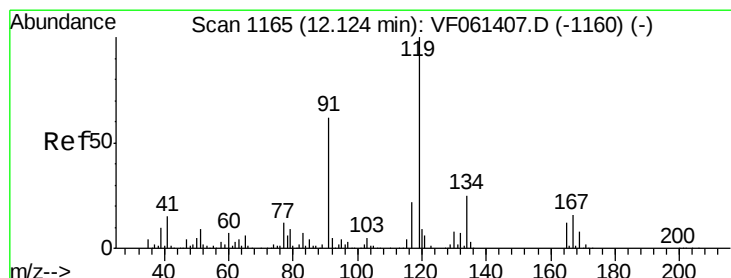
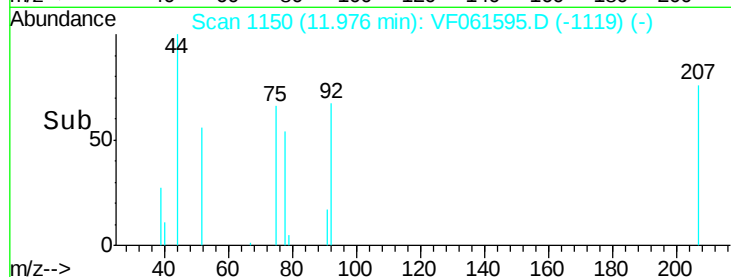
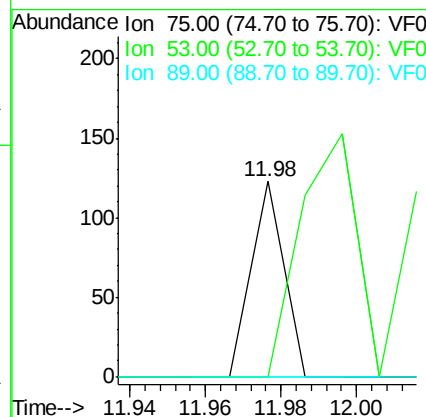
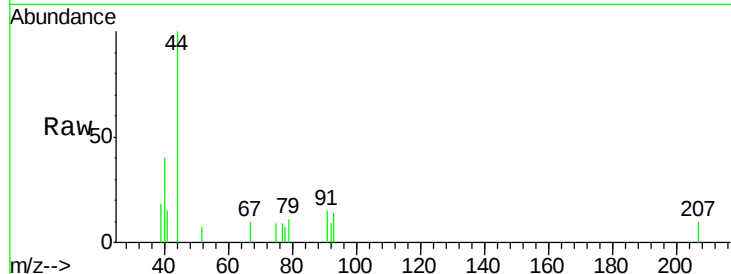
Acq: 11 Feb 2019 19:34

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	75	Resp:	73
Ion	Ratio	Lower	Upper
75	100		
53	0.0	57.8	86.6#
89	0.0	40.7	61.1#



#83

tert-Butylbenzene

Concen: 2.425 ug/l

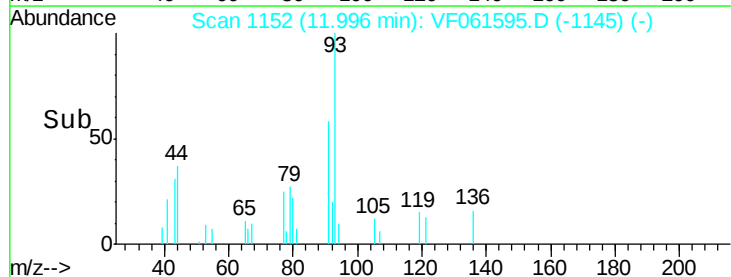
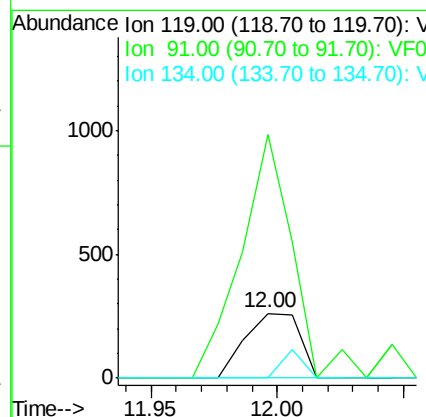
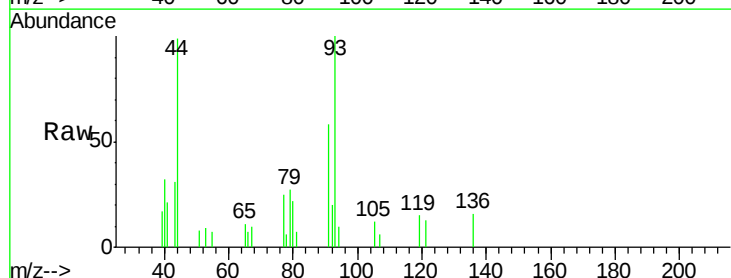
RT: 12.00 min Scan# 1152

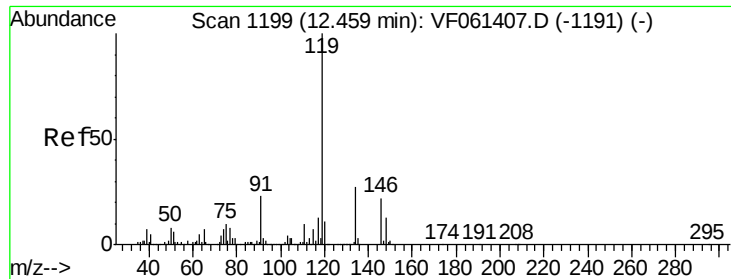
Delta R.T. -0.13 min

Lab File: VF061595.D

Acq: 11 Feb 2019 19:34

Tgt Ion:	119	Resp:	395
Ion	Ratio	Lower	Upper
119	100		
91	375.6	31.3	93.8#
134	0.0	12.4	37.0#

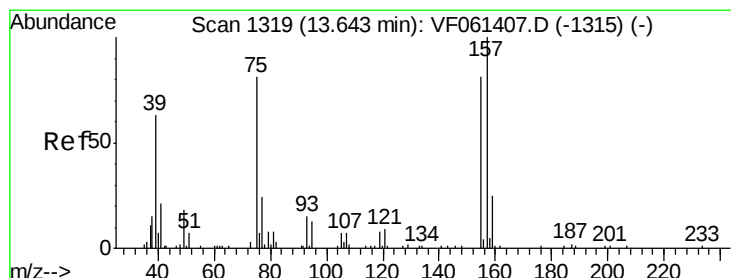
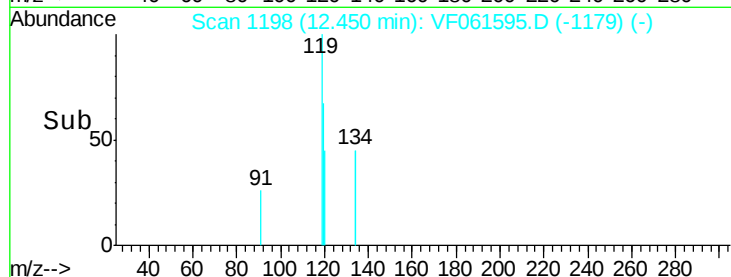
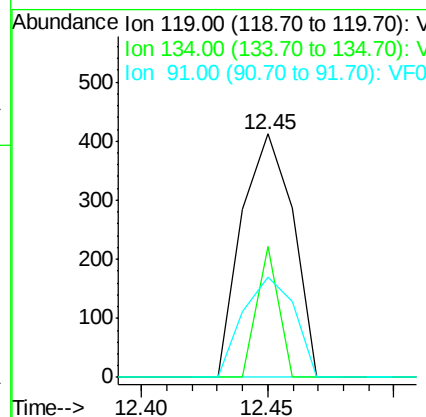
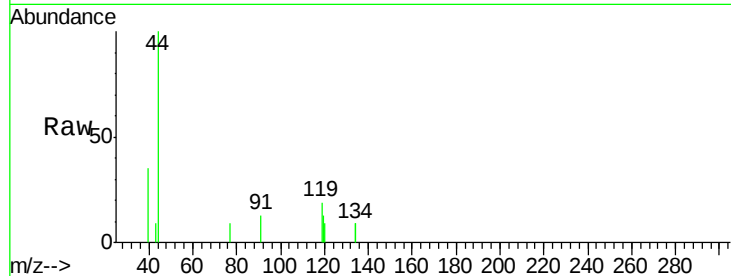




#86
 p-Isopropyltoluene
 Concen: 3.199 ug/l
 RT: 12.45 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: VF061595.D
 Acq: 11 Feb 2019 19:34

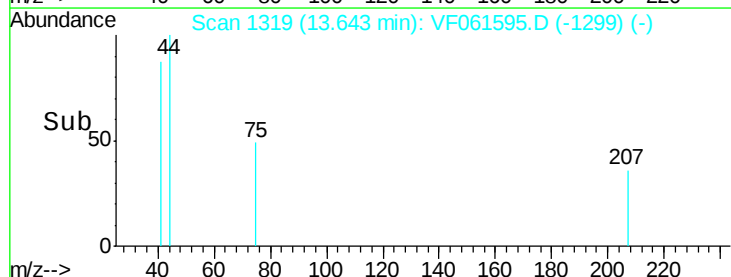
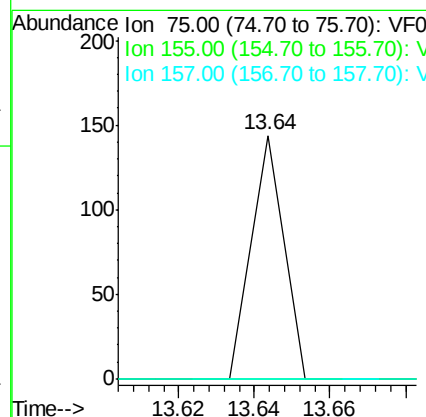
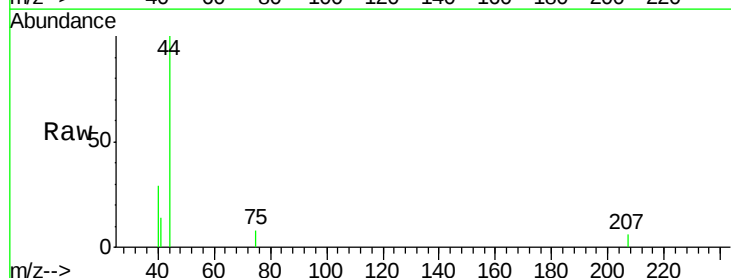
Instrument :
 MSVOA_F
 ClientSampled :

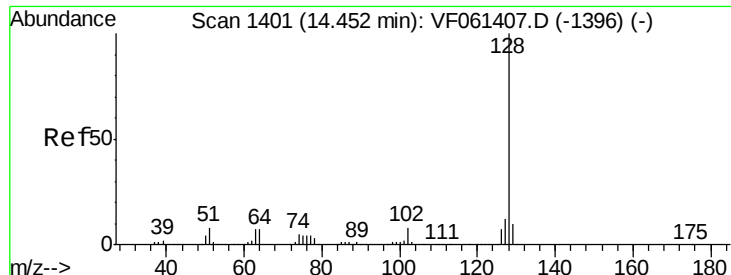
Tot Ion	Ratio	Lower	Upper
119	100		
134	53.9	13.4	40.2#
91	41.0	11.4	34.2#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.793 ug/l
 RT: 13.64 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: VF061595.D
 Acq: 11 Feb 2019 19:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	49.7	149.1#
157	0.0	61.4	184.1#

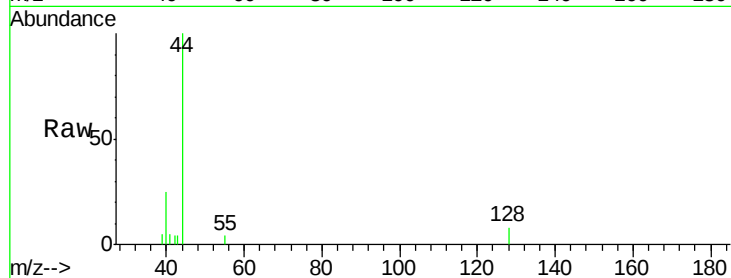




#95
Naphthalene
Concen: 2.964 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.01 min
Lab File: VF061595.D
Acq: 11 Feb 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.5	14.3#
129	0.0	8.4	12.6#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

