

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059738.D
 Acq On : 1 Aug 2018 6:26
 Operator : VA/AP
 Sample : J3825-19
 Misc : 5.85g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Aug 01 07:39:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	188345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	265462	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	216505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	103493	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	163519	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
35) Dibromofluoromethane	4.29	113	129619	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
50) Toluene-d8	7.71	98	200194	31.14	ug/l	0.00
Spiked Amount			Recovery	=	62.28%	
62) 4-Bromofluorobenzene	11.51	95	98168	27.58	ug/l	0.00
Spiked Amount			Recovery	=	55.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	213	Below Cal	#	44
3) Chloromethane	1.10	50	632	Below Cal	#	38
4) Vinyl Chloride	1.20	62	124	Below Cal	#	47
5) Bromomethane	1.36	94	484	Below Cal	#	50
6) Chloroethane	1.44	64	90	Below Cal	#	1
10) Methyl Iodide	1.79	142	104	Below Cal	#	20
11) Tert butyl alcohol	2.68	59	752	4.074	ug/l #	74
13) Acrolein	2.08	56	289	19.847	ug/l	96
15) Acrylonitrile	3.08	53	463	2.179	ug/l #	60
16) Acetone	2.34	43	21529	35.360	ug/l #	93
17) Carbon Disulfide	1.72	76	71	Below Cal	#	71
20) Methylene Chloride	2.28	84	3683	Below Cal	#	75
21) trans-1,2-Dichloroethene	2.45	96	373	Below Cal	#	1
28) Bromochloromethane	3.77	49	76	Below Cal	#	59
31) Cyclohexane	3.75	56	62	Below Cal	#	15
36) 1,1-Dichloropropene	4.43	75	312	Below Cal	#	46
37) Ethyl Acetate	4.32	43	438	Below Cal	#	19
41) Methacrylonitrile	4.92	41	140	Below Cal	#	58
49) 1,4-Dioxane	6.59	88	63	Below Cal	#	21
52) Toluene	7.77	92	674	Below Cal	#	36
68) m/p-Xylenes	10.11	106	76	Below Cal	#	1
78) n-propylbenzene	11.69	91	65	Below Cal	#	54
79) 2-Chlorotoluene	11.82	91	73	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	11.91	105	67	Below Cal	#	31
82) 4-Chlorotoluene	11.99	91	61	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	12.29	105	207	Below Cal	#	33
85) sec-Butylbenzene	12.40	105	223	Below Cal	#	57
86) p-Isopropyltoluene	12.54	119	121	Below Cal	#	49
87) 1,3-Dichlorobenzene	12.57	146	255	Below Cal	#	24
88) 1,4-Dichlorobenzene	12.65	146	339	Below Cal	#	37
89) n-Butylbenzene	12.92	91	244	Below Cal	#	81
91) 1,2-Dichlorobenzene	13.02	146	161	Below Cal	#	24
93) 1,2,4-Trichlorobenzene	14.27	180	293	Below Cal	#	45

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QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

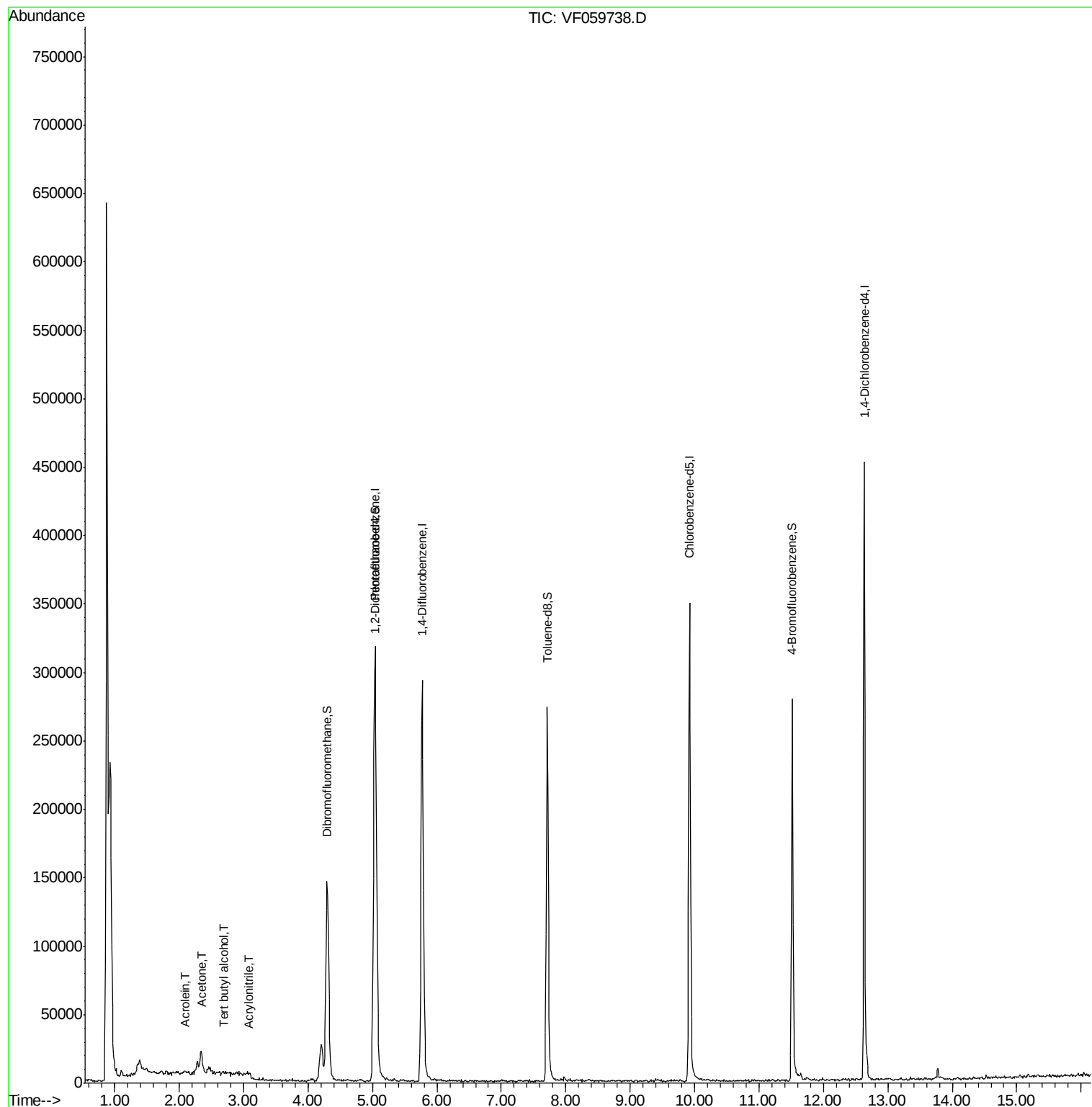
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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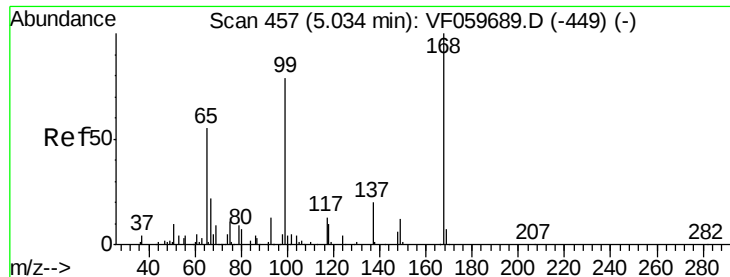
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

Instrument :

MSVOA_F

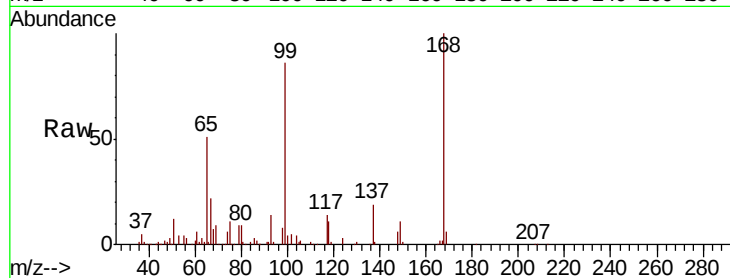
ClientSampleId :

Tot Ion:168 Resp: 188345

Ion Ratio Lower Upper

168 100

99 86.4 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

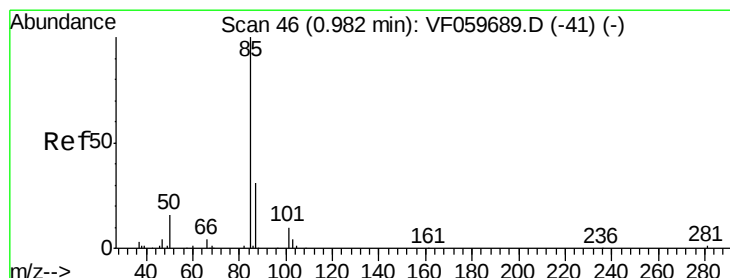
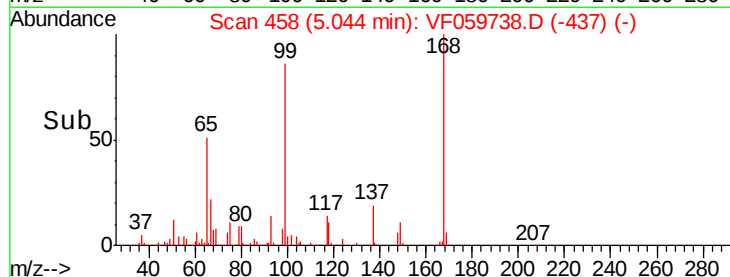
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.99 min Scan# 47

Delta R.T. 0.01 min

Lab File: VF059738.D

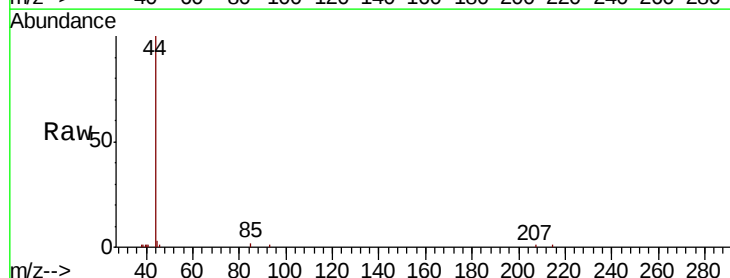
Acq: 1 Aug 2018 6:26

Tgt Ion: 85 Resp: 213

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

300

250

200

150

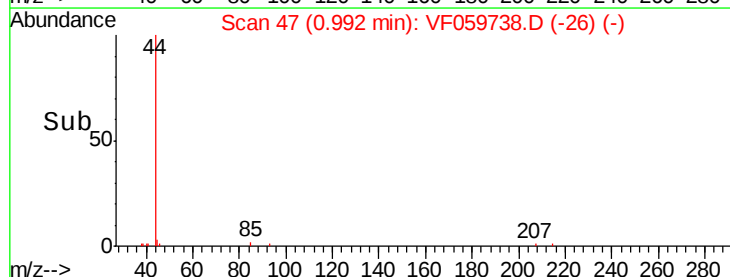
100

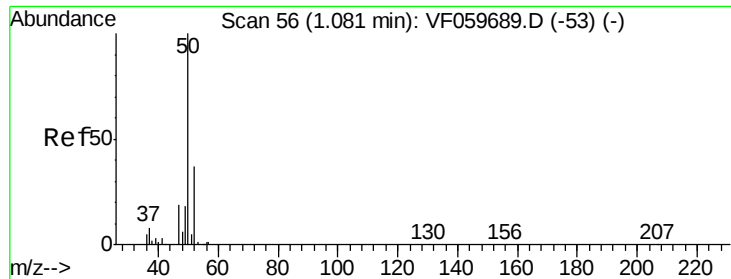
50

0

Time-->

0.94 0.96 0.98 1.00 1.02





#3

Chloromethane

Concen: Below Cal

RT: 1.10 min Scan# 58

Delta R.T. 0.02 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

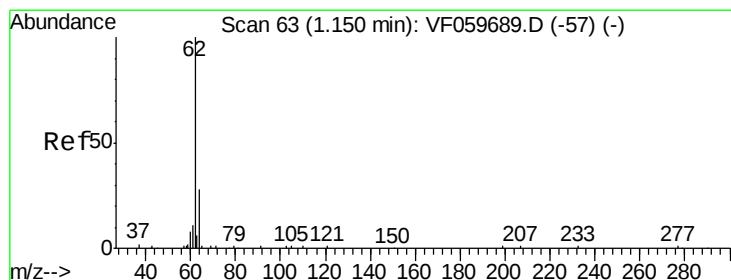
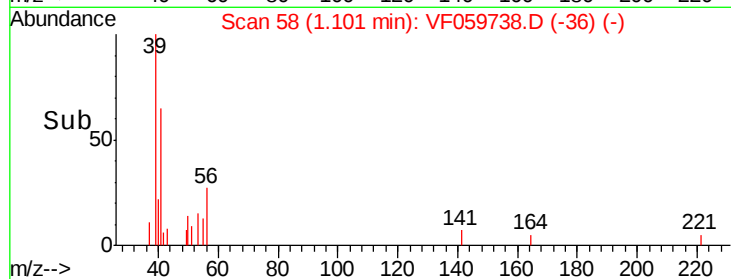
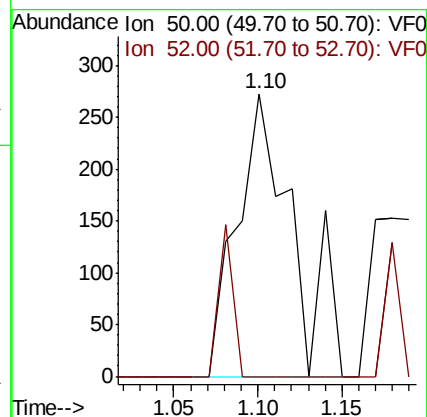
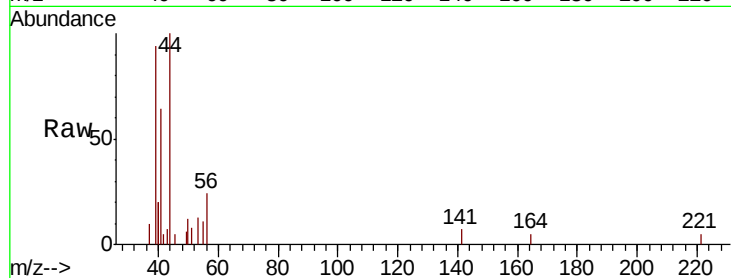
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 50 Resp: 632

Ion Ratio Lower Upper

50 100

52 0.0 29.1 43.7#



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.20 min Scan# 68

Delta R.T. 0.05 min

Lab File: VF059738.D

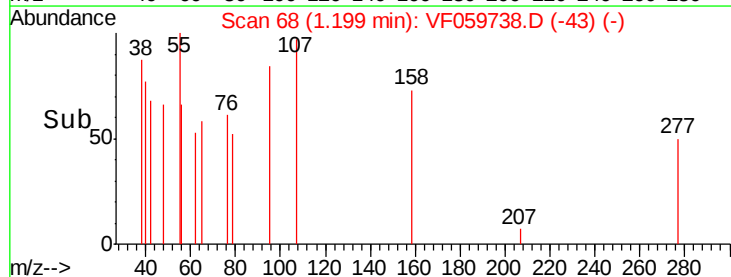
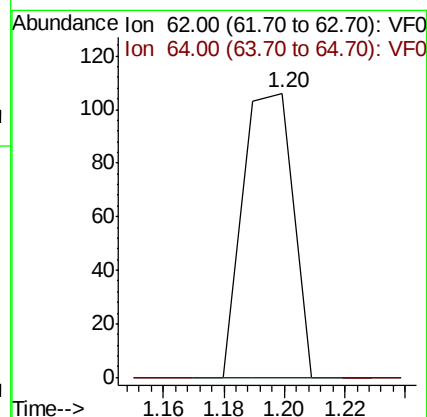
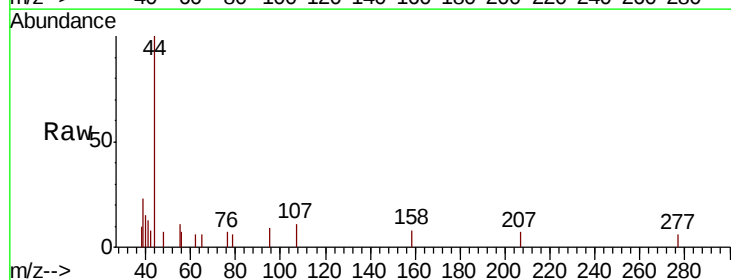
Acq: 1 Aug 2018 6:26

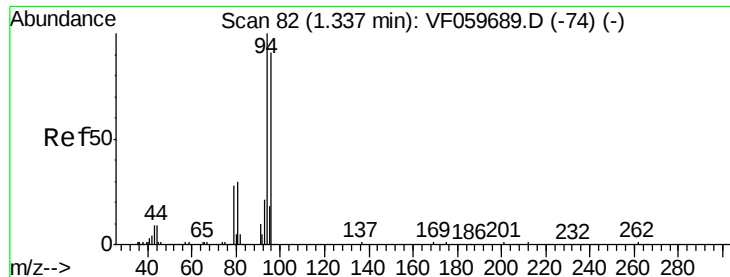
Tgt Ion: 62 Resp: 124

Ion Ratio Lower Upper

62 100

64 0.0 22.6 33.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.36 min Scan# 84

Delta R.T. 0.02 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

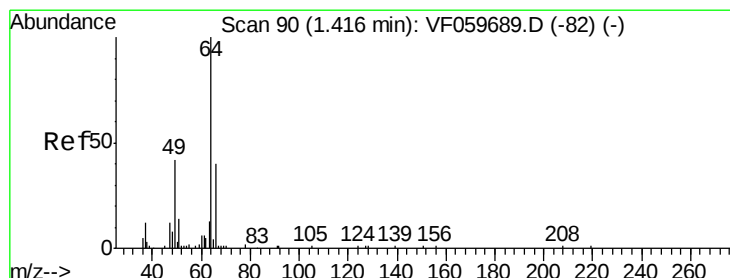
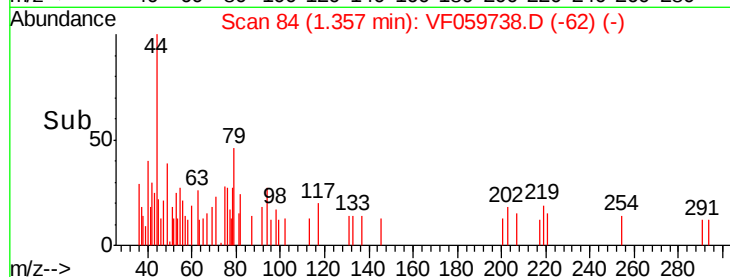
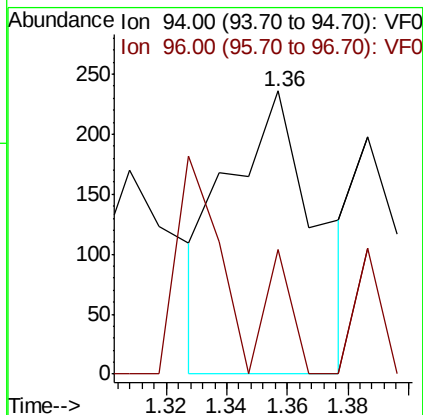
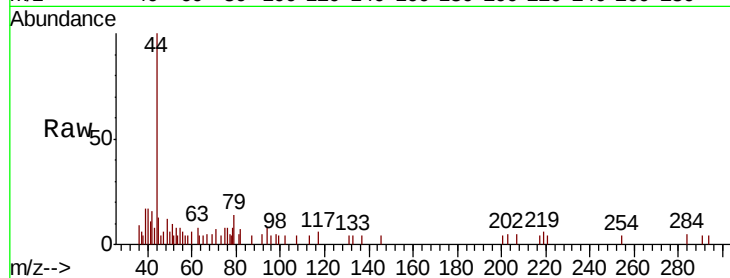
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 94 Resp: 484

Ion Ratio Lower Upper

94 100

96 44.1 73.6 110.4#



#6

Chloroethane

Concen: Below Cal

RT: 1.44 min Scan# 92

Delta R.T. 0.02 min

Lab File: VF059738.D

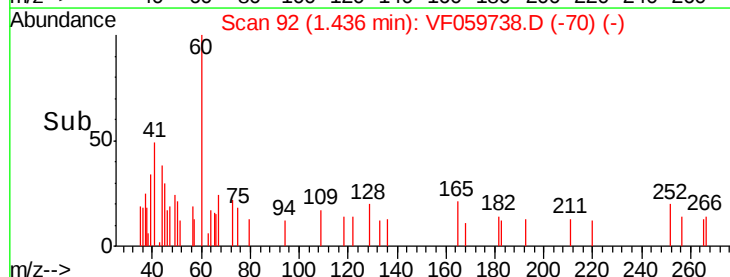
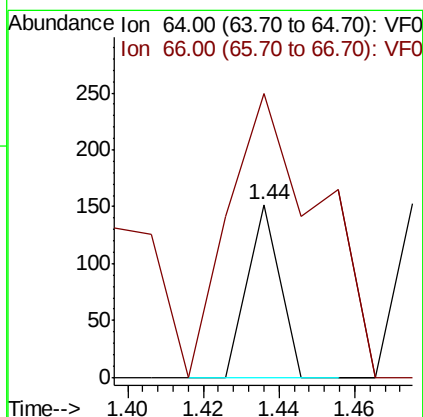
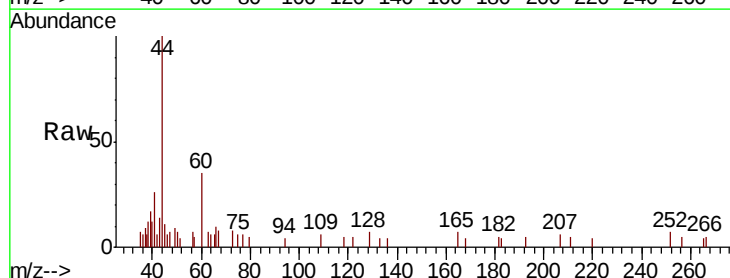
Acq: 1 Aug 2018 6:26

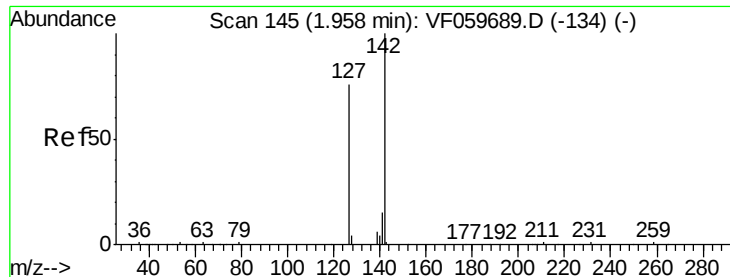
Tgt Ion: 64 Resp: 90

Ion Ratio Lower Upper

64 100

66 300.7 32.6 49.0#

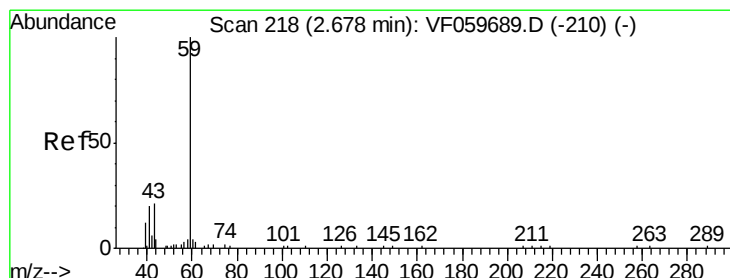
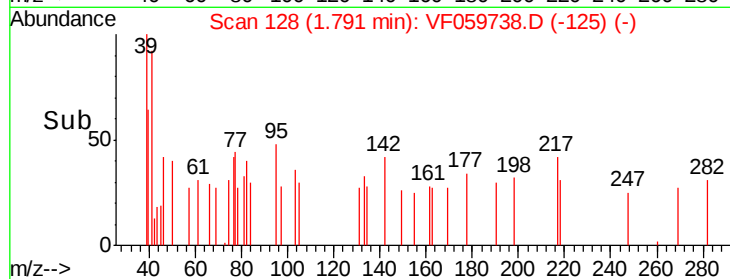
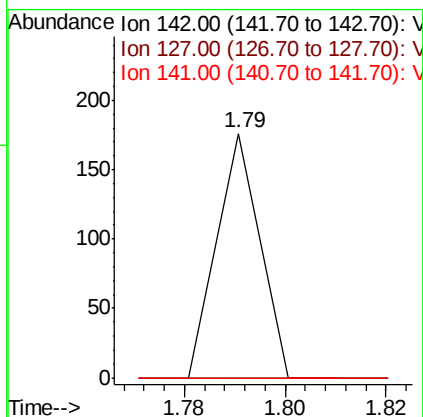
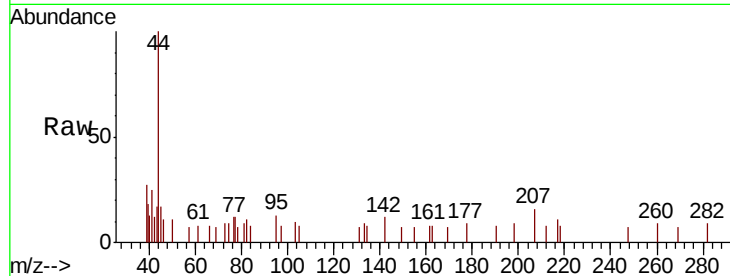




#10
Methvl Iodide
Concen: Below Cal
RT: 1.79 min Scan# 128
Delta R.T. -0.17 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

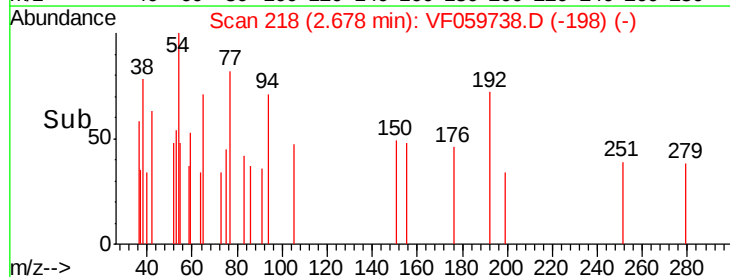
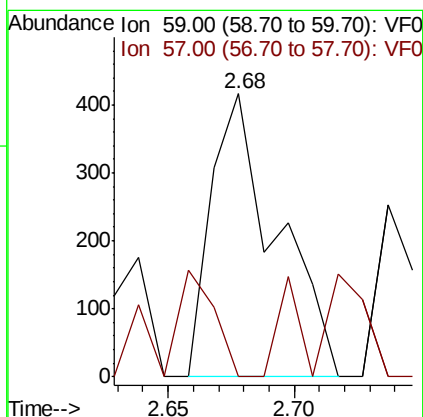
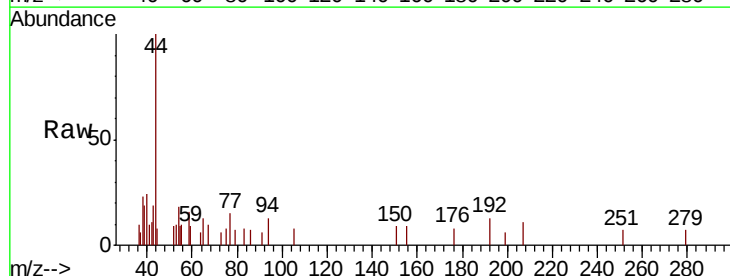
Instrument :
MSVOA_F
ClientSampleId :

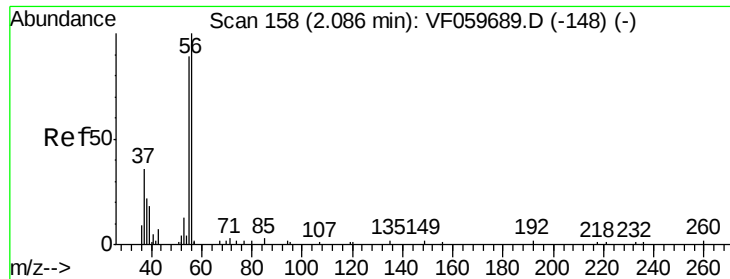
Tot Ion	Ratio	Lower	Upper
142	100		
127	0.0	60.6	91.0#
141	0.0	12.0	18.0#



#11
Tert butyl alcohol
Concen: 4.074 ug/l
RT: 2.68 min Scan# 218
Delta R.T. 0.00 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#





#13

Acrolein

Concen: 19.847 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

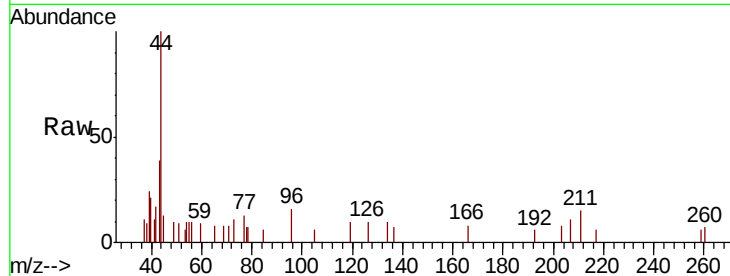
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 56 Resp: 289

Ion Ratio Lower Upper

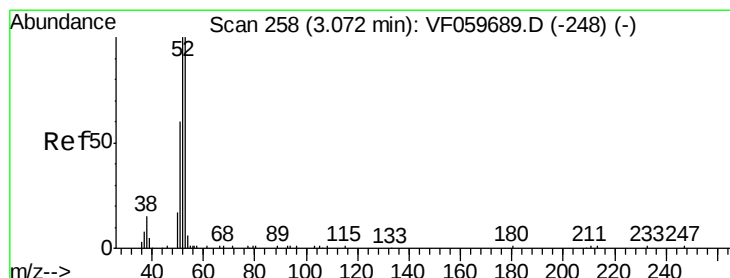
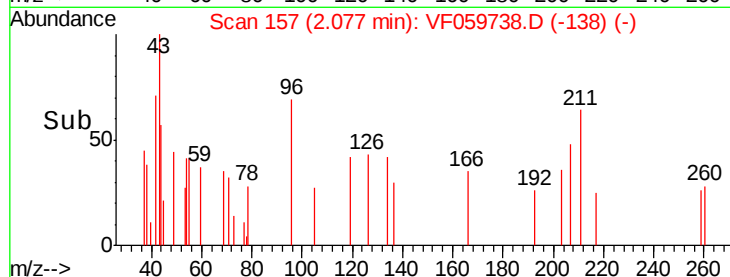
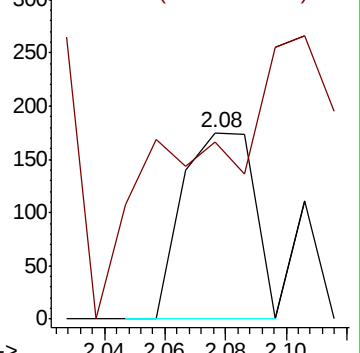
56 100

55 94.9 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#15

Acrylonitrile

Concen: 2.179 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.01 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

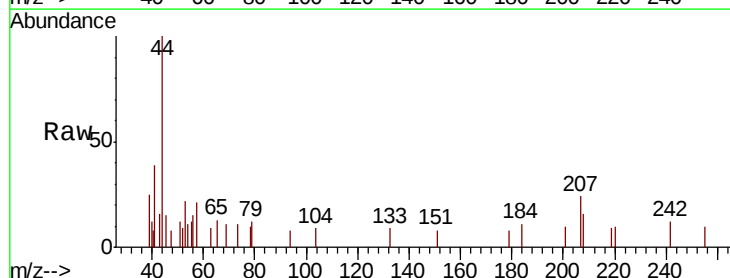
Tgt Ion: 53 Resp: 463

Ion Ratio Lower Upper

53 100

52 42.3 80.3 120.5#

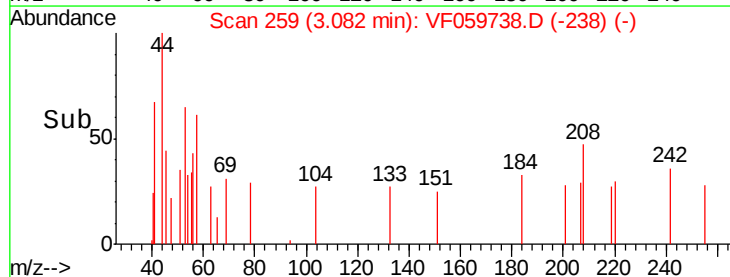
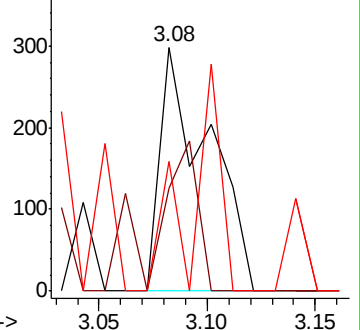
51 53.4 49.4 74.0

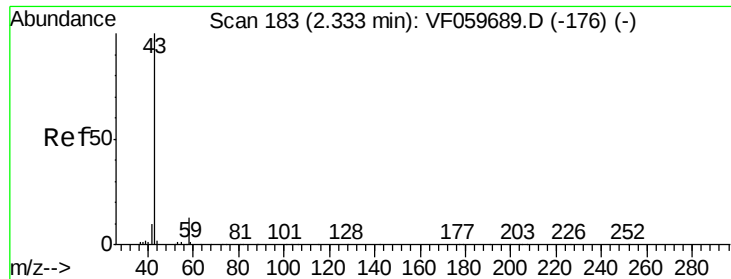


Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

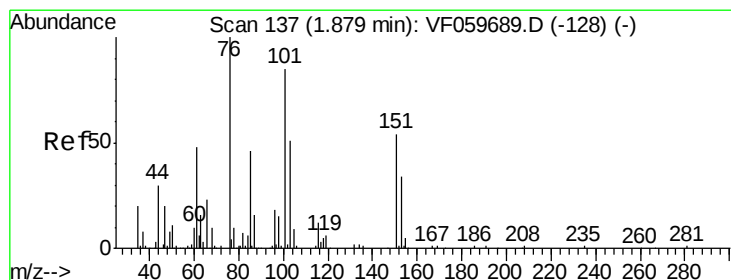
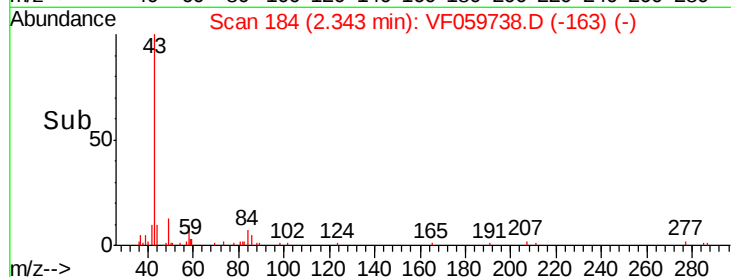
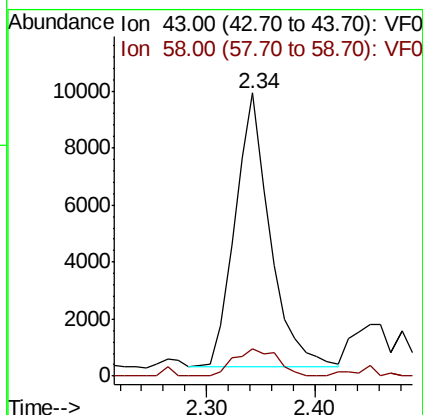
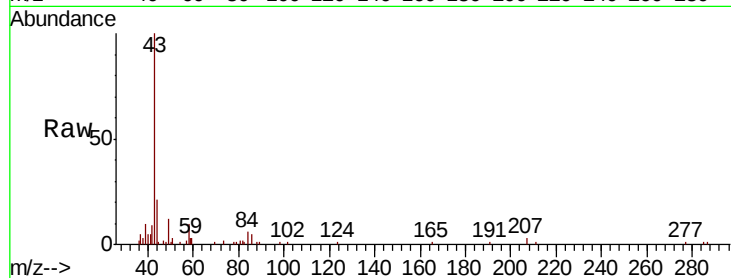




#16
Acetone
Concen: 35.360 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

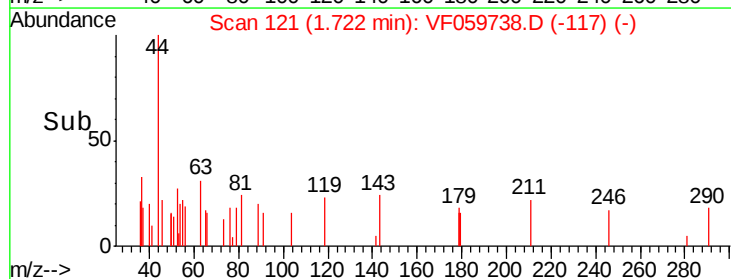
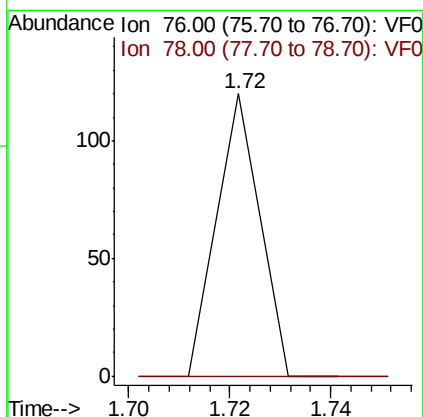
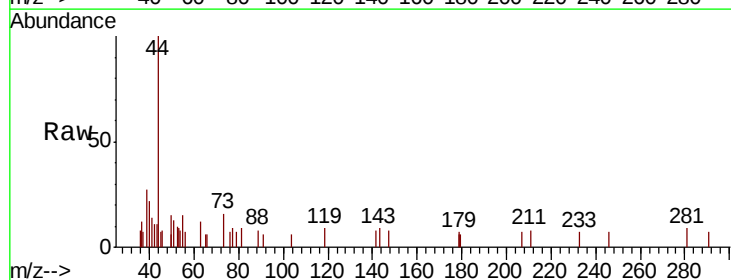
Instrument :
MSVOA_F
ClientSampled :

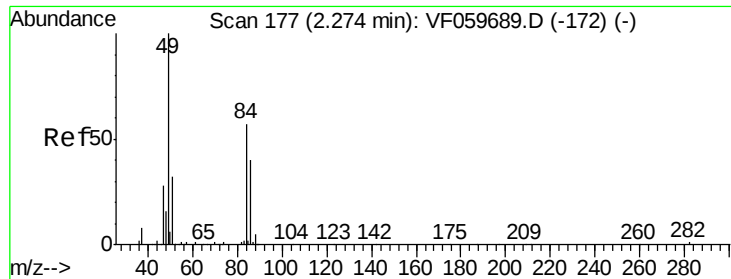
Tot Ion: 43 Resp: 21529
Ion Ratio Lower Upper
43 100
58 9.7 10.1 15.1#



#17
Carbon Disulfide
Concen: Below Cal
RT: 1.72 min Scan# 121
Delta R.T. -0.16 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Tgt Ion: 76 Resp: 71
Ion Ratio Lower Upper
76 100
78 0.0 8.9 13.3#

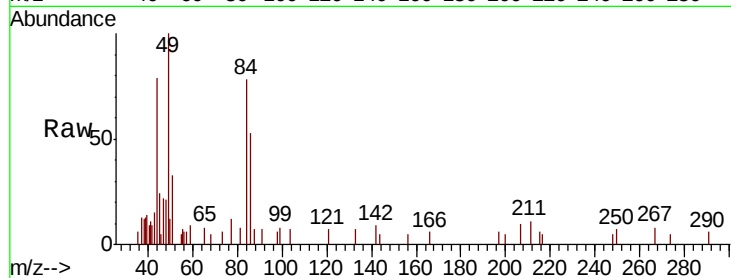




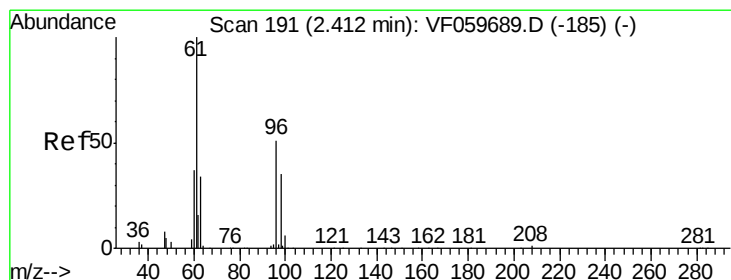
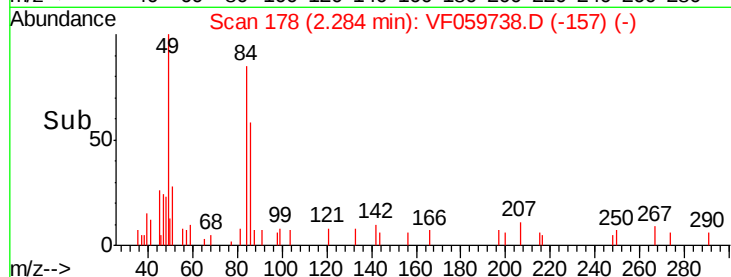
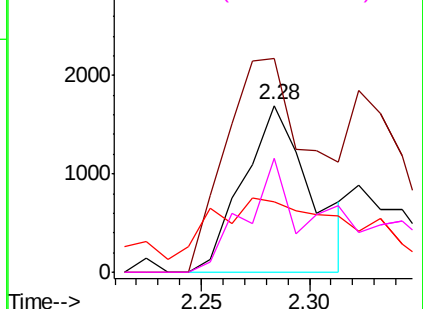
#20
Methvlene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 84 Resp: 3683
Ion Ratio Lower Upper
84 100
49 128.2 142.2 213.4#
51 42.4 46.2 69.2#
86 68.2 57.1 85.7

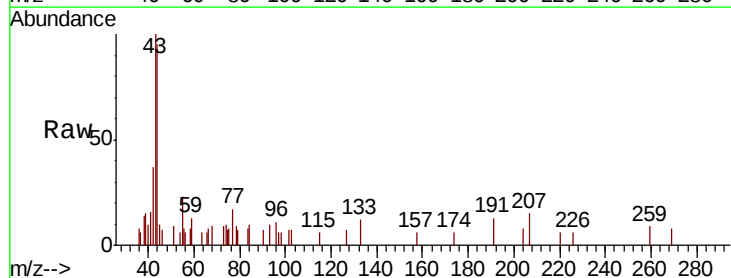


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

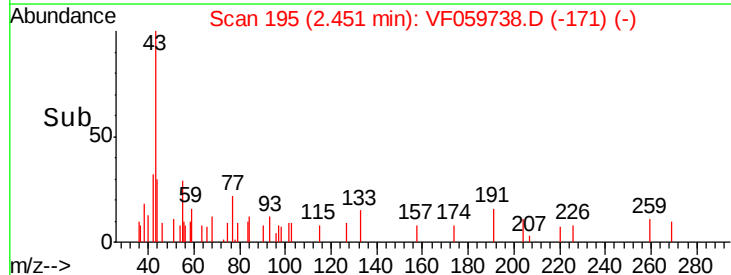
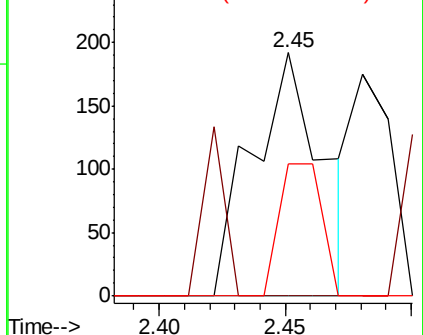


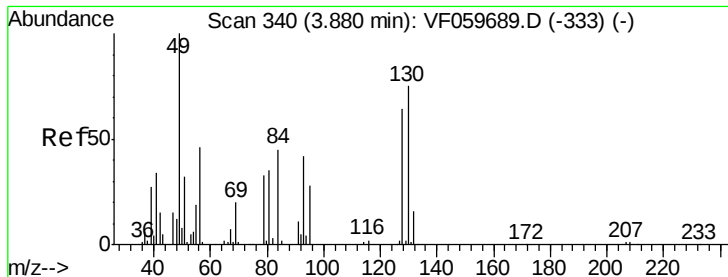
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.45 min Scan# 195
Delta R.T. 0.04 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Tgt Ion: 96 Resp: 373
Ion Ratio Lower Upper
96 100
61 0.0 157.4 236.0#
98 54.2 55.0 82.4#



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





#28

Bromochloromethane

Concen: Below Cal

RT: 3.77 min Scan# 329

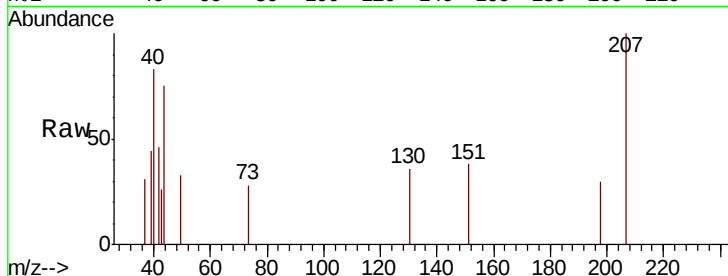
Delta R.T. -0.11 min

Lab File: VF059738.D

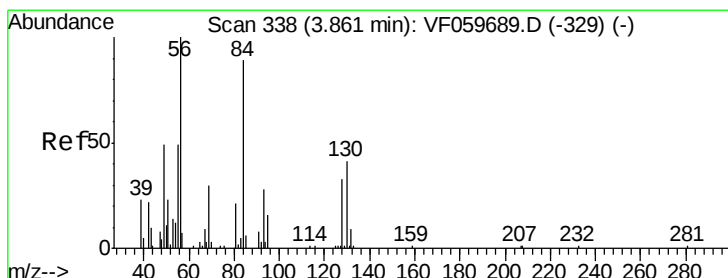
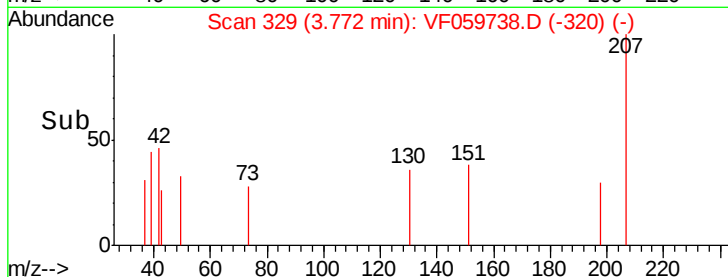
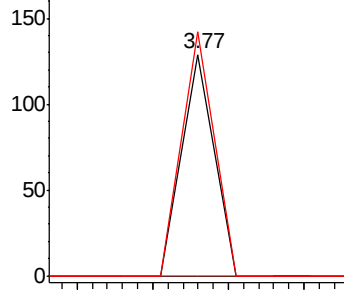
Acq: 1 Aug 2018 6:26

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 49 Resp: 76
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 110.1 59.6 89.4#



Abundance Ion 49.00 (48.70 to 49.70): VF0
Ion 129.00 (128.70 to 129.70): V
Ion 130.00 (129.70 to 130.70): V



#31

Cyclohexane

Concen: Below Cal

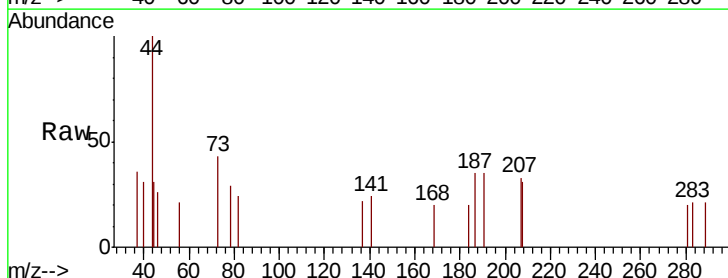
RT: 3.75 min Scan# 327

Delta R.T. -0.11 min

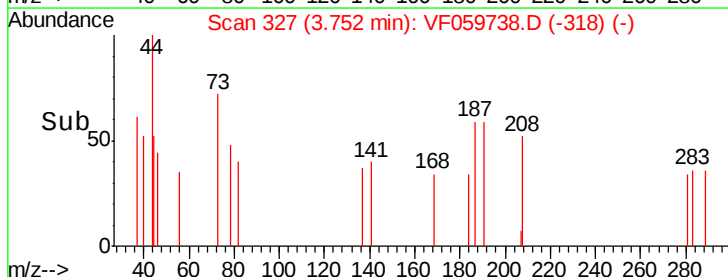
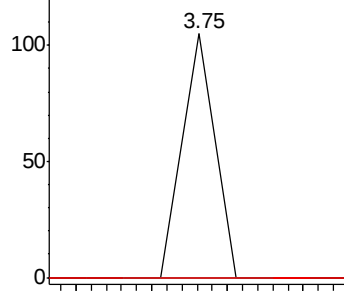
Lab File: VF059738.D

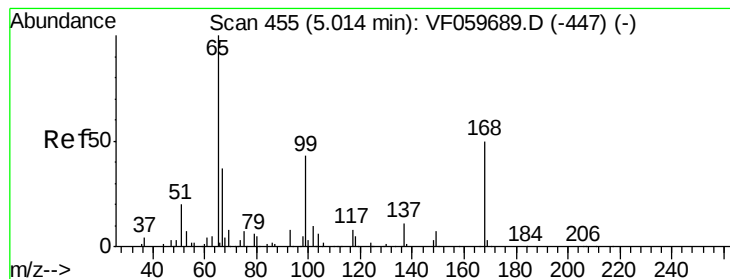
Acq: 1 Aug 2018 6:26

Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 0.0 71.1 106.7#



Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 48.308 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

Instrument :

MSVOA_F

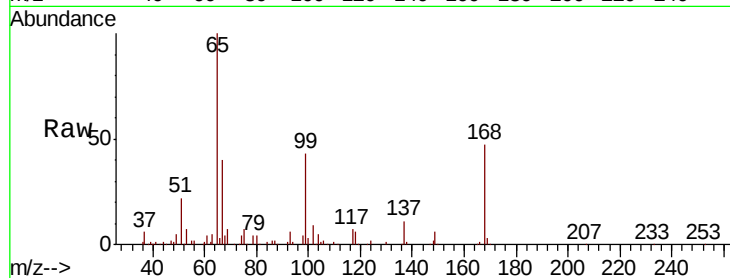
ClientSampleId :

Tot Ion: 65 Resp: 163519

Ion Ratio Lower Upper

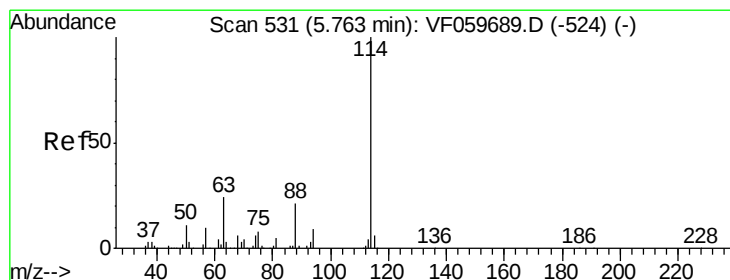
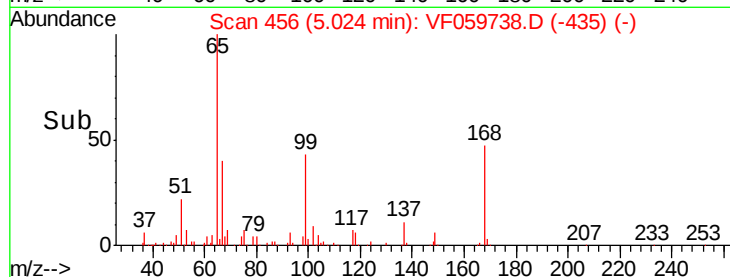
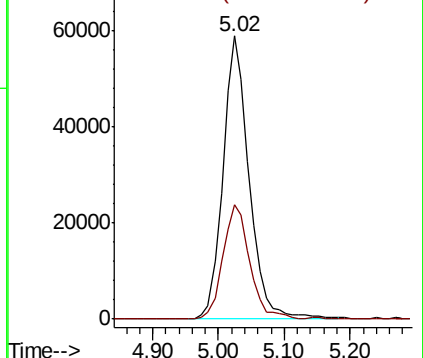
65 100

67 40.2 0.0 84.6



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: 5.77 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

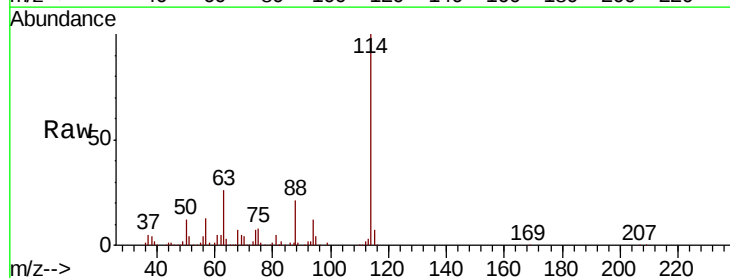
Tgt Ion: 114 Resp: 265462

Ion Ratio Lower Upper

114 100

63 25.6 0.0 47.4

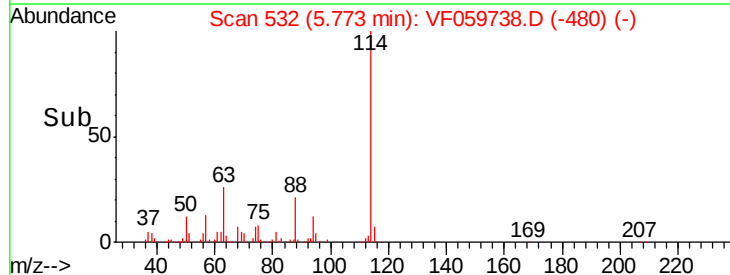
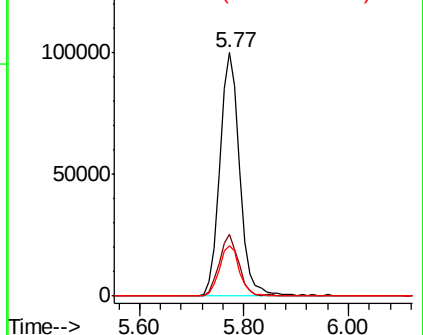
88 20.8 0.0 41.2

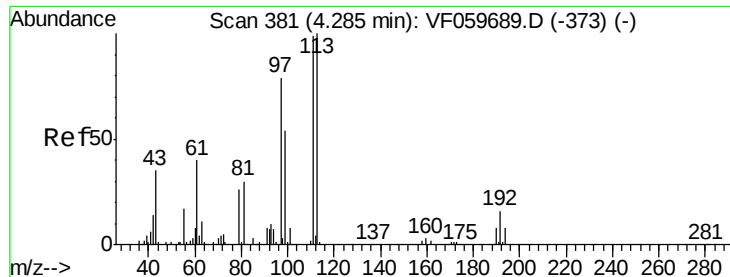


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

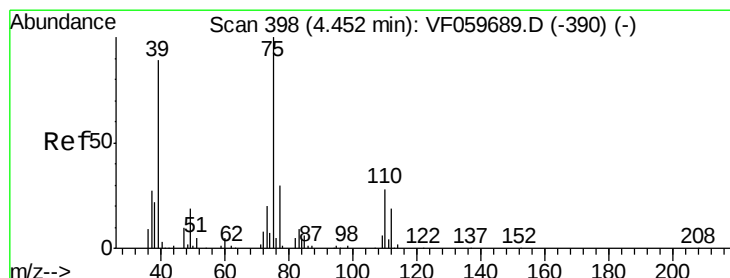
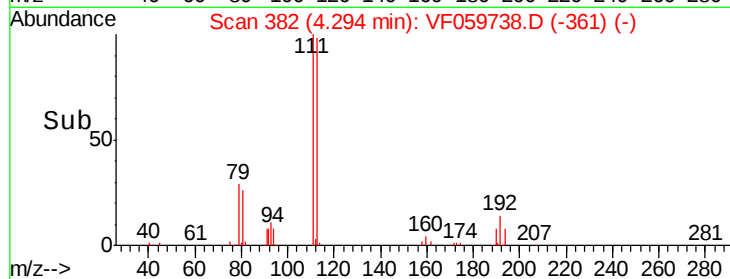
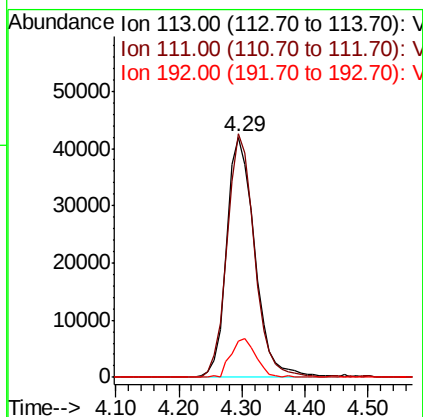
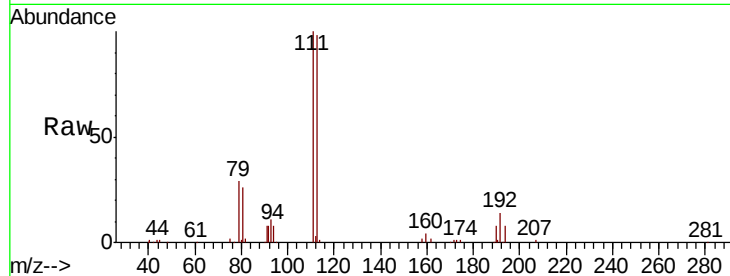




#35
 Dibromofluoromethane
 Concen: 47.011 ug/l
 RT: 4.29 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VF059738.D
 Acq: 1 Aug 2018 6:26

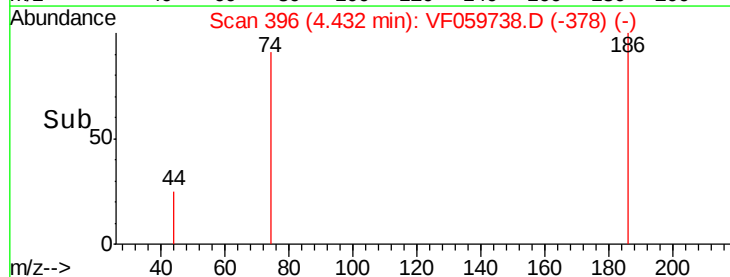
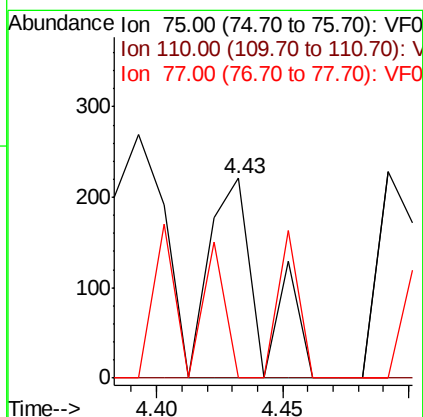
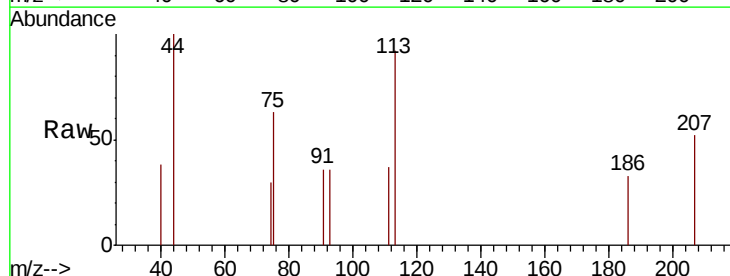
Instrument :
 MSVOA_F
 ClientSampled :

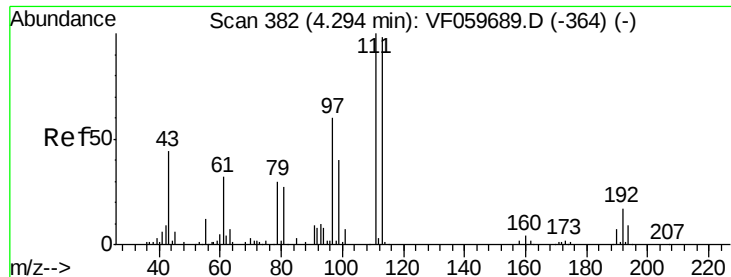
Tot Ion:113 Resp: 129619
 Ion Ratio Lower Upper
 113 100
 111 101.5 79.0 118.4
 192 15.1 13.2 19.8



#36
 1,1-Dichloropropene
 Concen: Below Cal
 RT: 4.43 min Scan# 396
 Delta R.T. -0.02 min
 Lab File: VF059738.D
 Acq: 1 Aug 2018 6:26

Tgt Ion: 75 Resp: 312
 Ion Ratio Lower Upper
 75 100
 110 0.0 14.0 41.9#
 77 0.0 24.2 36.2#

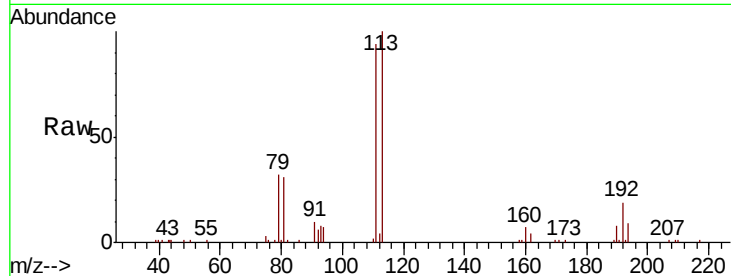




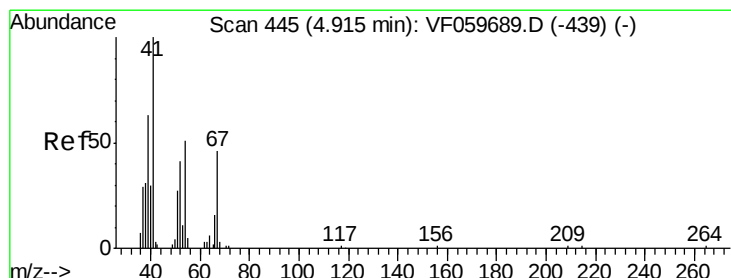
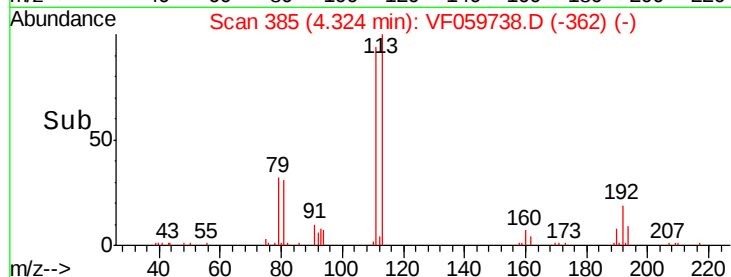
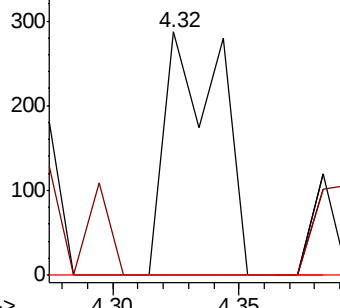
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 438
Ion Ratio Lower Upper
43 100
61 0.0 58.2 87.2#
70 0.0 6.0 9.0#

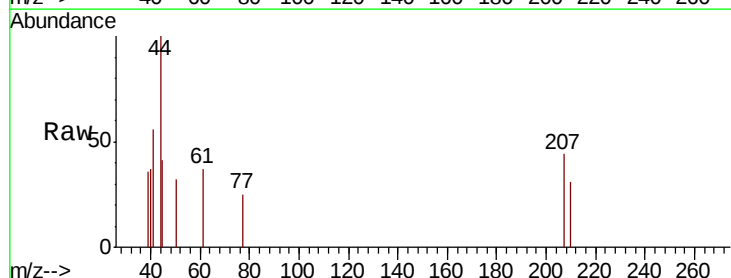


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

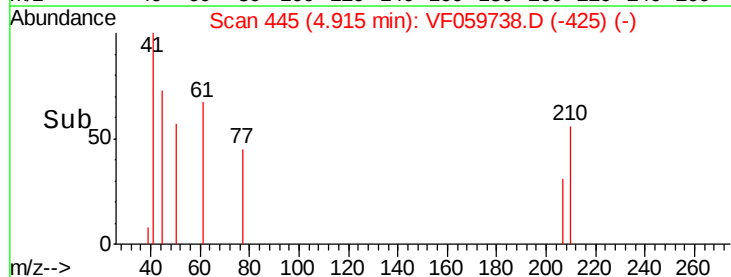
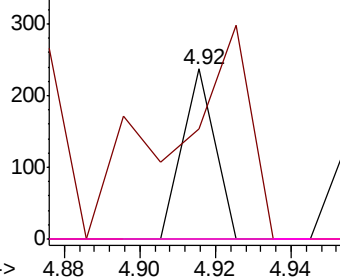


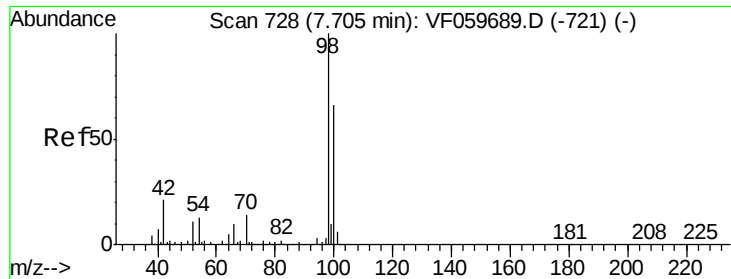
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.92 min Scan# 445
Delta R.T. 0.00 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Tgt Ion: 41 Resp: 140
Ion Ratio Lower Upper
41 100
39 65.0 55.2 82.8
67 0.0 36.2 54.2#
52 0.0 37.7 56.5#



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

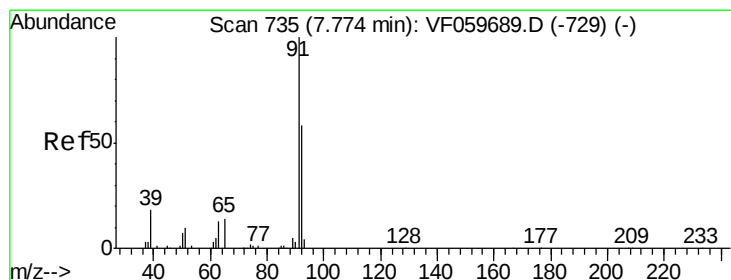
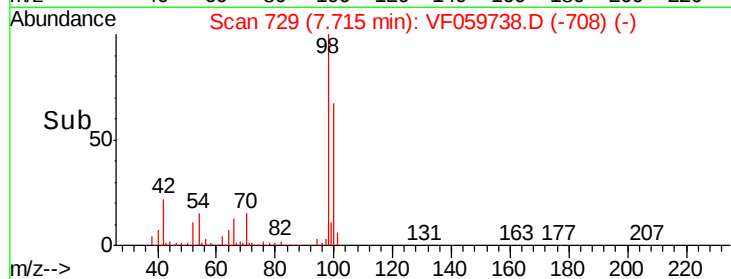
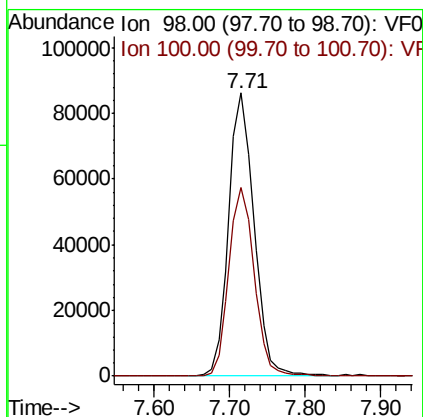
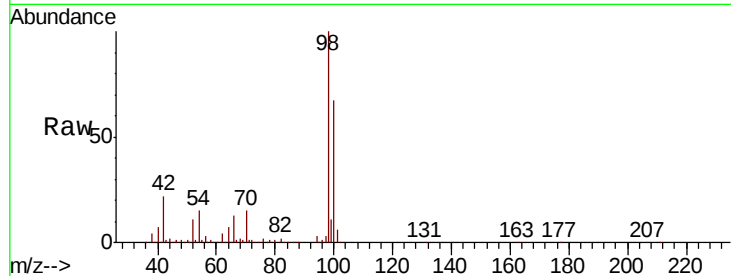




#50
Toluene-d8
Concen: 31.136 ug/l
RT: 7.71 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

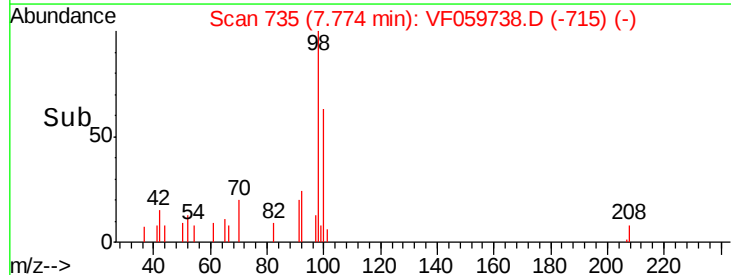
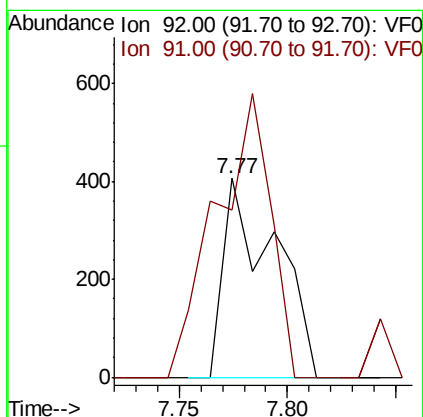
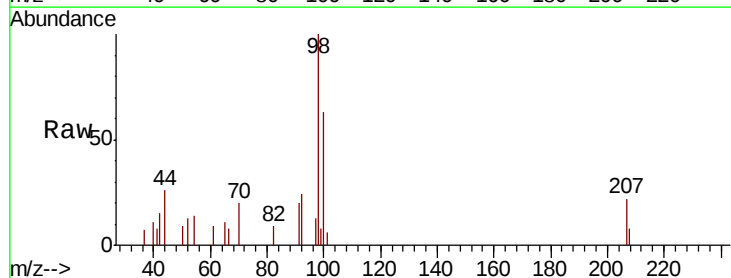
Instrument :
MSVOA_F
ClientSampleId :

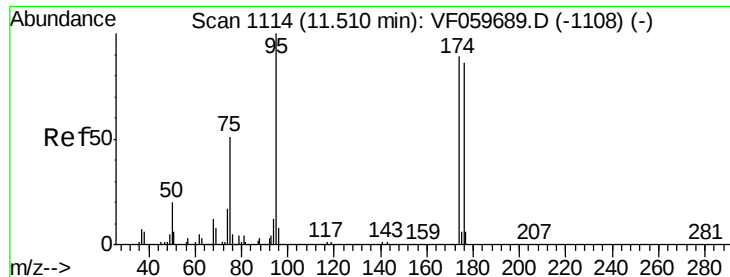
Tot Ion: 98 Resp: 200194
Ion Ratio Lower Upper
98 100
100 66.6 52.8 79.2



#52
Toluene
Concen: Below Cal
RT: 7.77 min Scan# 735
Delta R.T. 0.00 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Tgt Ion: 92 Resp: 674
Ion Ratio Lower Upper
92 100
91 84.5 139.0 208.4#





#62

4-Bromofluorobenzene

Concen: 27.579 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

Instrument :

MSVOA_F

ClientSampleId :

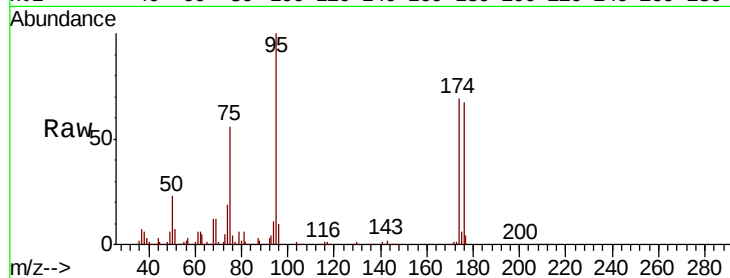
Tot Ion: 95 Resp: 98168

Ion Ratio Lower Upper

95 100

174 69.0 0.0 178.4

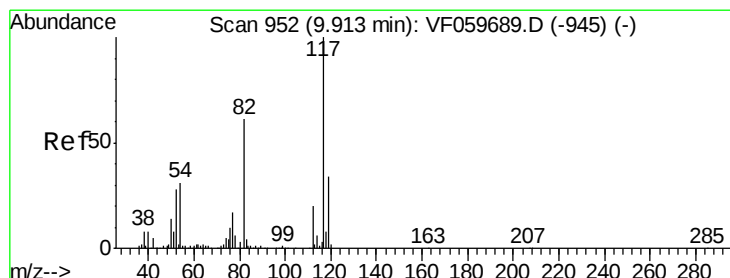
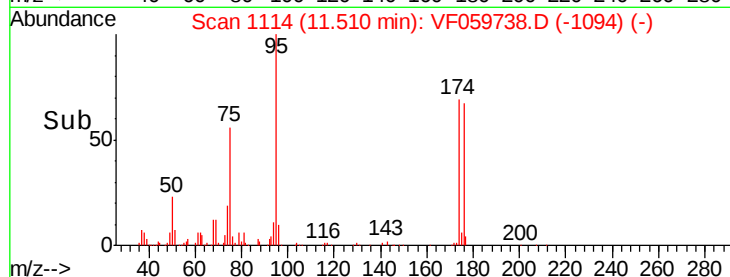
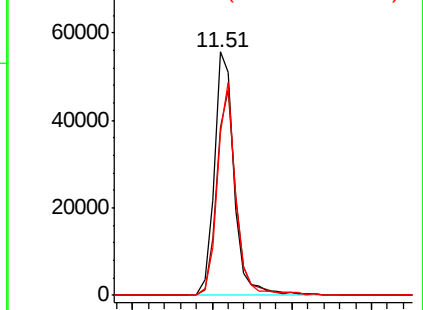
176 66.9 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 953

Delta R.T. 0.01 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

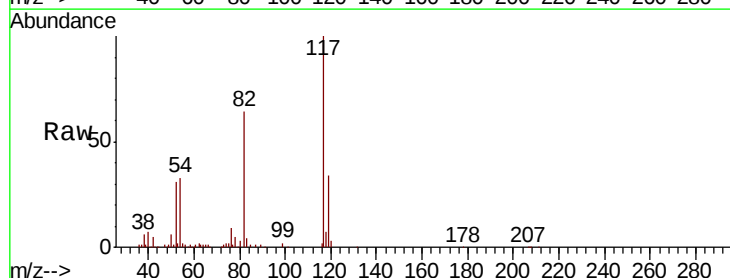
Tgt Ion: 117 Resp: 216505

Ion Ratio Lower Upper

117 100

82 63.6 49.0 73.4

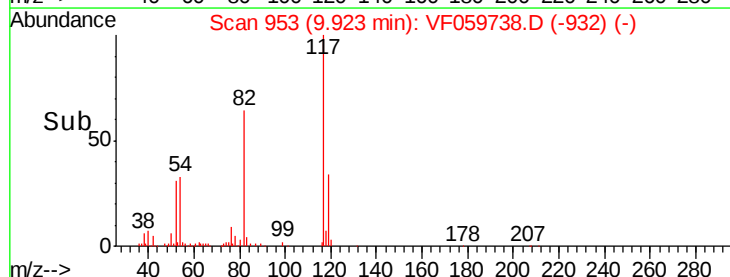
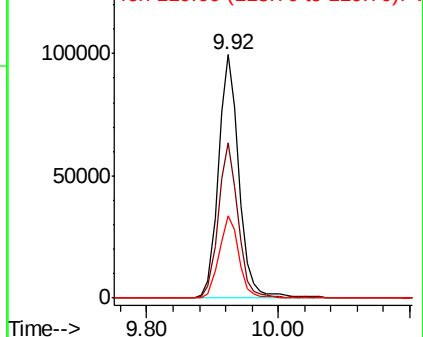
119 33.7 27.3 40.9

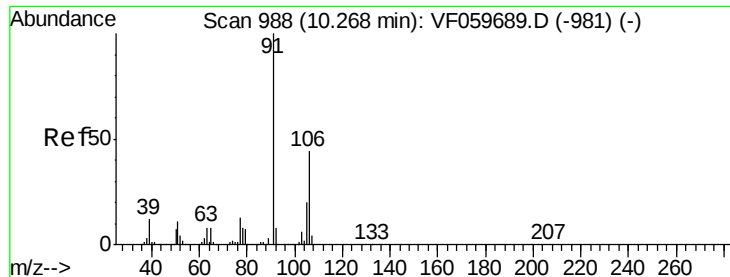


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

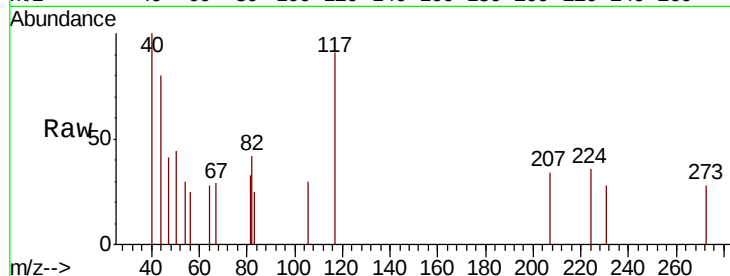




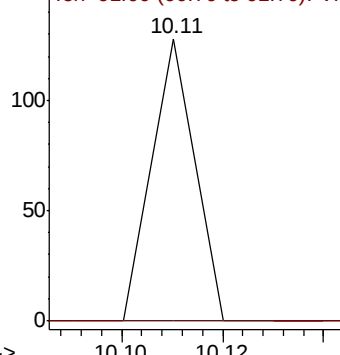
#68
m/p-Xvlenes
Concen: Below Cal
RT: 10.11 min Scan# 972
Delta R.T. -0.16 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Instrument :
MSVOA_F
ClientSampled :

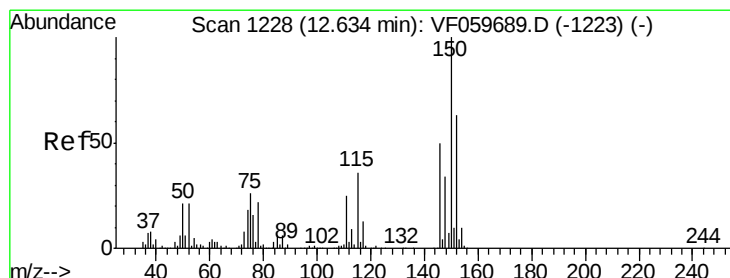
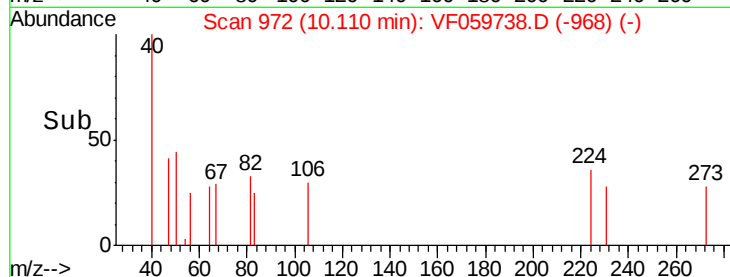
Tot Ion:106 Resp: 76
Ion Ratio Lower Upper
106 100
91 0.0 181.7 272.5#



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

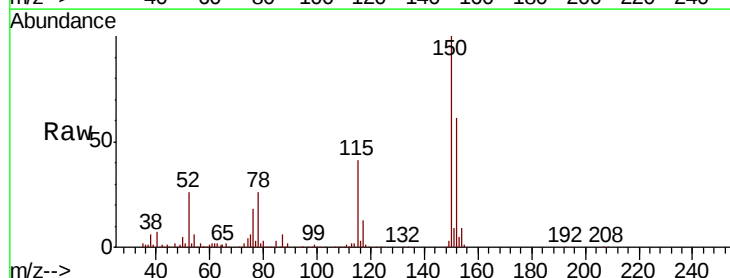


Time-->

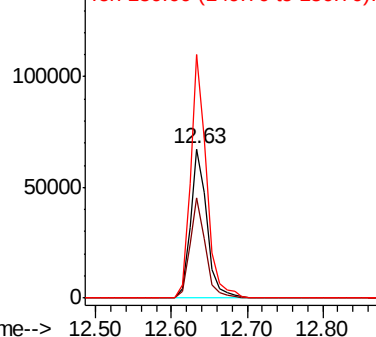


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

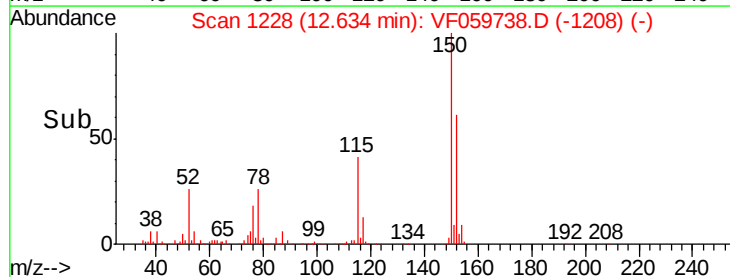
Tgt Ion:152 Resp: 103493
Ion Ratio Lower Upper
152 100
115 67.2 28.2 84.6
150 163.3 0.0 316.2

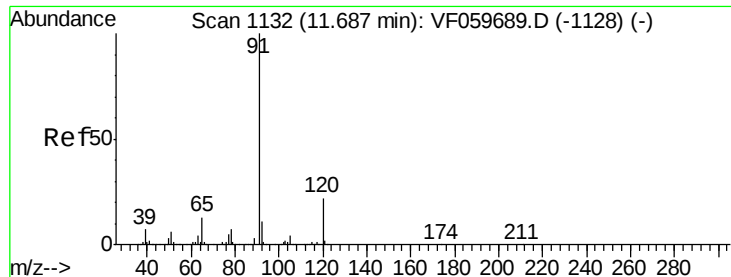


Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



Time-->





#78

n-propylbenzene

Concen: Below Cal

RT: 11.69 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

Instrument :

MSVOA_F

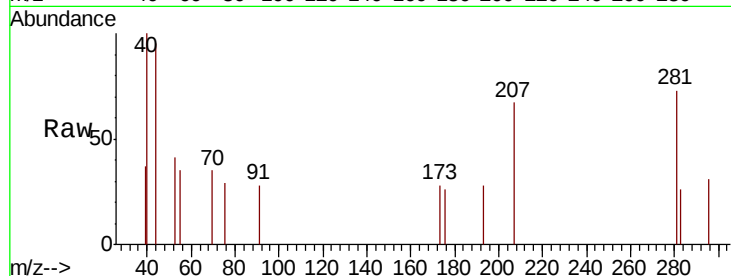
ClientSampled :

Tot Ion: 91 Resp: 65

Ion Ratio Lower Upper

91 100

120 0.0 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

11.69

100

80

60

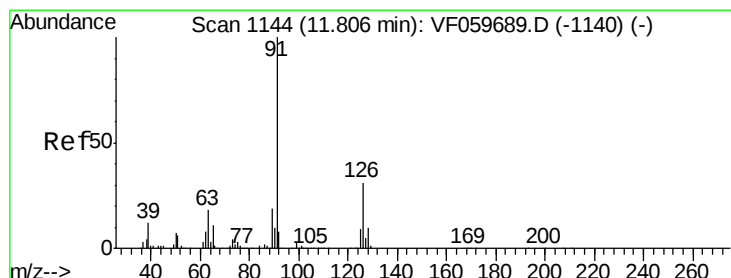
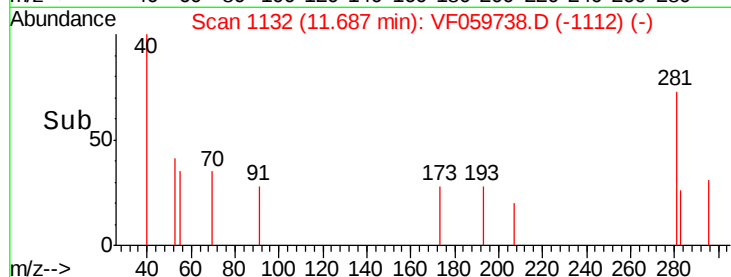
40

20

0

11.66 11.68 11.70 11.72

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.82 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VF059738.D

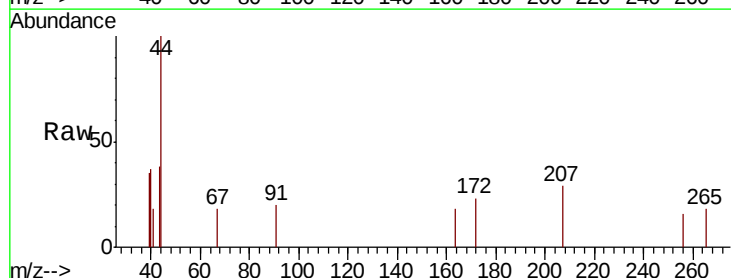
Acq: 1 Aug 2018 6:26

Tgt Ion: 91 Resp: 73

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

11.82

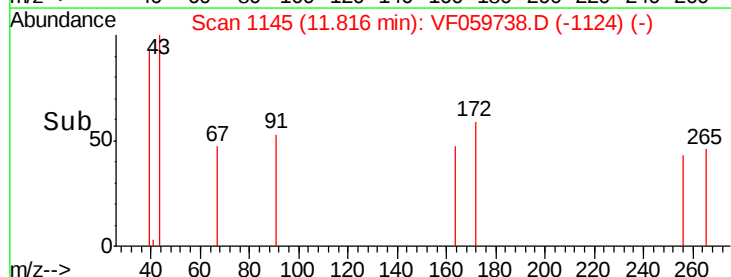
100

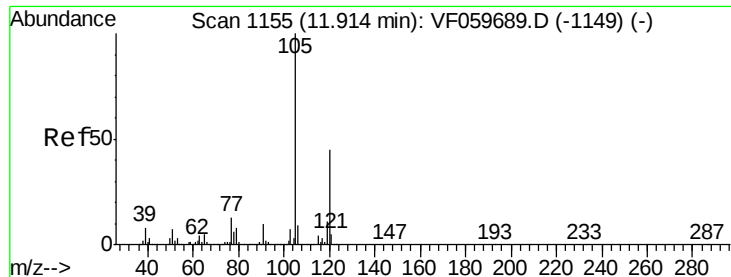
50

0

11.78 11.80 11.82 11.84

Time-->





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 11.91 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

Instrument :

MSVOA_F

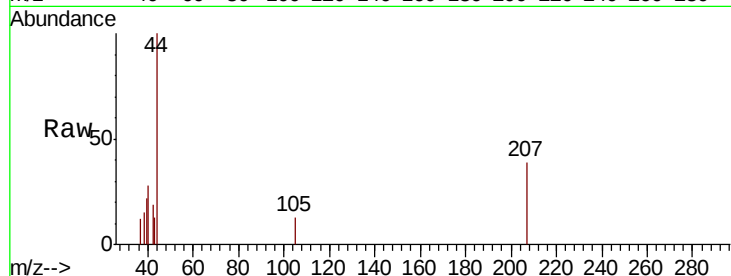
ClientSampled :

Tot Ion: 105 Resp: 67

Ion Ratio Lower Upper

105 100

120 0.0 22.7 68.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.91

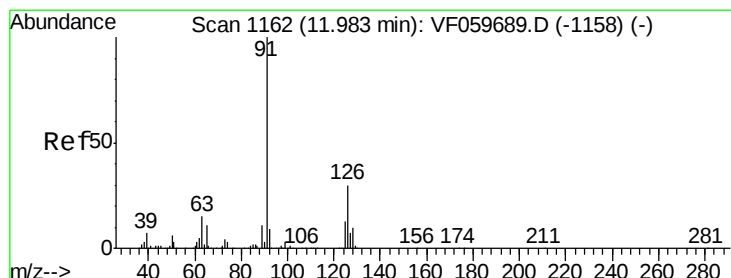
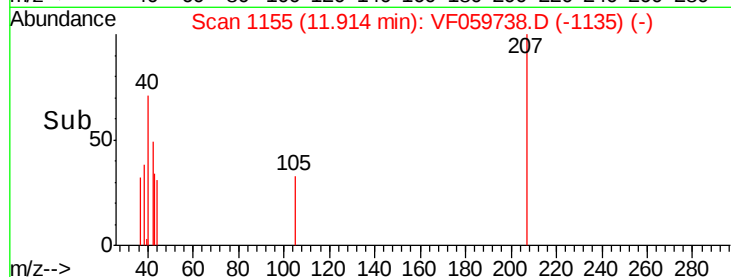
100

50

0

11.88 11.90 11.92 11.94

Time-->



#82

4-Chlorotoluene

Concen: Below Cal

RT: 11.99 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VF059738.D

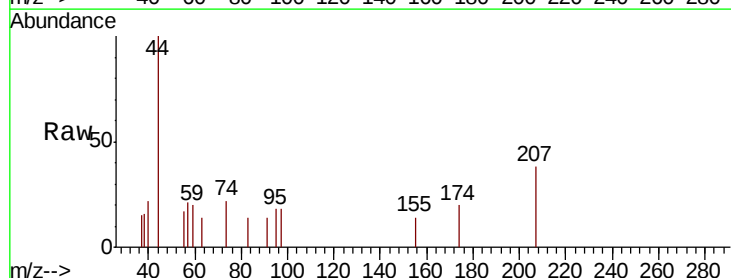
Acq: 1 Aug 2018 6:26

Tgt Ion: 91 Resp: 61

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

11.99

100

80

60

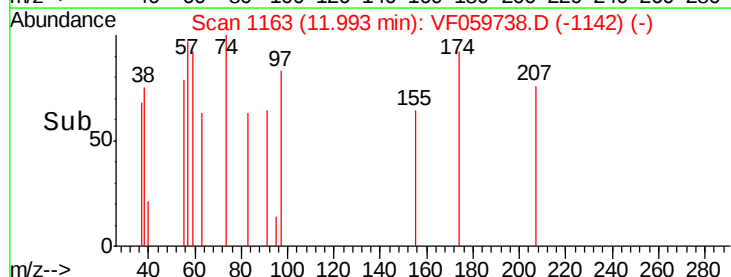
40

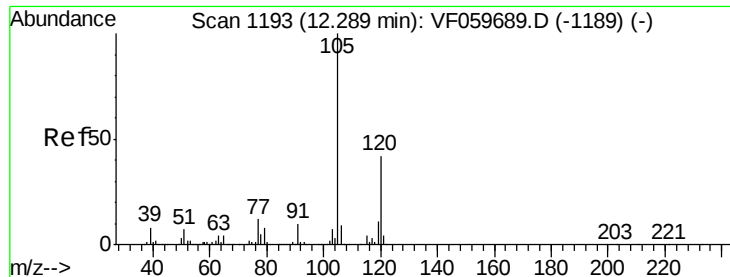
20

0

11.96 11.98 12.00 12.02

Time-->

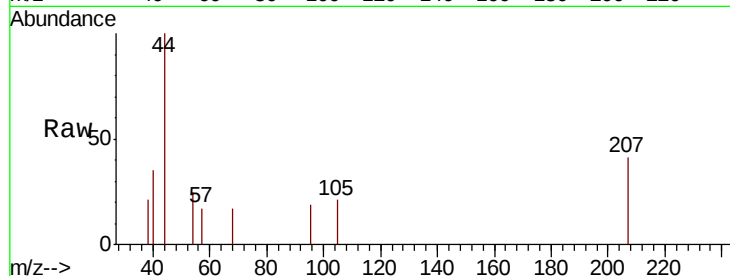




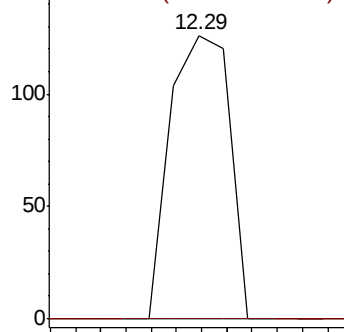
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 12.29 min Scan# 1193
Delta R.T. 0.00 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Instrument :
MSVOA_F
ClientSampled :

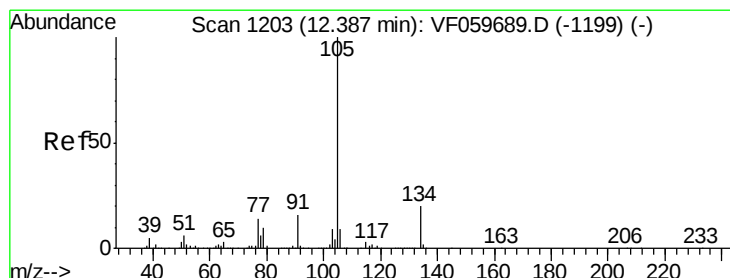
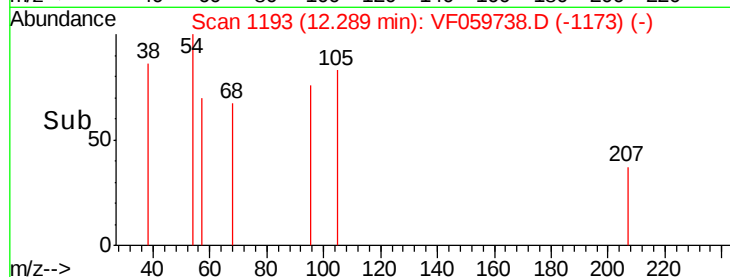
Tot Ion:105 Resp: 207
Ion Ratio Lower Upper
105 100
120 0.0 21.1 63.3#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

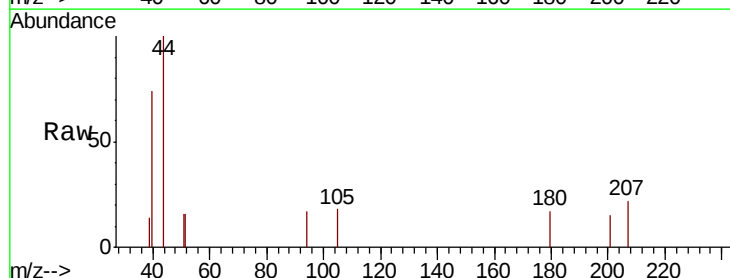


Time-->

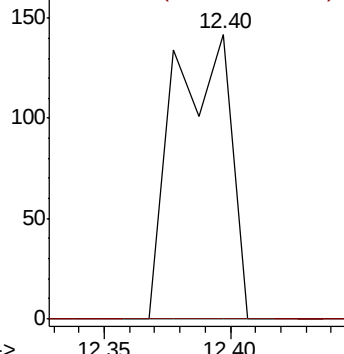


#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.40 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

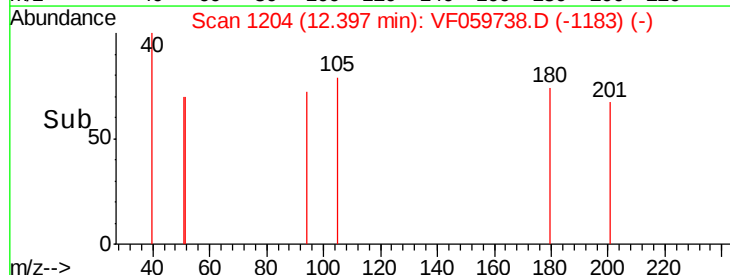
Tgt Ion:105 Resp: 223
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

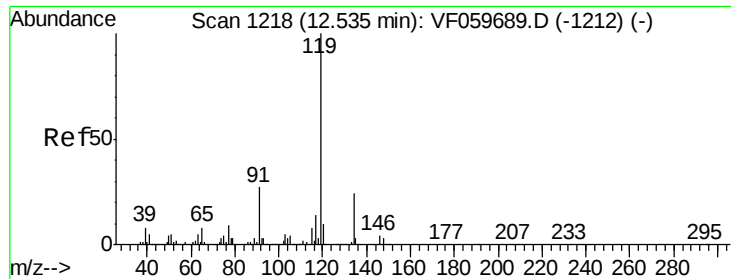


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



Time-->

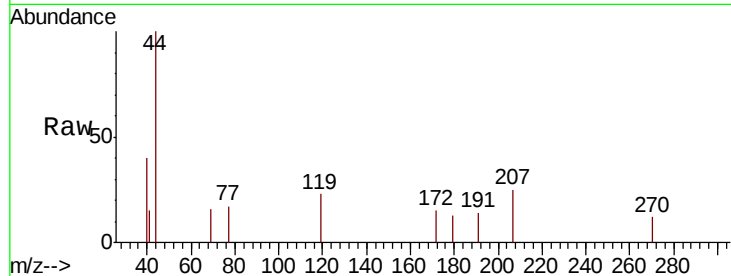




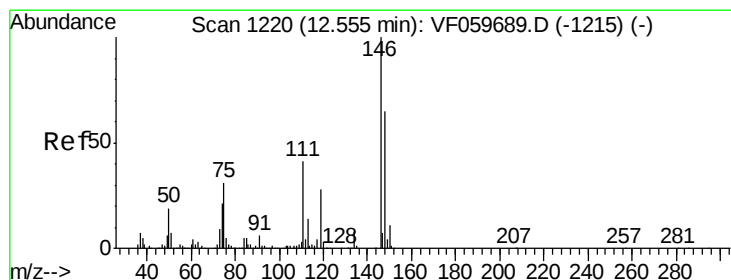
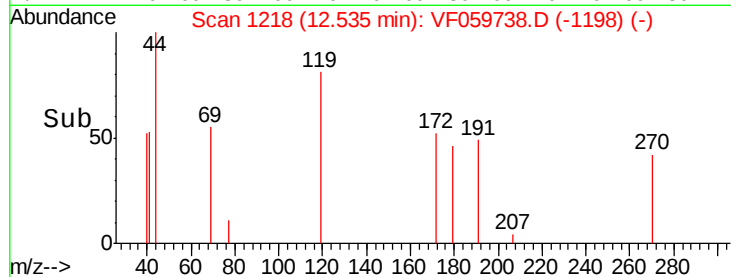
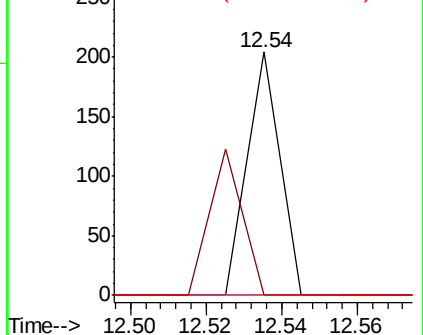
#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.54 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Instrument :
MSVOA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.6#
91	0.0	13.4	40.2#

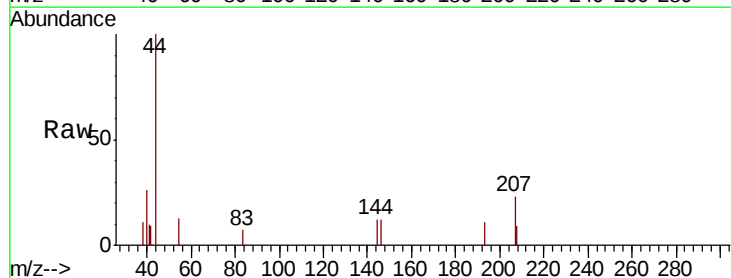


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

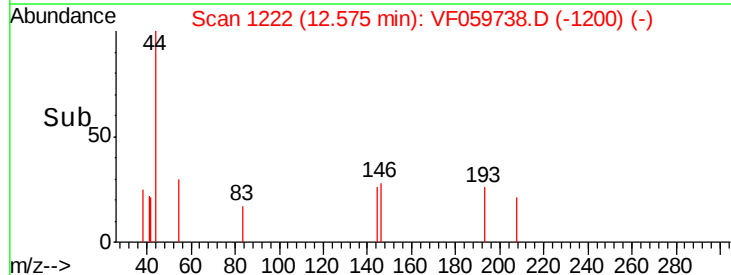
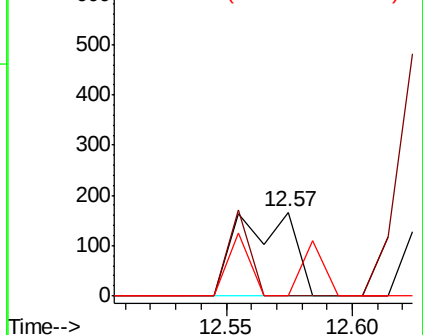


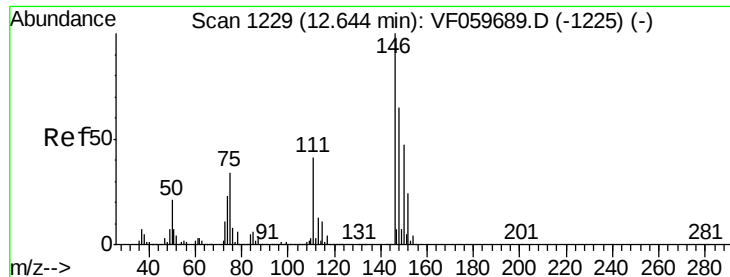
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.57 min Scan# 1222
Delta R.T. 0.02 min
Lab File: VF059738.D
Acq: 1 Aug 2018 6:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.7	62.1#
148	0.0	32.3	96.8#



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

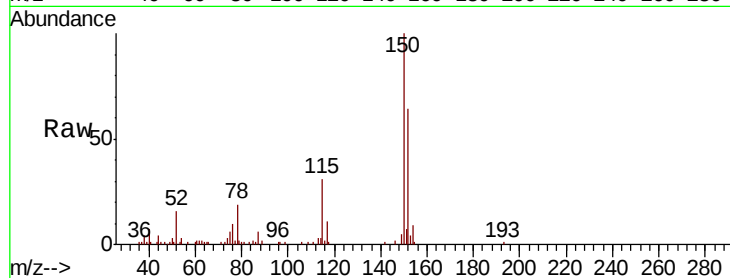




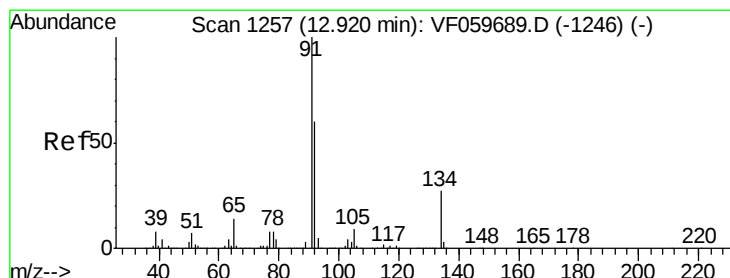
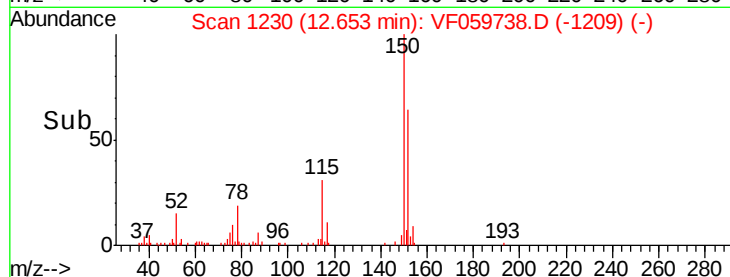
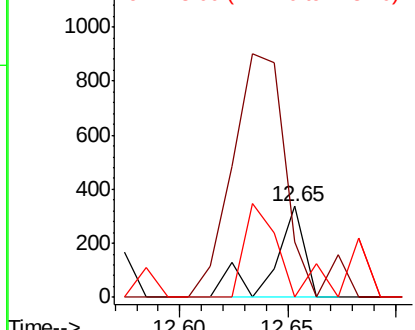
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.65 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VF059738.D
 Acq: 1 Aug 2018 6:26

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion:146 Resp: 339
 Ion Ratio Lower Upper
 146 100
 111 61.6 20.8 62.2
 148 0.0 32.3 96.9#

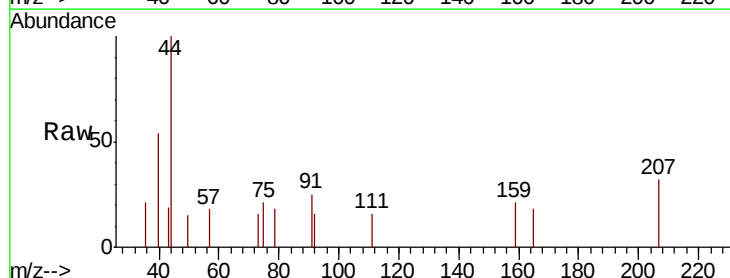


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

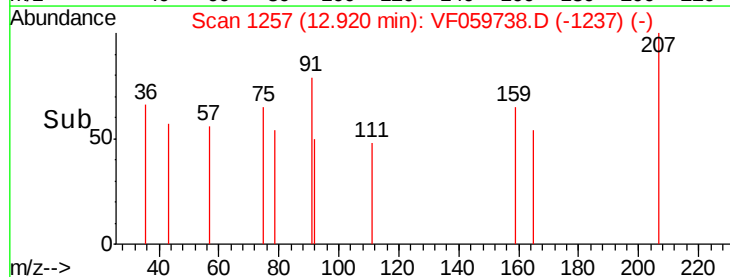
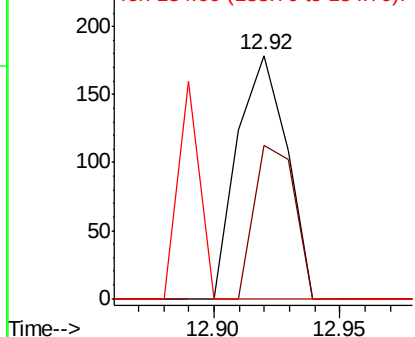


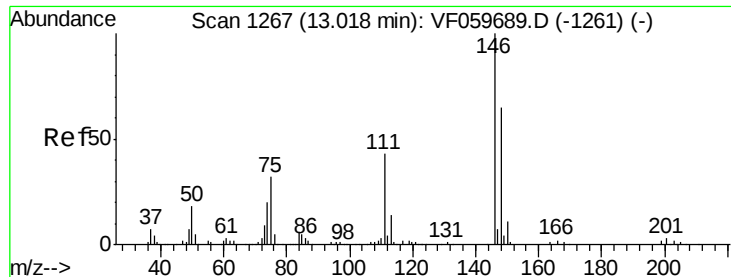
#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.92 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VF059738.D
 Acq: 1 Aug 2018 6:26

Tgt Ion: 91 Resp: 244
 Ion Ratio Lower Upper
 91 100
 92 63.1 30.1 90.3
 134 0.0 13.7 41.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0
 Ion 92.00 (91.70 to 92.70): VF0
 Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.02 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VF059738.D

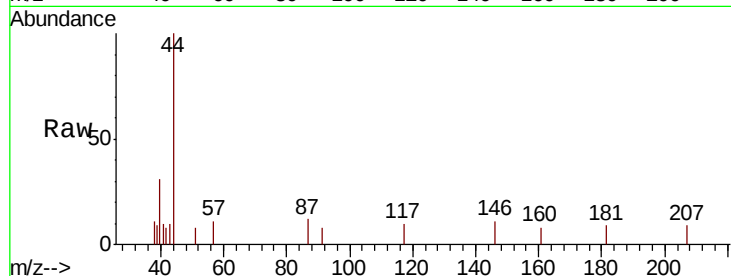
Acq: 1 Aug 2018 6:26

Instrument :

MSVOA_F

ClientSampleId :

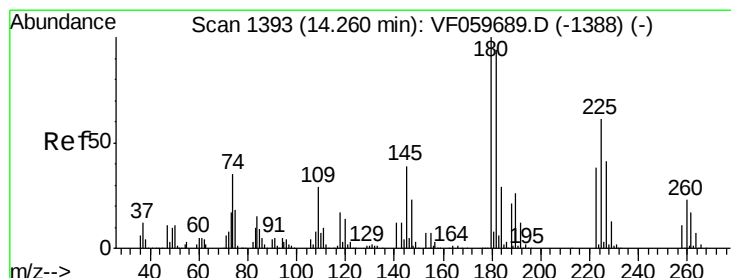
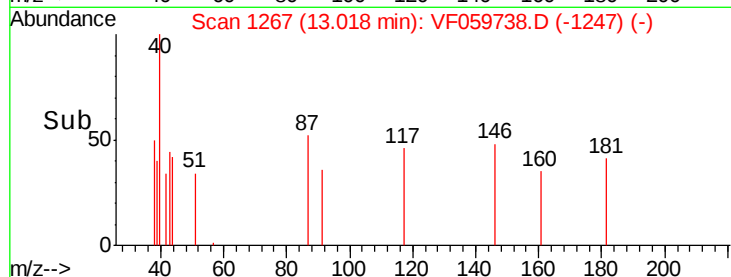
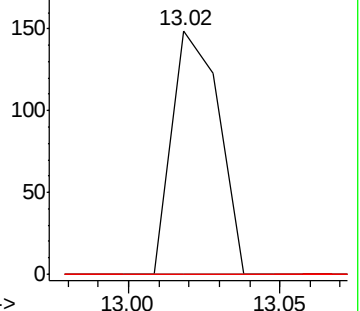
Tot Ion:	146	Resp:	161
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.6	65.0#
148	0.0	32.3	96.9#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#93

1,2,4-Trichlorobenzene

Concen: Below Cal

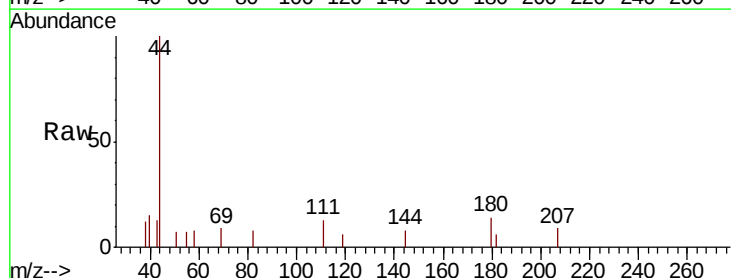
RT: 14.27 min Scan# 1394

Delta R.T. 0.01 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

Tgt Ion:	180	Resp:	293
Ion	Ratio	Lower	Upper
180	100		
182	44.9	47.2	141.6#
145	0.0	19.3	57.9#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

