

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
 Data File : VF056656.D
 Acq On : 23 Feb 2018 15:11
 Operator : JC/SY
 Sample : J1398-05
 Misc : 6.91g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

Quant Time: Feb 24 00:47:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 21 08:56:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.83	168	72	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.51	114	541	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.74	117	63	50.00	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	12.56	152	140	50.00	ug/l	0.08

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.79	65	64	73.53	ug/l	0.03
Spiked Amount	50.000		Recovery	=	147.06%	
35) Dibromofluoromethane	4.11	113	179	43.99	ug/l	0.09
Spiked Amount	50.000		Recovery	=	87.98%	
50) Toluene-d8	7.48	98	138	11.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.62%	
62) 4-Bromofluorobenzene	11.32	95	75	13.52	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	27.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.80	85	104	143.22	ug/l #	45
3) Chloromethane	1.03	50	459	566.79	ug/l #	42
4) Vinyl Chloride	1.10	62	63	109.49	ug/l #	42
5) Bromomethane	1.28	94	66	205.13	ug/l #	1
6) Chloroethane	1.36	64	61	Below	Cal #	43
7) Trichlorofluoromethane	1.49	101	64	106.69	ug/l #	60
8) Diethyl Ether	1.47	74	72	334.53	ug/l	60
9) 1,1,2-Trichlorotrifluoroet	1.83	101	76	149.60	ug/l #	32
10) Methyl Iodide	1.75	142	70	73.92	ug/l #	33
11) Tert butyl alcohol	2.57	59	183	3114.85	ug/l #	67
12) 1,1-Dichloroethene	1.60	96	99	211.57	ug/l #	1
13) Acrolein	2.05	56	63	1001.74	ug/l #	13
14) Allyl chloride	2.05	41	147	182.75	ug/l #	10
15) Acrylonitrile	2.94	53	68	459.30	ug/l #	15
16) Acetone	2.19	43	99	386.47	ug/l #	59
17) Carbon Disulfide	1.85	76	60	49.18	ug/l #	69
18) Methyl Acetate	2.33	43	72	149.26	ug/l #	64
19) Methyl tert-butyl Ether	2.39	73	116	83.83	ug/l #	55
20) Methylene Chloride	2.10	84	88	180.46	ug/l #	1
21) trans-1,2-Dichloroethene	2.27	96	64	129.81	ug/l #	1
22) Diisopropyl ether	2.74	45	104	57.68	ug/l #	28
23) Vinyl Acetate	3.12	43	158	107.69	ug/l #	77
24) 1,1-Dichloroethane	2.81	63	135	135.54	ug/l #	88
25) 2-Butanone	4.33	43	296	649.79	ug/l #	56
26) 2,2-Dichloropropane	3.49	77	74	134.24	ug/l #	57
28) Bromochloromethane	3.61	49	85	183.49	ug/l #	10
29) Tetrahydrofuran	4.04	42	319	1512.40	ug/l #	50
30) Chloroform	3.84	83	77	54.02	ug/l #	18
31) Cyclohexane	3.62	56	60	56.09	ug/l #	20
32) 1,1,1-Trichloroethane	3.99	97	64	74.10	ug/l #	22
36) 1,1-Dichloropropene	4.17	75	63	12.37	ug/l #	43
37) Ethyl Acetate	4.02	43	242	53.13	ug/l #	31
39) Methylcyclohexane	5.25	83	59	10.71	ug/l #	49
40) Benzene	4.64	78	73	5.65	ug/l #	52

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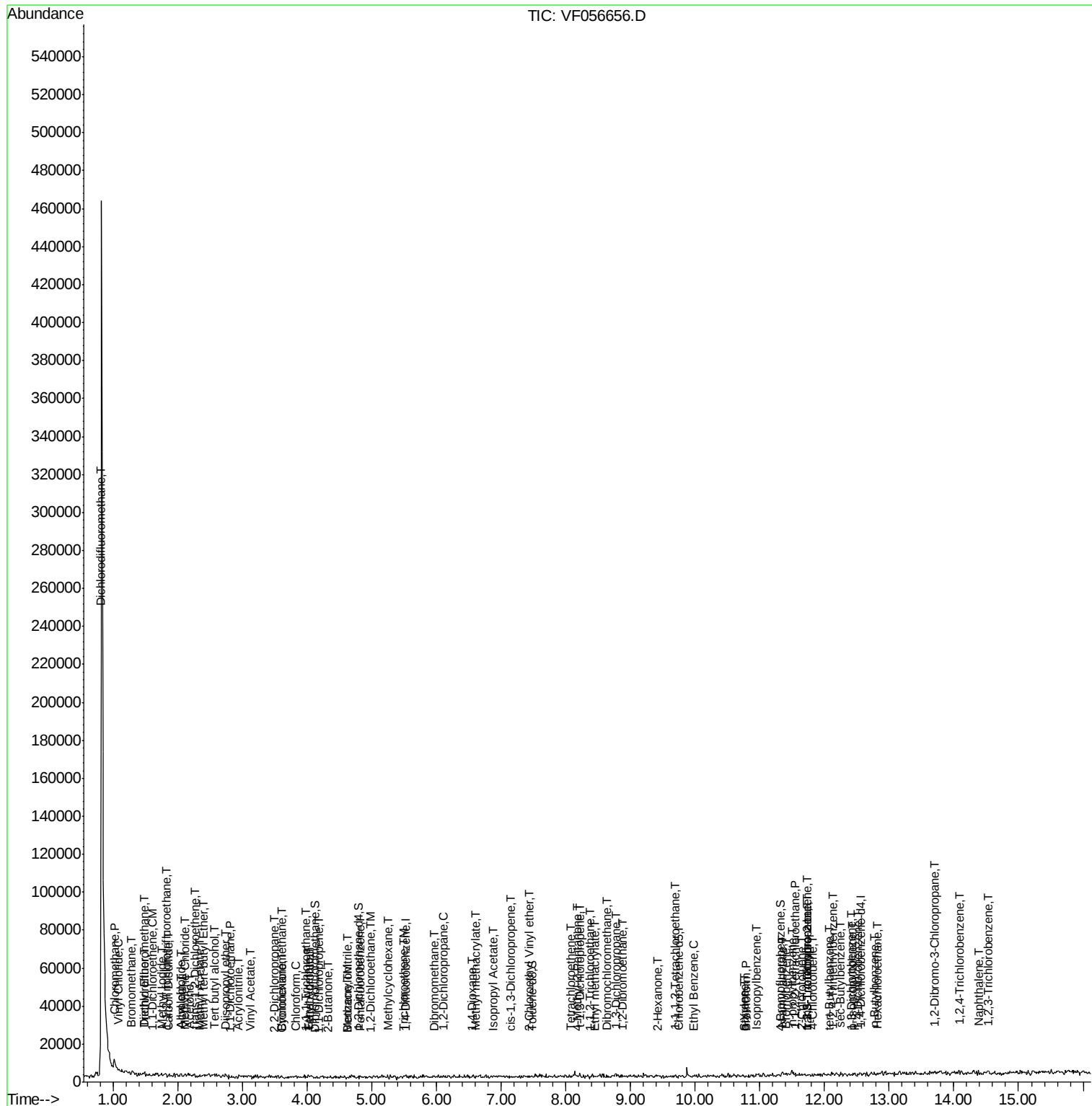
41) Methacrylonitrile	4.63	41	156	70.56	ug/l #	24
42) 1,2-Dichloroethane	4.97	62	130	25.89	ug/l	76
43) Isopropyl Acetate	6.86	43	111	19.88	ug/l #	42
44) Trichloroethene	5.49	130	73	19.26	ug/l	1
45) 1,2-Dichloropropane	6.11	63	62	16.85	ug/l #	43
46) Dibromomethane	5.97	93	67	23.66	ug/l #	5
48) Methyl methacrylate	6.62	41	60	18.34	ug/l #	17
49) 1,4-Dioxane	6.55	88	62	1838.18	ug/l #	26
51) 4-Methyl-2-Pentanone	8.19	43	85	22.25	ug/l #	36
53) t-1,3-Dichloropropene	8.21	75	71	13.47	ug/l #	43
54) cis-1,3-Dichloropropene	7.16	75	76	12.39	ug/l #	29
55) 1,1,2-Trichloroethane	8.37	97	64	18.78	ug/l #	13
56) Ethyl methacrylate	8.45	69	105	23.59	ug/l #	76
57) 1,3-Dichloropropane	8.77	76	66	11.14	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.44	63	64	105.77	ug/l	100
59) 2-Hexanone	9.43	43	186	60.00	ug/l #	25
60) Dibromochloromethane	8.63	129	135	32.67	ug/l #	9
61) 1,2-Dibromoethane	8.88	107	82	20.78	ug/l #	1
64) Tetrachloroethene	8.07	164	60	132.33	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	9.70	131	128	300.80	ug/l #	7
67) Ethyl Benzene	9.96	91	62	29.45	ug/l #	46
69) o-Xylene	10.76	106	60	75.07	ug/l #	1
70) Styrene	10.77	104	98	77.37	ug/l #	27
71) Bromoform	10.79	173	66	193.79	ug/l #	36
73) Isopropylbenzene	10.95	105	82	8.89	ug/l #	49
74) N-amyl acetate	11.36	43	88	21.33	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.56	83	64	22.94	ug/l #	25
76) 1,2,3-Trichloropropane	11.73	75	61	28.50	ug/l #	1
77) Bromobenzene	11.42	156	66	26.38	ug/l #	1
78) n-propylbenzene	11.51	91	232	20.42	ug/l #	55
79) 2-Chlorotoluene	11.65	91	279	41.70	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.73	105	216	28.27	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.73	75	61	52.02	ug/l #	20
82) 4-Chlorotoluene	11.80	91	179	24.60	ug/l #	40
83) tert-Butylbenzene	12.08	119	60	8.11	ug/l #	35
84) 1,2,4-Trimethylbenzene	12.14	105	148	18.57	ug/l #	30
85) sec-Butylbenzene	12.24	105	166	16.30	ug/l #	59
86) p-Isopropyltoluene	12.42	119	206	25.19	ug/l #	49
87) 1,3-Dichlorobenzene	12.40	146	66	14.35	ug/l #	24
88) 1,4-Dichlorobenzene	12.51	146	60	13.58	ug/l #	23
89) n-Butylbenzene	12.78	91	95	6.60	ug/l #	28
90) Hexachloroethane	12.83	117	149	94.78	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	13.70	75	62	119.29	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.08	180	92	30.70	ug/l #	11
95) Naphthalene	14.38	128	434	57.58	ug/l #	64
96) 1,2,3-Trichlorobenzene	14.54	180	128	44.22	ug/l #	11

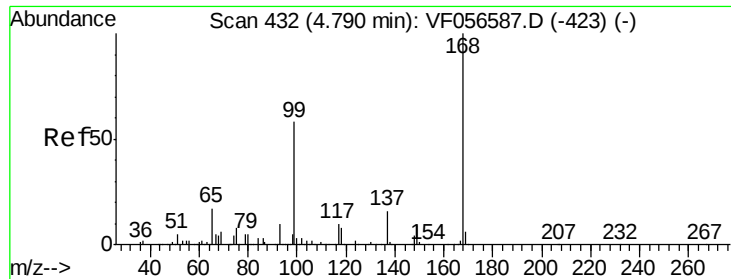
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.83 min Scan# 436

Delta R.T. 0.04 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

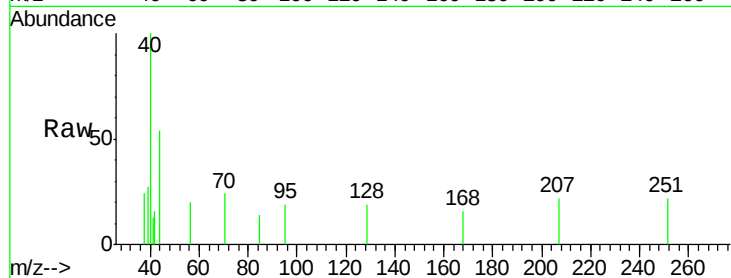
OK-01-022218

Tgt Ion:168 Resp: 72

Ion Ratio Lower Upper

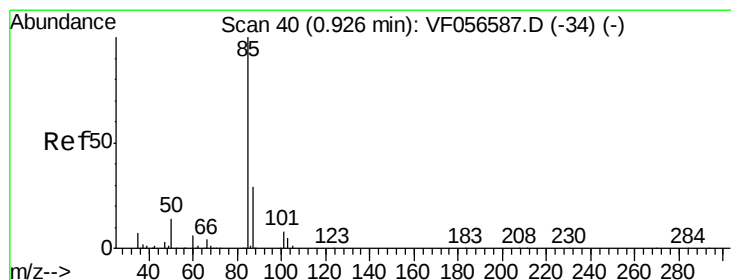
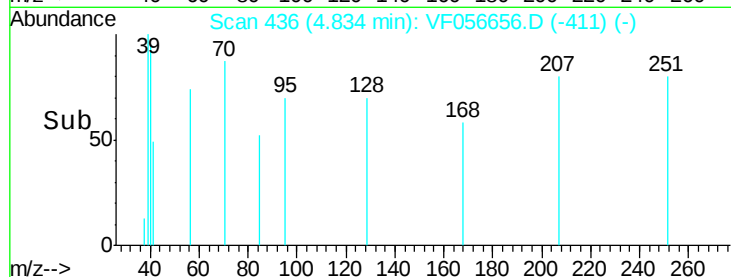
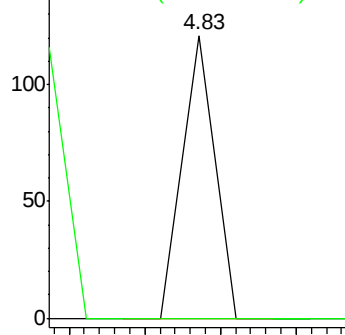
168 100

99 0.0 46.2 69.2#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 143.22 ug/l

RT: 0.80 min Scan# 27

Delta R.T. -0.12 min

Lab File: VF056656.D

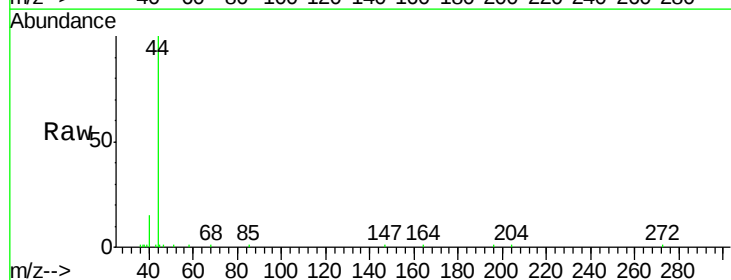
Acq: 23 Feb 2018 15:11

Tgt Ion: 85 Resp: 104

Ion Ratio Lower Upper

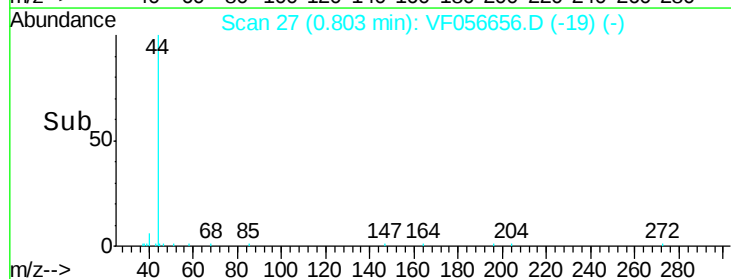
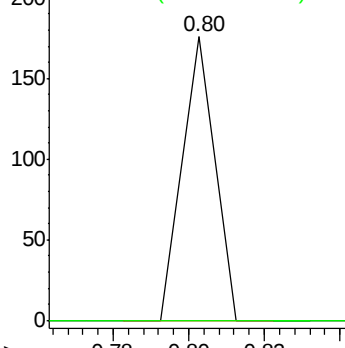
85 100

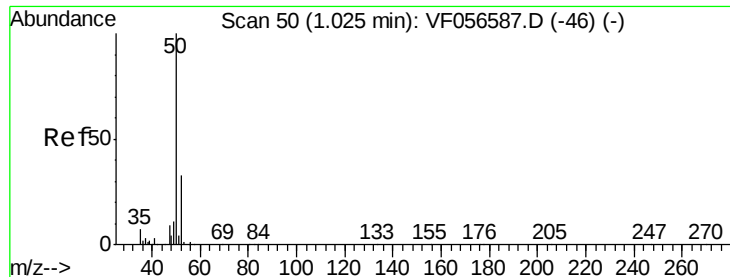
87 0.0 14.7 44.1#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 566.79 ug/l

RT: 1.03 min Scan# 50

Delta R.T. 0.00 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

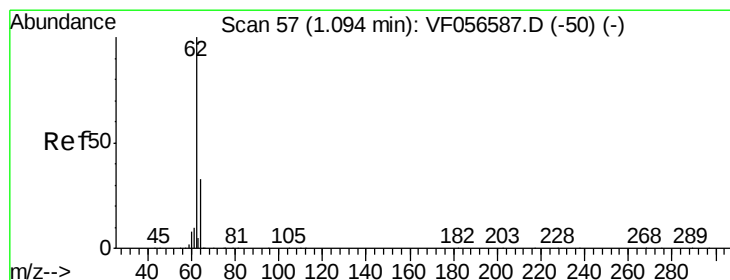
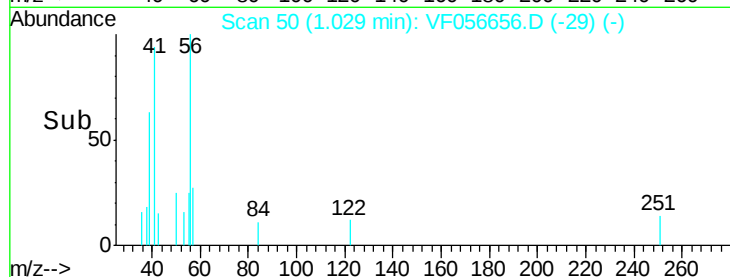
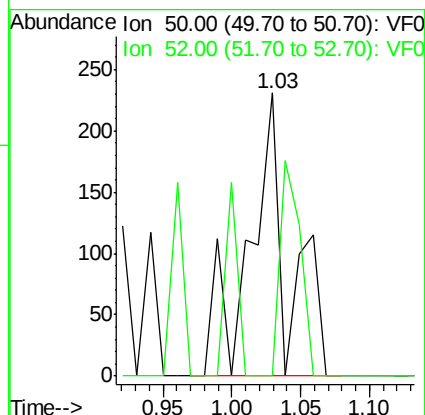
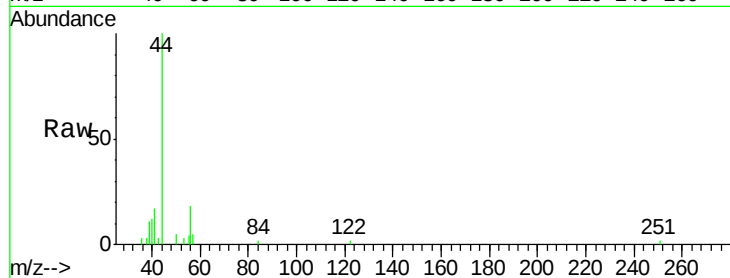
OK-01-022218

Tgt Ion: 50 Resp: 459

Ion Ratio Lower Upper

50 100

52 0.0 25.8 38.8#



#4

Vinyl Chloride

Concen: 109.49 ug/l

RT: 1.10 min Scan# 57

Delta R.T. 0.00 min

Lab File: VF056656.D

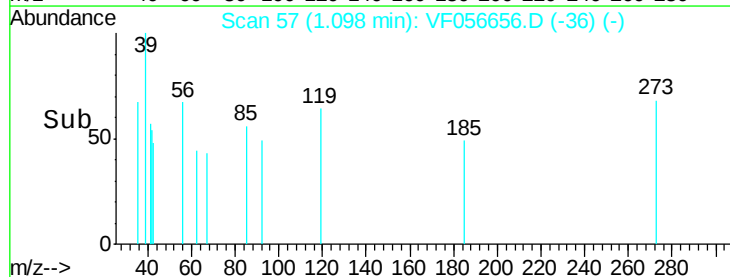
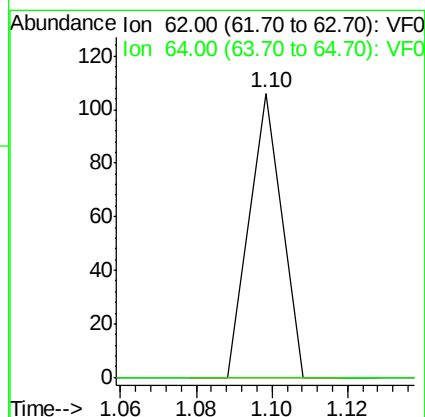
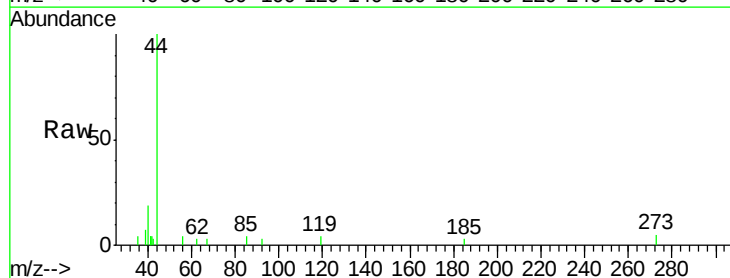
Acq: 23 Feb 2018 15:11

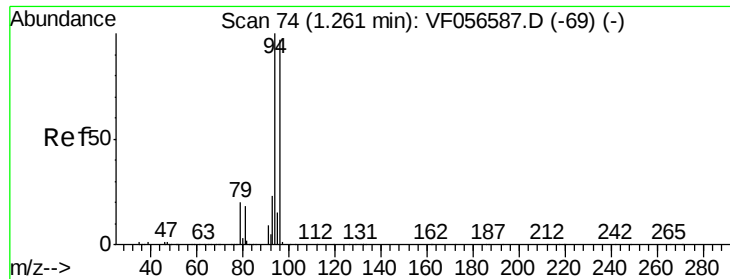
Tgt Ion: 62 Resp: 63

Ion Ratio Lower Upper

62 100

64 0.0 26.4 39.6#





#5

Bromomethane

Concen: 205.13 ug/l

RT: 1.28 min Scan# 75

Delta R.T. 0.01 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

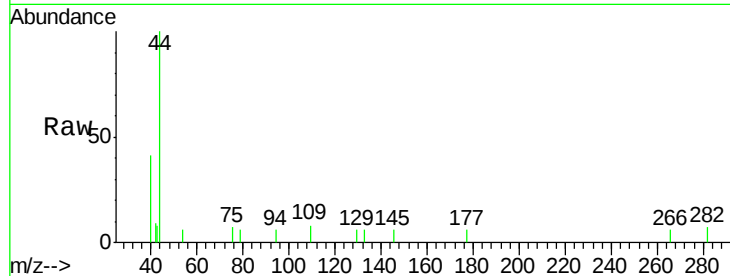
OK-01-022218

Tgt Ion: 94 Resp: 66

Ion Ratio Lower Upper

94 100

96 0.0 77.4 116.0#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

1.28

100

80

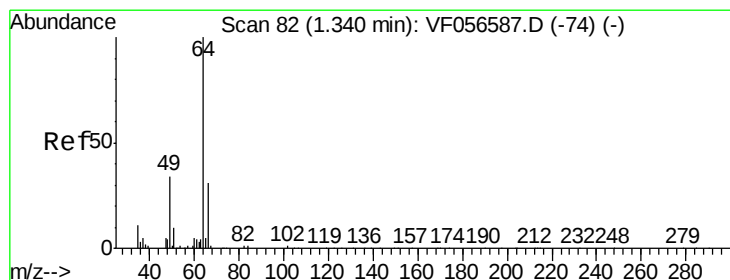
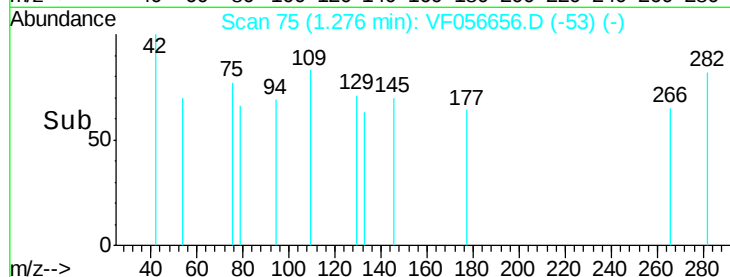
60

40

20

0

Time--> 1.24 1.26 1.28 1.30



#6

Chloroethane

Concen: Below Cal

RT: 1.36 min Scan# 84

Delta R.T. 0.02 min

Lab File: VF056656.D

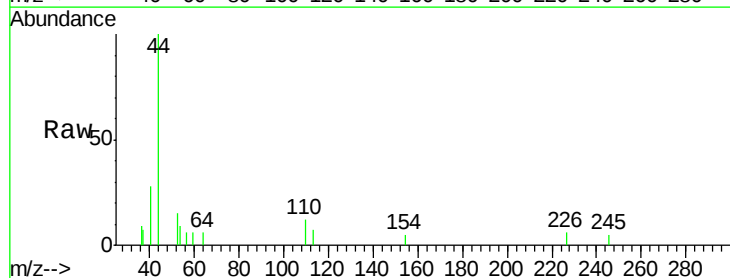
Acq: 23 Feb 2018 15:11

Tgt Ion: 64 Resp: 61

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

1.36

100

80

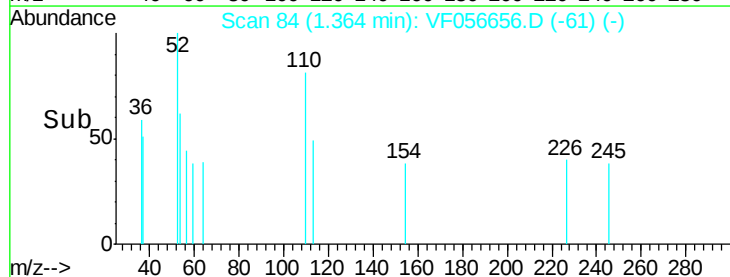
60

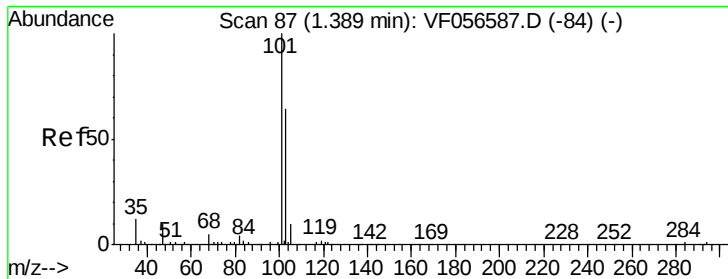
40

20

0

Time--> 1.34 1.36 1.38





#7

Trichlorofluoromethane

Concen: 106.69 ug/l

RT: 1.49 min Scan# 97

Delta R.T. 0.10 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

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ClientSampleId :

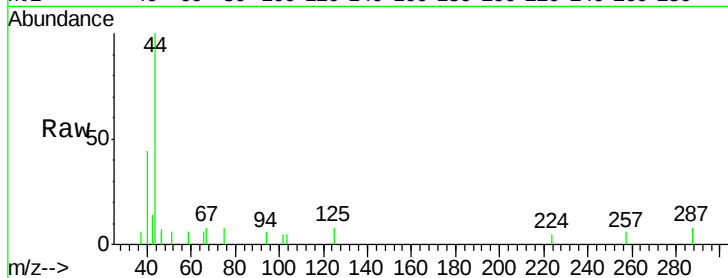
OK-01-022218

Tgt Ion:101 Resp: 64

Ion Ratio Lower Upper

101 100

103 95.4 51.4 77.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.49

100

80

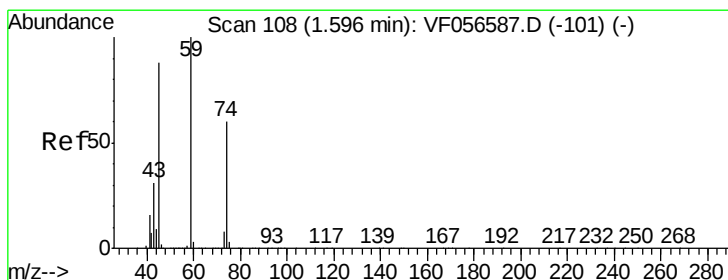
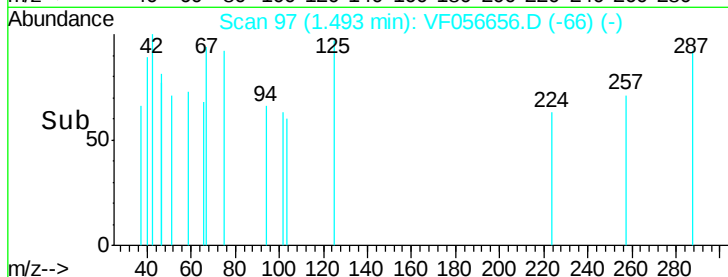
60

40

20

0

Time-->



#8

Diethyl Ether

Concen: 334.53 ug/l

RT: 1.47 min Scan# 95

Delta R.T. -0.12 min

Lab File: VF056656.D

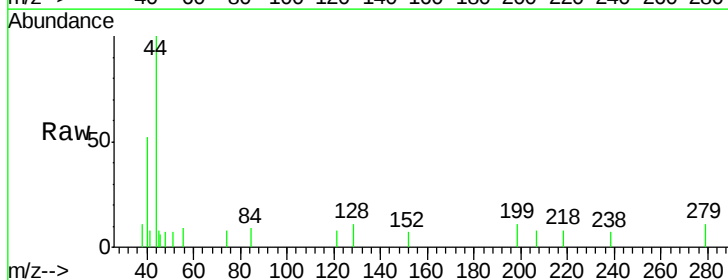
Acq: 23 Feb 2018 15:11

Tgt Ion: 74 Resp: 72

Ion Ratio Lower Upper

74 100

45 96.7 73.5 220.3



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

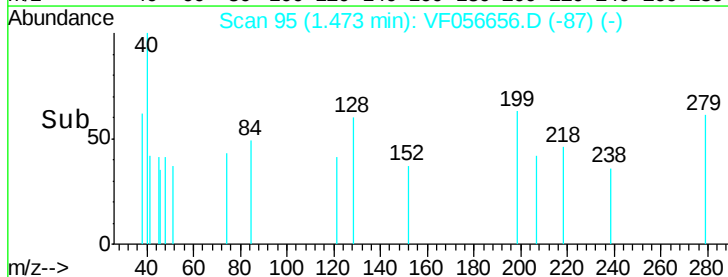
1.47

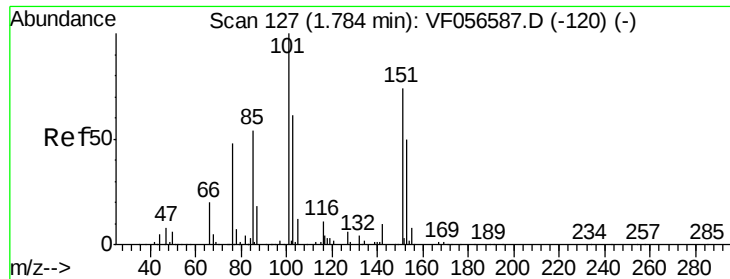
100

50

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.60 ug/l

RT: 1.83 min Scan# 131

Delta R.T. 0.04 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

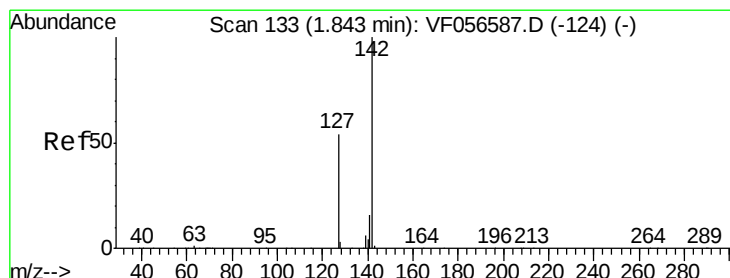
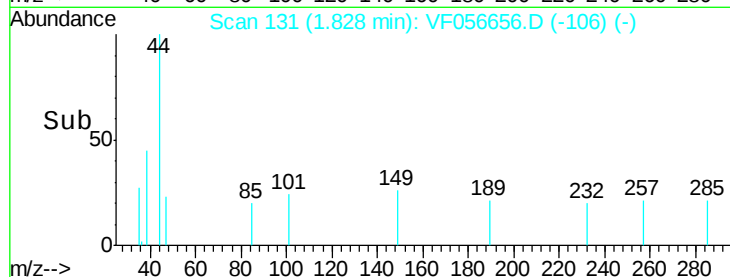
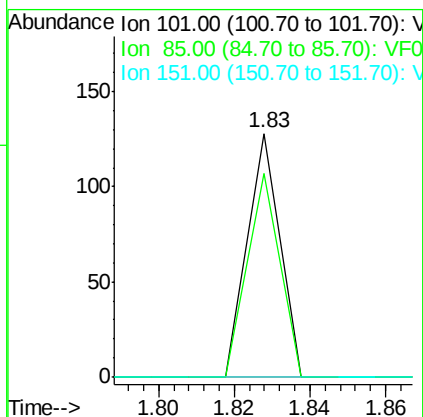
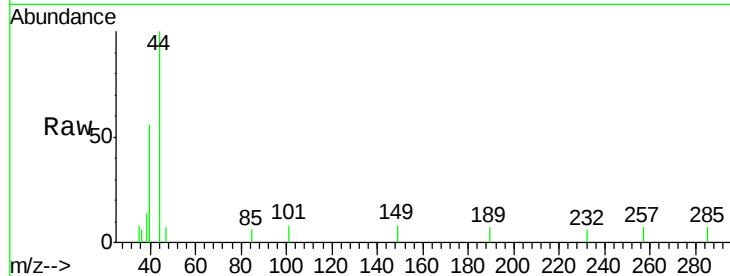
Instrument :

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OK-01-022218

Tgt Ion:	101	Resp:	76
Ion	Ratio	Lower	Upper
101	100		
85	83.6	41.7	62.5#
151	0.0	56.6	85.0#



#10

Methyl Iodide

Concen: 73.92 ug/l

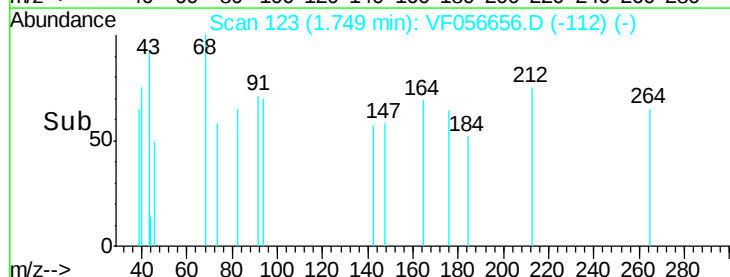
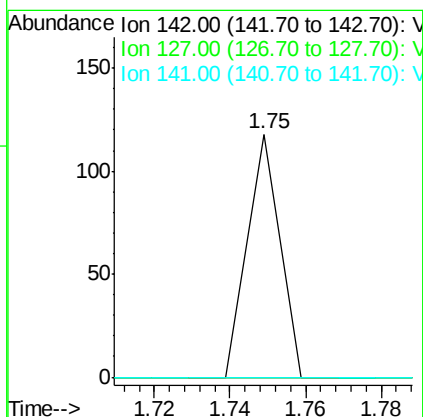
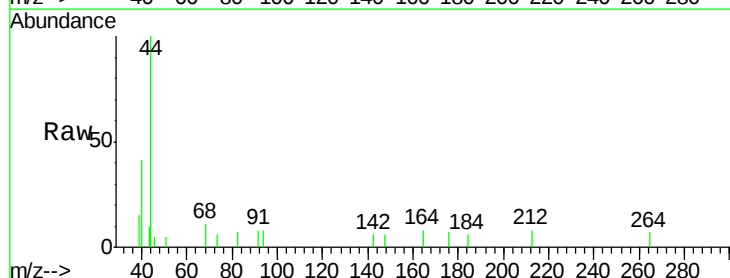
RT: 1.75 min Scan# 123

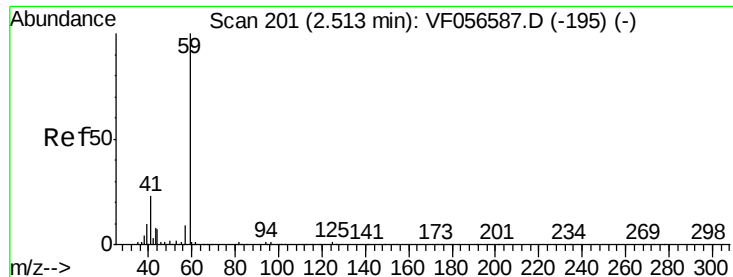
Delta R.T. -0.09 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Tgt Ion:	142	Resp:	70
Ion	Ratio	Lower	Upper
142	100		
127	0.0	43.4	65.0#
141	0.0	13.0	19.4#



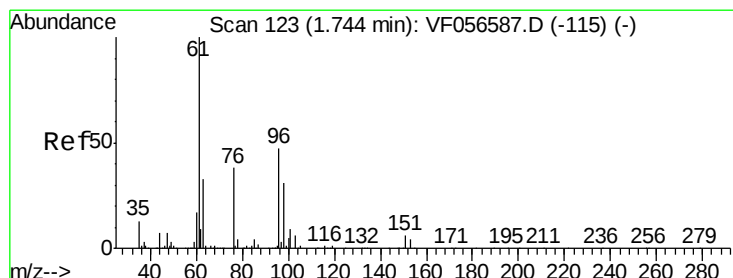
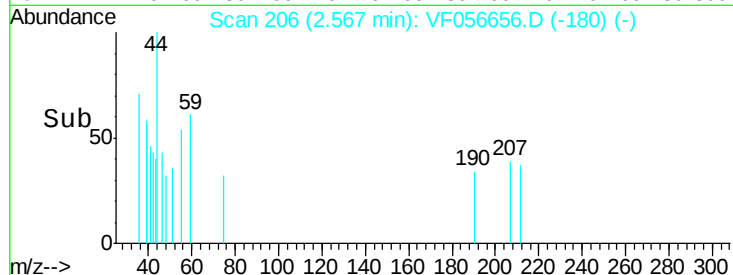
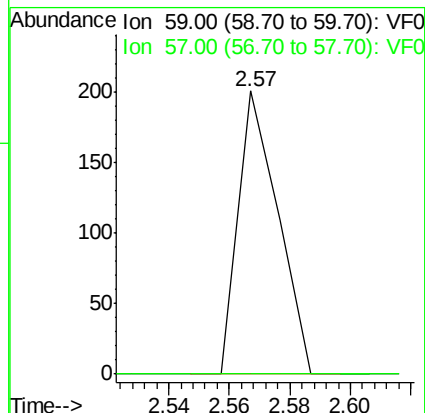
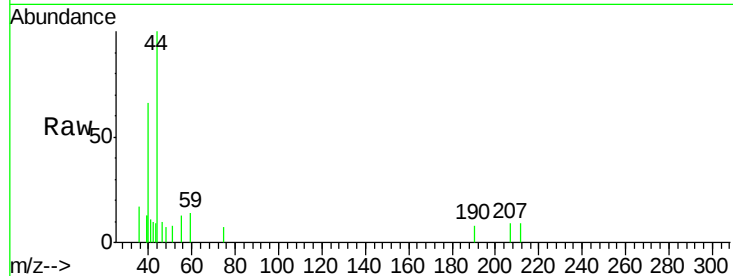


#11

Tert butyl alcohol
 Concen: 3114.85 ug/l
 RT: 2.57 min Scan# 206
 Delta R.T. 0.05 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

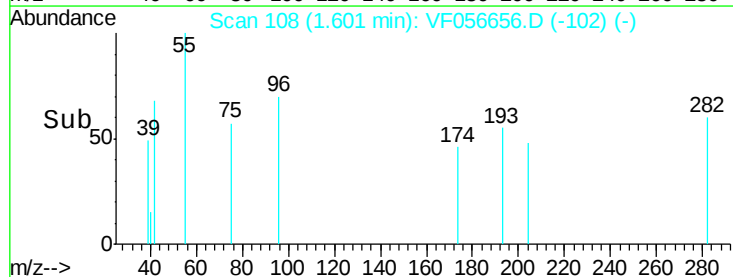
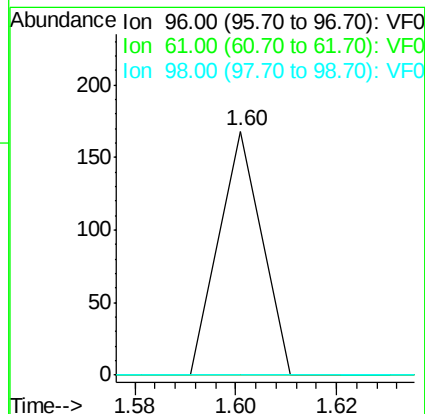
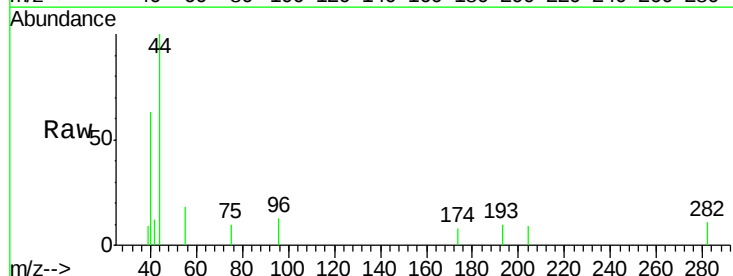
Tgt Ion: 59 Resp: 183
 Ion Ratio Lower Upper
 59 100
 57 0.0 10.3 15.5#

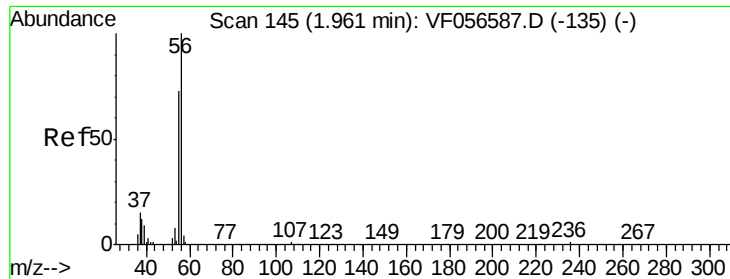


#12

1,1-Dichloroethene
 Concen: 211.57 ug/l
 RT: 1.60 min Scan# 108
 Delta R.T. -0.14 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Tgt Ion: 96 Resp: 99
 Ion Ratio Lower Upper
 96 100
 61 0.0 168.8 253.2#
 98 0.0 52.2 78.4#





#13

Acrolein

Concen: 1001.74 ug/l

RT: 2.05 min Scan# 154

Delta R.T. 0.09 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

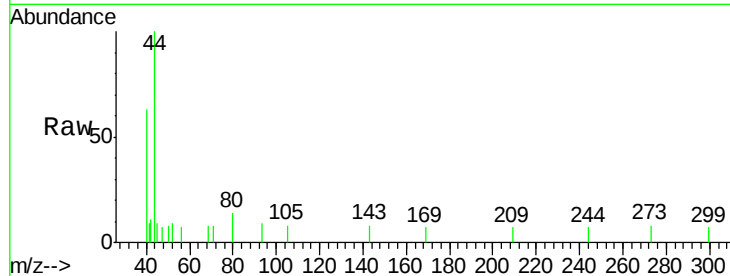
OK-01-022218

Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

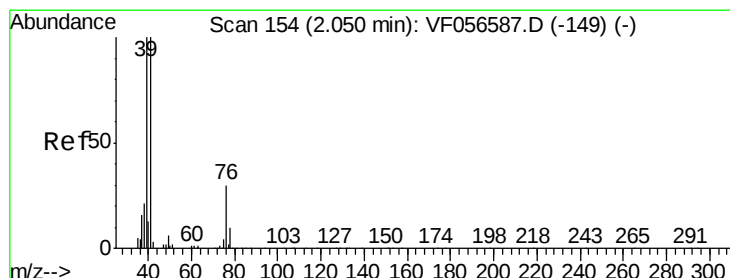
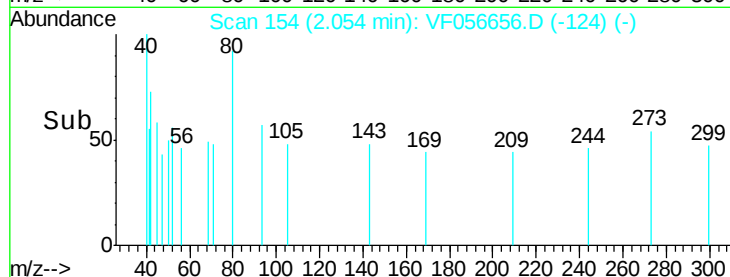
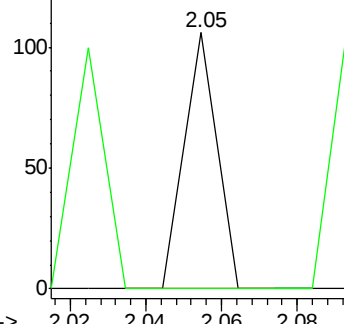
56 100

55 0.0 58.6 88.0#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 182.75 ug/l

RT: 2.05 min Scan# 154

Delta R.T. 0.00 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

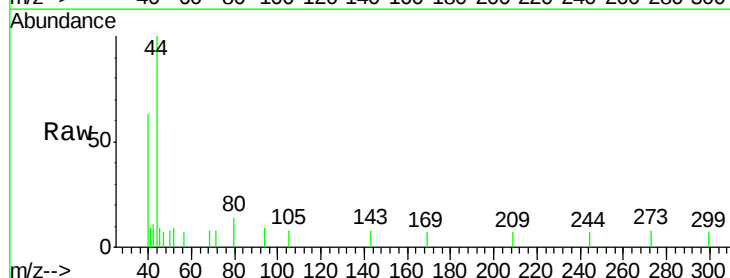
Tgt Ion: 41 Resp: 147

Ion Ratio Lower Upper

41 100

39 0.0 79.8 119.6#

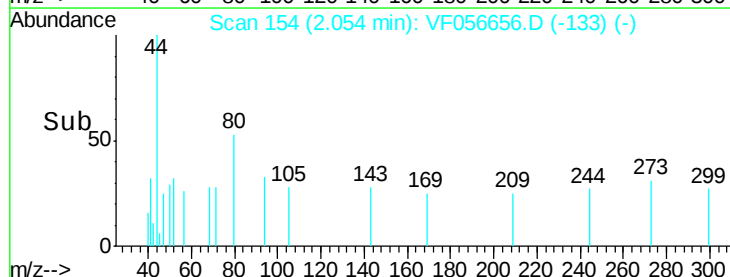
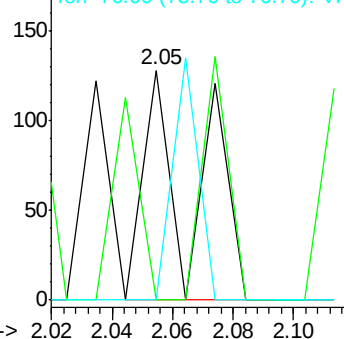
76 0.0 25.4 38.2#

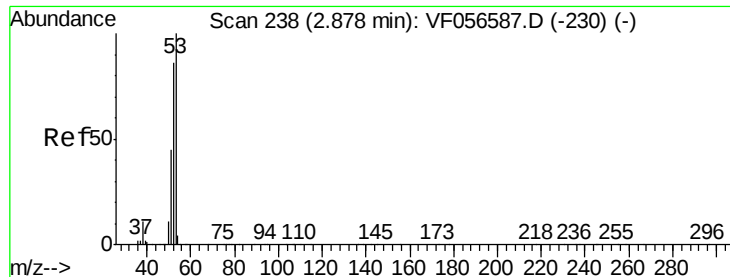


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 459.30 ug/l

RT: 2.94 min Scan# 244

Delta R.T. 0.06 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

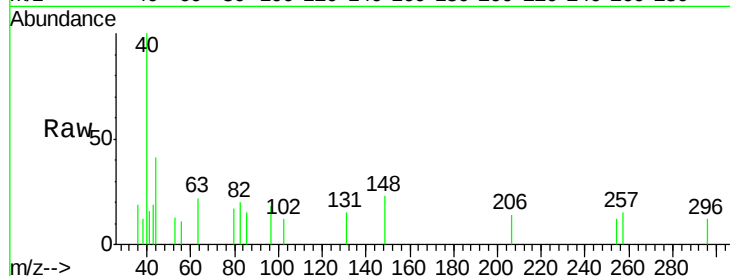
Tgt Ion: 53 Resp: 68

Ion Ratio Lower Upper

53 100

52 0.0 68.4 102.6#

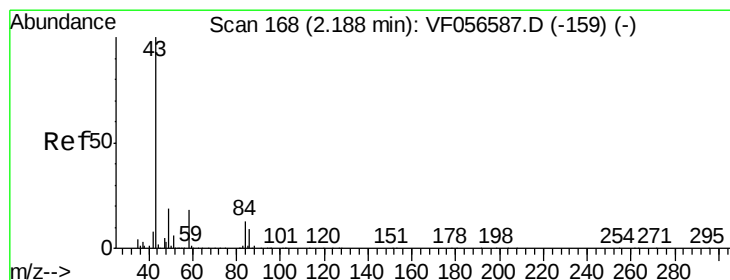
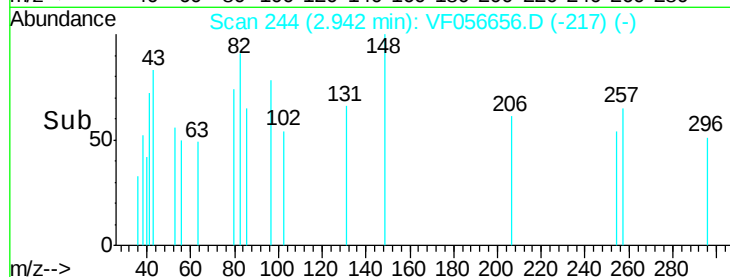
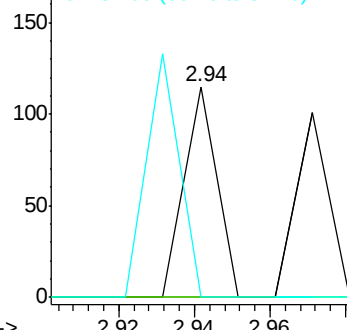
51 0.0 35.8 53.6#



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: 386.47 ug/l

RT: 2.19 min Scan# 168

Delta R.T. 0.00 min

Lab File: VF056656.D

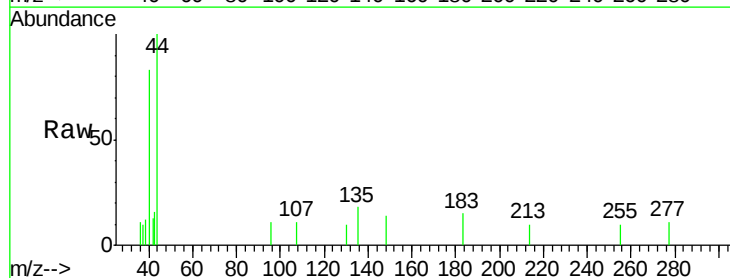
Acq: 23 Feb 2018 15:11

Tgt Ion: 43 Resp: 99

Ion Ratio Lower Upper

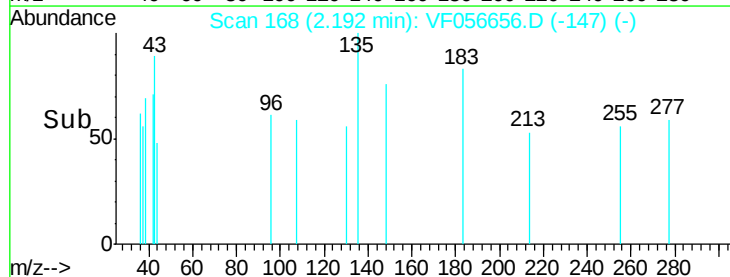
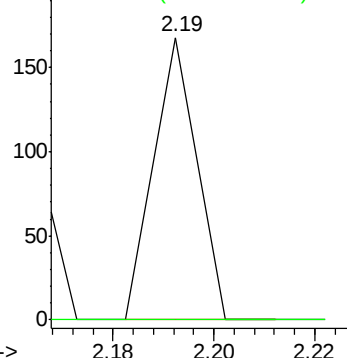
43 100

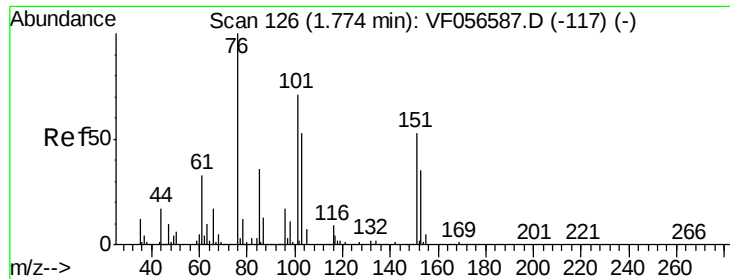
58 0.0 14.7 22.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 49.18 ug/l

RT: 1.85 min Scan# 133

Delta R.T. 0.07 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

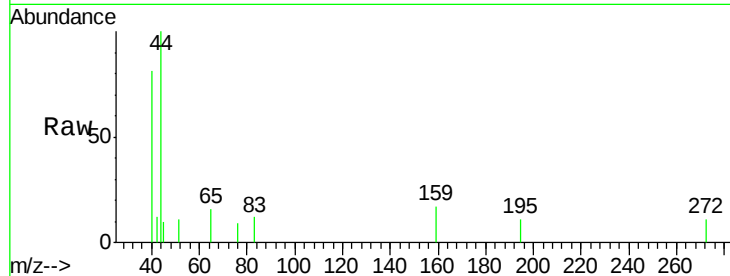
OK-01-022218

Tgt Ion: 76 Resp: 60

Ion Ratio Lower Upper

76 100

78 0.0 9.5 14.3#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

1.85

100

80

60

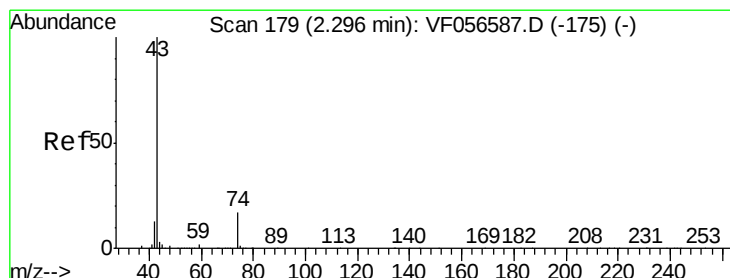
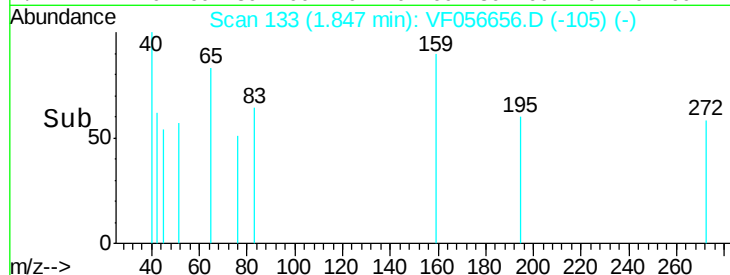
40

20

0

1.82 1.84 1.86 1.88

Time-->



#18

Methyl Acetate

Concen: 149.26 ug/l

RT: 2.33 min Scan# 182

Delta R.T. 0.03 min

Lab File: VF056656.D

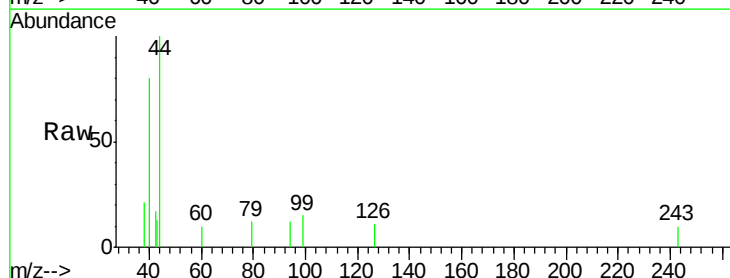
Acq: 23 Feb 2018 15:11

Tgt Ion: 43 Resp: 72

Ion Ratio Lower Upper

43 100

74 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

2.33

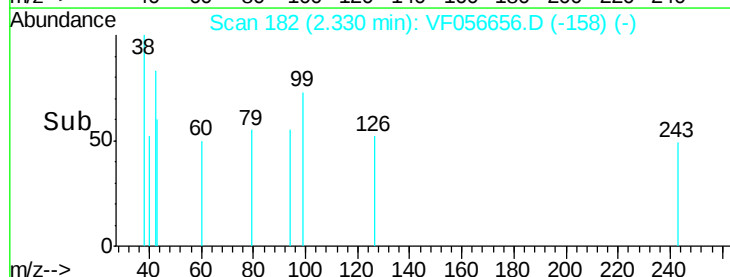
100

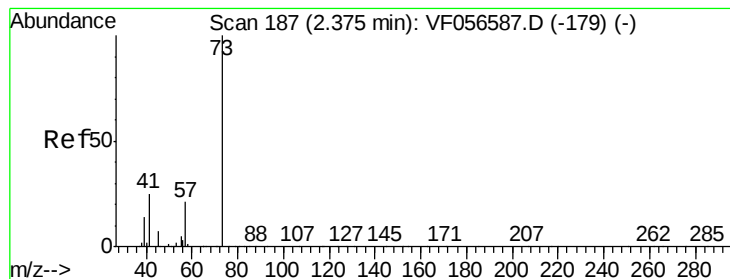
50

0

2.30 2.32 2.34 2.36

Time-->





#19

Methyl tert-butyl Ether

Concen: 83.83 ug/l

RT: 2.39 min Scan# 188

Delta R.T. 0.01 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

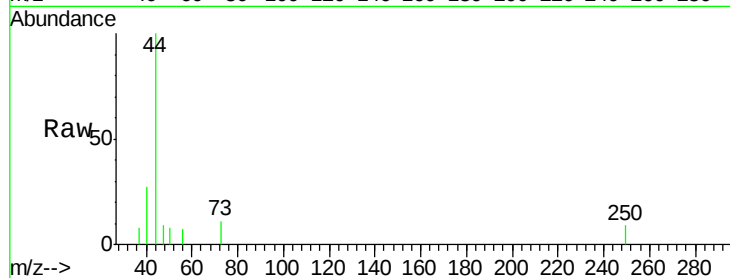
OK-01-022218

Tgt Ion: 73 Resp: 116

Ion Ratio Lower Upper

73 100

57 0.0 16.7 25.1#



Abundance Ion 73.00 (72.70 to 73.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.39

200

150

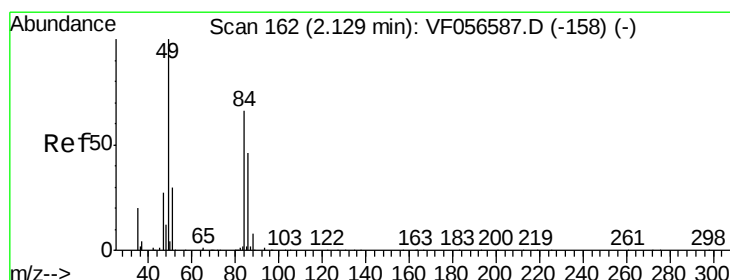
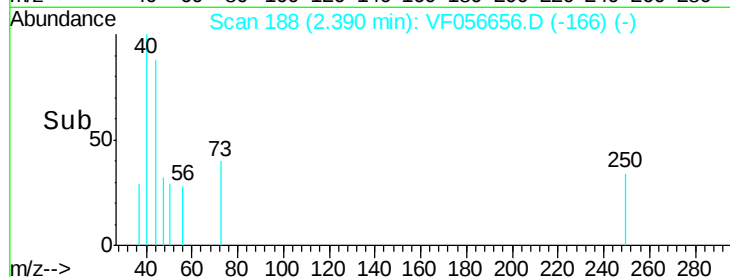
100

50

0

2.36 2.38 2.40 2.42

Time-->



#20

Methylene Chloride

Concen: 180.46 ug/l

RT: 2.10 min Scan# 159

Delta R.T. -0.02 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Tgt Ion: 84 Resp: 88

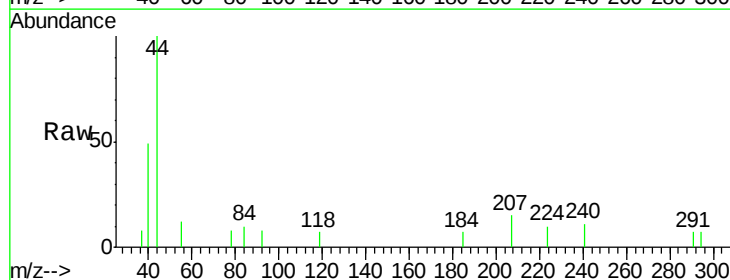
Ion Ratio Lower Upper

84 100

49 0.0 121.4 182.0#

51 0.0 37.1 55.7#

86 0.0 55.5 83.3#



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

250

200

150

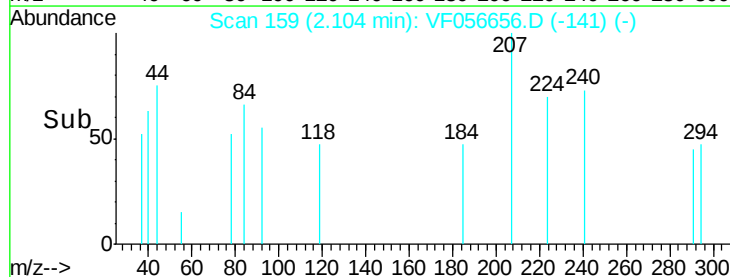
100

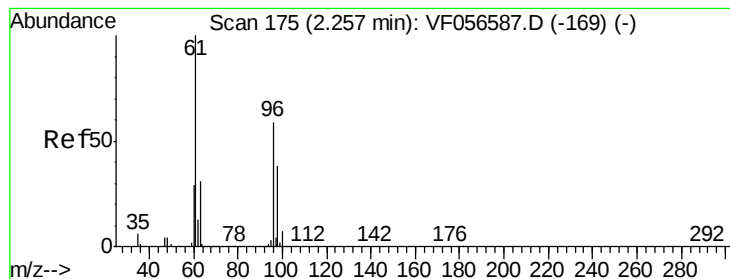
50

0

2.08 2.10 2.12

Time-->





#21

trans-1,2-Dichloroethene

Concen: 129.81 ug/l

RT: 2.27 min Scan# 176

Delta R.T. 0.01 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

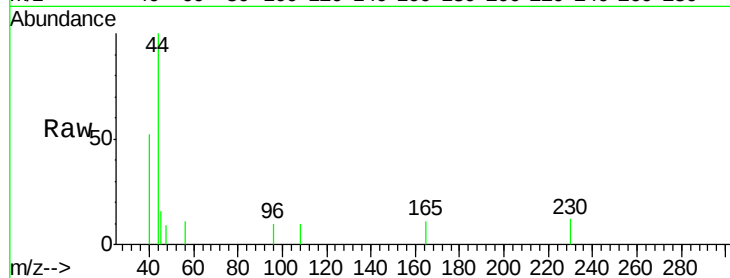
Tgt Ion: 96 Resp: 64

Ion Ratio Lower Upper

96 100

61 0.0 136.4 204.6#

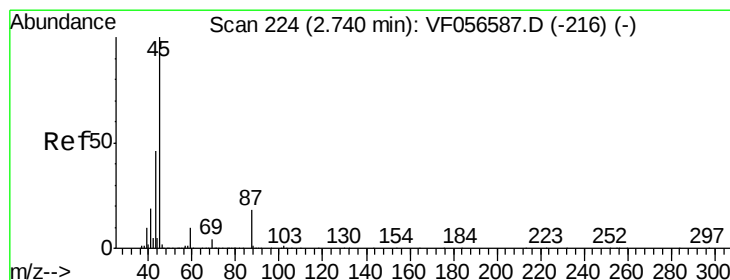
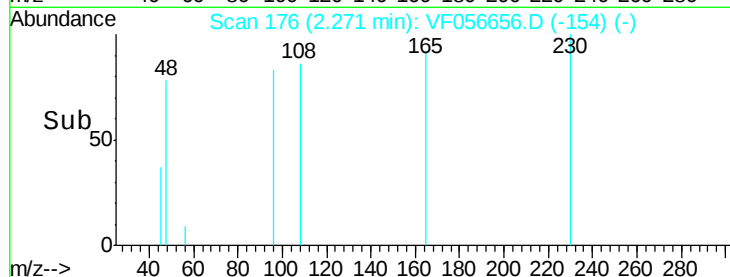
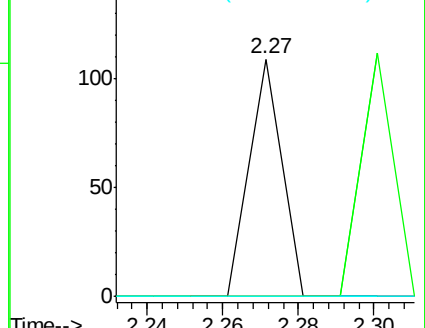
98 0.0 51.4 77.0#



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: 57.68 ug/l

RT: 2.74 min Scan# 224

Delta R.T. 0.00 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Tgt Ion: 45 Resp: 104

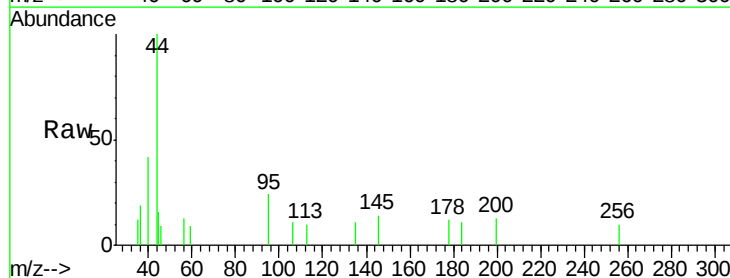
Ion Ratio Lower Upper

45 100

43 0.0 37.4 56.0#

87 0.0 14.6 22.0#

59 59.7 8.5 12.7#

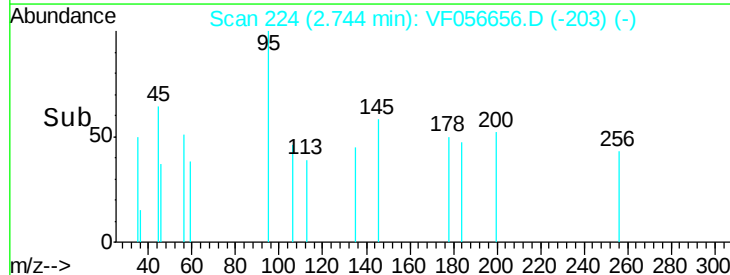
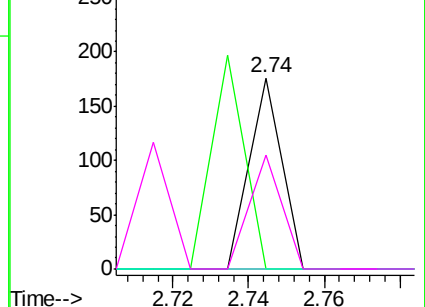


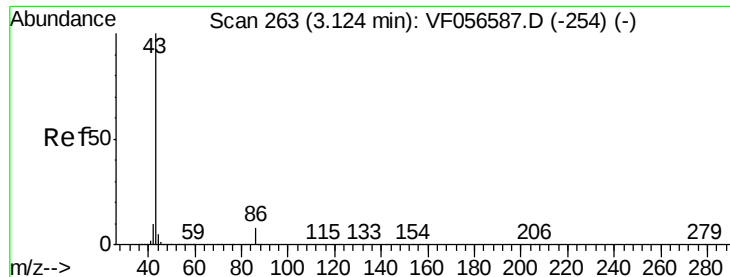
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 107.69 ug/l

RT: 3.12 min Scan# 262

Delta R.T. -0.01 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

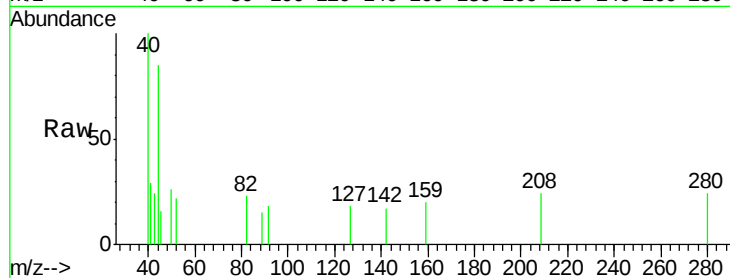
OK-01-022218

Tgt Ion: 43 Resp: 158

Ion Ratio Lower Upper

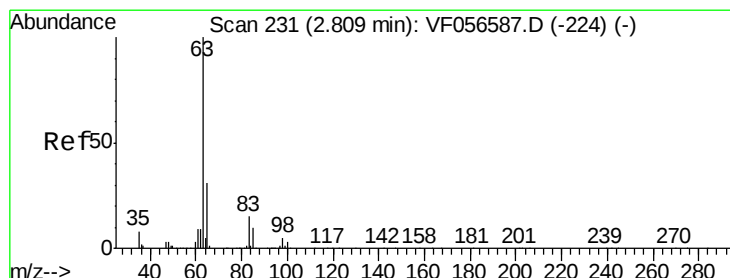
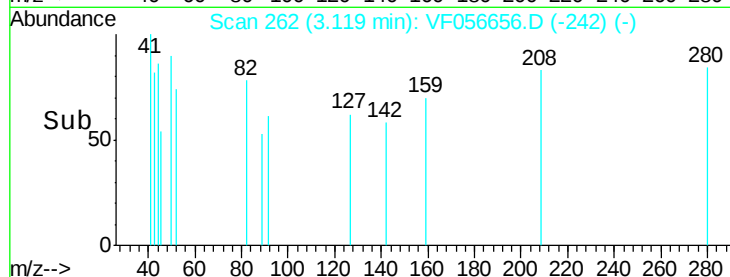
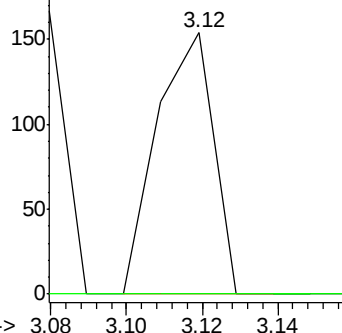
43 100

86 0.0 6.6 10.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 135.54 ug/l

RT: 2.81 min Scan# 231

Delta R.T. 0.00 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

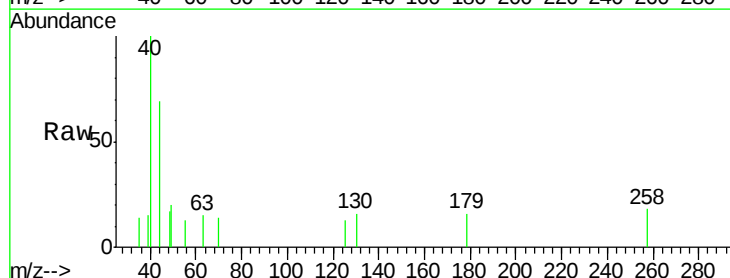
Tgt Ion: 63 Resp: 135

Ion Ratio Lower Upper

63 100

98 0.0 2.3 6.8#

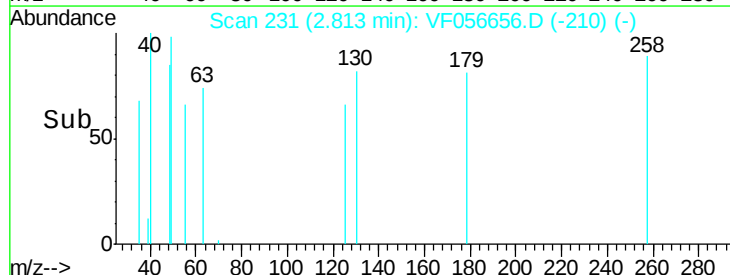
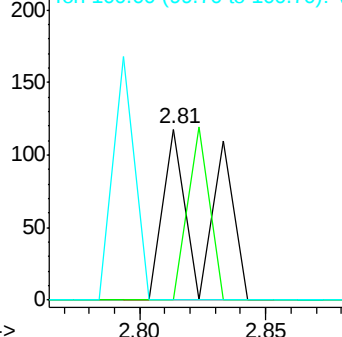
100 0.0 1.6 4.7#

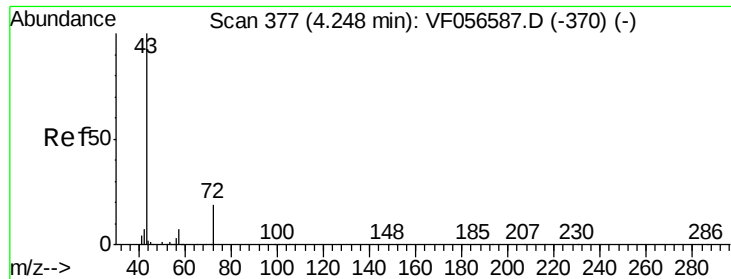


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 649.79 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.08 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

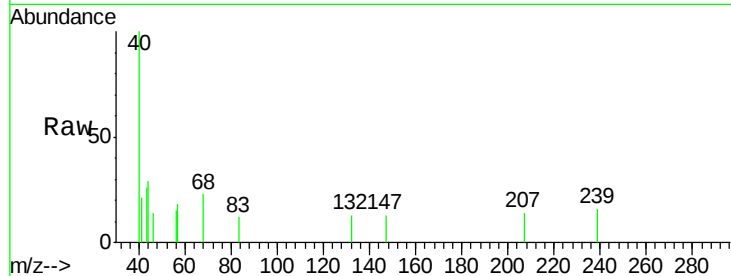
OK-01-022218

Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

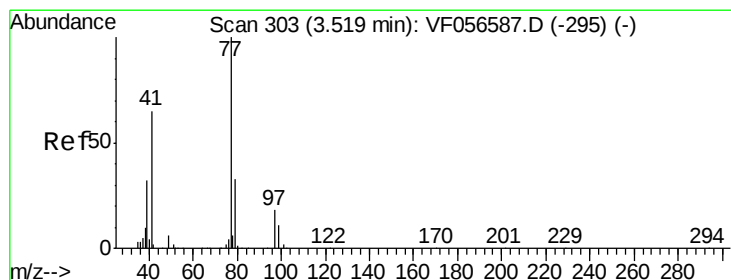
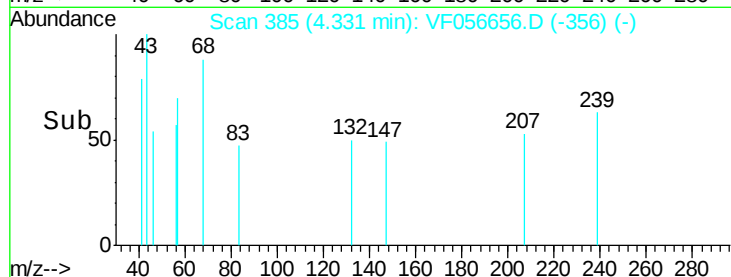
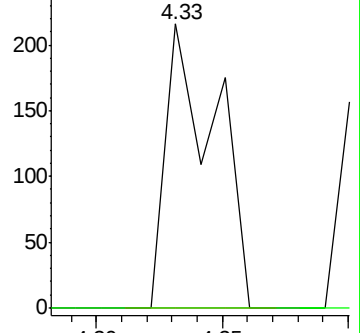
43 100

72 0.0 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 134.24 ug/l

RT: 3.49 min Scan# 300

Delta R.T. -0.02 min

Lab File: VF056656.D

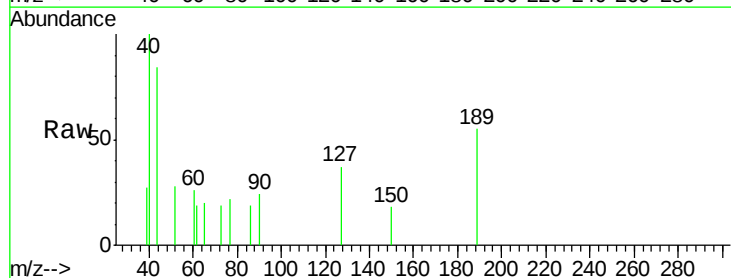
Acq: 23 Feb 2018 15:11

Tgt Ion: 77 Resp: 74

Ion Ratio Lower Upper

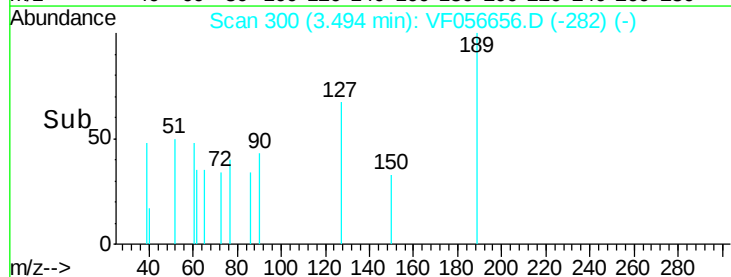
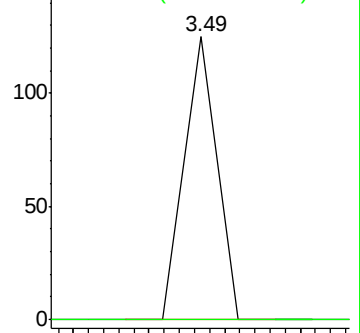
77 100

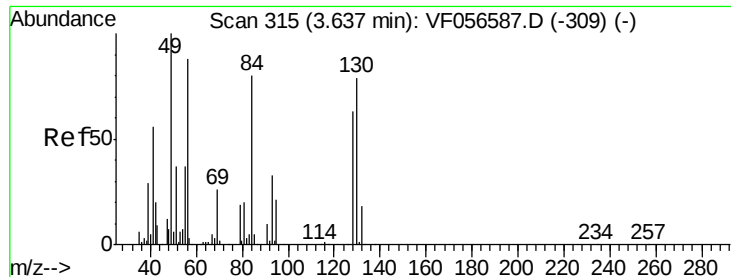
97 0.0 9.8 29.5#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0





#28

Bromochloromethane

Concen: 183.49 ug/l

RT: 3.61 min Scan# 312

Delta R.T. -0.02 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

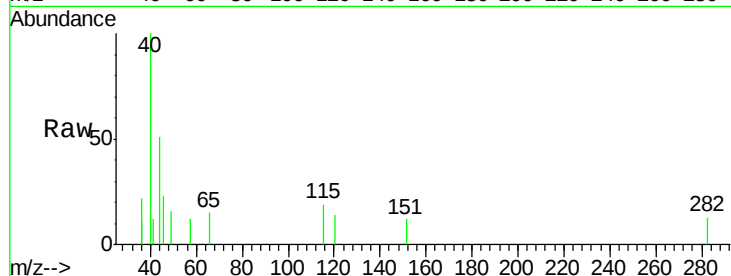
Tgt Ion: 49 Resp: 85

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

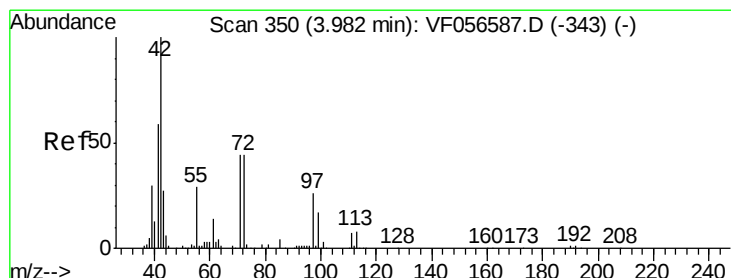
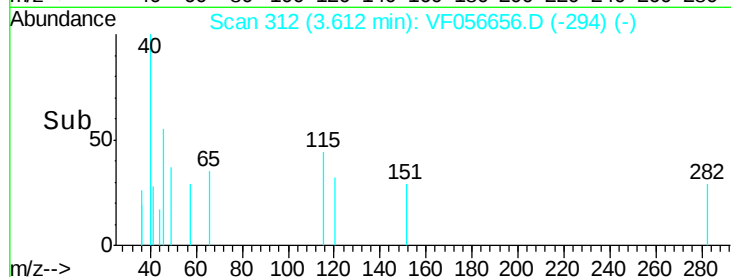
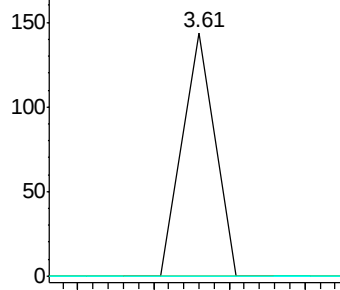
130 0.0 63.4 95.0#



Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): VF0

Ion 130.00 (129.70 to 130.70): VF0



#29

Tetrahydrofuran

Concen: 1512.40 ug/l

RT: 4.04 min Scan# 355

Delta R.T. 0.05 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

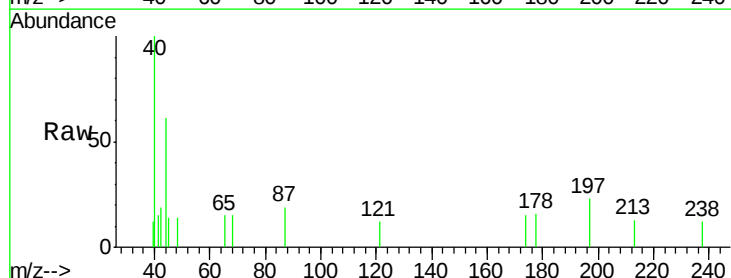
Tgt Ion: 42 Resp: 319

Ion Ratio Lower Upper

42 100

72 0.0 34.1 51.1#

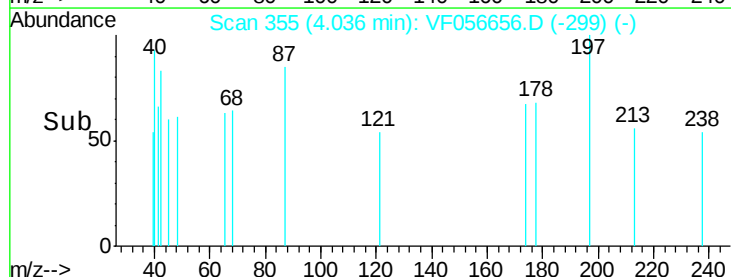
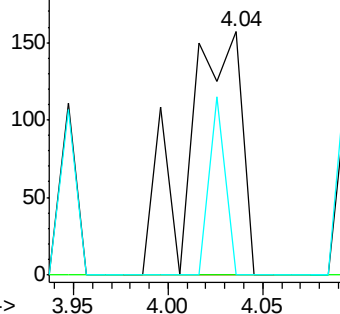
71 21.3 32.8 49.2#

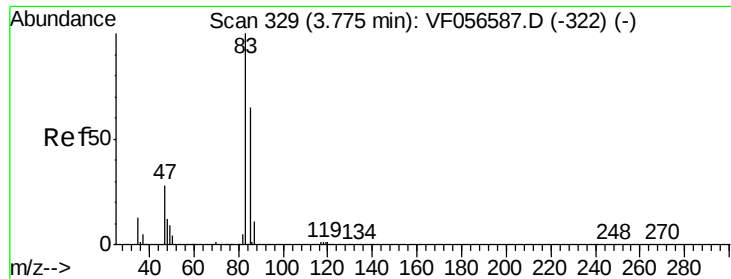


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0





#30

Chloroform

Concen: 54.02 ug/l

RT: 3.84 min Scan# 335

Delta R.T. 0.06 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

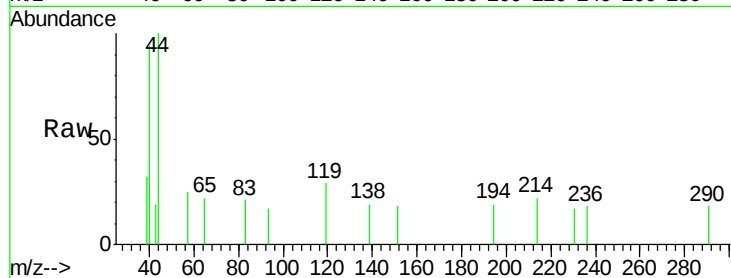
OK-01-022218

Tgt Ion: 83 Resp: 77

Ion Ratio Lower Upper

83 100

85 0.0 52.1 78.1#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

3.84

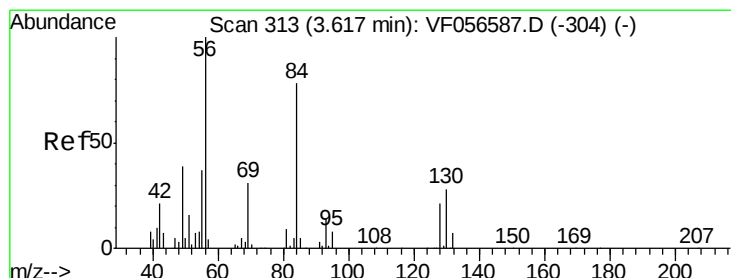
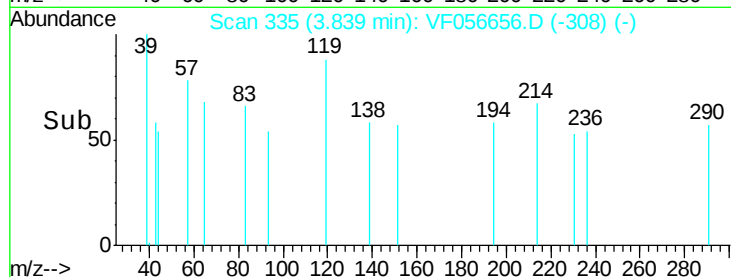
150

100

50

0

Time--> 3.80 3.82 3.84 3.86



#31

Cyclohexane

Concen: 56.09 ug/l

RT: 3.62 min Scan# 313

Delta R.T. 0.00 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

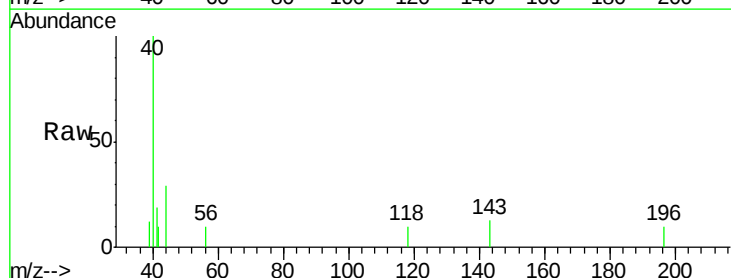
Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

69 0.0 24.7 37.1#

84 0.0 62.9 94.3#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

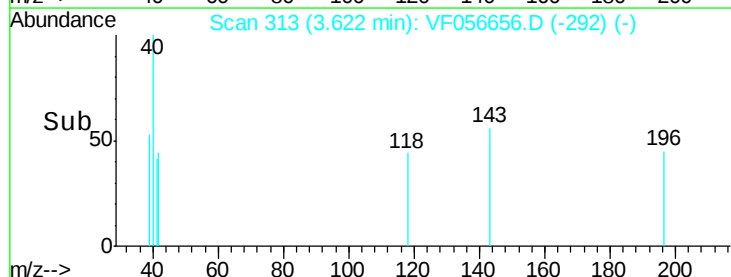
Ion 84.00 (83.70 to 84.70): VF0

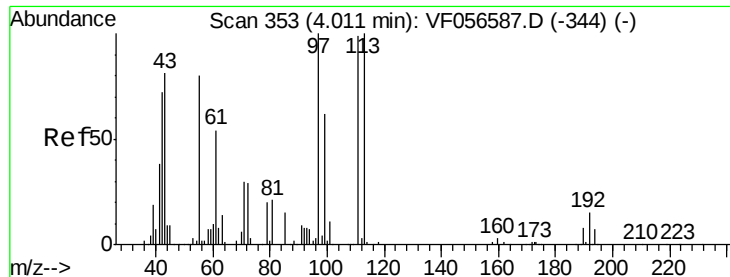
100

50

0

Time--> 3.60 3.62 3.64





#32

1,1,1-Trichloroethane

Concen: 74.10 ug/l

RT: 3.99 min Scan# 350

Delta R.T. -0.02 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

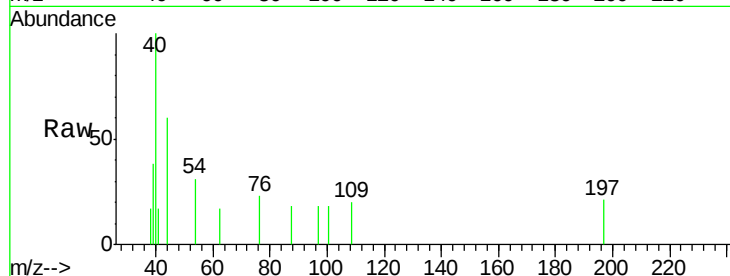
Tgt Ion: 97 Resp: 64

Ion Ratio Lower Upper

97 100

99 0.0 49.4 74.2#

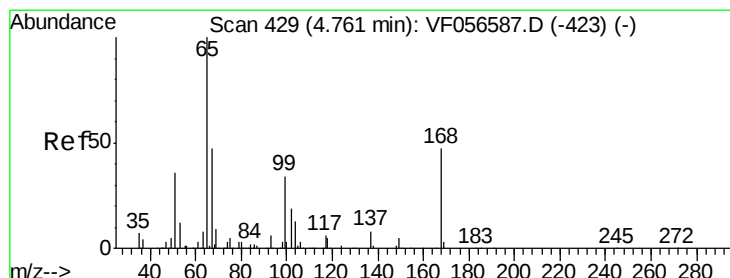
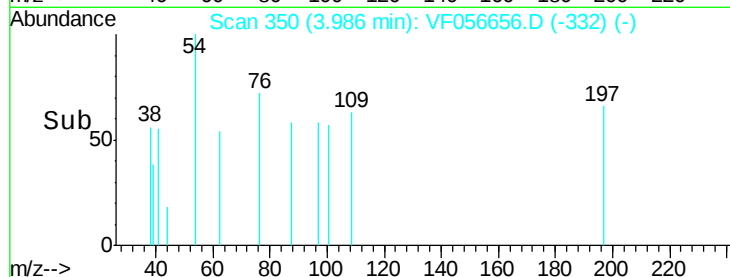
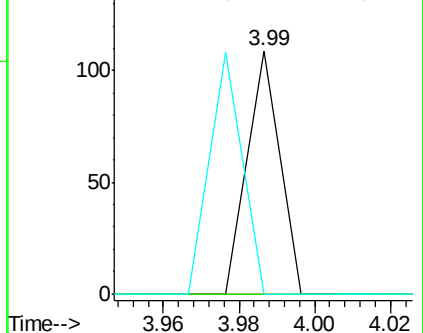
61 0.0 43.9 65.9#



Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 73.53 ug/l

RT: 4.79 min Scan# 432

Delta R.T. 0.03 min

Lab File: VF056656.D

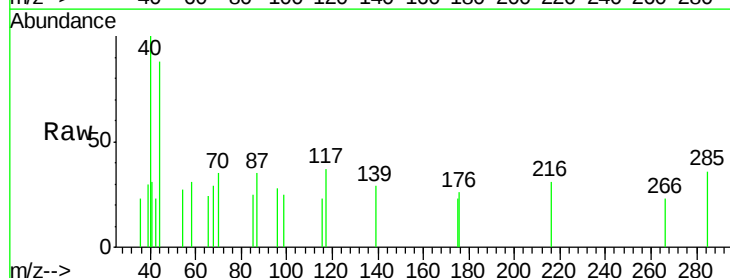
Acq: 23 Feb 2018 15:11

Tgt Ion: 65 Resp: 64

Ion Ratio Lower Upper

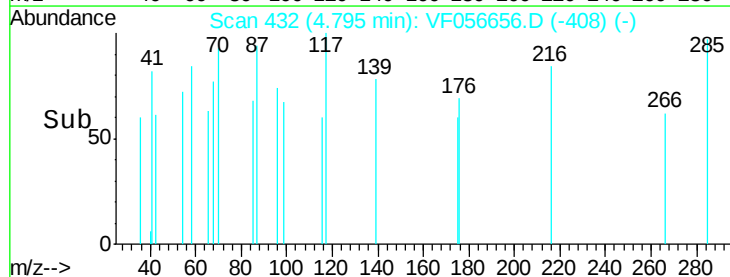
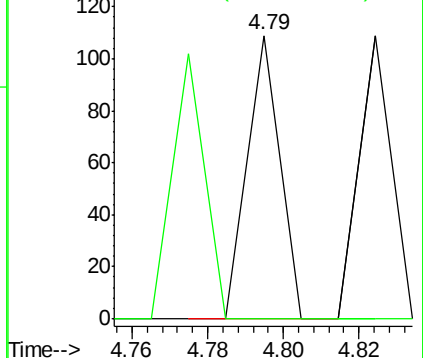
65 100

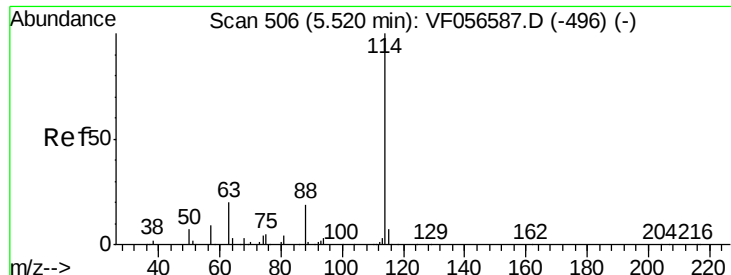
67 0.0 0.0 103.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

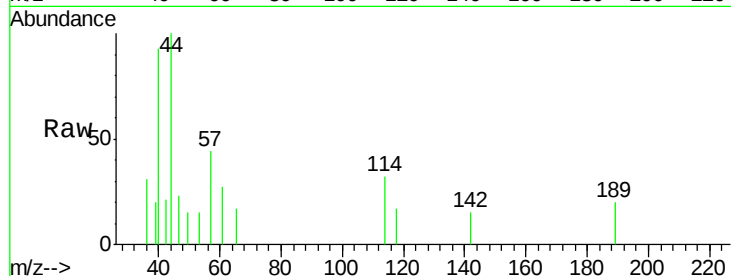




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.51 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

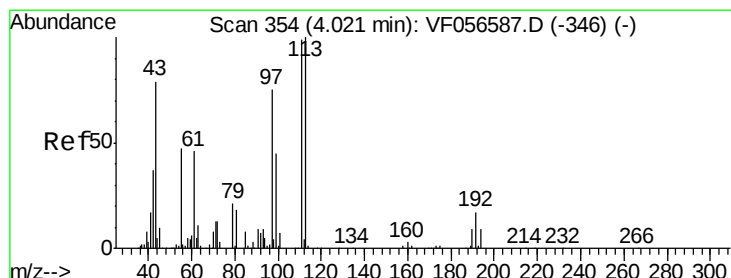
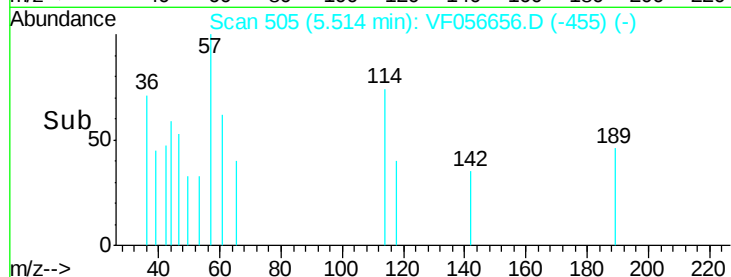
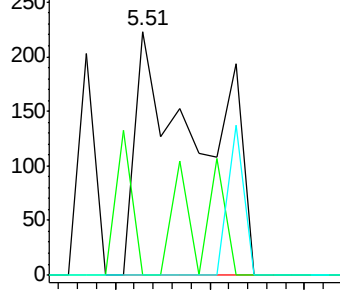
Tgt Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	40.6
88	0.0	0.0	37.8



Abundance Ion 114.00 (113.70 to 114.70): V

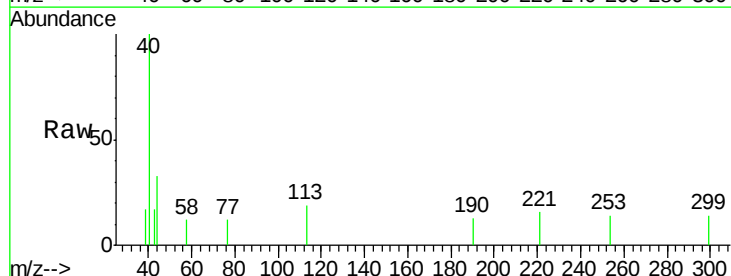
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35
 Dibromofluoromethane
 Concen: 43.99 ug/l
 RT: 4.11 min Scan# 363
 Delta R.T. 0.09 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

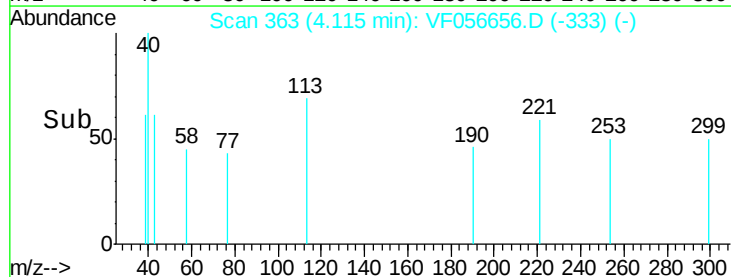
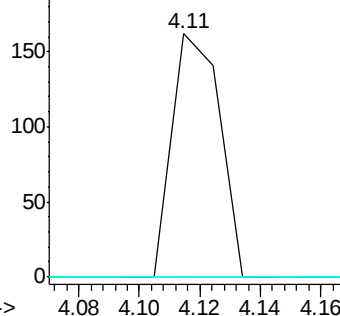
Tgt Ion	Ratio	Lower	Upper
113	100		
111	0.0	79.1	118.7#
192	0.0	13.9	20.9#

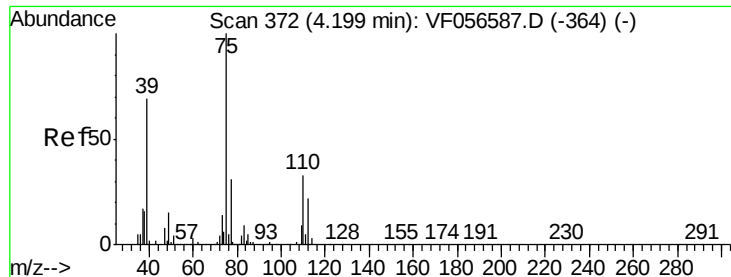


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

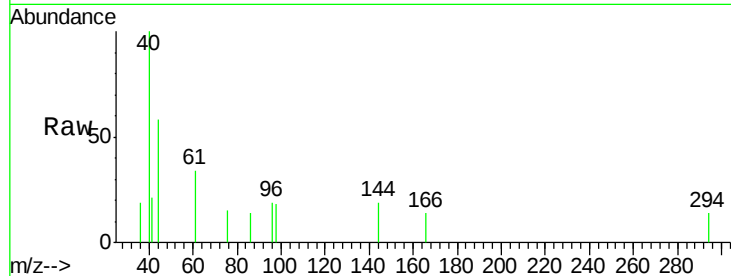




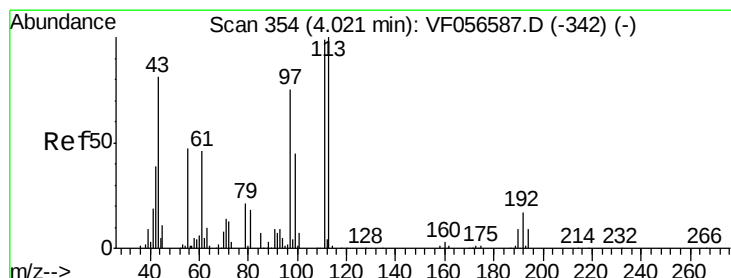
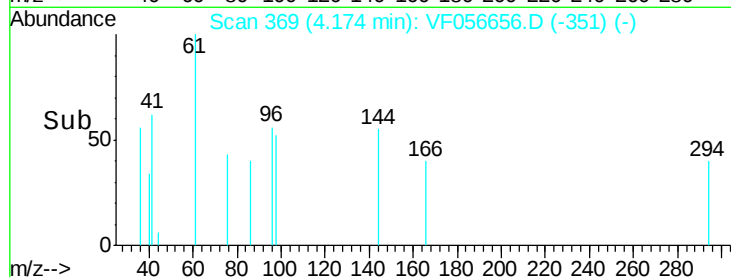
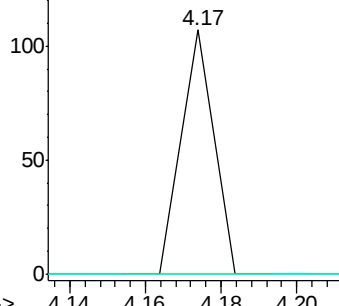
#36
 1,1-Dichloropropene
 Concen: 12.37 ug/l
 RT: 4.17 min Scan# 369
 Delta R.T. -0.02 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Instrument :
 MSVOA_F
 ClientSampleID :
 OK-01-022218

Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 110 0.0 16.6 49.7#
 77 0.0 24.5 36.7#

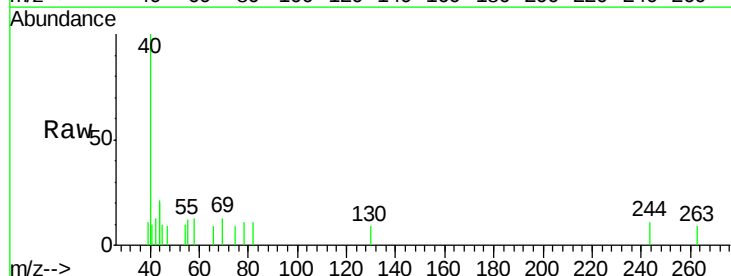


Abundance Ion 75.00 (74.70 to 75.70): VF0
 Ion 110.00 (109.70 to 110.70): VF0
 Ion 77.00 (76.70 to 77.70): VF0

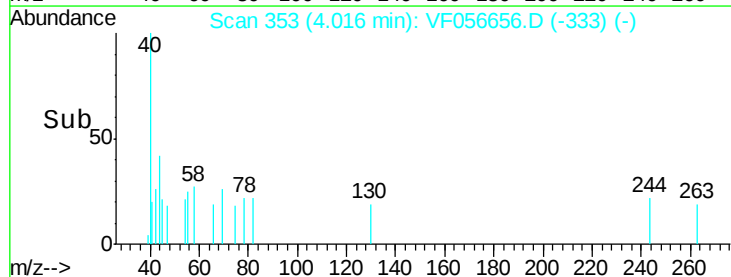
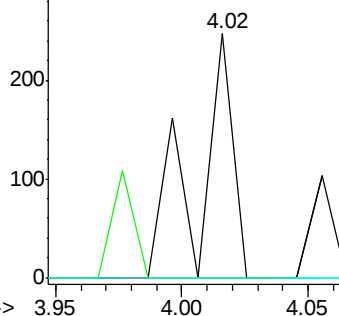


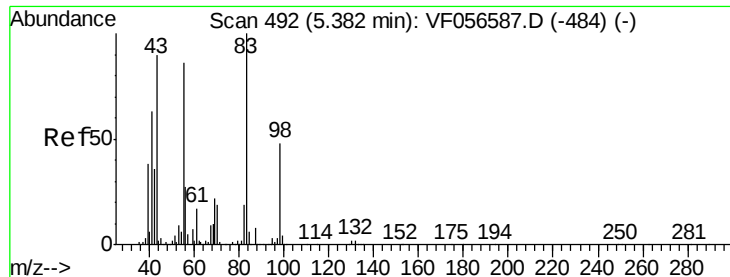
#37
 Ethyl Acetate
 Concen: 53.13 ug/l
 RT: 4.02 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Tgt Ion: 43 Resp: 242
 Ion Ratio Lower Upper
 43 100
 61 0.0 45.4 68.2#
 70 0.0 8.8 13.2#



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

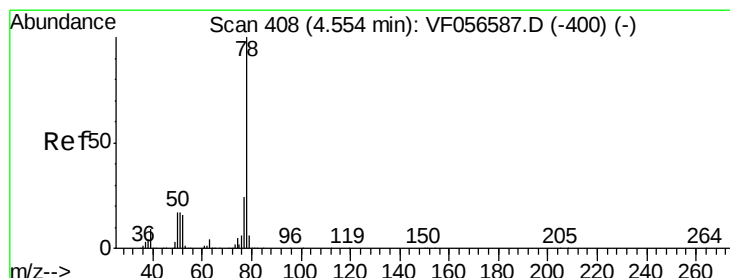
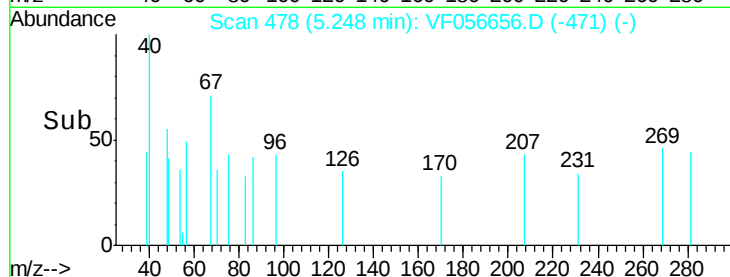
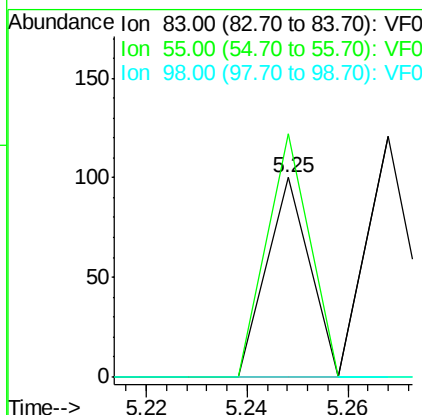
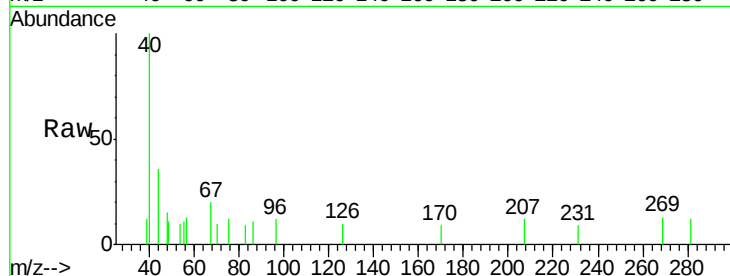




#39
Methylcyclohexane
Concen: 10.71 ug/l
RT: 5.25 min Scan# 478
Delta R.T. -0.13 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

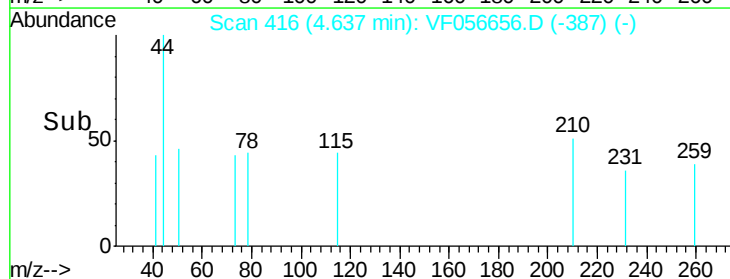
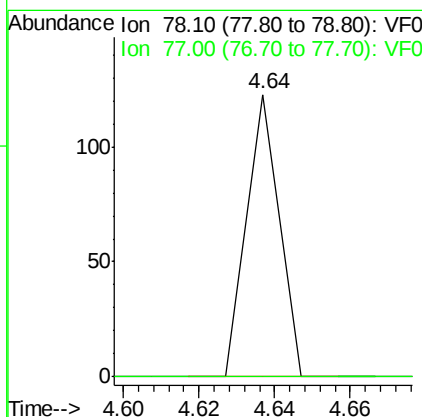
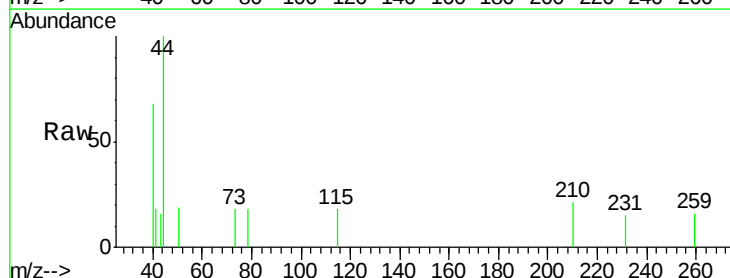
Instrument :
MSVOA_F
ClientSampleId :
OK-01-022218

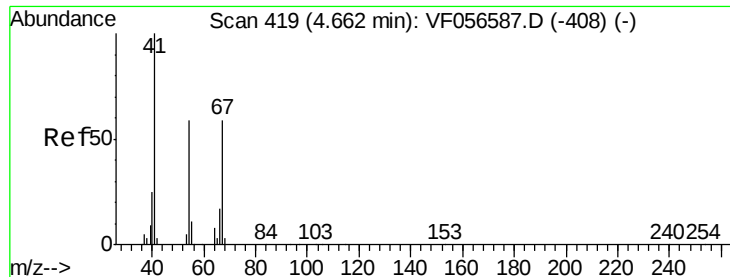
Tgt Ion: 83 Resp: 59
Ion Ratio Lower Upper
83 100
55 122.0 68.7 103.1#
98 0.0 38.0 57.0#



#40
Benzene
Concen: 5.65 ug/l
RT: 4.64 min Scan# 416
Delta R.T. 0.08 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

Tgt Ion: 78 Resp: 73
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.6#





#41

Methacrylonitrile

Concen: 70.56 ug/l

RT: 4.63 min Scan# 415

Delta R.T. -0.03 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

Tgt Ion: 41 Resp: 156

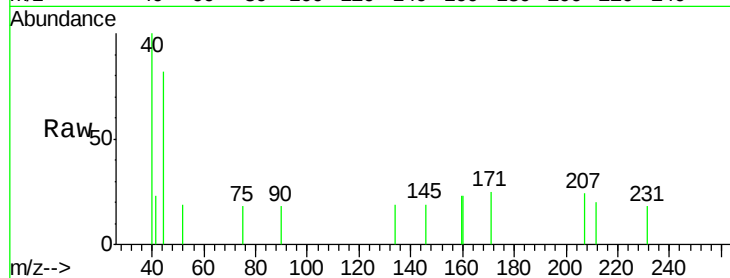
Ion Ratio Lower Upper

41 100

39 0.0 48.2 72.4#

67 0.0 46.9 70.3#

52 0.0 32.6 48.8#

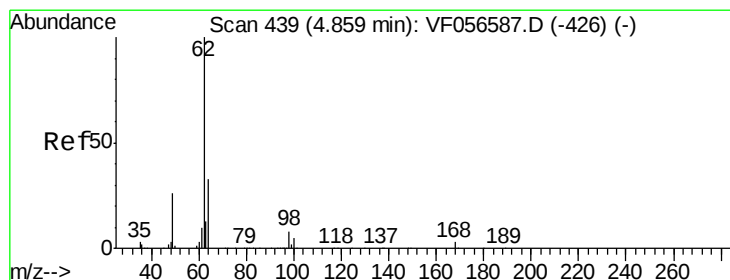
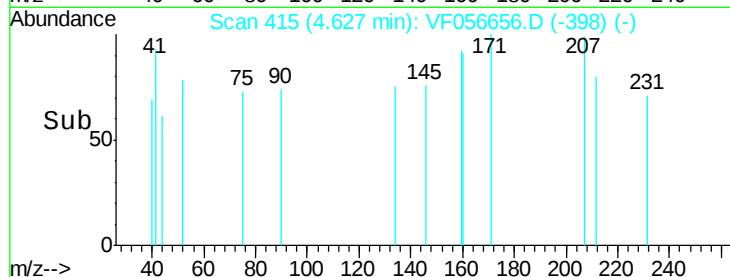
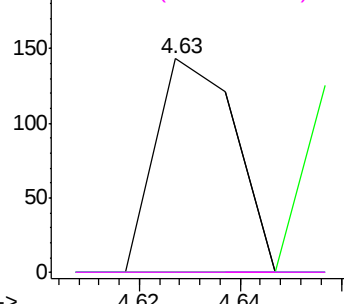


Abundance Ion 41.00 (40.70 to 41.70): VF0

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



#42

1,2-Dichloroethane

Concen: 25.89 ug/l

RT: 4.97 min Scan# 450

Delta R.T. 0.11 min

Lab File: VF056656.D

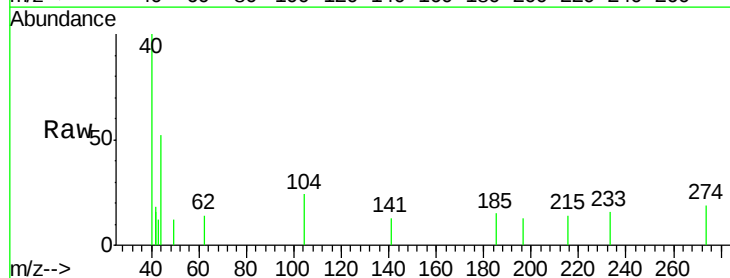
Acq: 23 Feb 2018 15:11

Tgt Ion: 62 Resp: 130

Ion Ratio Lower Upper

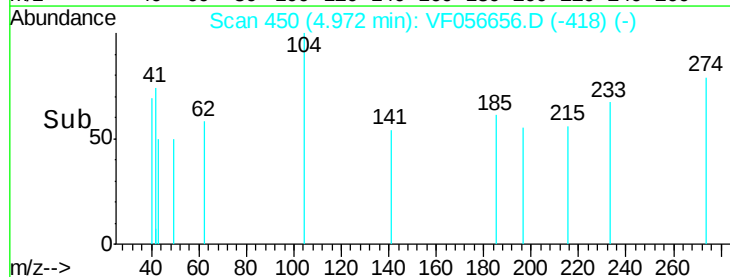
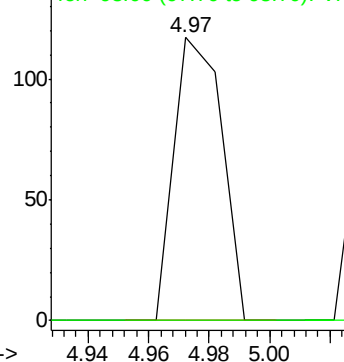
62 100

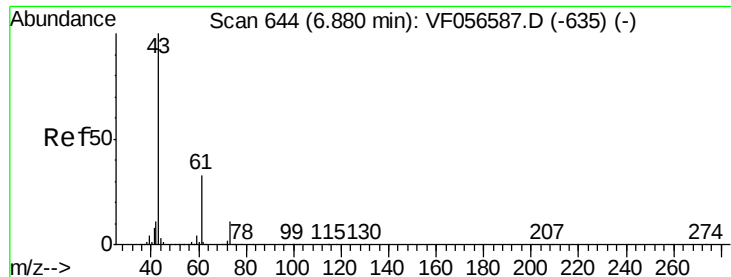
98 0.0 0.0 17.0



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 19.88 ug/l

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

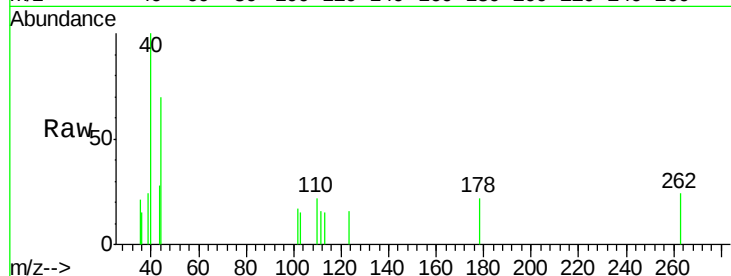
Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

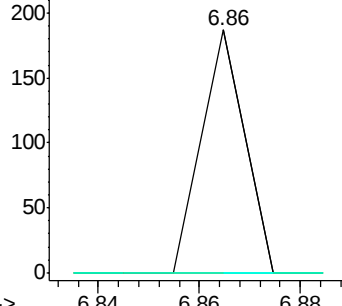
Tgt Ion:	43	Resp:	111
Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.5	39.7#
87	0.0	0.2	0.4#



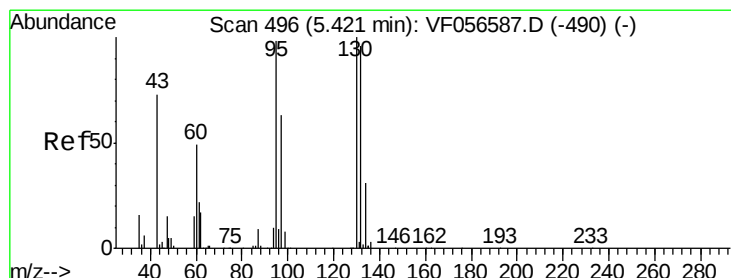
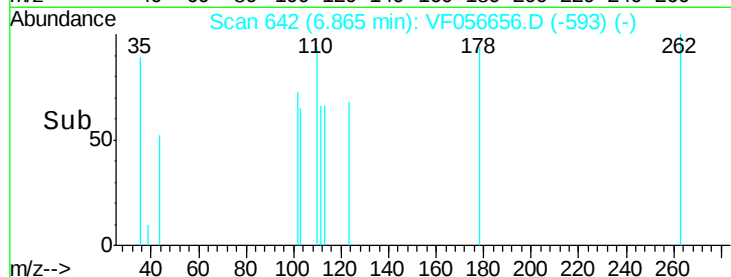
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



Time-->



#44

Trichloroethene

Concen: 19.26 ug/l

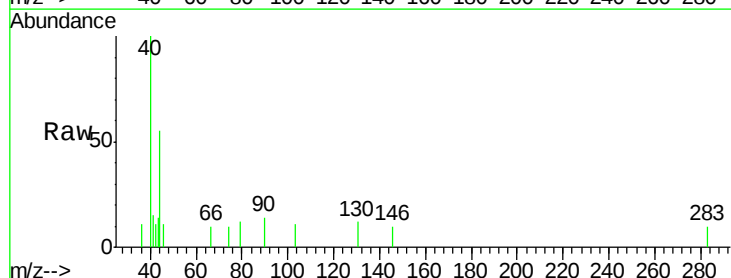
RT: 5.49 min Scan# 503

Delta R.T. 0.07 min

Lab File: VF056656.D

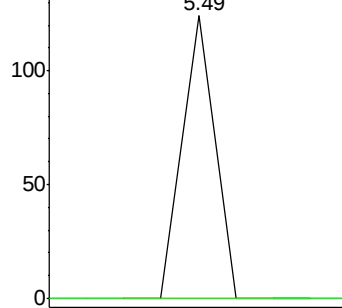
Acq: 23 Feb 2018 15:11

Tgt Ion:	130	Resp:	73
Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	195.8

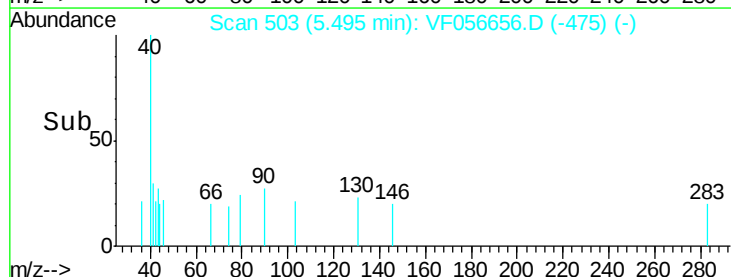


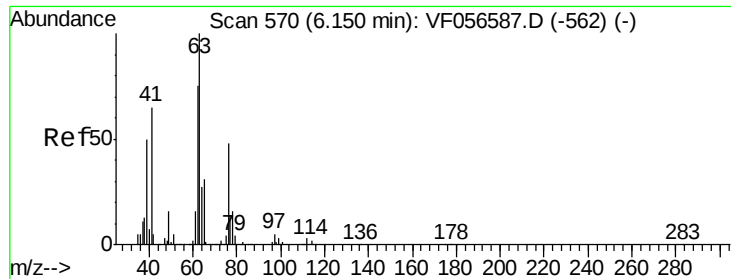
Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0



Time-->

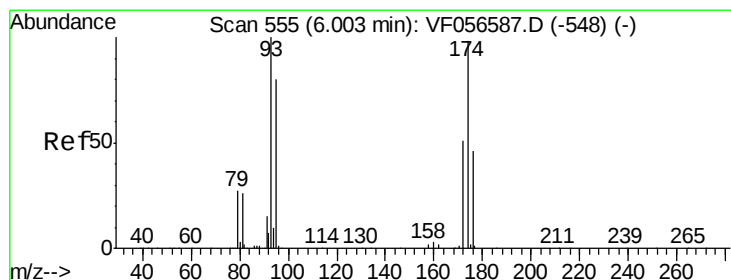
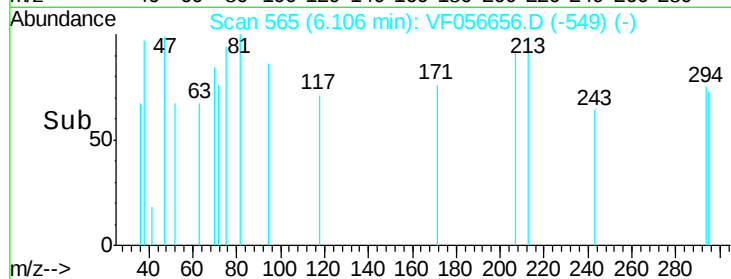
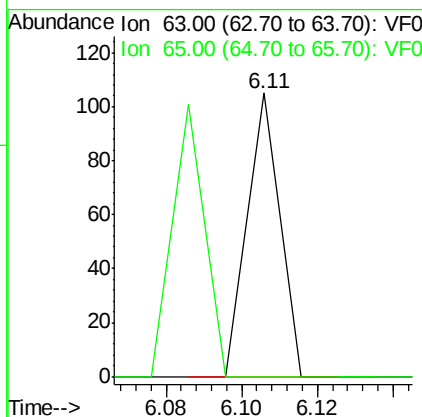
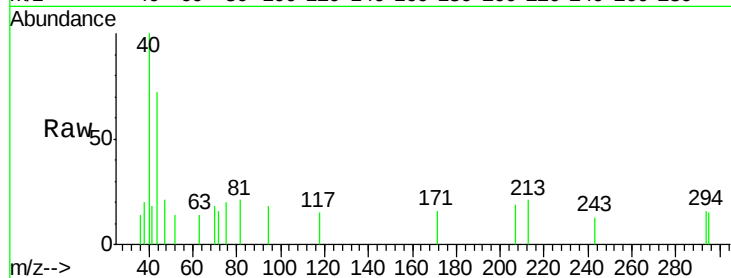




#45
 1,2-Dichloropropane
 Concen: 16.85 ug/l
 RT: 6.11 min Scan# 565
 Delta R.T. -0.04 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

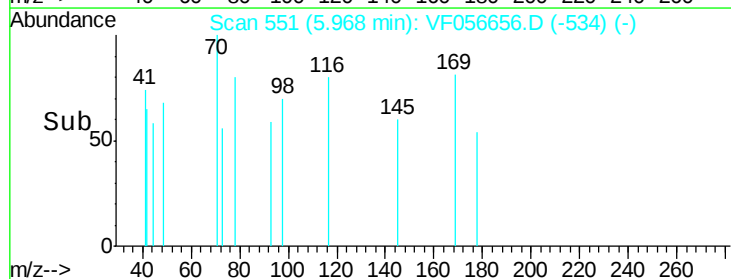
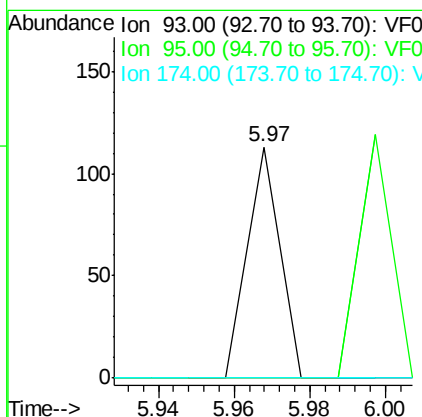
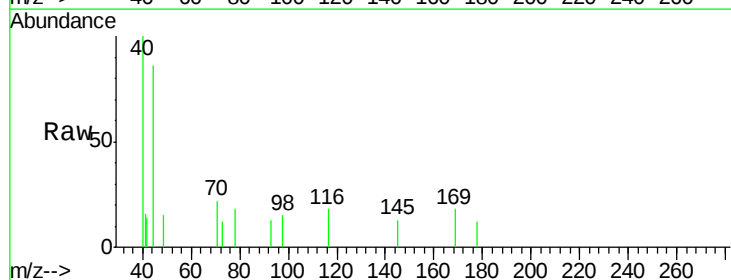
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

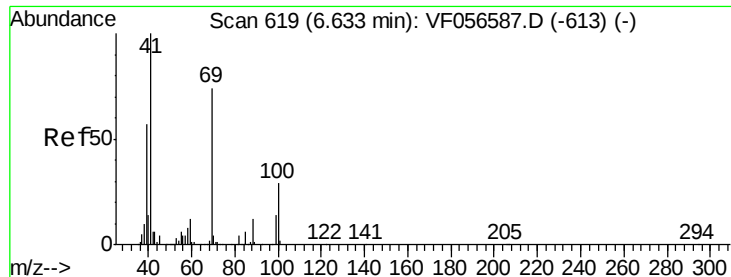
Tgt Ion: 63 Resp: 62
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#



#46
 Dibromomethane
 Concen: 23.66 ug/l
 RT: 5.97 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Tgt Ion: 93 Resp: 67
 Ion Ratio Lower Upper
 93 100
 95 0.0 63.9 95.9#
 174 0.0 78.6 118.0#

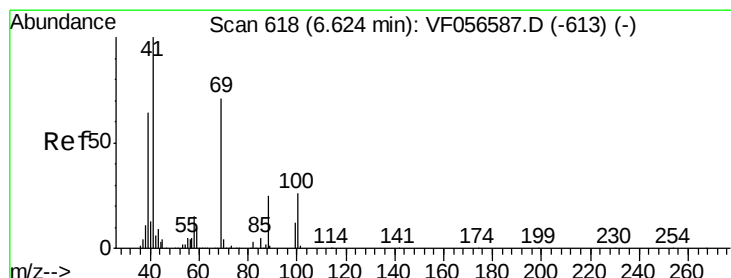
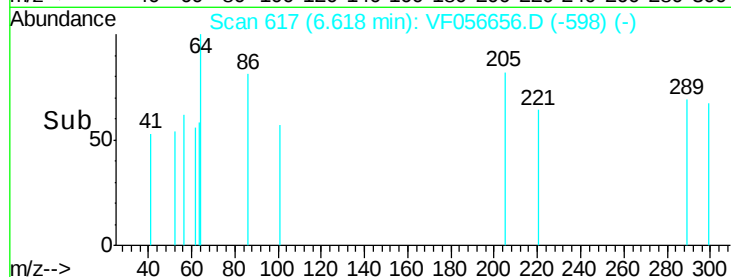
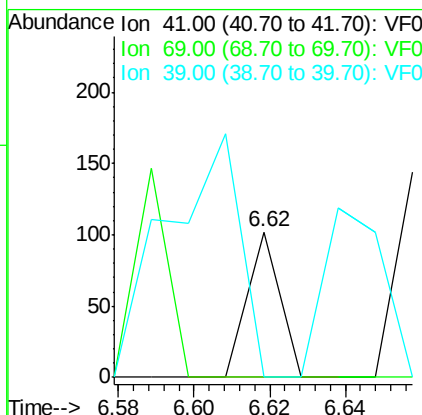
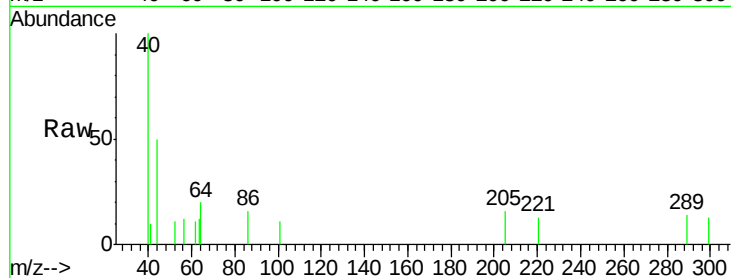




#48
Methyl methacrylate
Concen: 18.34 ug/l
RT: 6.62 min Scan# 617
Delta R.T. -0.02 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

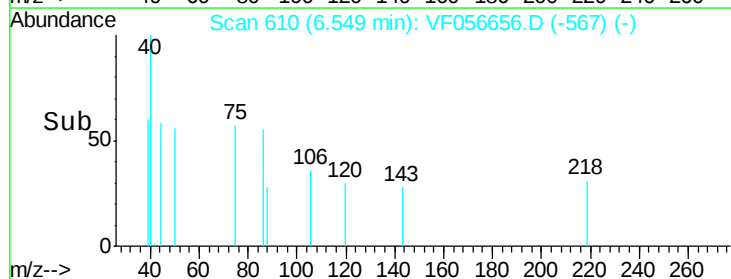
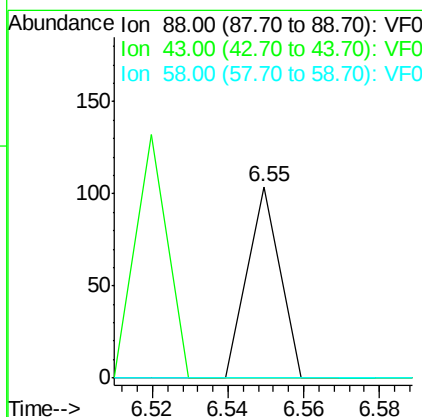
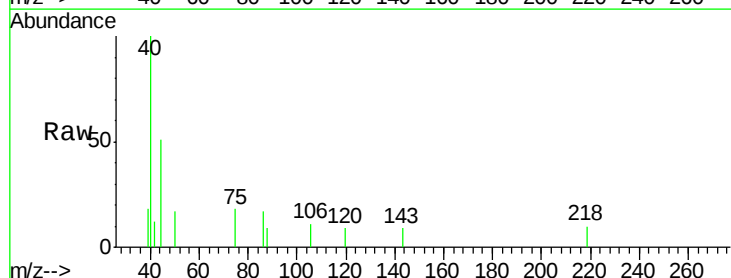
Instrument :
MSVOA_F
ClientSampleId :
OK-01-022218

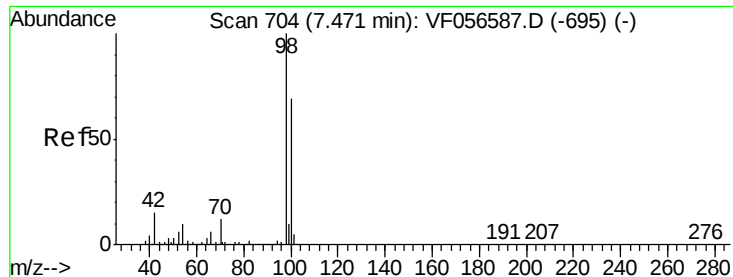
Tgt Ion: 41 Resp: 60
Ion Ratio Lower Upper
41 100
69 0.0 58.8 88.2#
39 0.0 46.1 69.1#



#49
1,4-Dioxane
Concen: 1838.18 ug/l
RT: 6.55 min Scan# 610
Delta R.T. -0.07 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 30.8 46.2#
58 0.0 49.8 74.6#





#50

Toluene-d8

Concen: 11.31 ug/l

RT: 7.48 min Scan# 704

Delta R.T. 0.00 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

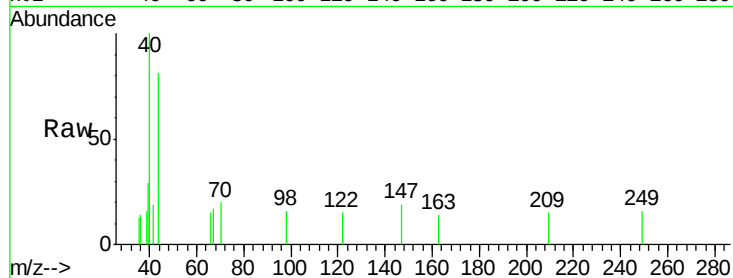
OK-01-022218

Tgt Ion: 98 Resp: 138

Ion Ratio Lower Upper

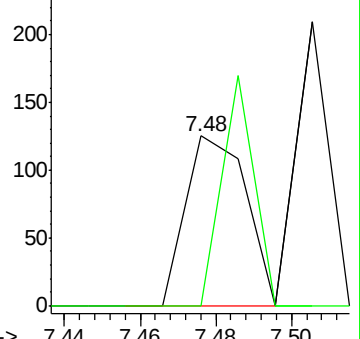
98 100

100 0.0 55.4 83.0#

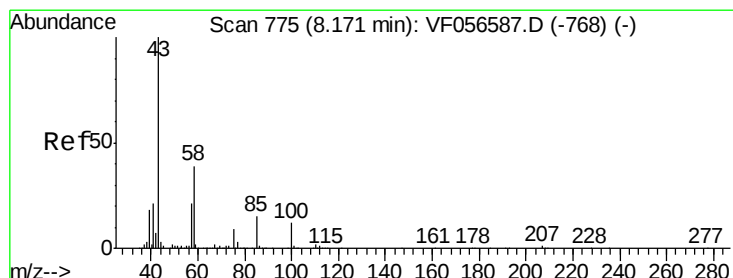
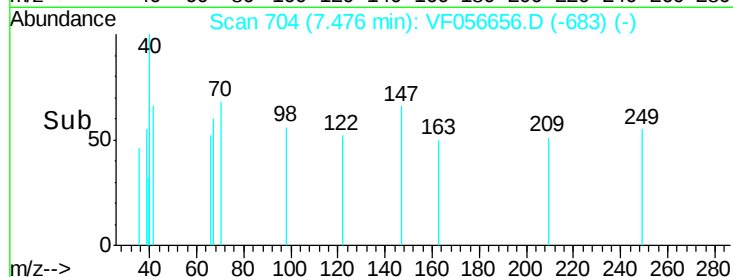


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 22.25 ug/l

RT: 8.19 min Scan# 776

Delta R.T. 0.01 min

Lab File: VF056656.D

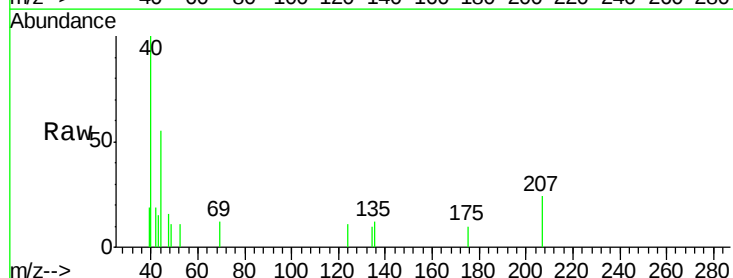
Acq: 23 Feb 2018 15:11

Tgt Ion: 43 Resp: 85

Ion Ratio Lower Upper

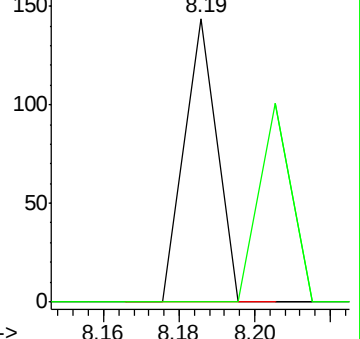
43 100

58 0.0 30.9 46.3#

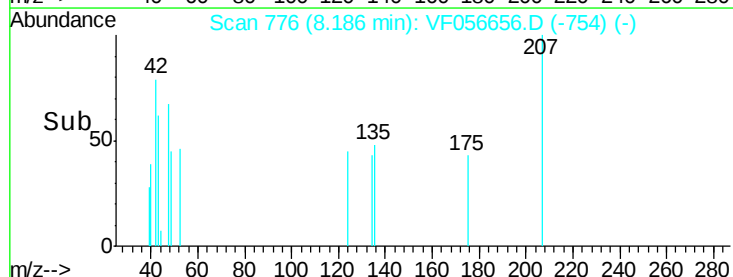


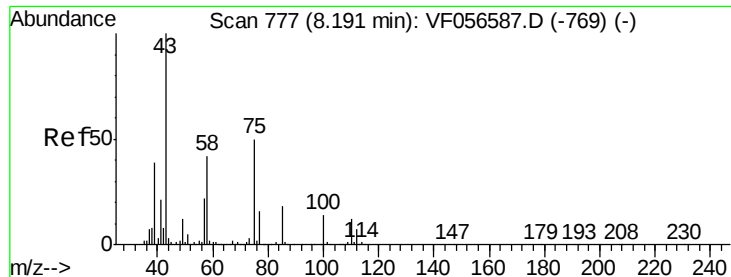
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->

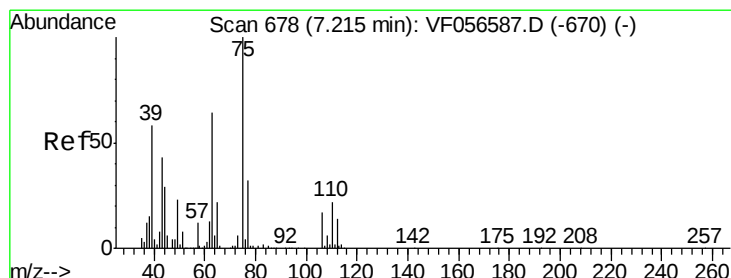
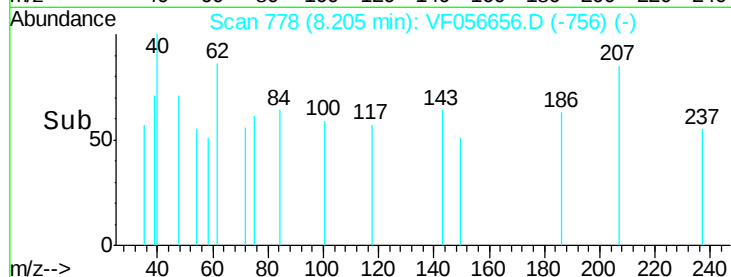
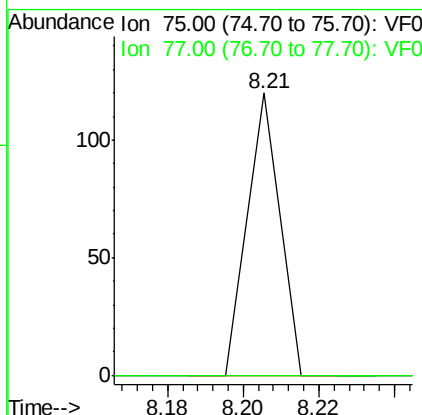
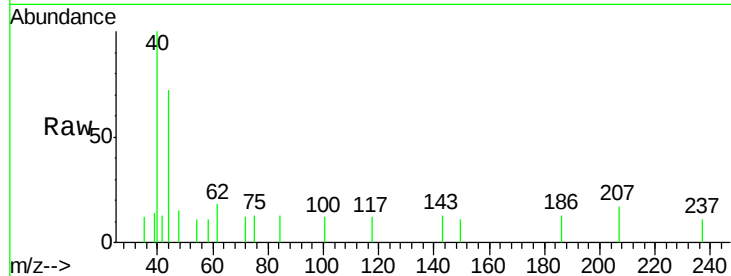




#53
 t-1,3-Dichloropropene
 Concen: 13.47 ug/l
 RT: 8.21 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

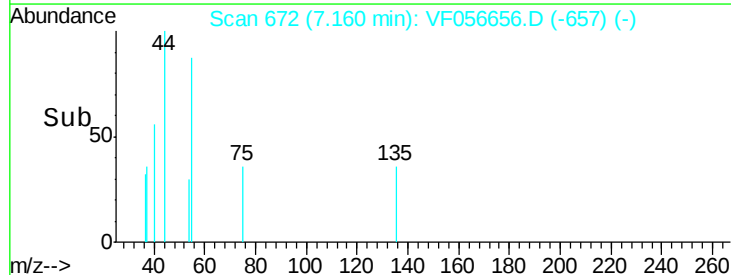
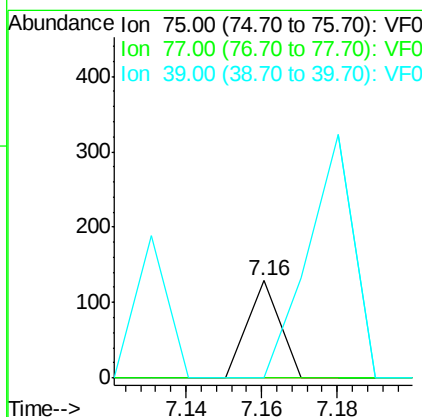
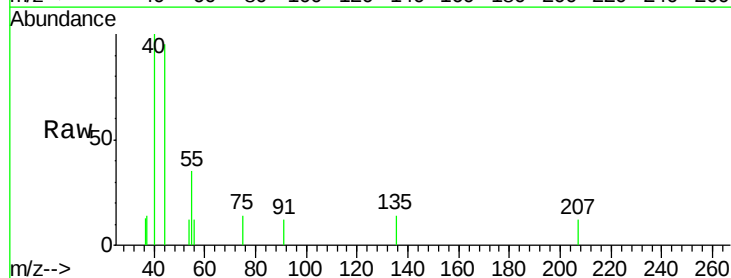
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

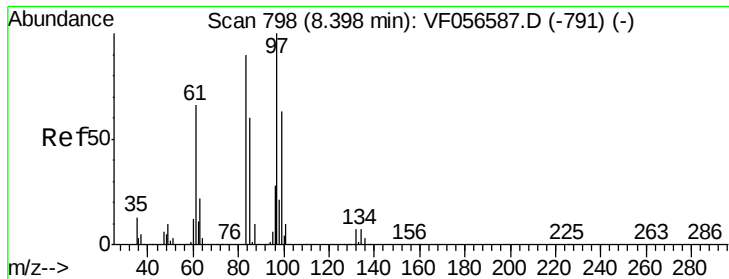
Tgt Ion: 75 Resp: 71
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#



#54
 cis-1,3-Dichloropropene
 Concen: 12.39 ug/l
 RT: 7.16 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Tgt Ion: 75 Resp: 76
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 0.0 47.0 70.6#





#55

1,1,2-Trichloroethane

Concen: 18.78 ug/l

RT: 8.37 min Scan# 795

Delta R.T. -0.02 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

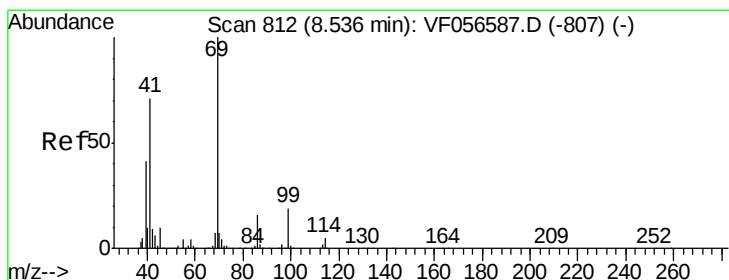
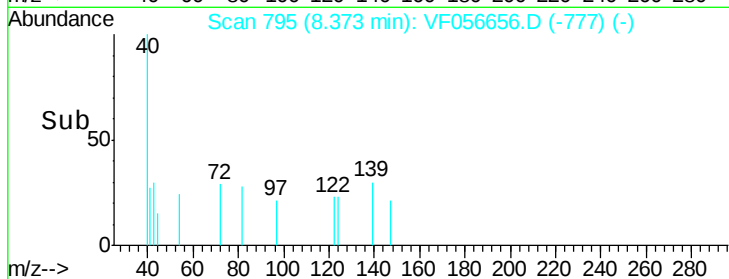
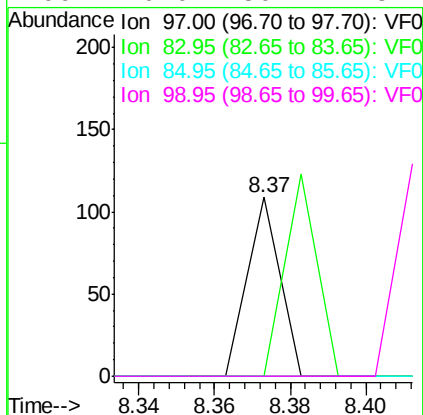
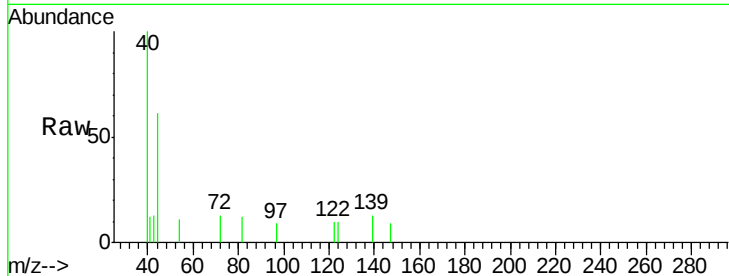
Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

Tgt Ion:	97	Resp:	64
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.8	107.8#
85	0.0	48.0	72.0#
99	0.0	50.2	75.2#



#56

Ethyl methacrylate

Concen: 23.59 ug/l

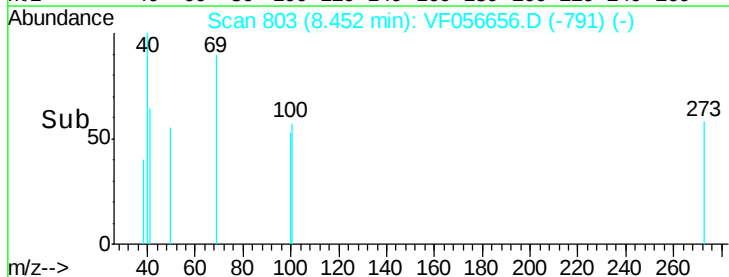
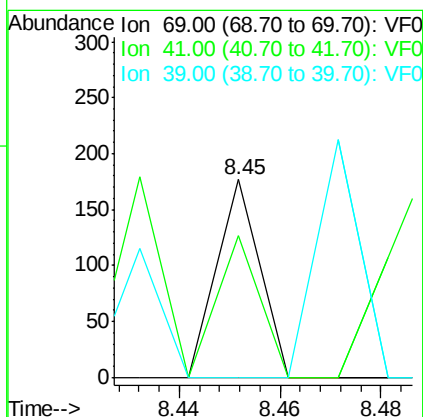
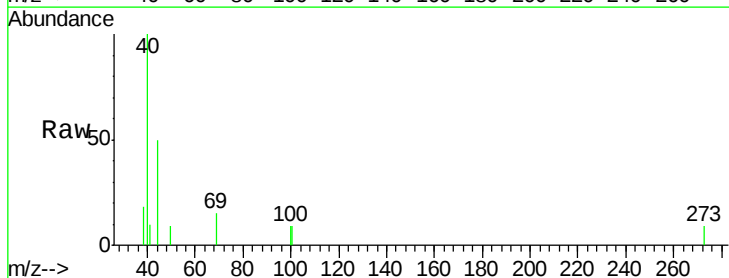
RT: 8.45 min Scan# 803

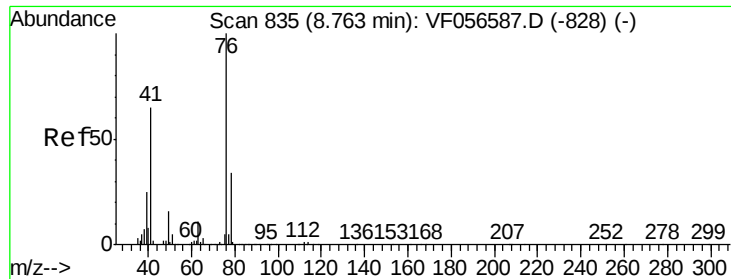
Delta R.T. -0.08 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Tgt Ion:	69	Resp:	105
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.2	85.8
39	0.0	33.0	49.6#





#57

1,3-Dichloropropane

Concen: 11.14 ug/l

RT: 8.77 min Scan# 835

Delta R.T. 0.00 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

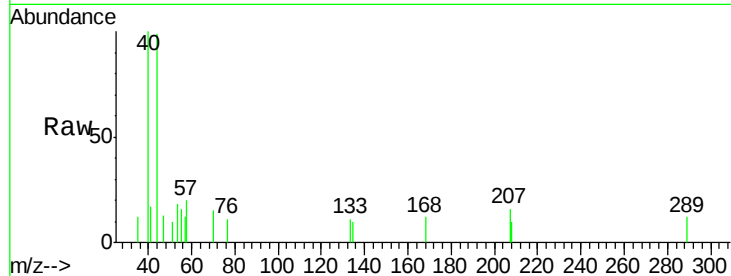
OK-01-022218

Tgt Ion: 76 Resp: 66

Ion Ratio Lower Upper

76 100

78 0.0 27.0 40.6#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

8.77

120

100

80

60

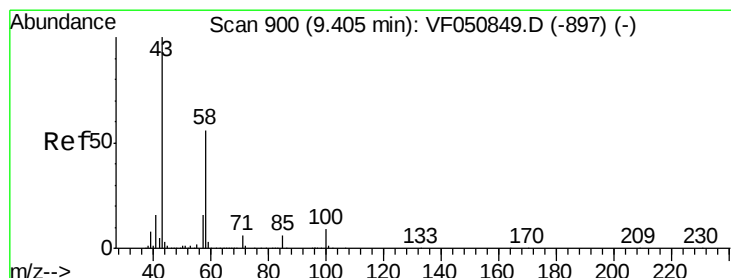
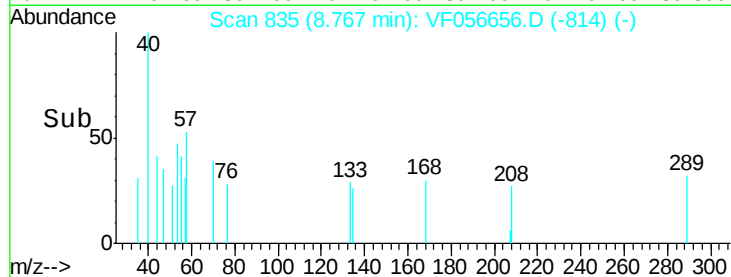
40

20

0

8.74 8.76 8.78 8.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 105.77 ug/l

RT: 7.44 min Scan# 700

Delta R.T. -0.10 min

Lab File: VF056656.D

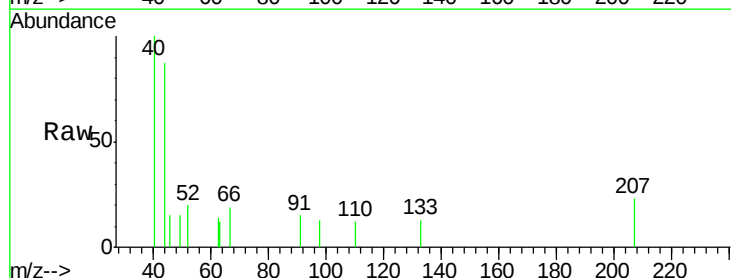
Acq: 23 Feb 2018 15:11

Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

7.44

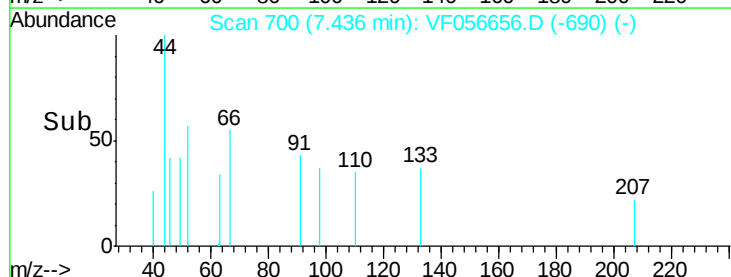
100

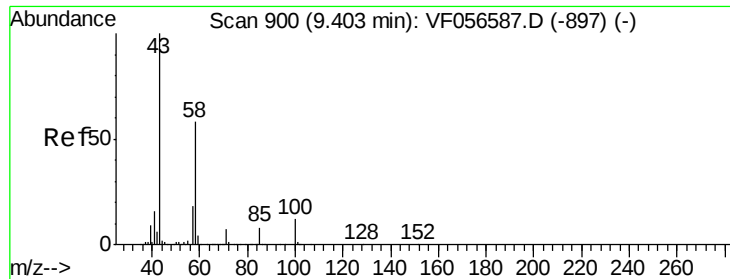
50

0

7.40 7.42 7.44 7.46

Time-->

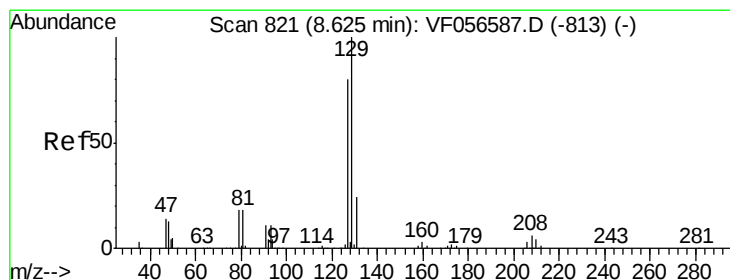
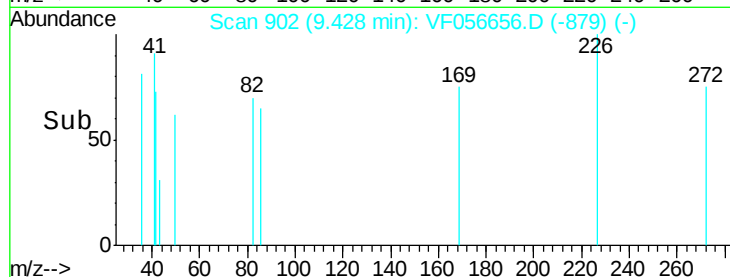
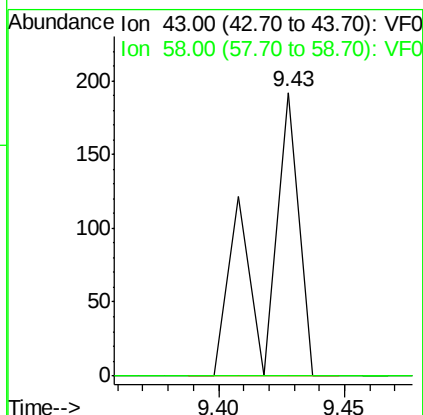
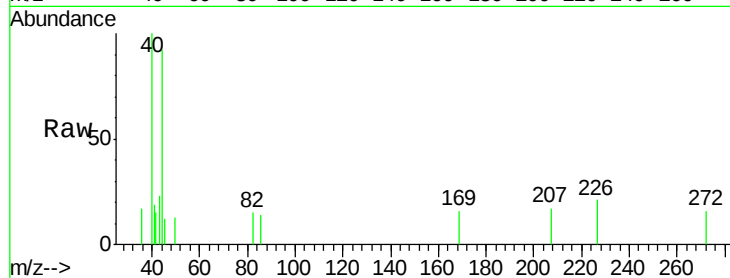




#59
2-Hexanone
Concen: 60.00 ug/l
RT: 9.43 min Scan# 902
Delta R.T. 0.02 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

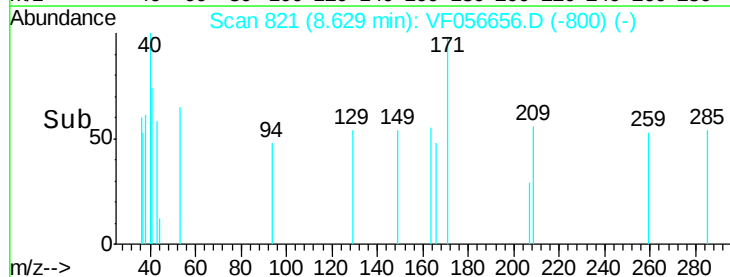
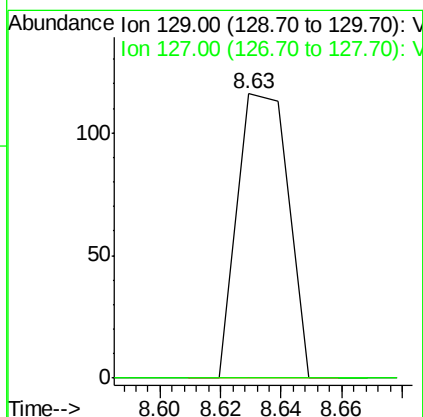
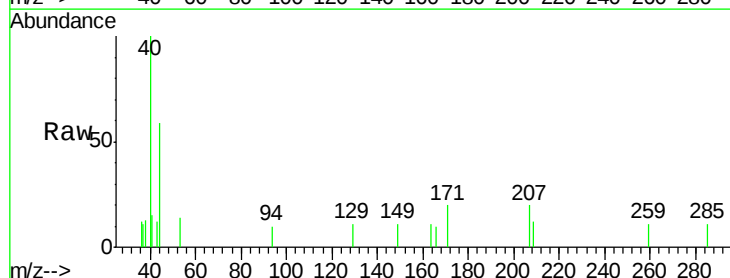
Instrument :
MSVOA_F
ClientSampleId :
OK-01-022218

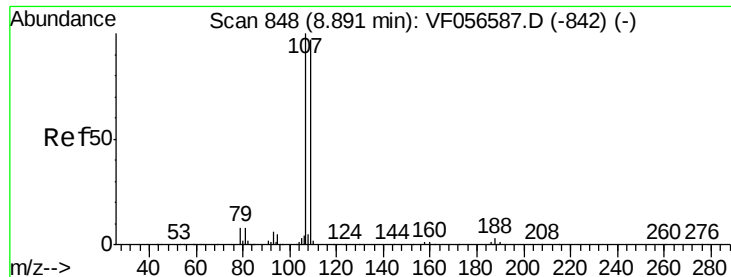
Tgt Ion: 43 Resp: 186
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#60
Dibromochloromethane
Concen: 32.67 ug/l
RT: 8.63 min Scan# 821
Delta R.T. 0.00 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

Tgt Ion: 129 Resp: 135
Ion Ratio Lower Upper
129 100
127 0.0 40.2 120.5#





#61

1,2-Dibromoethane

Concen: 20.78 ug/l

RT: 8.88 min Scan# 846

Delta R.T. -0.02 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

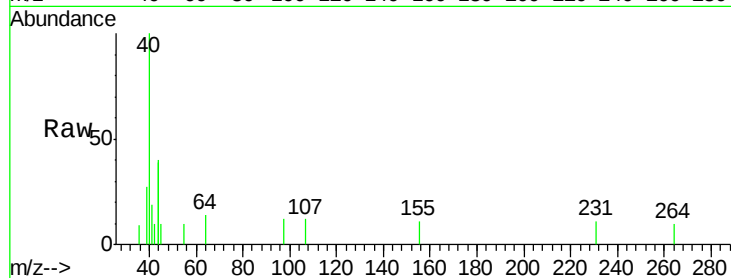
OK-01-022218

Tgt Ion: 107 Resp: 82

Ion Ratio Lower Upper

107 100

109 0.0 77.4 116.0#

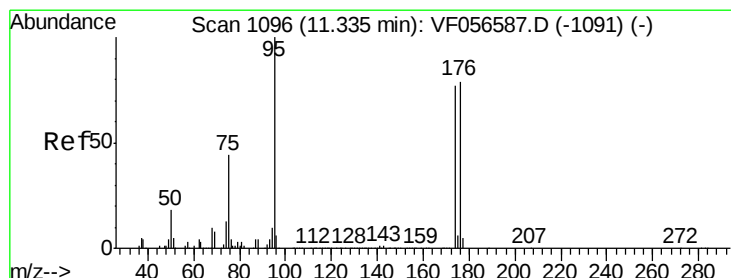
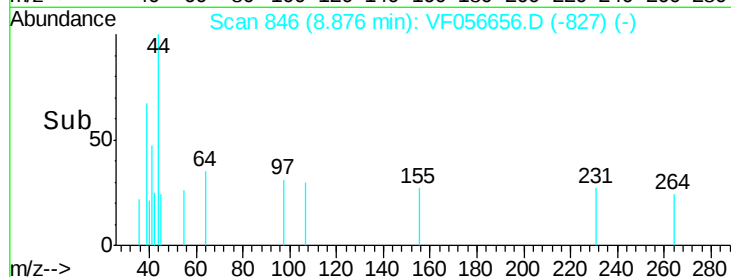


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.88

Time-->



#62

4-Bromofluorobenzene

Concen: 13.52 ug/l

RT: 11.32 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

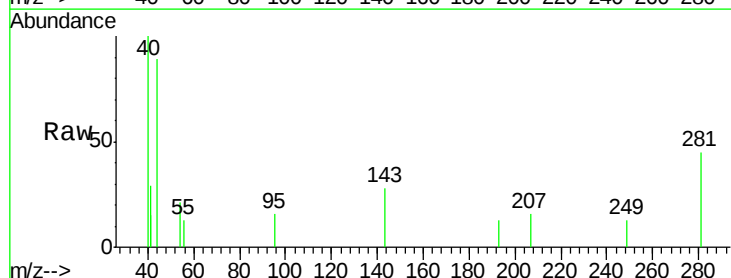
Tgt Ion: 95 Resp: 75

Ion Ratio Lower Upper

95 100

174 0.0 0.0 154.2

176 0.0 0.0 157.2



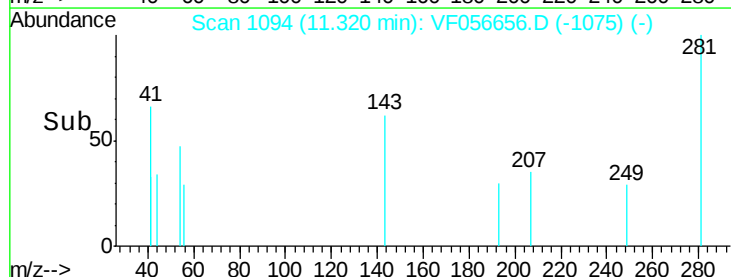
Abundance Ion 95.00 (94.70 to 95.70): VF0

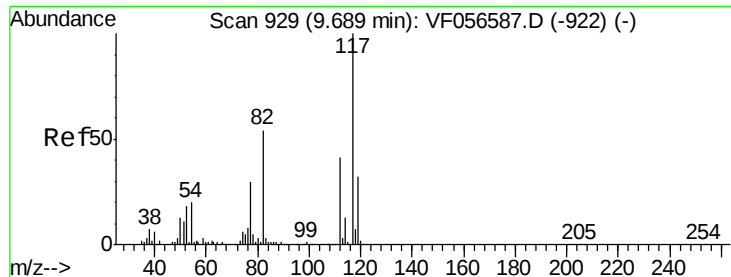
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.32

Time-->

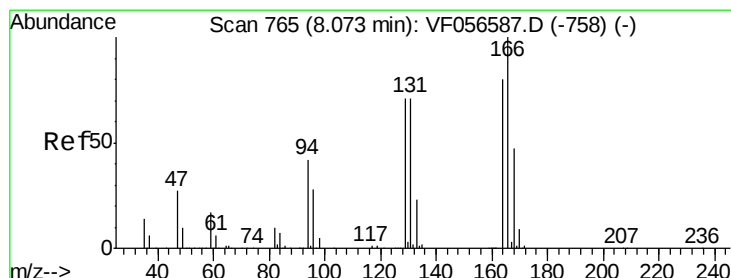
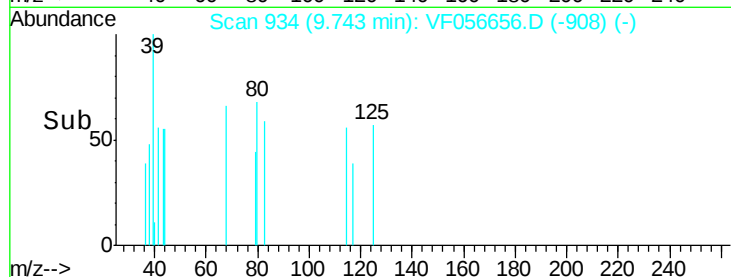
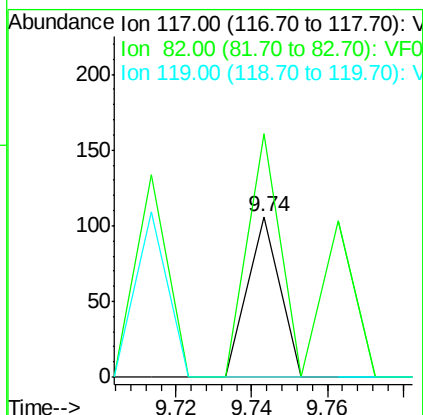
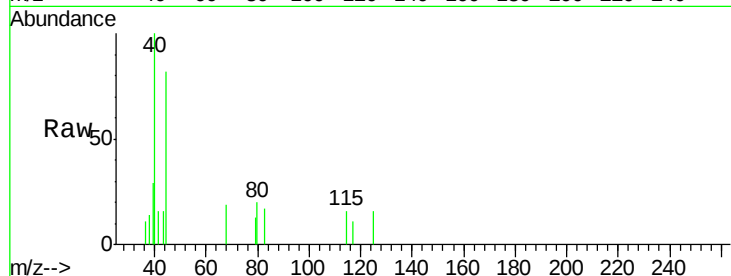




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.74 min Scan# 934
Delta R.T. 0.05 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

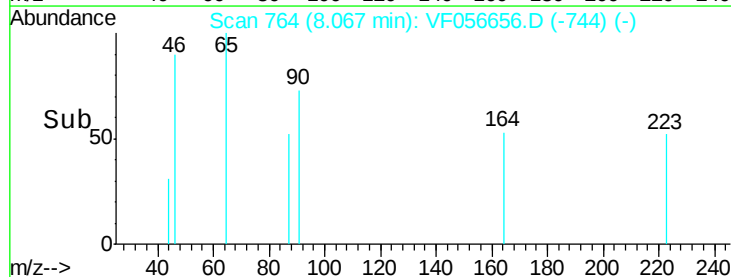
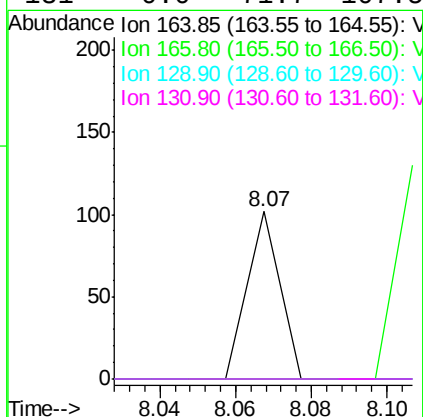
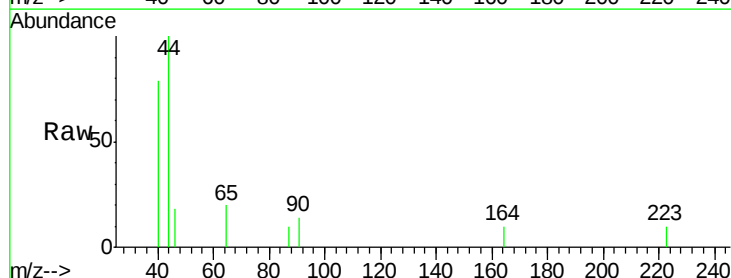
Instrument :
MSVOA_F
ClientSampleId :
OK-01-022218

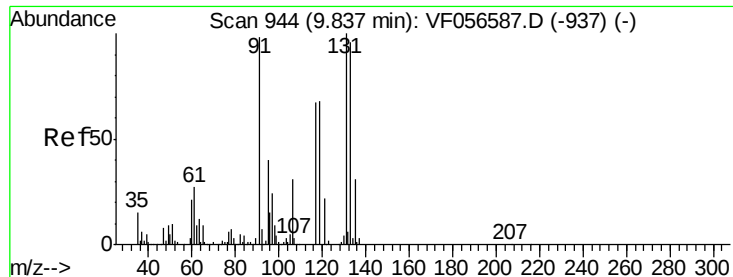
Tgt Ion:117 Resp: 63
Ion Ratio Lower Upper
117 100
82 151.9 43.0 64.6#
119 0.0 25.5 38.3#



#64
Tetrachloroethene
Concen: 132.33 ug/l
RT: 8.07 min Scan# 764
Delta R.T. -0.01 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

Tgt Ion:164 Resp: 60
Ion Ratio Lower Upper
164 100
166 0.0 100.3 150.5#
129 0.0 71.4 107.0#
131 0.0 71.7 107.5#





#66

1,1,1,2-Tetrachloroethane

Concen: 300.80 ug/l

RT: 9.70 min Scan# 930

Delta R.T. -0.13 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

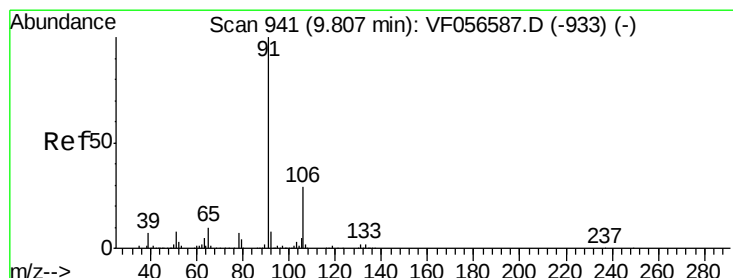
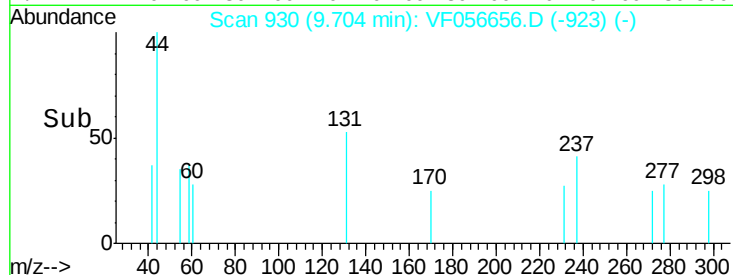
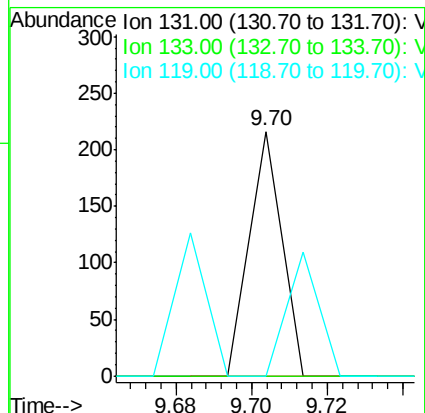
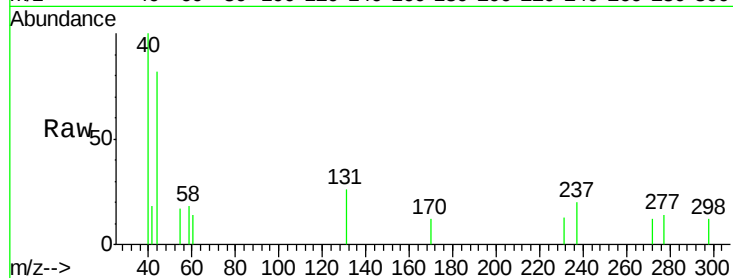
Tgt Ion: 131 Resp: 128

Ion Ratio Lower Upper

131 100

133 0.0 48.2 144.6#

119 0.0 34.0 101.8#



#67

Ethyl Benzene

Concen: 29.45 ug/l

RT: 9.96 min Scan# 956

Delta R.T. 0.15 min

Lab File: VF056656.D

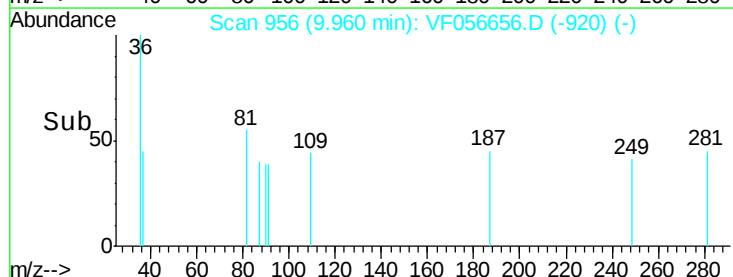
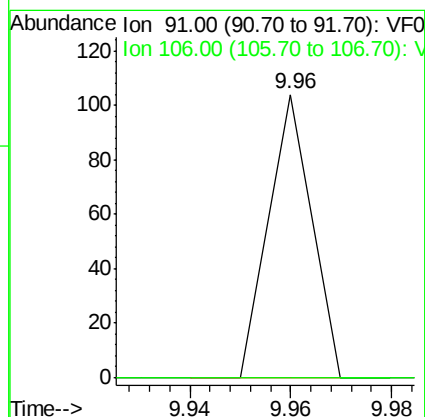
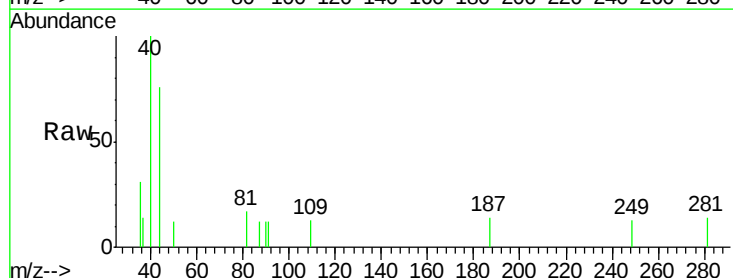
Acq: 23 Feb 2018 15:11

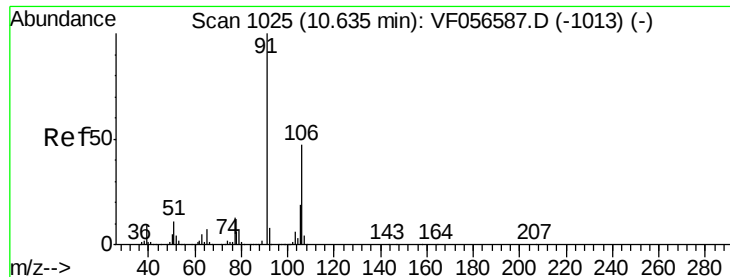
Tgt Ion: 91 Resp: 62

Ion Ratio Lower Upper

91 100

106 0.0 23.2 34.8#

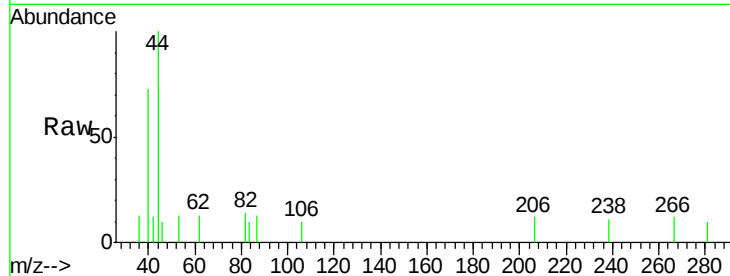




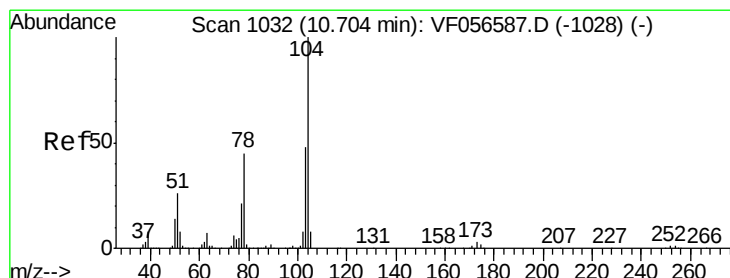
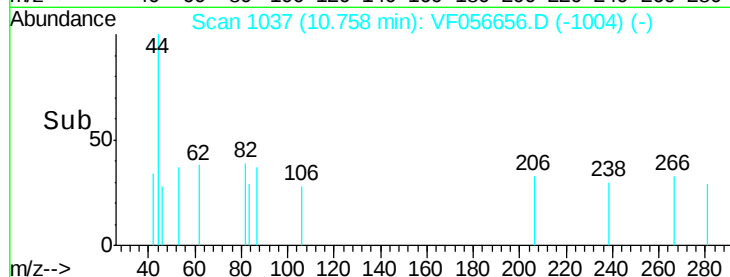
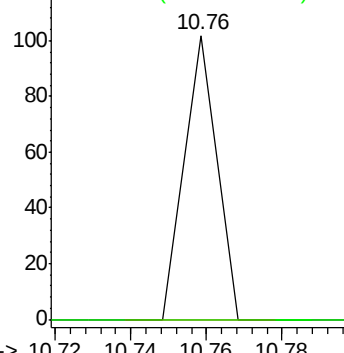
#69
o-Xylene
Concen: 75.07 ug/l
RT: 10.76 min Scan# 1037
Delta R.T. 0.12 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

Instrument :
MSVOA_F
ClientSampleId :
OK-01-022218

Tgt Ion:106 Resp: 60
Ion Ratio Lower Upper
106 100
91 0.0 107.6 322.8#

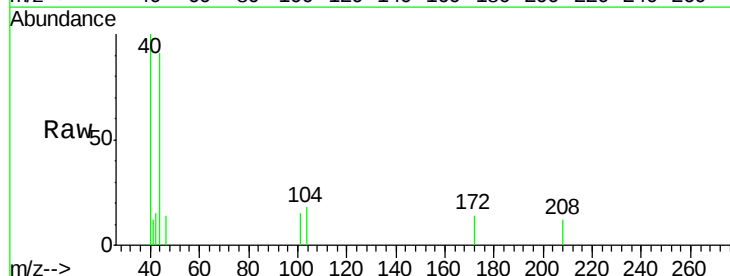


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

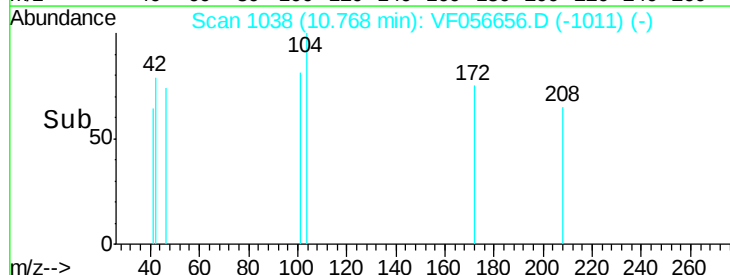
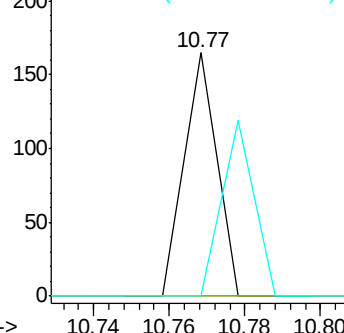


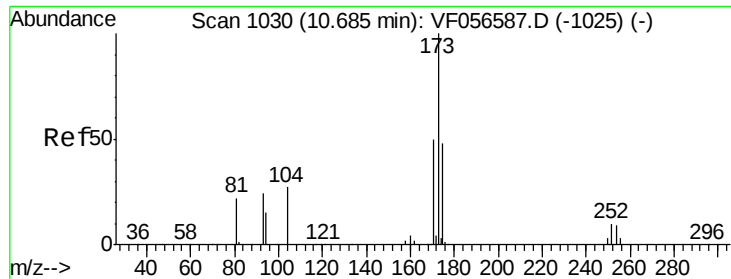
#70
Styrene
Concen: 77.37 ug/l
RT: 10.77 min Scan# 1038
Delta R.T. 0.06 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

Tgt Ion:104 Resp: 98
Ion Ratio Lower Upper
104 100
78 0.0 36.4 54.6#
103 100.0 38.7 58.1#



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





#71

Bromoform

Concen: 193.79 ug/l

RT: 10.79 min Scan# 1040

Delta R.T. 0.10 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

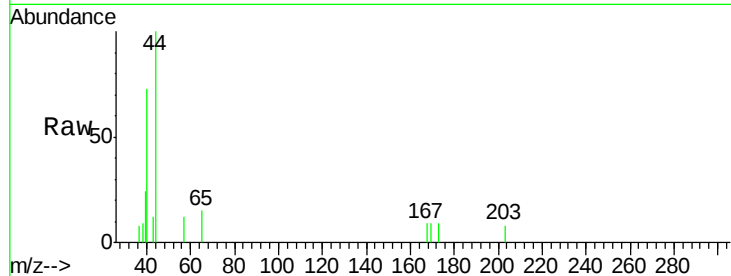
Instrument :

MSVOA_F

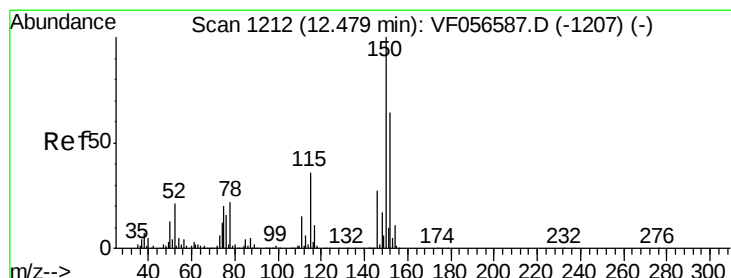
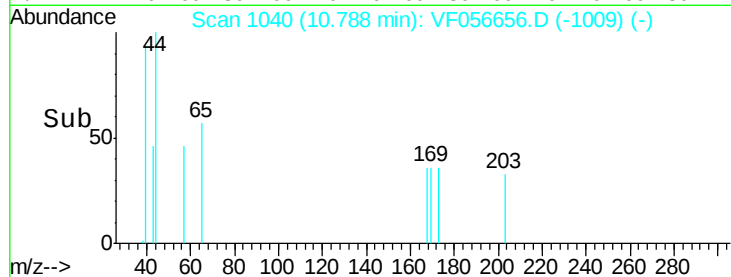
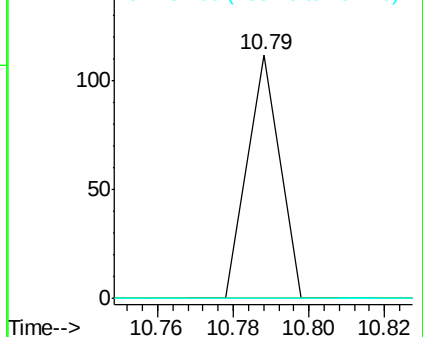
ClientSampleId :

OK-01-022218

Tgt Ion:	173	Resp:	66
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.0	72.0#
254	0.0	7.5	11.3#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

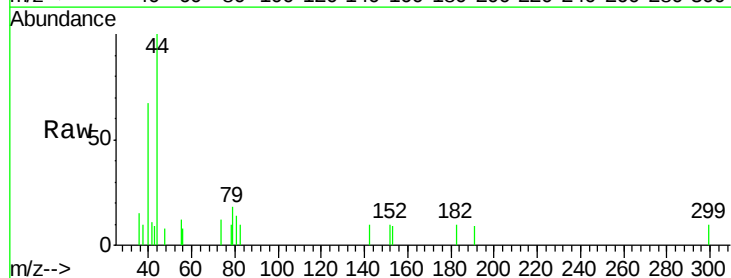
RT: 12.56 min Scan# 1220

Delta R.T. 0.08 min

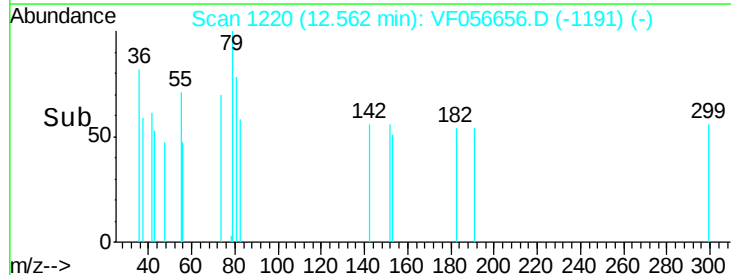
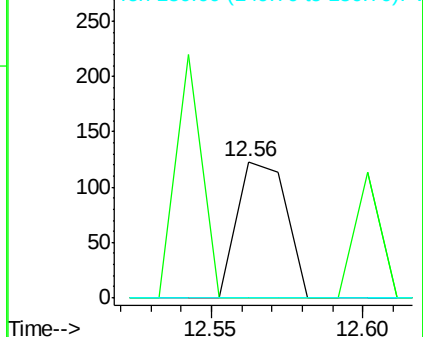
Lab File: VF056656.D

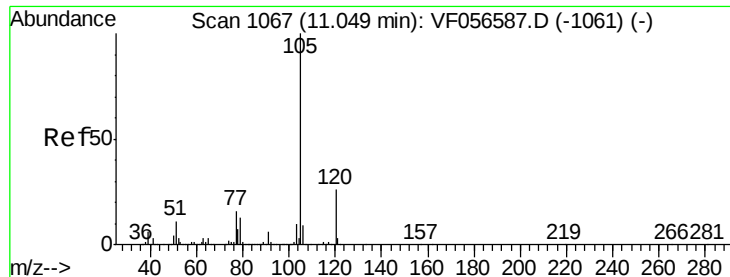
Acq: 23 Feb 2018 15:11

Tgt Ion:	152	Resp:	140
Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.1	84.3#
150	0.0	0.0	315.6



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





#73

Isopropylbenzene

Concen: 8.89 ug/l

RT: 10.95 min Scan# 1056

Delta R.T. -0.10 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

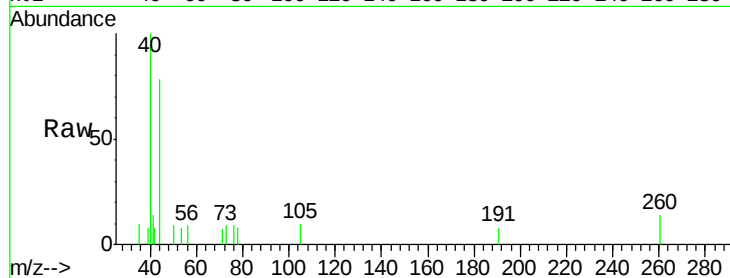
OK-01-022218

Tgt Ion: 105 Resp: 82

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

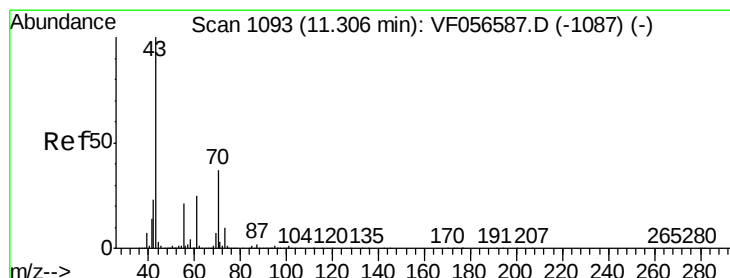
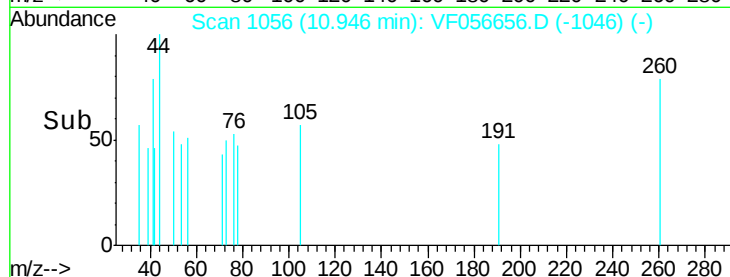
10.95

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 21.33 ug/l

RT: 11.36 min Scan# 1098

Delta R.T. 0.05 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Tgt Ion: 43 Resp: 88

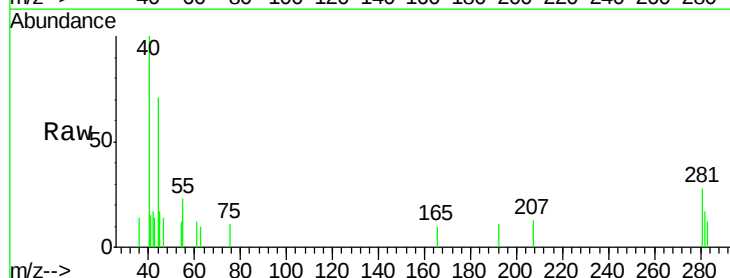
Ion Ratio Lower Upper

43 100

70 0.0 29.5 44.3#

55 160.4 17.0 25.4#

61 82.6 20.0 30.0#



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

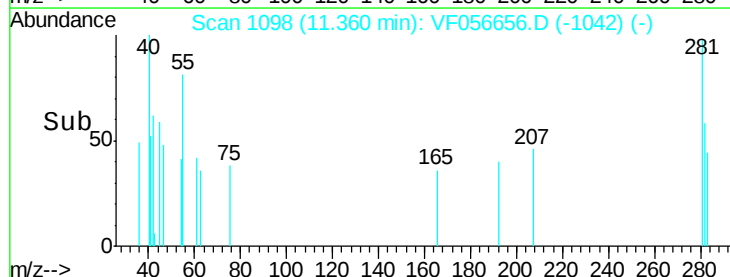
300

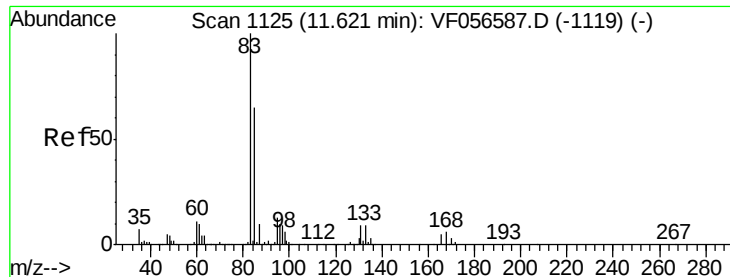
200

100

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.94 ug/l

RT: 11.56 min Scan# 1118

Delta R.T. -0.06 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampled :

OK-01-022218

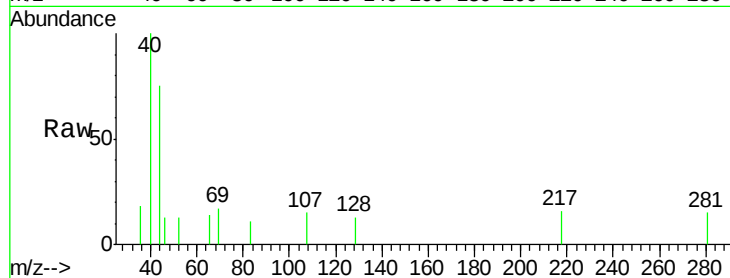
Tgt Ion: 83 Resp: 64

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.4#

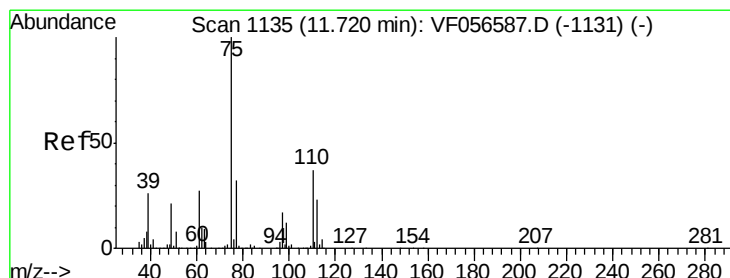
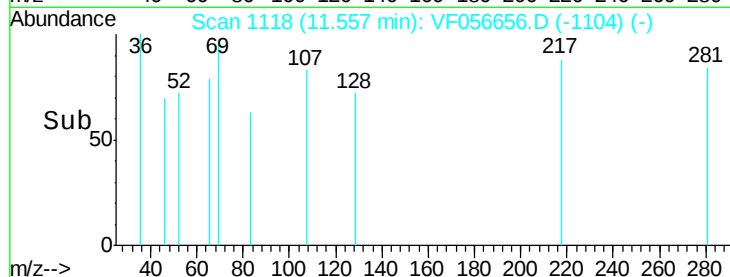
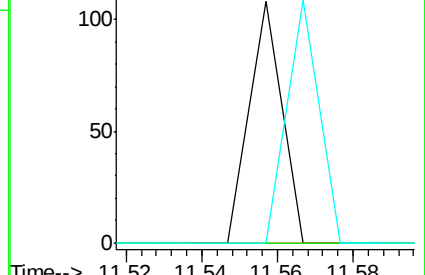
85 0.0 32.4 97.2#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 28.50 ug/l

RT: 11.73 min Scan# 1136

Delta R.T. 0.01 min

Lab File: VF056656.D

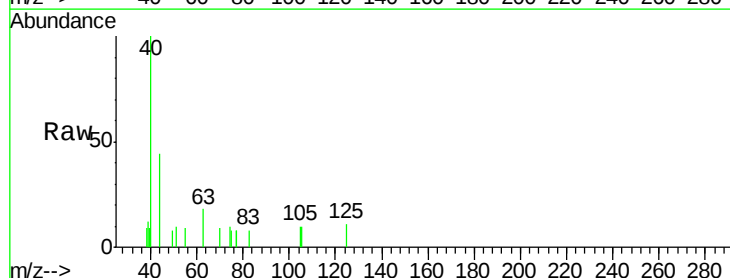
Acq: 23 Feb 2018 15:11

Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

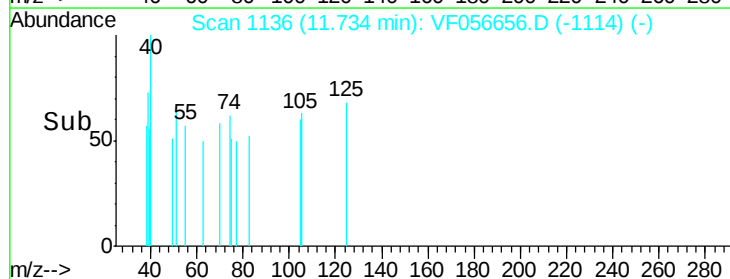
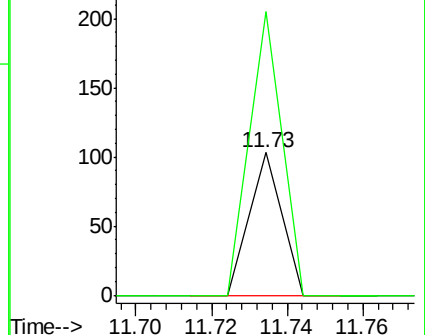
75 100

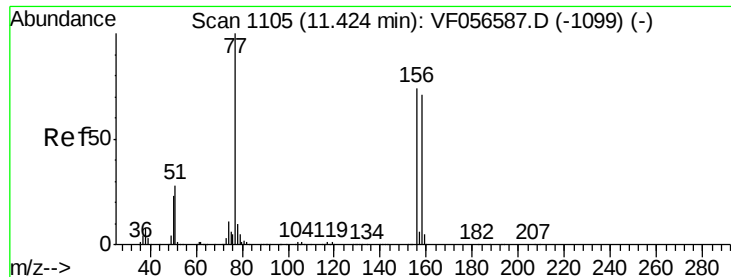
77 199.0 16.0 48.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 26.38 ug/l

RT: 11.42 min Scan# 1104

Delta R.T. -0.01 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

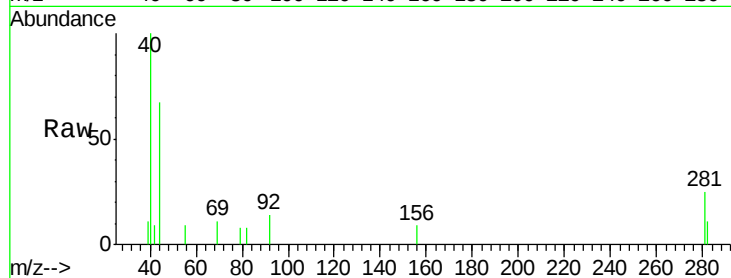
Tgt Ion:156 Resp: 66

Ion Ratio Lower Upper

156 100

77 0.0 67.3 201.8#

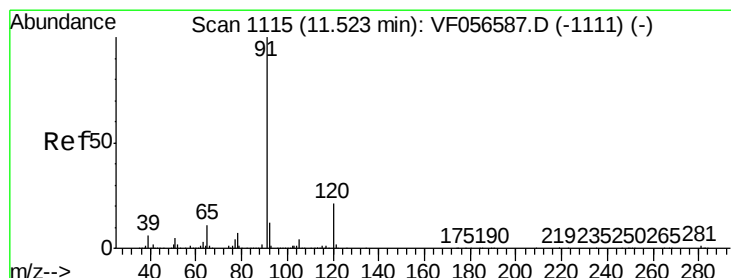
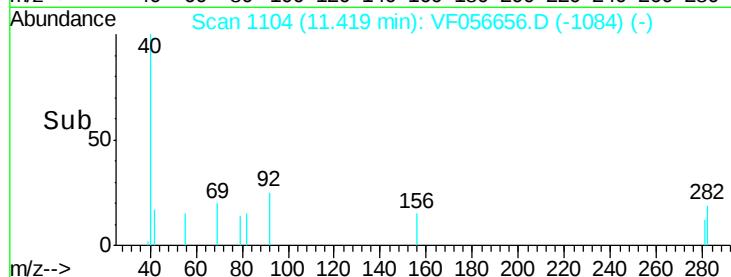
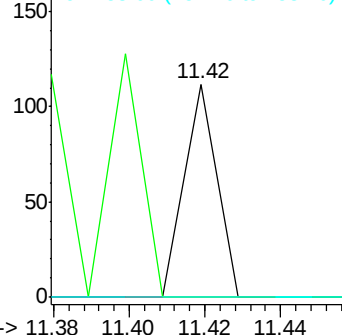
158 0.0 48.0 144.2#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 20.42 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.02 min

Lab File: VF056656.D

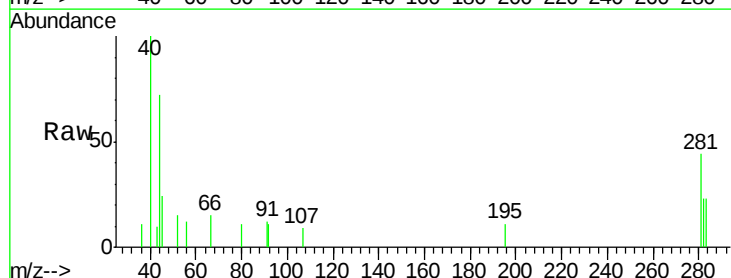
Acq: 23 Feb 2018 15:11

Tgt Ion: 91 Resp: 232

Ion Ratio Lower Upper

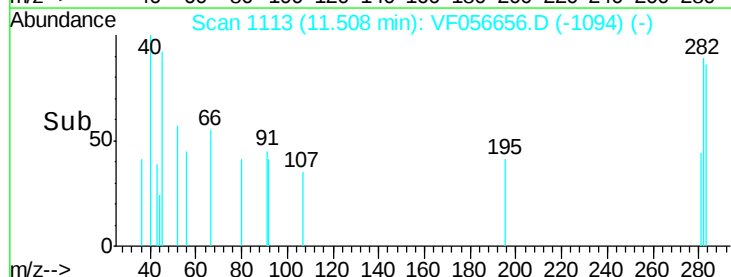
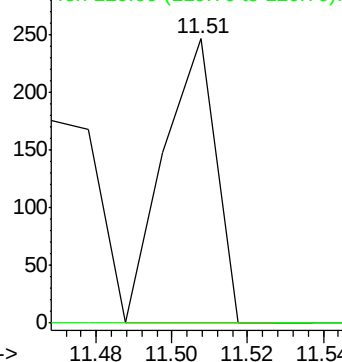
91 100

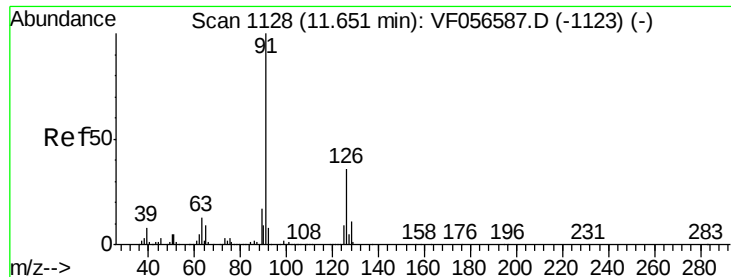
120 0.0 10.7 31.9#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

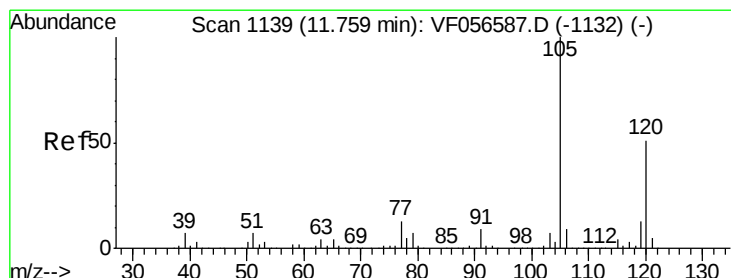
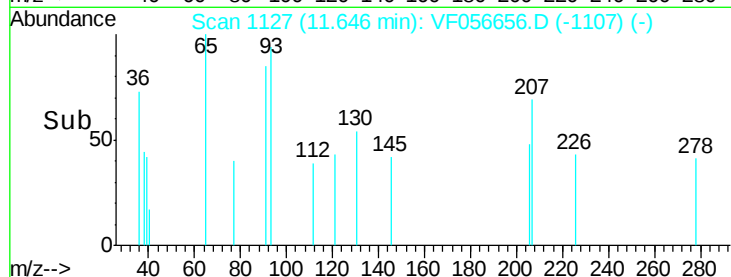
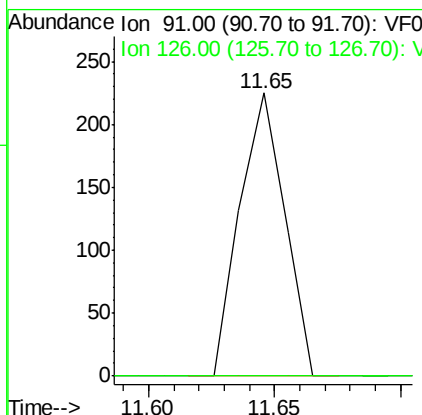
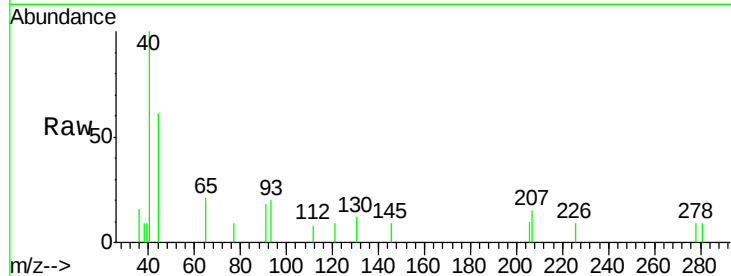




#79
 2-Chlorotoluene
 Concen: 41.70 ug/l
 RT: 11.65 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

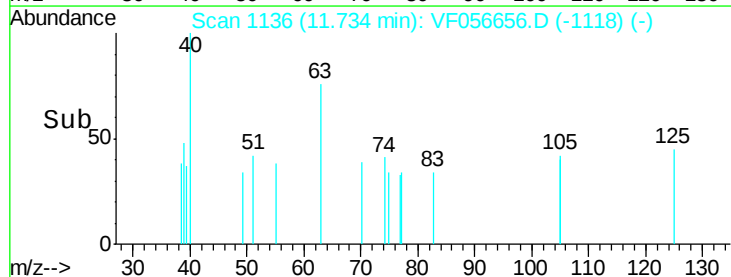
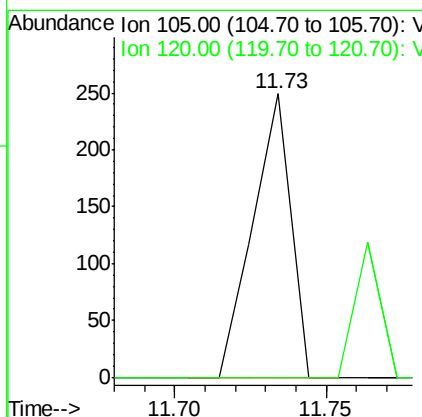
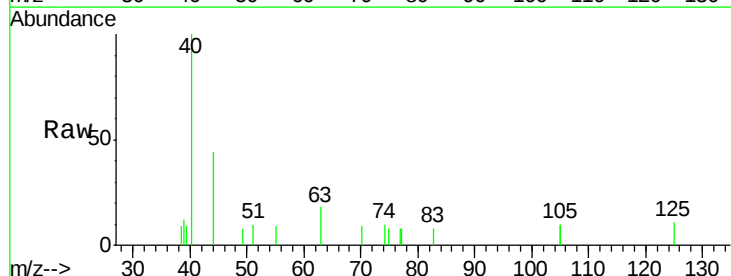
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

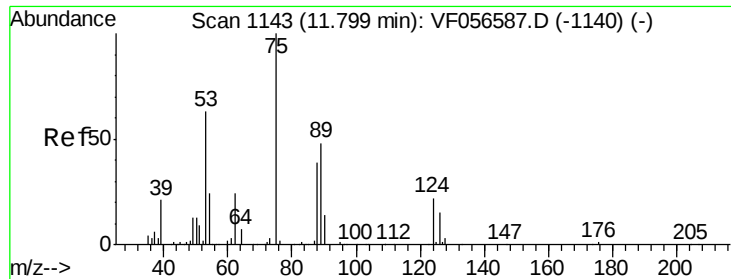
Tgt Ion: 91 Resp: 279
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.8 53.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 28.27 ug/l
 RT: 11.73 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Tgt Ion: 105 Resp: 216
 Ion Ratio Lower Upper
 105 100
 120 0.0 25.4 76.0#

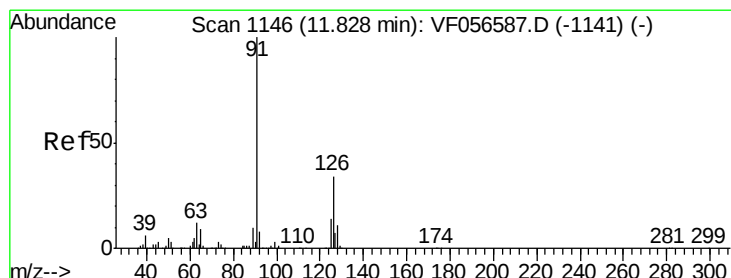
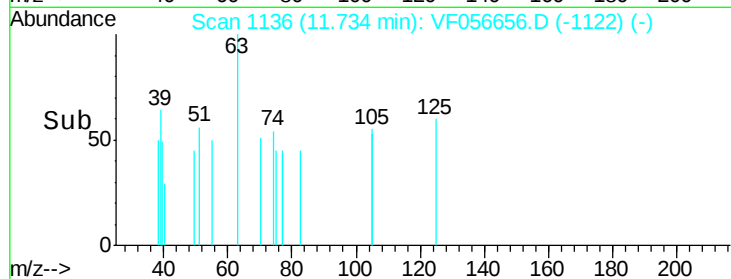
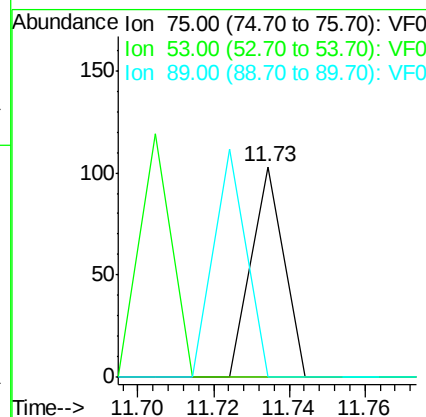
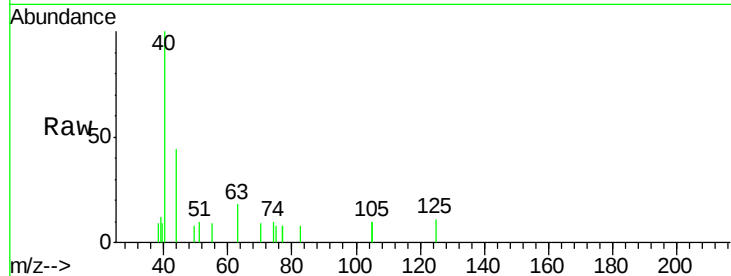




#81
trans-1,4-Dichloro-2-butene
Concen: 52.02 ug/l
RT: 11.73 min Scan# 1136
Delta R.T. -0.06 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

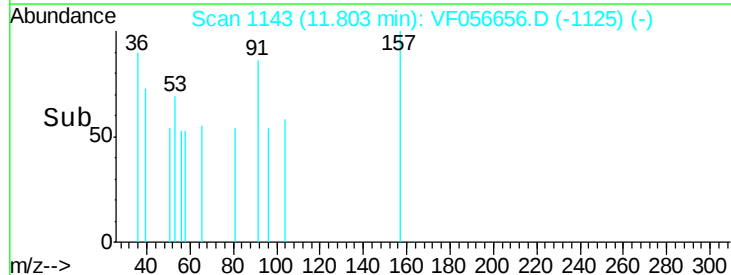
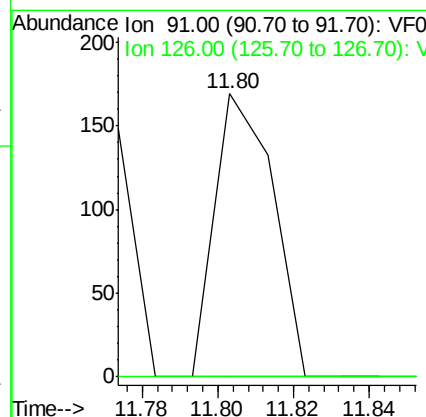
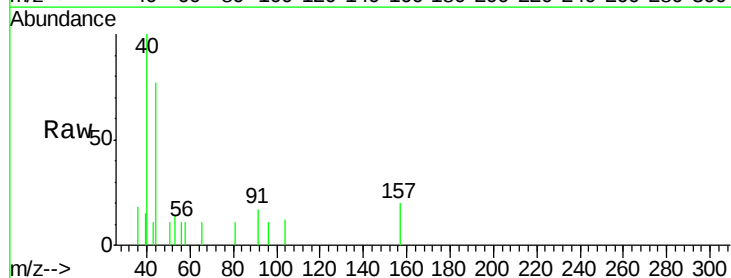
Instrument :
MSVOA_F
ClientSampleId :
OK-01-022218

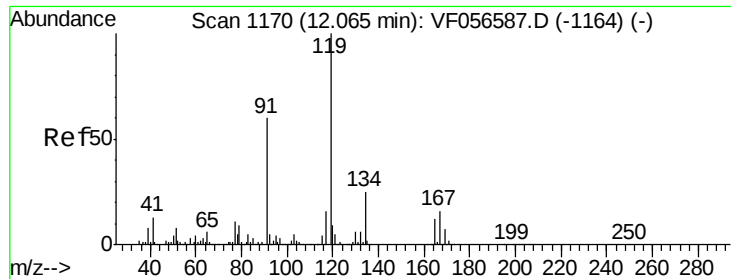
Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
53 0.0 55.4 83.0#
89 0.0 40.4 60.6#



#82
4-Chlorotoluene
Concen: 24.60 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. -0.02 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

Tgt Ion: 91 Resp: 179
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.3#

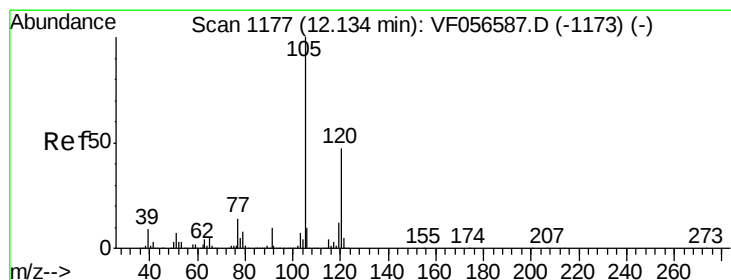
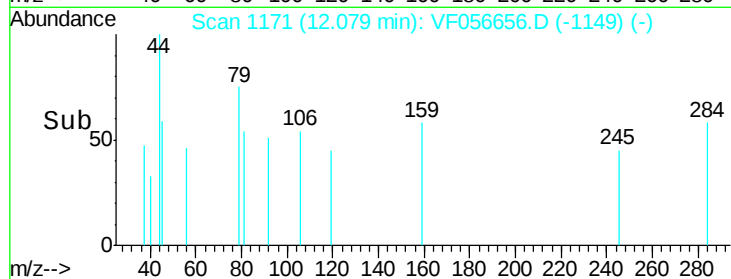
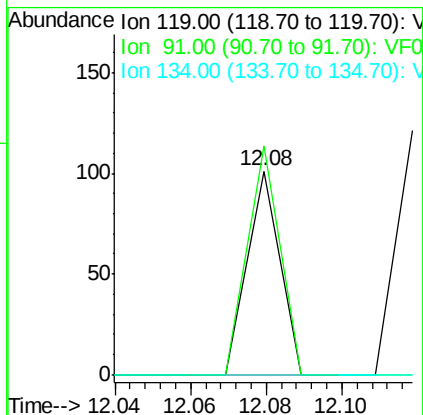
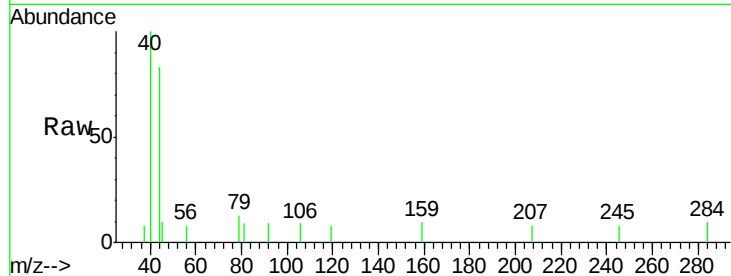




#83
 tert-Butylbenzene
 Concen: 8.11 ug/l
 RT: 12.08 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

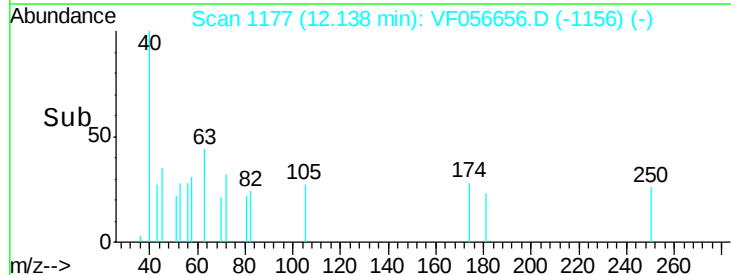
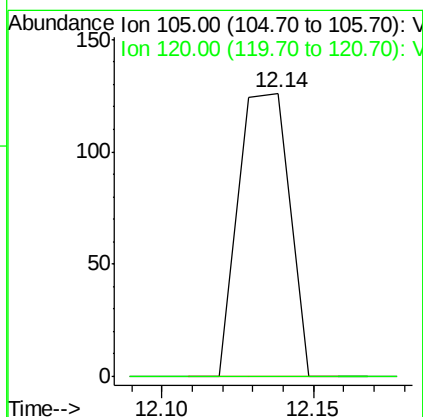
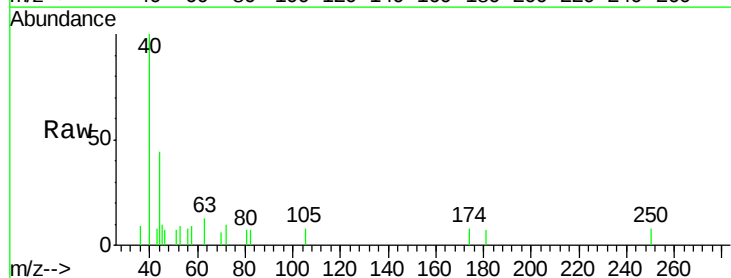
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

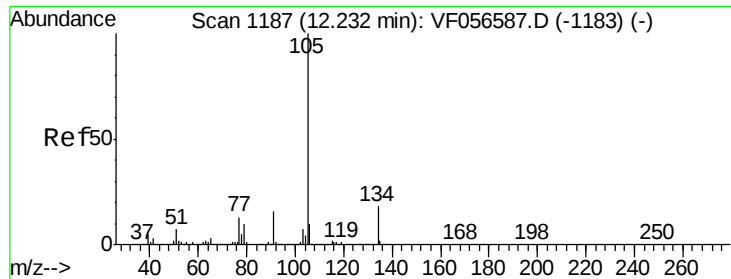
Tgt Ion:119 Resp: 60
 Ion Ratio Lower Upper
 119 100
 91 112.9 29.8 89.4#
 134 0.0 12.4 37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 18.57 ug/l
 RT: 12.14 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Tgt Ion:105 Resp: 148
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.5 70.5#

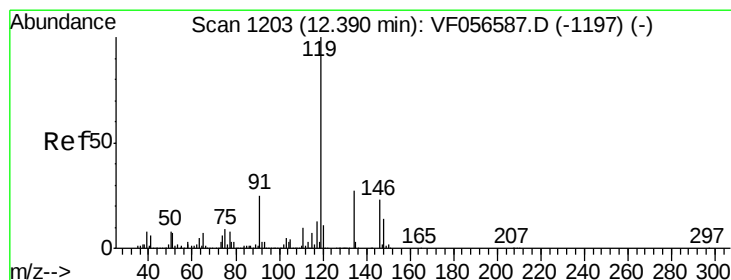
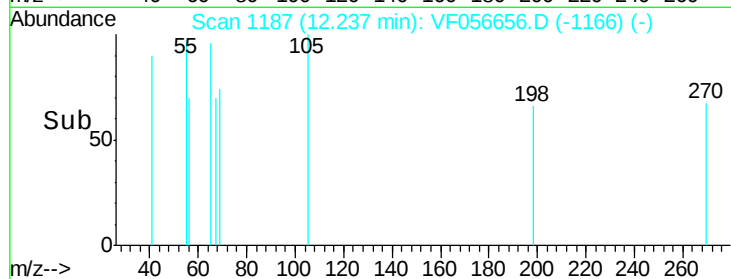
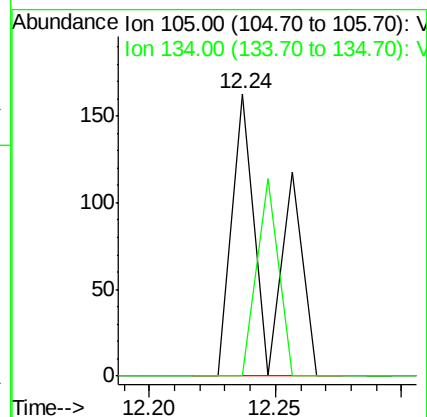
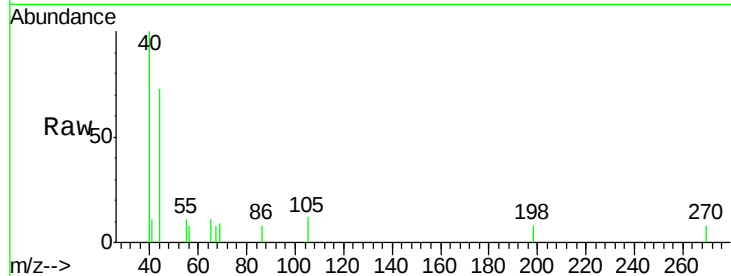




#85
 sec-Butylbenzene
 Concen: 16.30 ug/l
 RT: 12.24 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

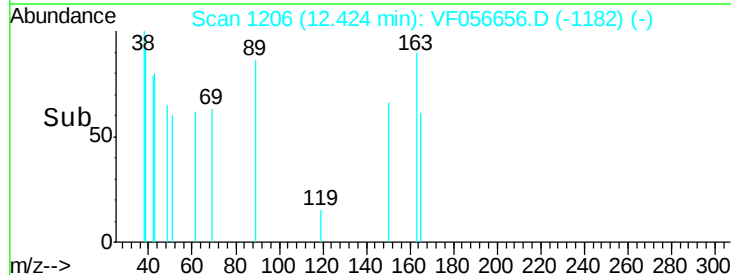
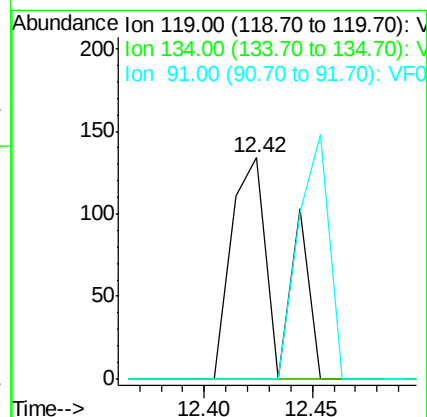
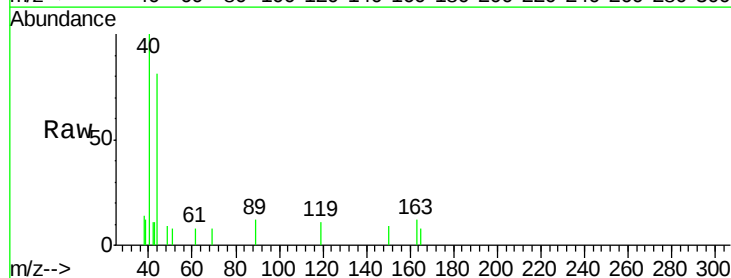
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

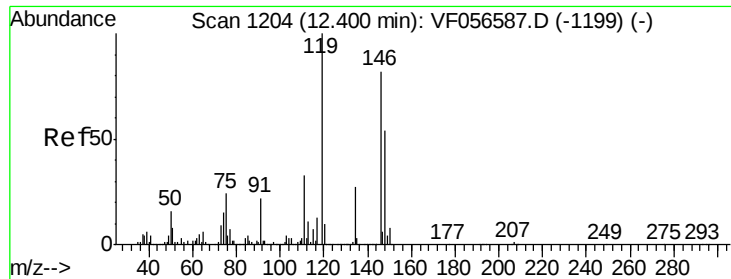
Tgt Ion:105 Resp: 166
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.1 27.3#



#86
 p-Isopropyltoluene
 Concen: 25.19 ug/l
 RT: 12.42 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Tgt Ion:119 Resp: 206
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.4 40.2#
 91 0.0 12.7 38.0#

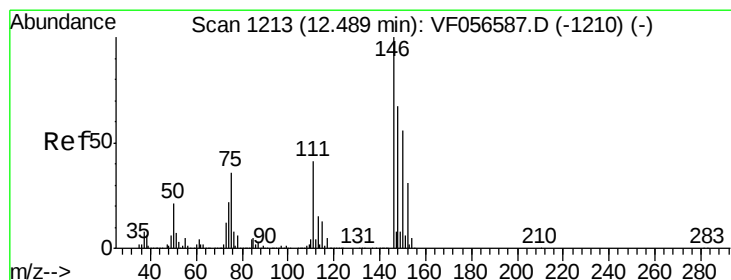
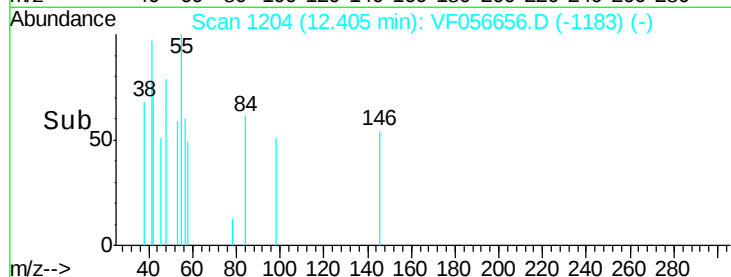
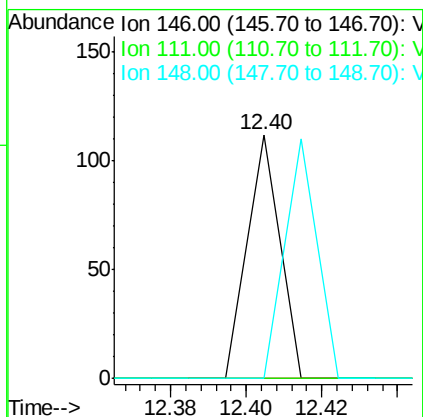
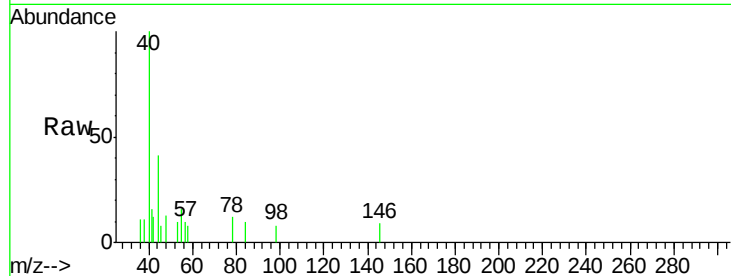




#87
 1,3-Dichlorobenzene
 Concen: 14.35 ug/l
 RT: 12.40 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

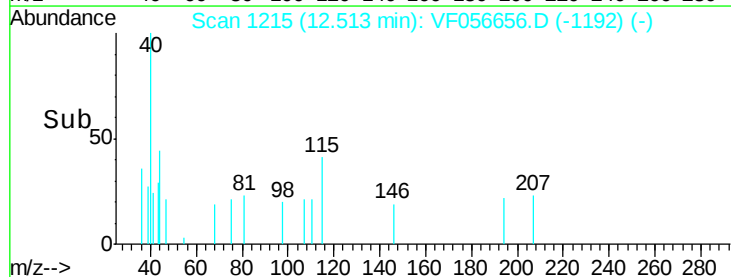
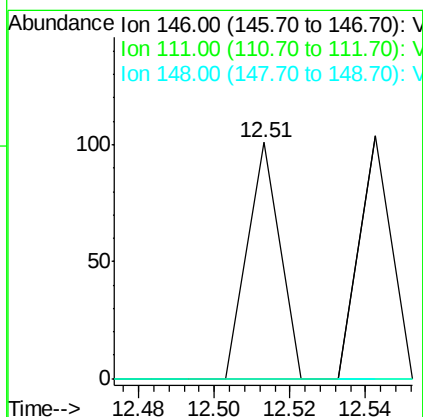
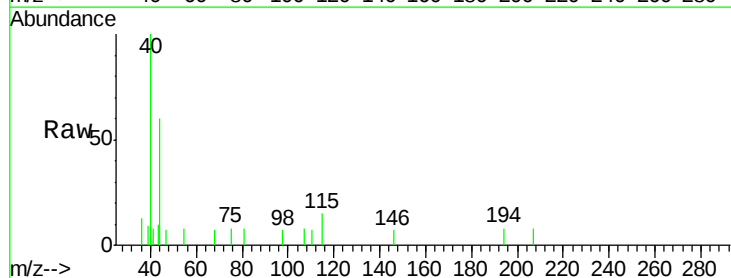
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

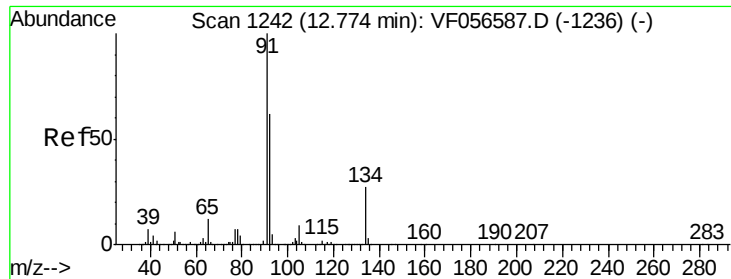
Tgt Ion:146 Resp: 66
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.0 60.0#
 148 0.0 32.6 97.7#



#88
 1,4-Dichlorobenzene
 Concen: 13.58 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. 0.02 min
 Lab File: VF056656.D
 Acq: 23 Feb 2018 15:11

Tgt Ion:146 Resp: 60
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.6 61.9#
 148 0.0 33.4 100.2#

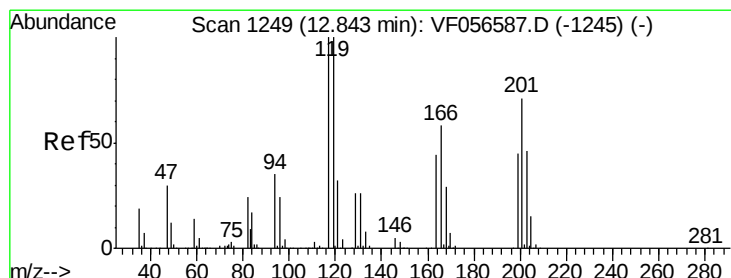
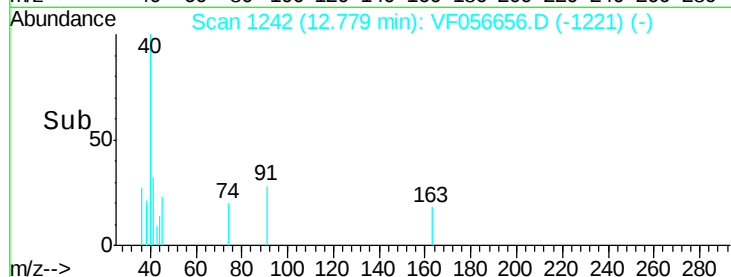
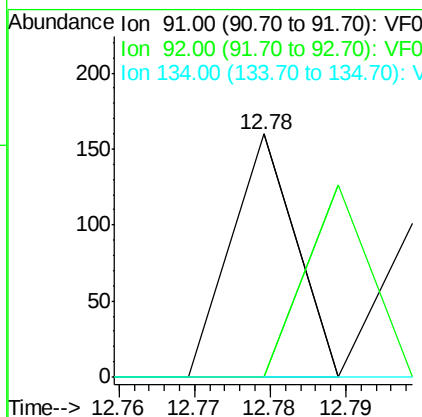
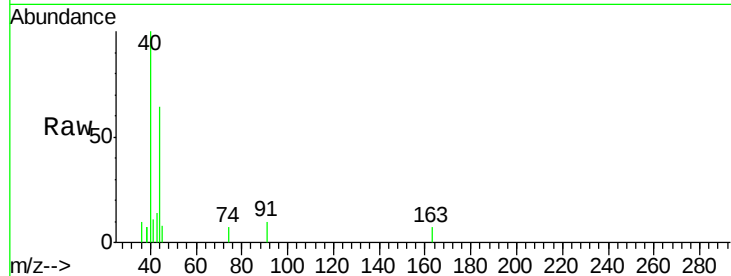




#89
n-Butylbenzene
Concen: 6.60 ug/l
RT: 12.78 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

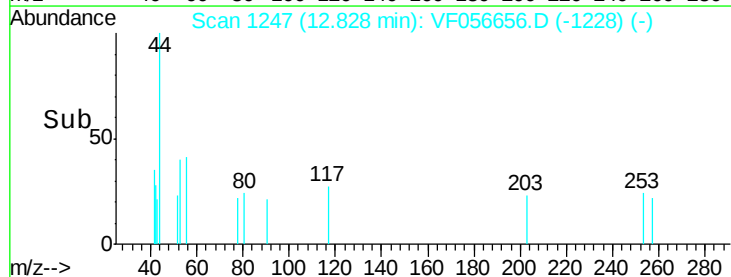
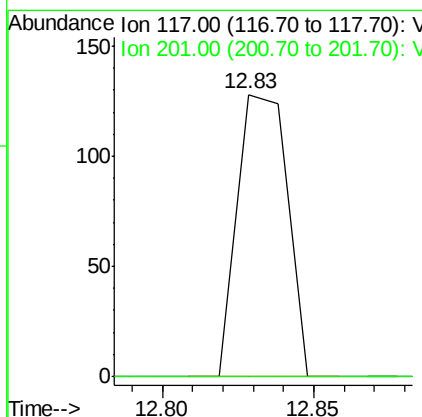
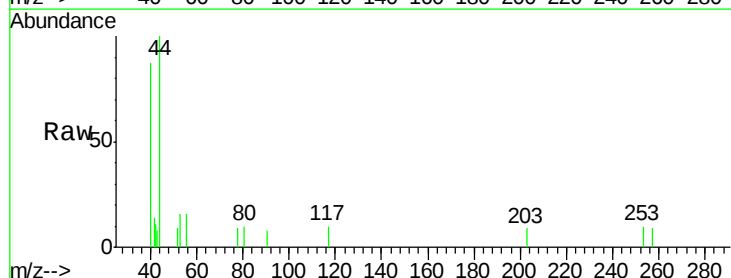
Instrument :
MSVOA_F
ClientSampleId :
OK-01-022218

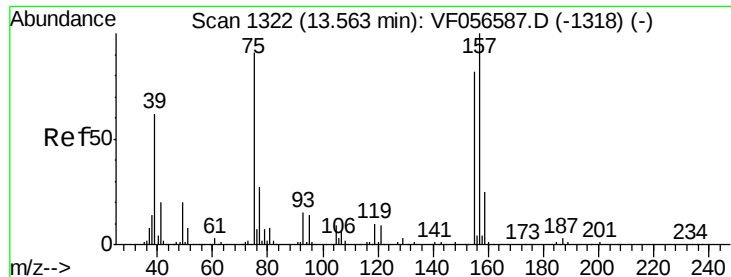
Tgt Ion: 91 Resp: 95
Ion Ratio Lower Upper
91 100
92 0.0 30.9 92.7#
134 0.0 13.7 41.0#



#90
Hexachloroethane
Concen: 94.78 ug/l
RT: 12.83 min Scan# 1247
Delta R.T. -0.02 min
Lab File: VF056656.D
Acq: 23 Feb 2018 15:11

Tgt Ion: 117 Resp: 149
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 119.29 ug/l

RT: 13.70 min Scan# 1335

Delta R.T. 0.13 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

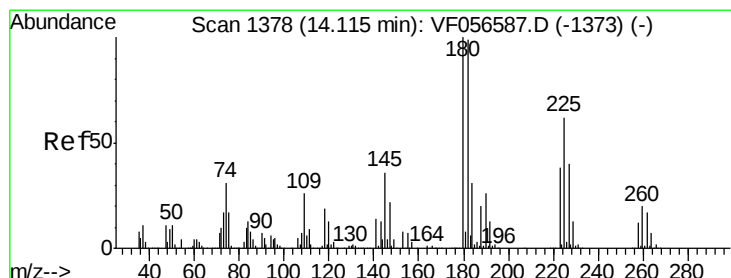
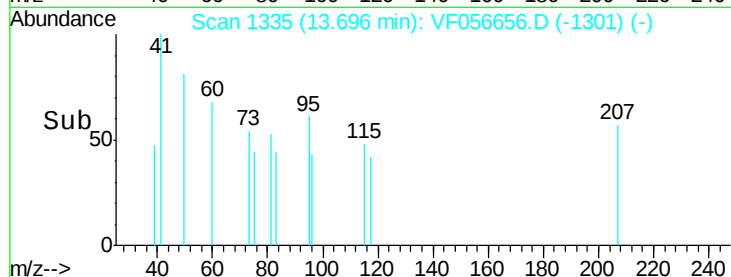
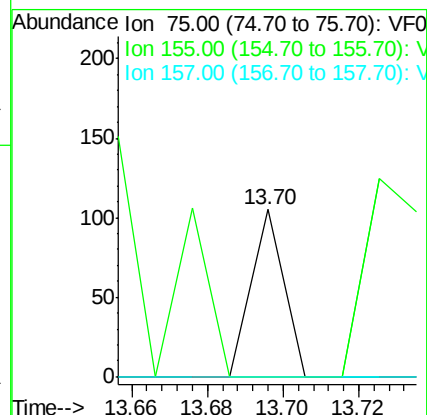
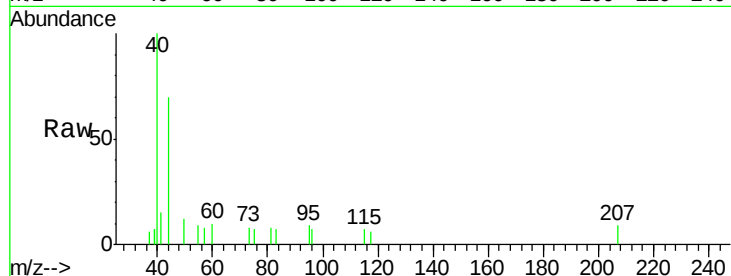
Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

155 0.0 45.1 135.3#

157 0.0 54.9 164.8#



#93

1,2,4-Trichlorobenzene

Concen: 30.70 ug/l

RT: 14.08 min Scan# 1374

Delta R.T. -0.03 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

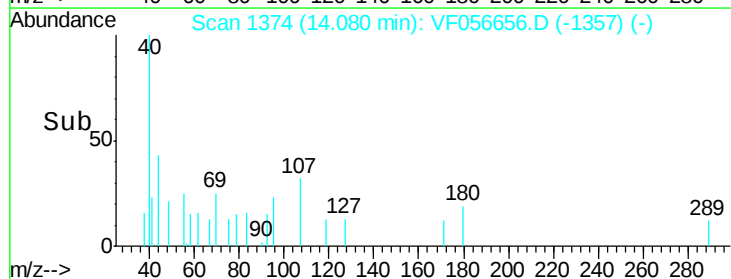
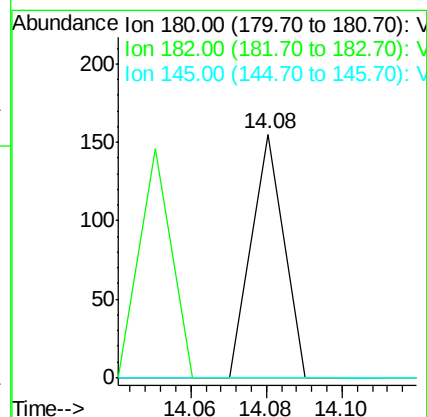
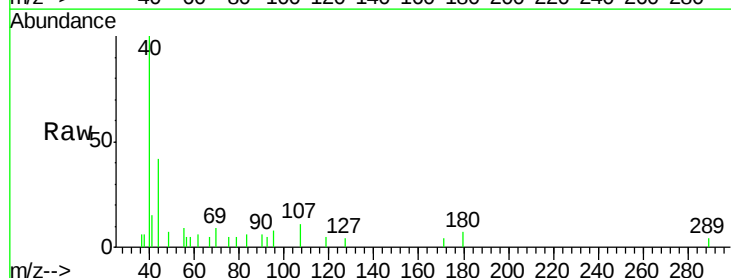
Tgt Ion: 180 Resp: 92

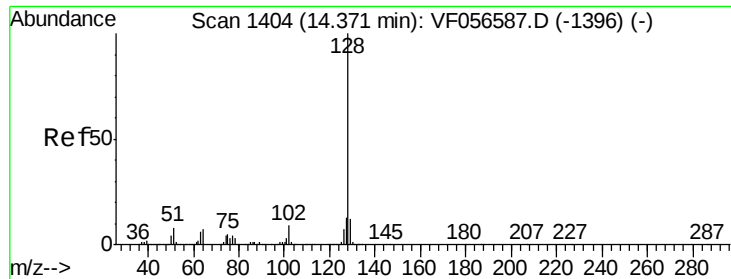
Ion Ratio Lower Upper

180 100

182 0.0 49.5 148.5#

145 0.0 17.8 53.5#





#95

Naphthalene

Concen: 57.58 ug/l

RT: 14.38 min Scan# 1404

Delta R.T. 0.00 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

OK-01-022218

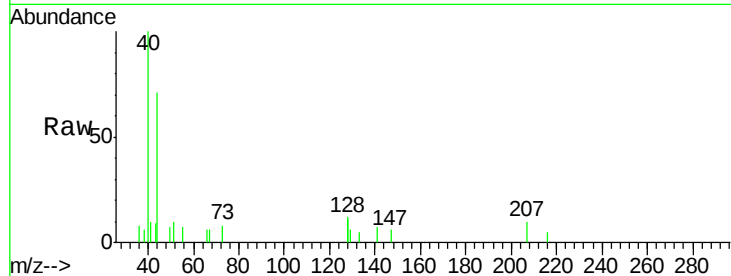
Tgt Ion:128 Resp: 434

Ion Ratio Lower Upper

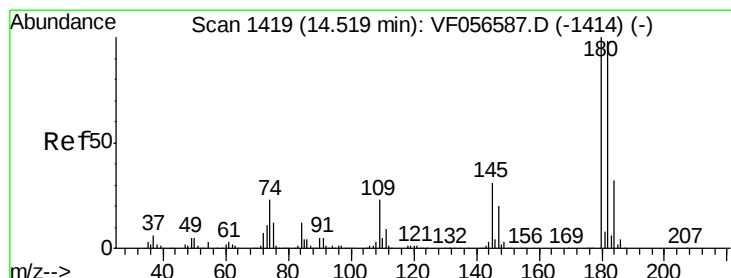
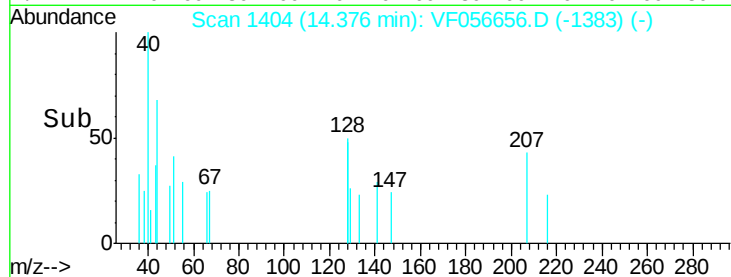
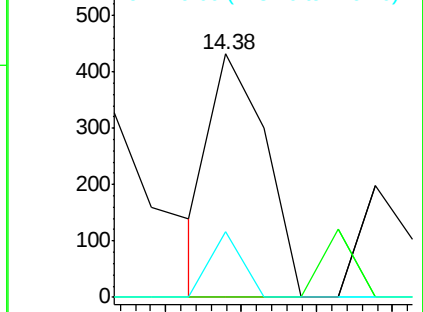
128 100

127 0.0 10.3 15.5#

129 26.9 9.4 14.0#



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



#96

1,2,3-Trichlorobenzene

Concen: 44.22 ug/l

RT: 14.54 min Scan# 1421

Delta R.T. 0.02 min

Lab File: VF056656.D

Acq: 23 Feb 2018 15:11

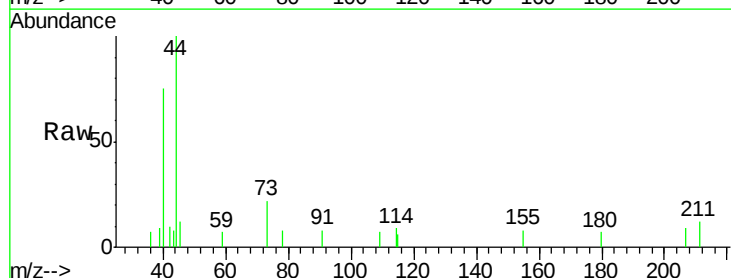
Tgt Ion:180 Resp: 128

Ion Ratio Lower Upper

180 100

182 0.0 49.0 147.2#

145 0.0 15.4 46.1#



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

