

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
 Data File : VF056663.D
 Acq On : 23 Feb 2018 18:45
 Operator : JC/SY
 Sample : J1672-03
 Misc : 4.94g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 72-11982

Quant Time: Feb 24 00:49:03 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	4.75	168	86	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.17	114	64	50.00	ug/l	-0.34
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.69
72) 1,4-Dichlorobenzene-d4	12.45	152	78	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.69	65	166	159.66	ug/l	-0.07
Spiked Amount	50.000		Recovery	=	319.32%	
35) Dibromofluoromethane	3.84	113	61	126.73	ug/l	-0.18
Spiked Amount	50.000		Recovery	=	253.46%	
50) Toluene-d8	7.04	98	61	42.28	ug/l	-0.43
Spiked Amount	50.000		Recovery	=	84.56%	
62) 4-Bromofluorobenzene	10.71	95	63	95.99	ug/l	-0.62
Spiked Amount	50.000		Recovery	=	191.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.76	85	64	73.79	ug/l #	45
3) Chloromethane	1.02	50	77	79.60	ug/l #	11
4) Vinyl Chloride	1.01	62	63	91.67	ug/l #	42
5) Bromomethane	1.18	94	66	171.73	ug/l #	1
6) Chloroethane	1.33	64	62	Below Cal	#	43
9) 1,1,2-Trichlorotrifluoroet	1.77	101	79	130.19	ug/l #	19
10) Methyl Iodide	1.72	142	69	61.00	ug/l #	33
11) Tert butyl alcohol	2.35	59	104	1482.02	ug/l #	67
12) 1,1-Dichloroethene	1.62	96	60	107.35	ug/l #	1
13) Acrolein	1.90	56	63	838.66	ug/l #	13
14) Allyl chloride	2.05	41	76	79.10	ug/l #	76
15) Acrylonitrile	2.87	53	69	390.19	ug/l #	15
16) Acetone	2.16	43	153	500.04	ug/l #	59
17) Carbon Disulfide	1.86	76	101	69.30	ug/l #	69
18) Methyl Acetate	2.26	43	215	378.97	ug/l #	64
19) Methyl tert-butyl Ether	2.35	73	106	64.13	ug/l #	55
20) Methylene Chloride	2.11	84	99	169.97	ug/l #	46
21) trans-1,2-Dichloroethene	2.31	96	78	132.45	ug/l #	1
22) Diisopropyl ether	2.72	45	209	97.04	ug/l #	43
23) Vinyl Acetate	3.11	43	394	224.83	ug/l #	77
24) 1,1-Dichloroethane	2.87	63	66	55.48	ug/l #	88
25) 2-Butanone	4.25	43	108	198.49	ug/l #	56
26) 2,2-Dichloropropane	3.53	77	62	94.16	ug/l #	57
27) cis-1,2-Dichloroethene	3.35	96	59	59.64	ug/l	34
28) Bromochloromethane	3.71	49	85	152.61	ug/l	90
29) Tetrahydrofuran	4.00	42	61	242.13	ug/l #	34
30) Chloroform	3.65	83	75	44.05	ug/l #	18
31) Cyclohexane	3.63	56	87	68.09	ug/l #	20
32) 1,1,1-Trichloroethane	3.91	97	66	63.98	ug/l #	22
36) 1,1-Dichloropropene	3.94	75	94	155.98	ug/l #	43
37) Ethyl Acetate	3.68	43	268	497.35	ug/l #	31
38) Carbon Tetrachloride	3.72	117	178	396.79	ug/l #	9
39) Methylcyclohexane	5.05	83	60	92.06	ug/l #	15
40) Benzene	4.30	78	80	52.35	ug/l #	52

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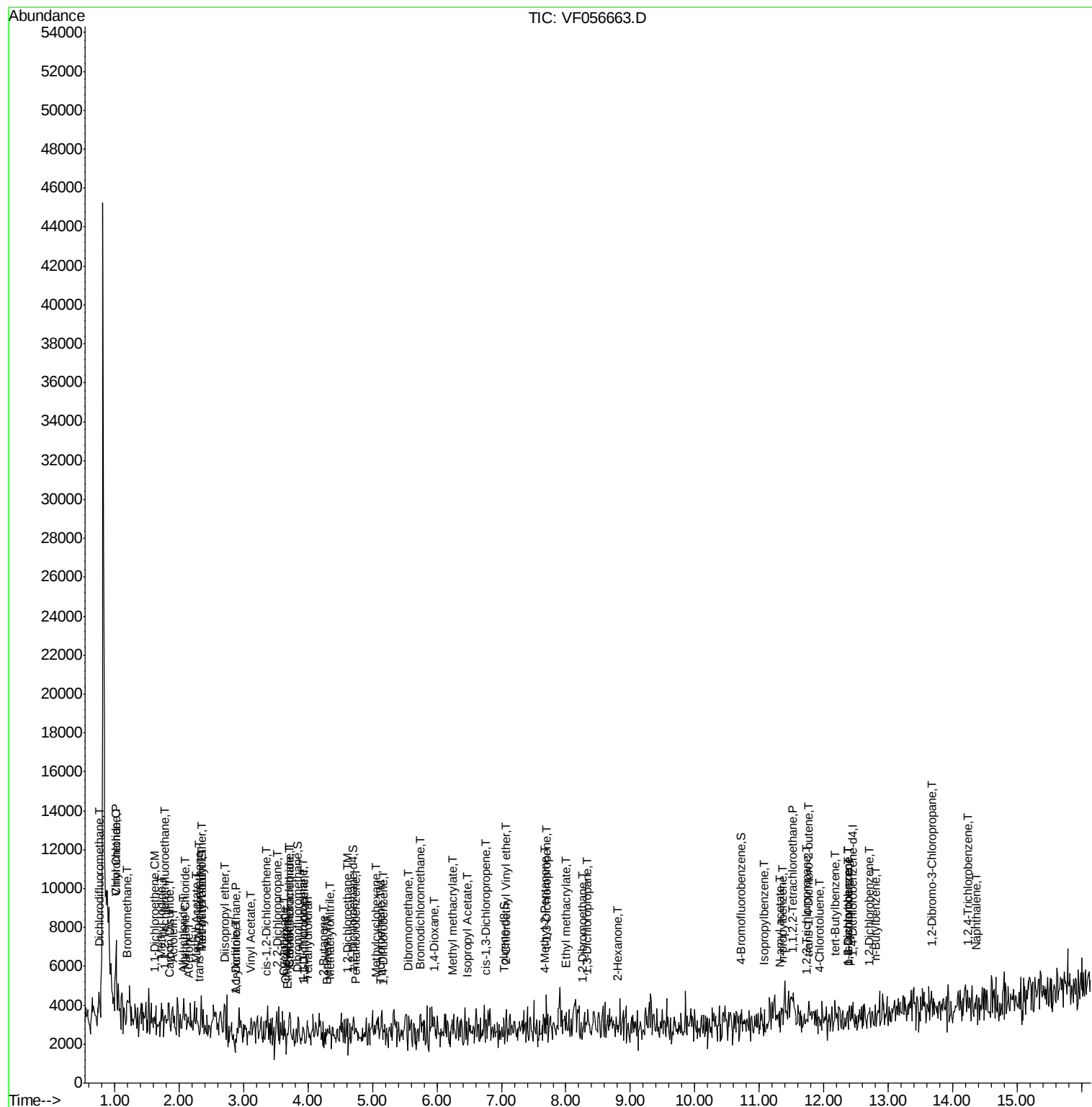
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

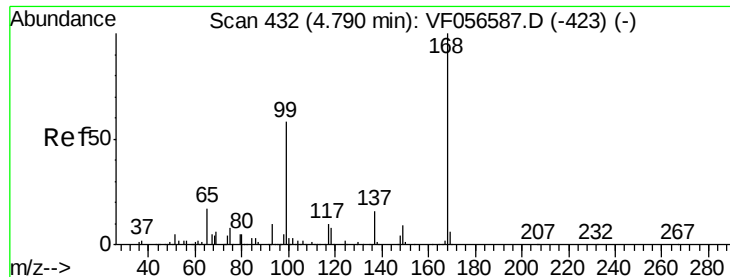
41) Methacrylonitrile	4.33	41	64	244.71	ug/l #	24
42) 1,2-Dichloroethane	4.61	62	122	205.37	ug/l	76
43) Isopropyl Acetate	6.47	43	373	564.64	ug/l #	42
44) Trichloroethene	5.12	130	94	209.61	ug/l	1
46) Dibromomethane	5.56	93	63	188.06	ug/l #	5
47) Bromodichloromethane	5.76	83	62	100.15	ug/l #	24
48) Methyl methacrylate	6.23	41	98	253.18	ug/l #	17
49) 1,4-Dioxane	5.96	88	98	24560.60	ug/l #	26
51) 4-Methyl-2-Pentanone	7.68	43	69	152.70	ug/l #	36
53) t-1,3-Dichloropropene	7.70	75	124	198.86	ug/l #	43
54) cis-1,3-Dichloropropene	6.77	75	96	132.31	ug/l #	29
56) Ethyl methacrylate	8.00	69	92	174.73	ug/l #	76
57) 1,3-Dichloropropane	8.32	76	68	96.99	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.07	63	140	1955.75	ug/l	100
59) 2-Hexanone	8.80	43	92	250.85	ug/l #	25
61) 1,2-Dibromoethane	8.25	107	143	306.29	ug/l #	1
73) Isopropylbenzene	11.07	105	124	24.14	ug/l #	49
74) N-amyl acetate	11.31	43	115	50.04	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.51	83	71	45.68	ug/l #	25
76) 1,2,3-Trichloropropane	11.74	75	79	66.24	ug/l #	43
78) n-propylbenzene	11.36	91	64	10.11	ug/l #	55
81) trans-1,4-Dichloro-2-buten	11.78	75	63	96.42	ug/l #	20
82) 4-Chlorotoluene	11.92	91	85	20.96	ug/l #	40
83) tert-Butylbenzene	12.16	119	62	15.04	ug/l #	30
86) p-Isopropyltoluene	12.36	119	66	14.48	ug/l #	49
87) 1,3-Dichlorobenzene	12.38	146	69	26.92	ug/l #	24
88) 1,4-Dichlorobenzene	12.38	146	69	28.04	ug/l #	23
89) n-Butylbenzene	12.80	91	62	9.05	ug/l #	28
91) 1,2-Dichlorobenzene	12.70	146	60	24.40	ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.67	75	66	227.92	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.23	180	80	47.92	ug/l #	11
95) Naphthalene	14.38	128	60	14.29	ug/l #	69

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.75 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

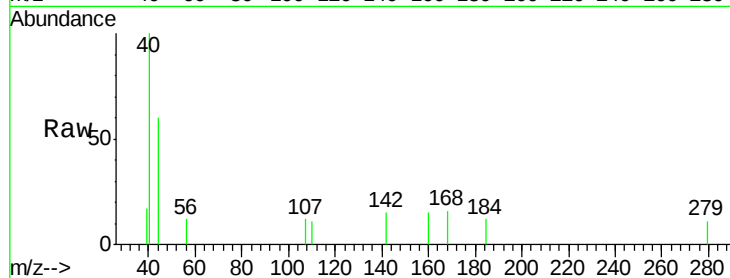
72-11982

Tgt Ion:168 Resp: 86

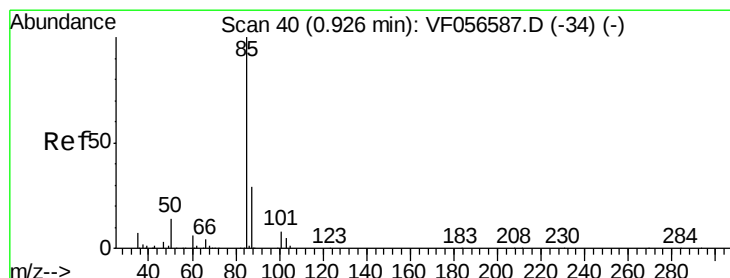
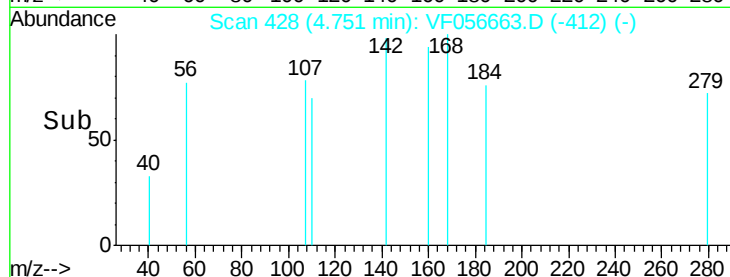
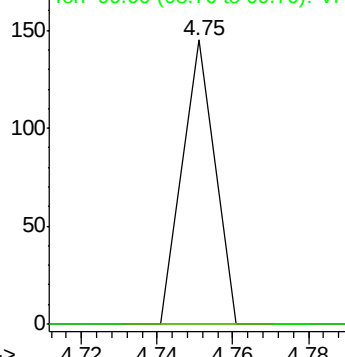
Ion Ratio Lower Upper

168 100

99 0.0 46.2 69.2#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 73.79 ug/l

RT: 0.76 min Scan# 23

Delta R.T. -0.17 min

Lab File: VF056663.D

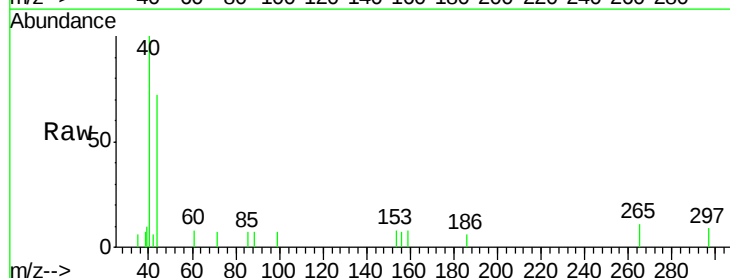
Acq: 23 Feb 2018 18:45

Tgt Ion: 85 Resp: 64

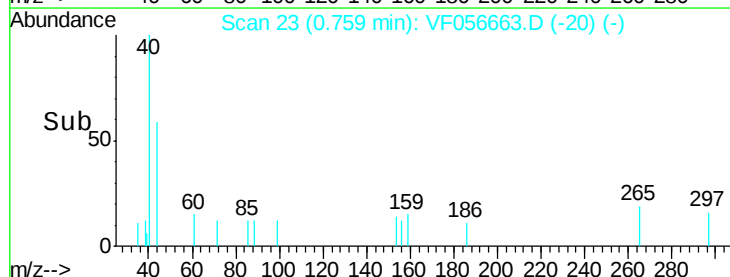
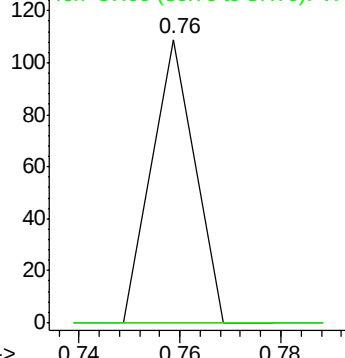
Ion Ratio Lower Upper

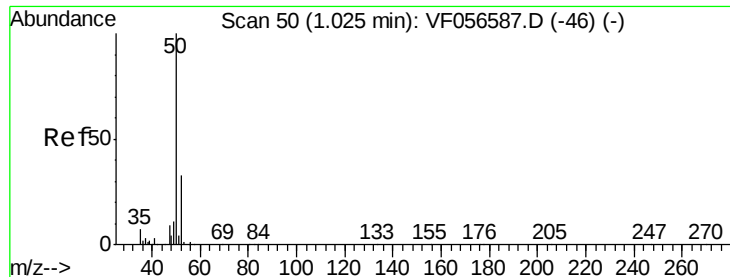
85 100

87 0.0 14.7 44.1#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 79.60 ug/l

RT: 1.02 min Scan# 50

Delta R.T. 0.00 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

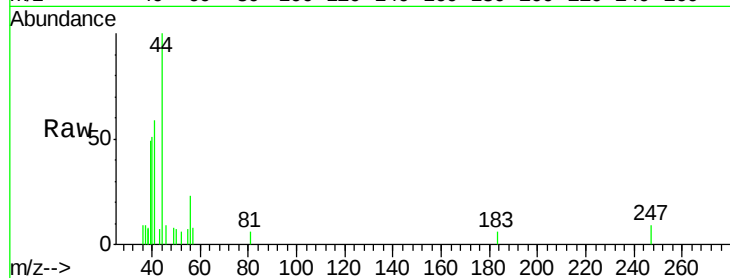
72-11982

Tgt Ion: 50 Resp: 77

Ion Ratio Lower Upper

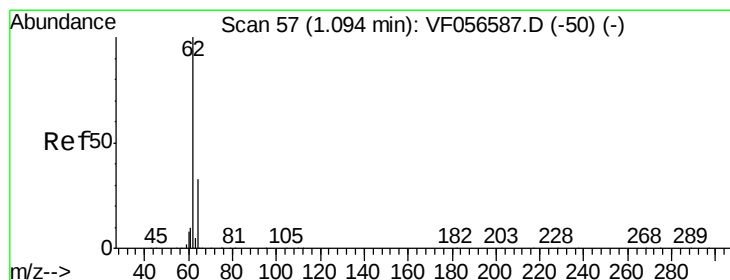
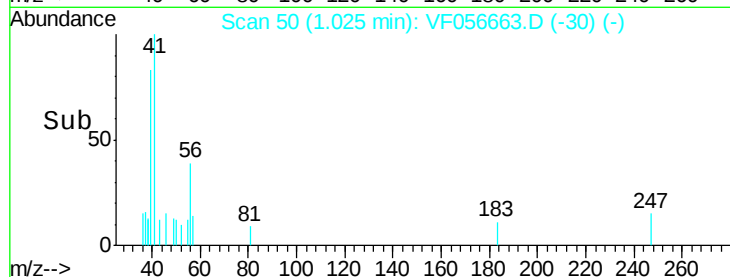
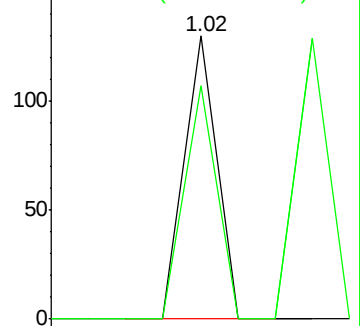
50 100

52 82.3 25.8 38.8#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 91.67 ug/l

RT: 1.01 min Scan# 49

Delta R.T. -0.08 min

Lab File: VF056663.D

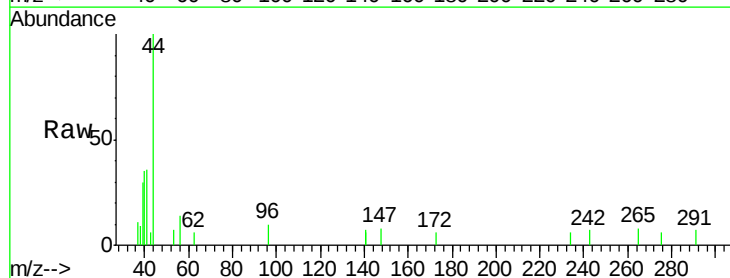
Acq: 23 Feb 2018 18:45

Tgt Ion: 62 Resp: 63

Ion Ratio Lower Upper

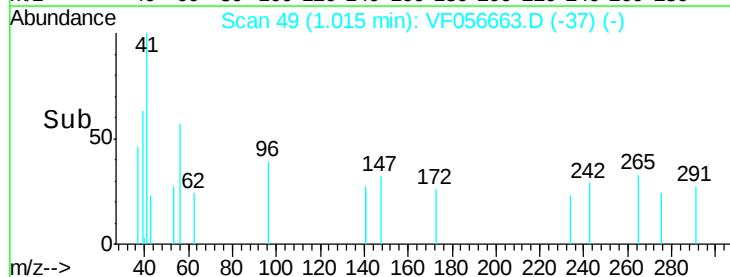
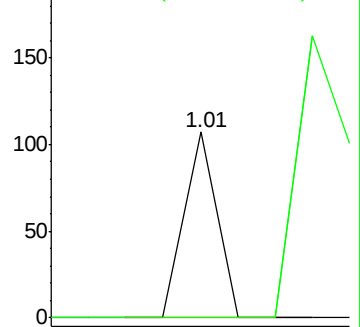
62 100

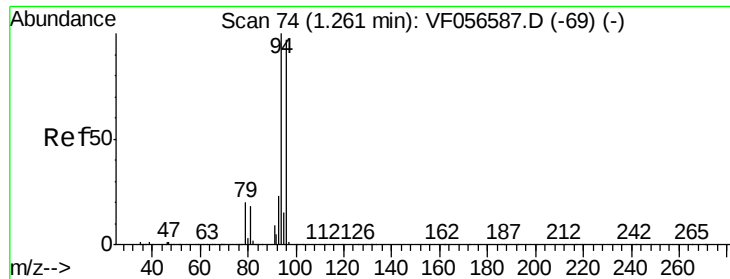
64 0.0 26.4 39.6#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 171.73 ug/l

RT: 1.18 min Scan# 66

Delta R.T. -0.08 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

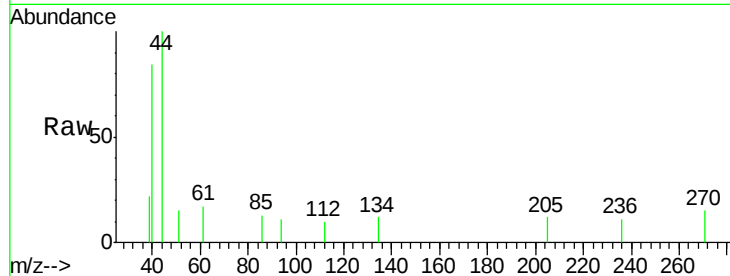
72-11982

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

1.18

100

80

60

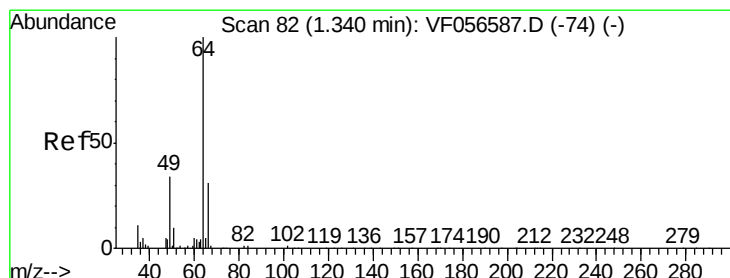
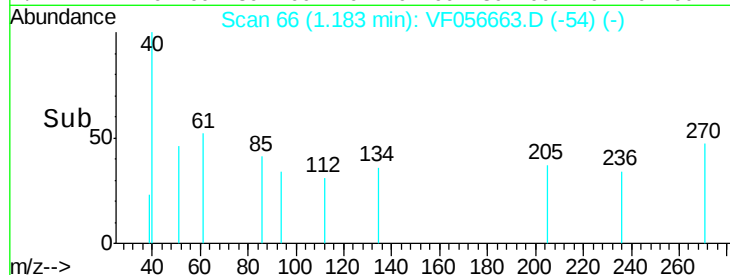
40

20

0

1.16 1.18 1.20

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.33 min Scan# 81

Delta R.T. -0.01 min

Lab File: VF056663.D

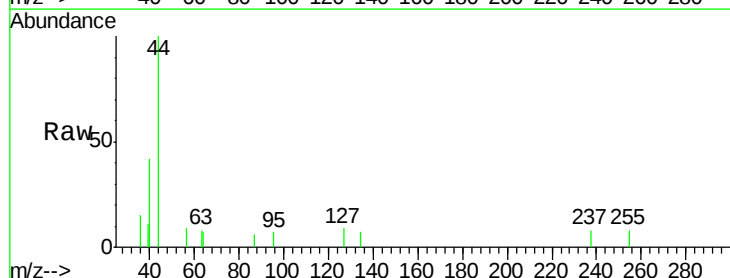
Acq: 23 Feb 2018 18:45

Tgt Ion: 64 Resp: 62

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

1.33

120

100

80

60

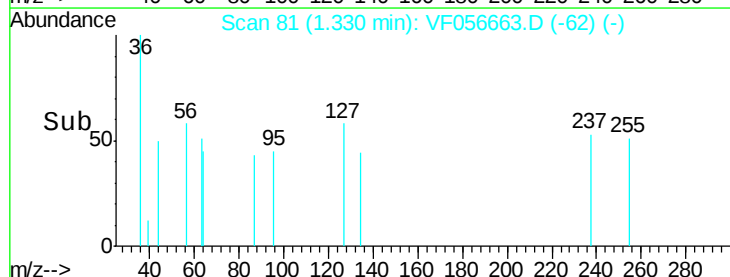
40

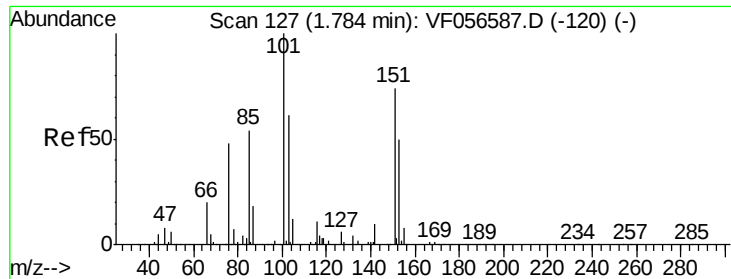
20

0

1.30 1.32 1.34 1.36

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 130.19 ug/l

RT: 1.77 min Scan# 126

Delta R.T. -0.01 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

72-11982

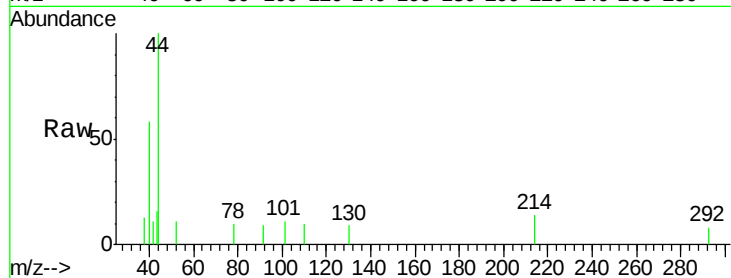
Tgt Ion:101 Resp: 79

Ion Ratio Lower Upper

101 100

85 0.0 41.7 62.5#

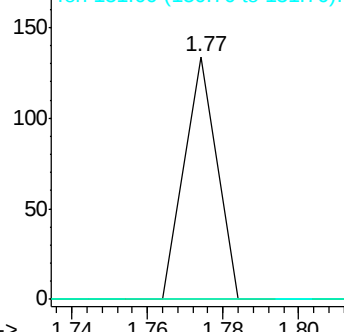
151 0.0 56.6 85.0#



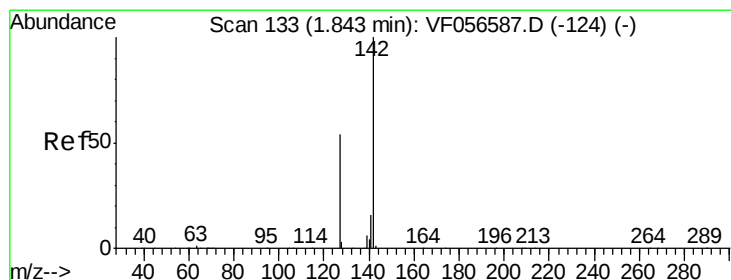
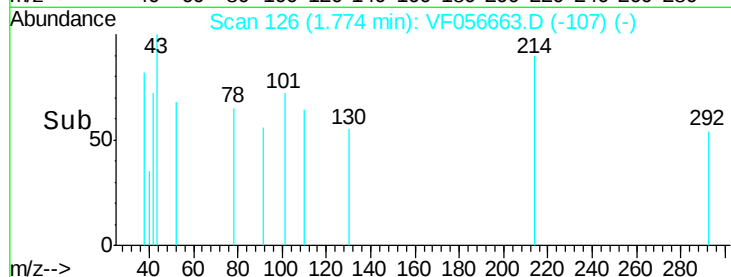
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 151.00 (150.70 to 151.70): V



Time-->



#10

Methyl Iodide

Concen: 61.00 ug/l

RT: 1.72 min Scan# 121

Delta R.T. -0.12 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

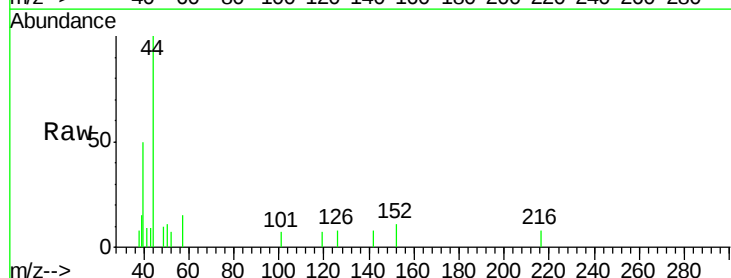
Tgt Ion:142 Resp: 69

Ion Ratio Lower Upper

142 100

127 0.0 43.4 65.0#

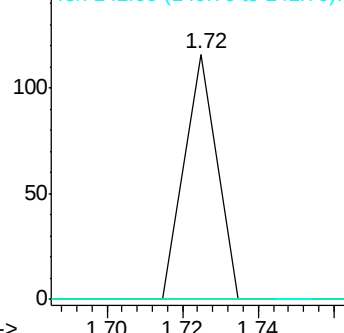
141 0.0 13.0 19.4#



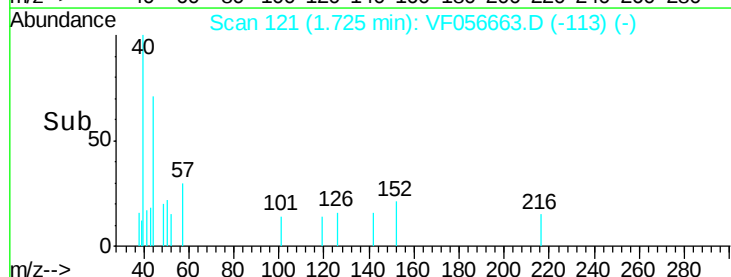
Abundance Ion 142.00 (141.70 to 142.70): V

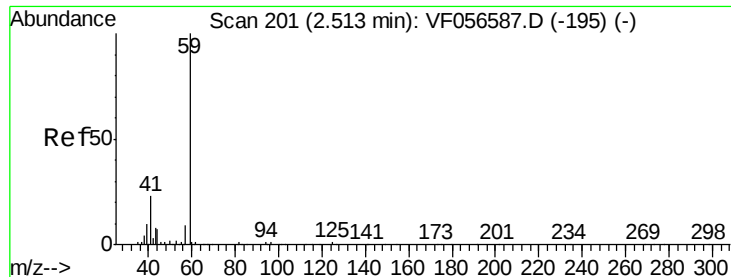
Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



Time-->



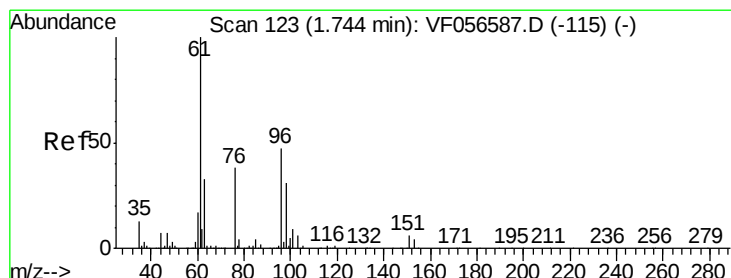
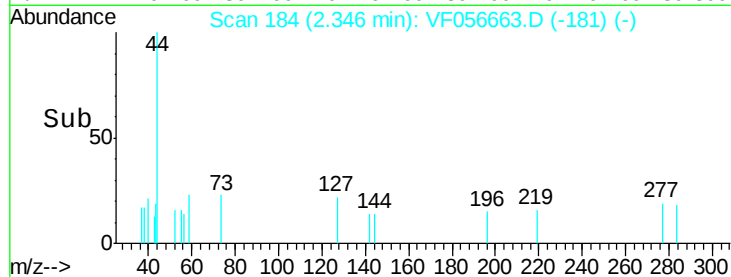
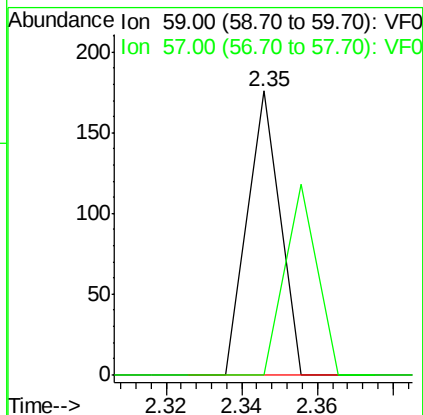
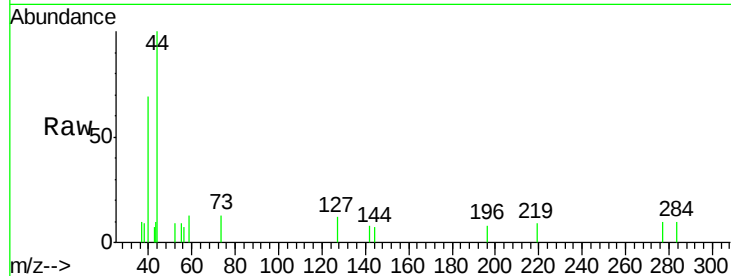


#11

Tert butyl alcohol
Concen: 1482.02 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.17 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

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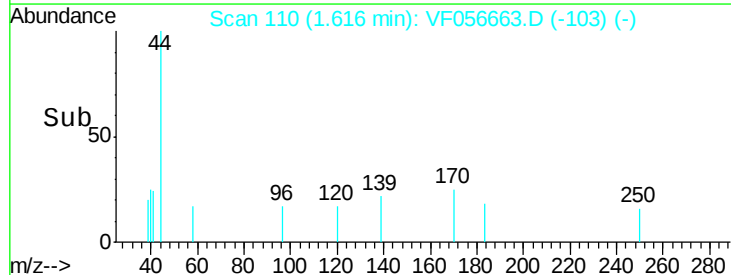
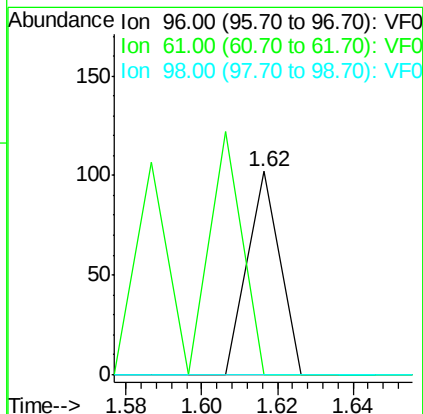
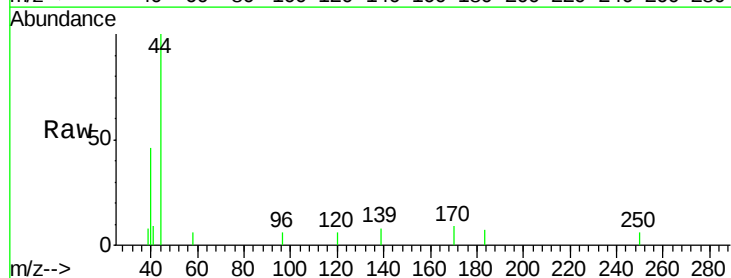
Tgt Ion: 59 Resp: 104
Ion Ratio Lower Upper
59 100
57 0.0 10.3 15.5#

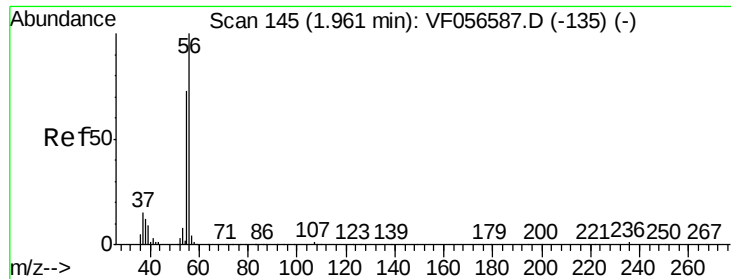


#12

1,1-Dichloroethene
Concen: 107.35 ug/l
RT: 1.62 min Scan# 110
Delta R.T. -0.13 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 96 Resp: 60
Ion Ratio Lower Upper
96 100
61 0.0 168.8 253.2#
98 0.0 52.2 78.4#





#13

Acrolein

Concen: 838.66 ug/l

RT: 1.90 min Scan# 139

Delta R.T. -0.06 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

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ClientSampleId :

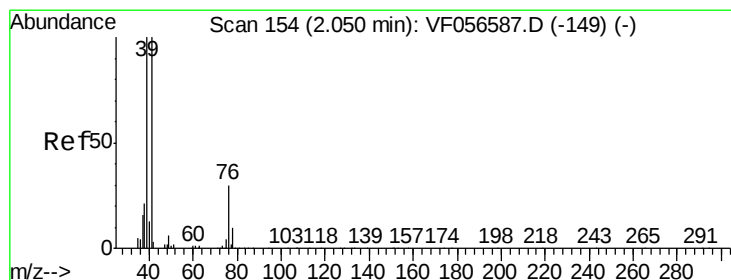
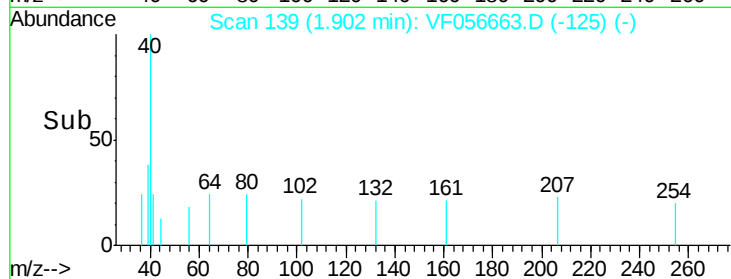
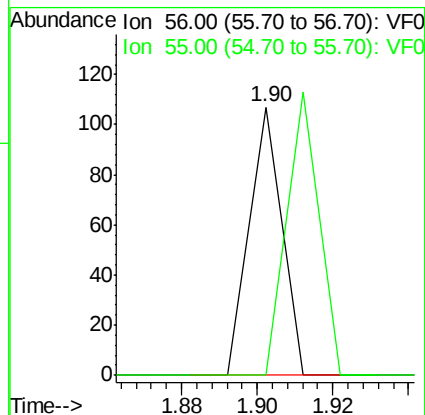
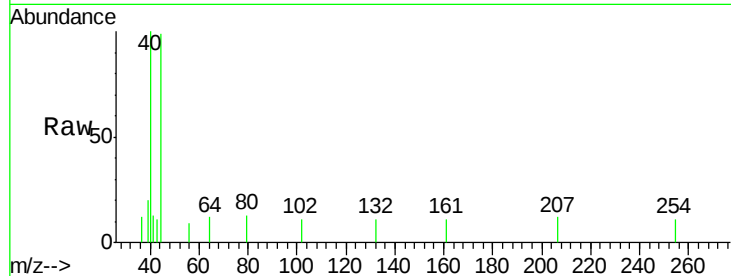
72-11982

Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 0.0 58.6 88.0#



#14

Allyl chloride

Concen: 79.10 ug/l

RT: 2.05 min Scan# 154

Delta R.T. 0.00 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

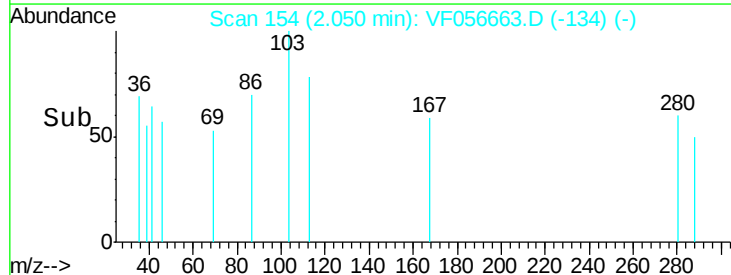
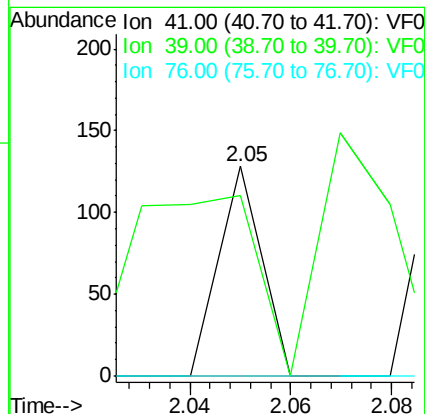
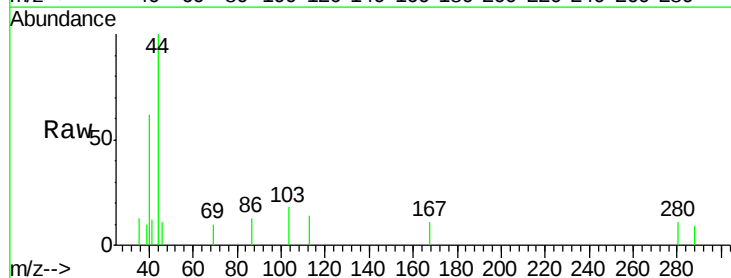
Tgt Ion: 41 Resp: 76

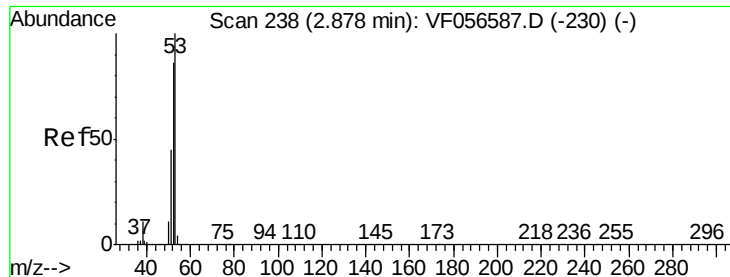
Ion Ratio Lower Upper

41 100

39 85.9 79.8 119.6

76 0.0 25.4 38.2#





#15

Acrylonitrile

Concen: 390.19 ug/l

RT: 2.87 min Scan# 237

Delta R.T. -0.01 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

72-11982

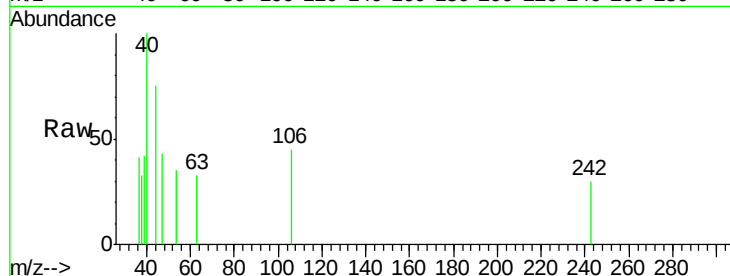
Tgt Ion: 53 Resp: 69

Ion Ratio Lower Upper

53 100

52 0.0 68.4 102.6#

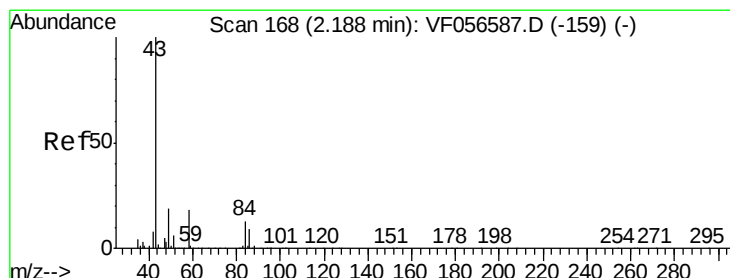
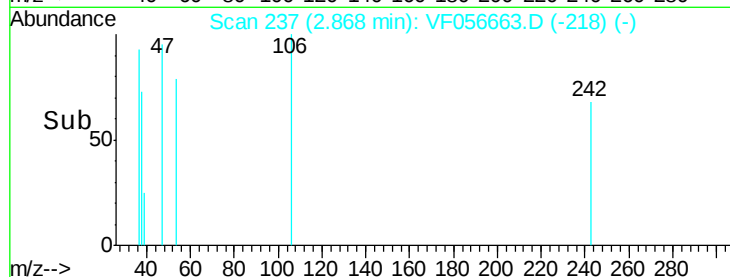
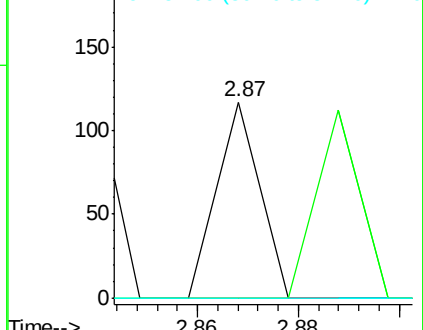
51 0.0 35.8 53.6#



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: 500.04 ug/l

RT: 2.16 min Scan# 165

Delta R.T. -0.03 min

Lab File: VF056663.D

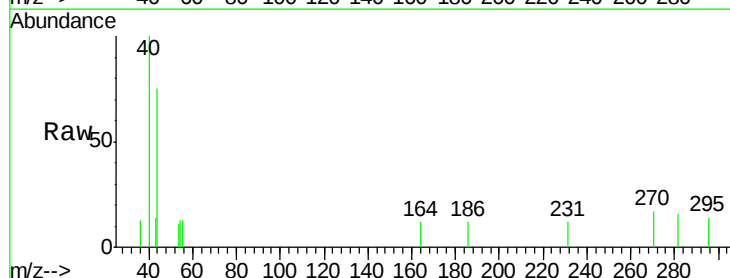
Acq: 23 Feb 2018 18:45

Tgt Ion: 43 Resp: 153

Ion Ratio Lower Upper

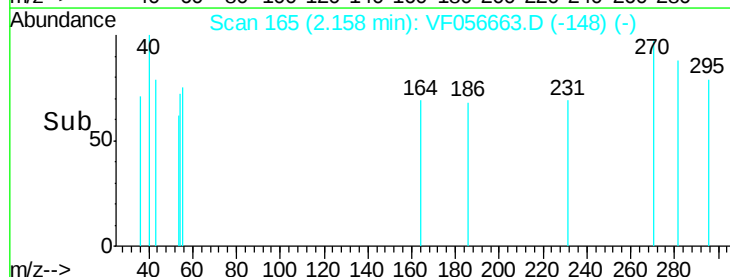
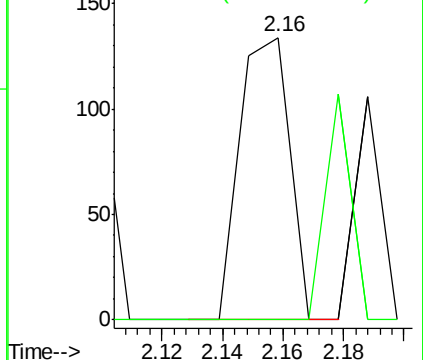
43 100

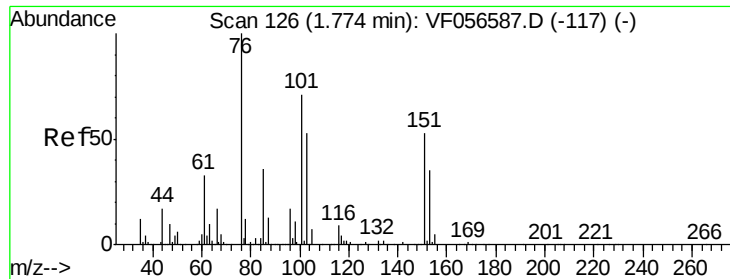
58 0.0 14.7 22.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

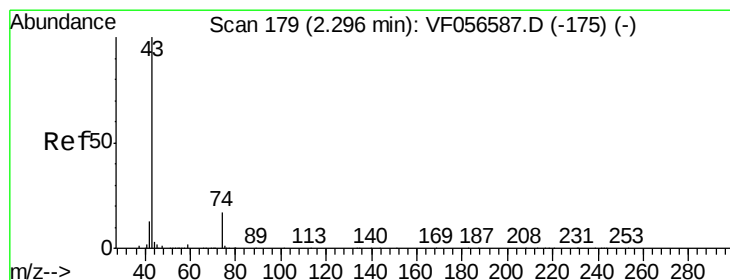
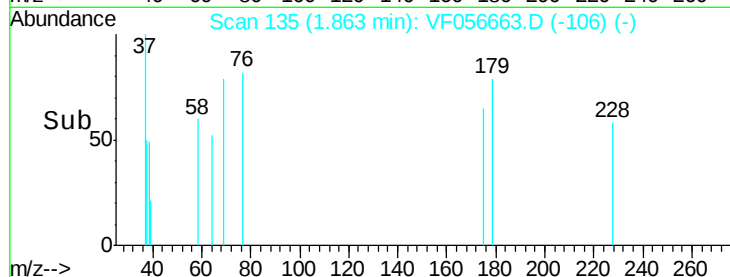
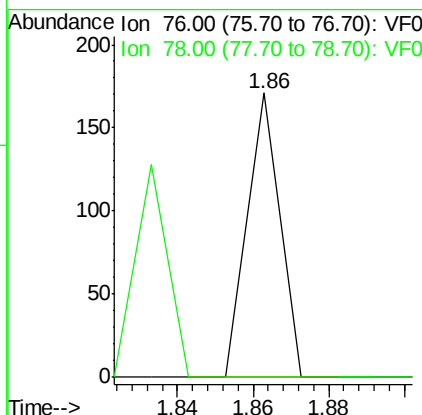
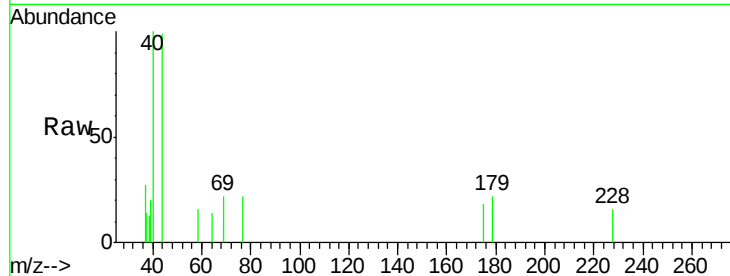




#17
Carbon Disulfide
Concen: 69.30 ug/l
RT: 1.86 min Scan# 135
Delta R.T. 0.09 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

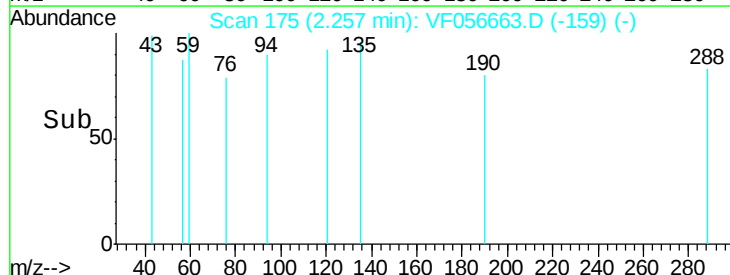
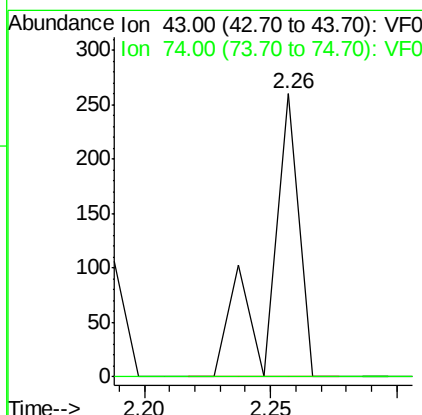
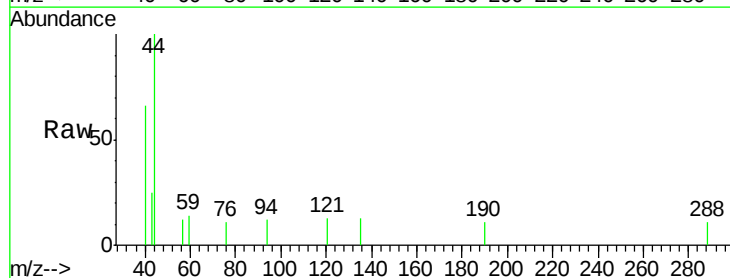
Instrument :
MSVOA_F
ClientSampleId :
72-11982

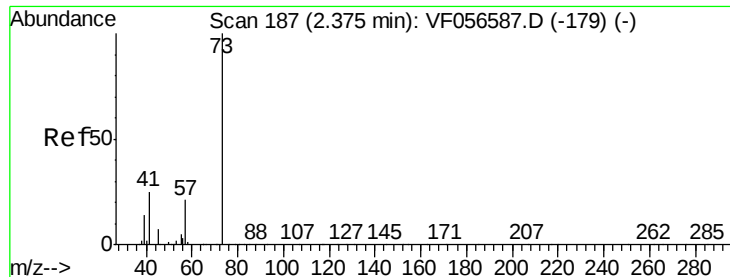
Tgt Ion: 76 Resp: 101
Ion Ratio Lower Upper
76 100
78 0.0 9.5 14.3#



#18
Methyl Acetate
Concen: 378.97 ug/l
RT: 2.26 min Scan# 175
Delta R.T. -0.04 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
74 0.0 12.0 18.0#

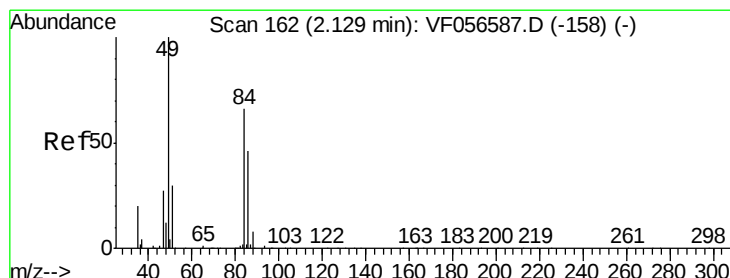
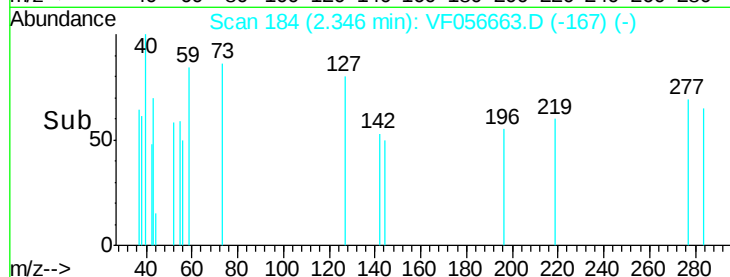
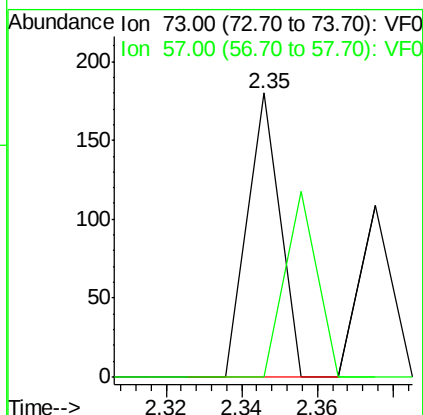
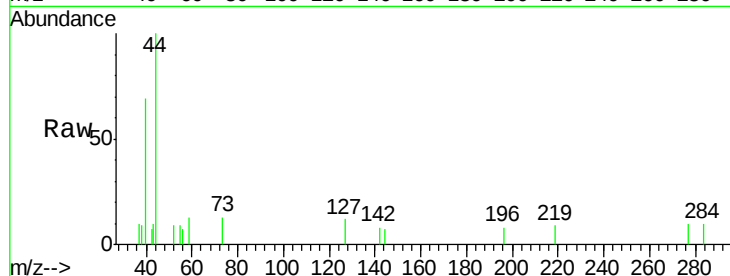




#19
Methyl tert-butyl Ether
Concen: 64.13 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.03 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

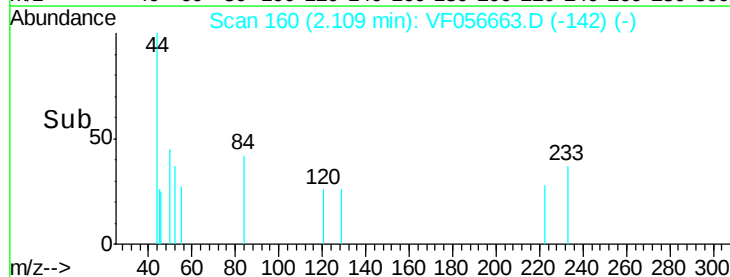
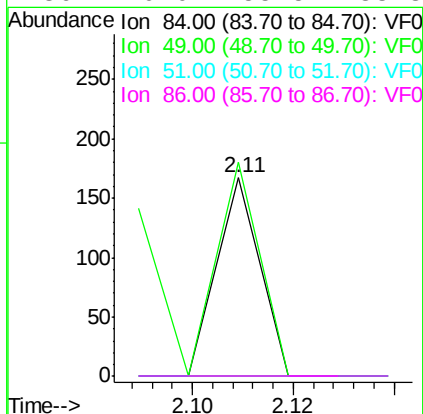
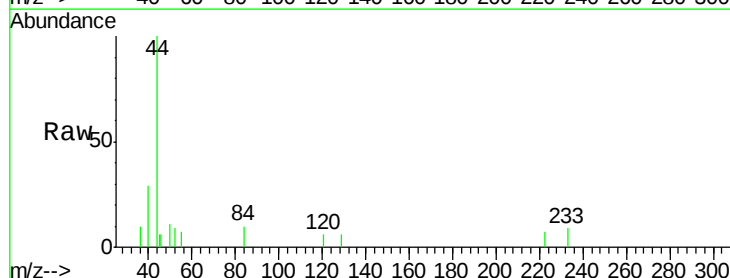
Instrument :
MSVOA_F
ClientSampleId :
72-11982

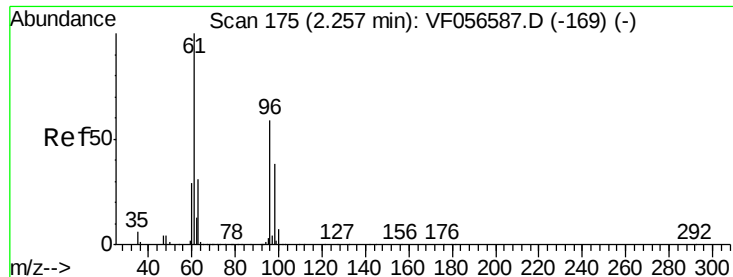
Tgt Ion: 73 Resp: 106
Ion Ratio Lower Upper
73 100
57 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 169.97 ug/l
RT: 2.11 min Scan# 160
Delta R.T. -0.02 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 84 Resp: 99
Ion Ratio Lower Upper
84 100
49 107.8 121.4 182.0#
51 0.0 37.1 55.7#
86 0.0 55.5 83.3#





#21

trans-1,2-Dichloroethene

Concen: 132.45 ug/l

RT: 2.31 min Scan# 180

Delta R.T. 0.05 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

72-11982

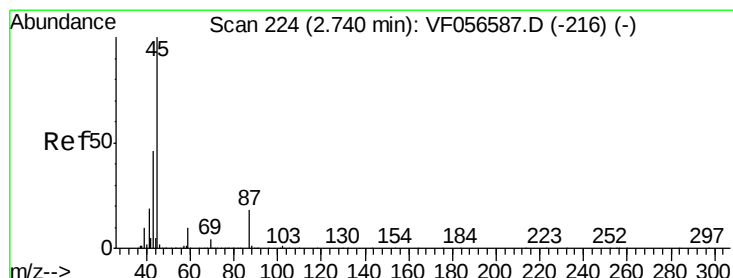
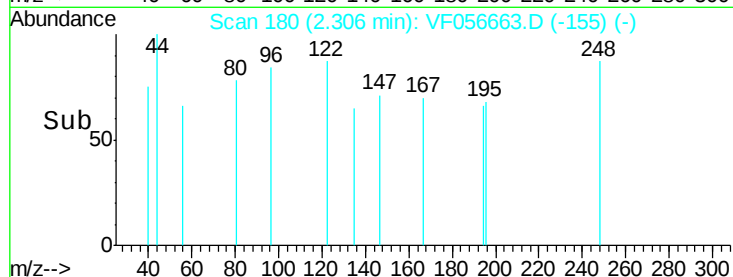
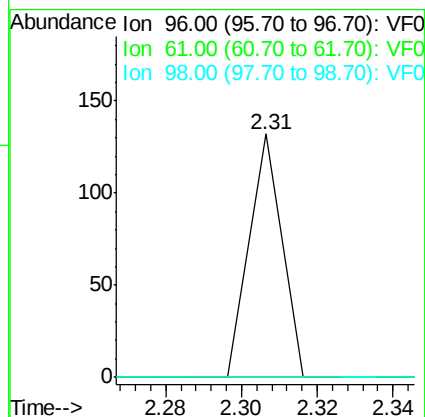
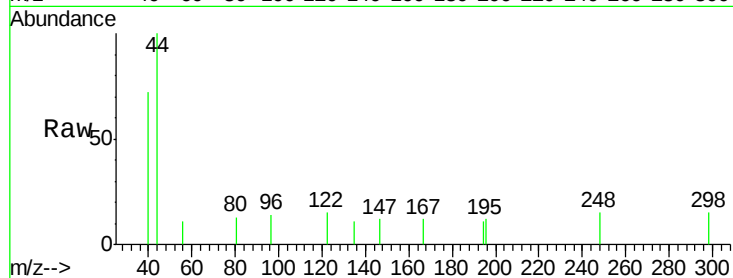
Tgt Ion: 96 Resp: 78

Ion Ratio Lower Upper

96 100

61 0.0 136.4 204.6#

98 0.0 51.4 77.0#



#22

Diisopropyl ether

Concen: 97.04 ug/l

RT: 2.72 min Scan# 222

Delta R.T. -0.02 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Tgt Ion: 45 Resp: 209

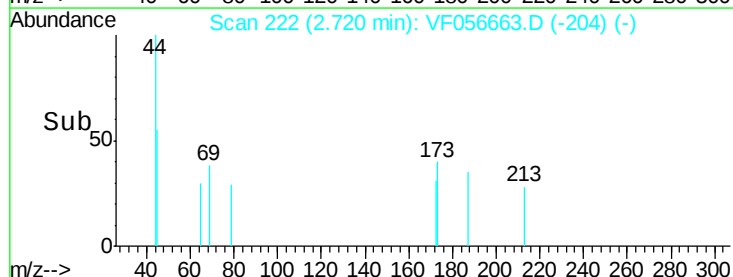
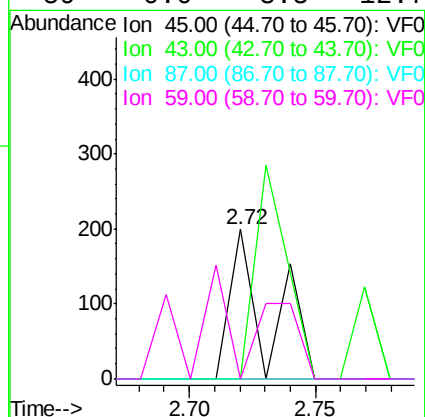
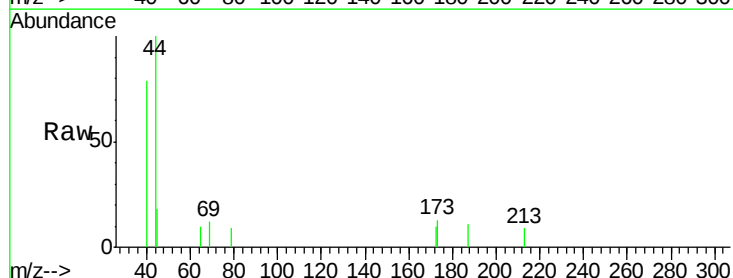
Ion Ratio Lower Upper

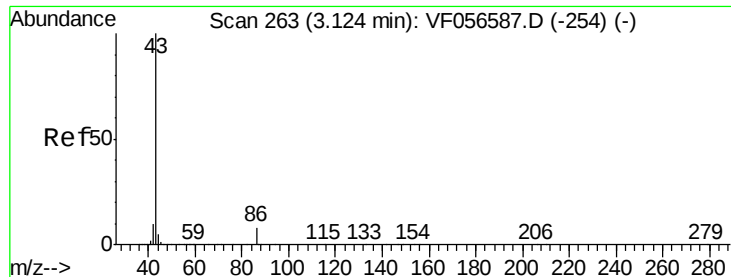
45 100

43 0.0 37.4 56.0#

87 0.0 14.6 22.0#

59 0.0 8.5 12.7#





#23

Vinyl Acetate

Concen: 224.83 ug/l

RT: 3.11 min Scan# 262

Delta R.T. -0.01 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

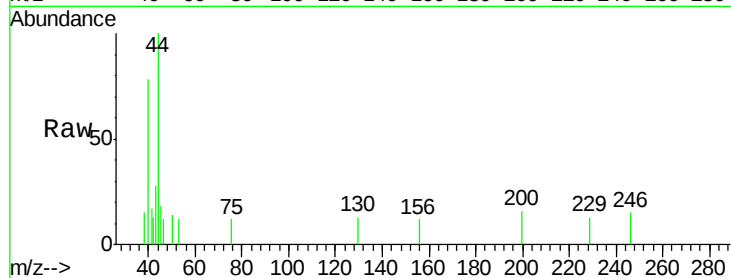
72-11982

Tgt Ion: 43 Resp: 394

Ion Ratio Lower Upper

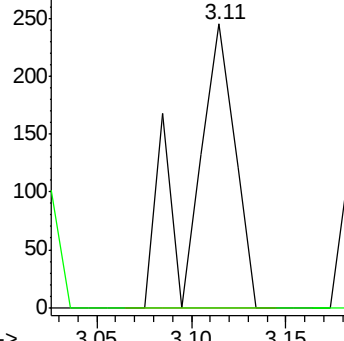
43 100

86 0.0 6.6 10.0#

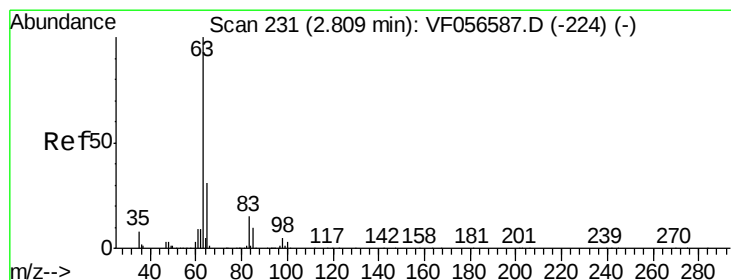
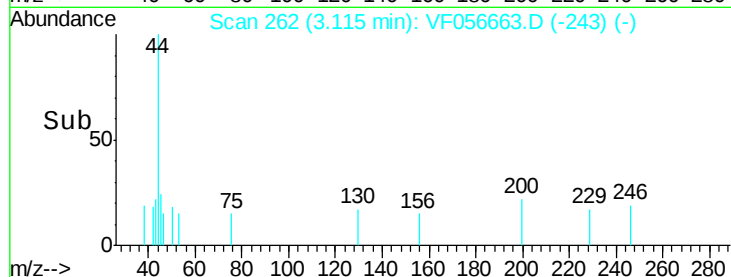


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



Time-->



#24

1,1-Dichloroethane

Concen: 55.48 ug/l

RT: 2.87 min Scan# 237

Delta R.T. 0.06 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

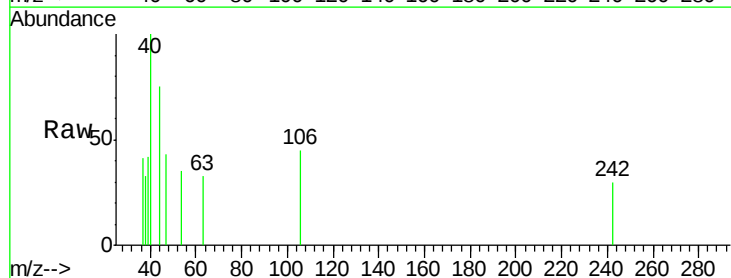
Tgt Ion: 63 Resp: 66

Ion Ratio Lower Upper

63 100

98 0.0 2.3 6.8#

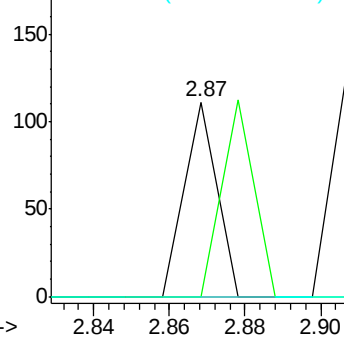
100 0.0 1.6 4.7#



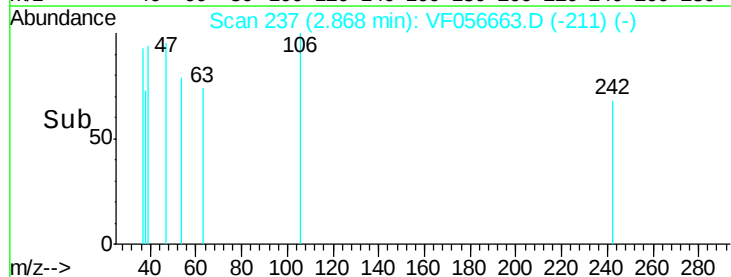
Abundance Ion 63.00 (62.70 to 63.70): VF0

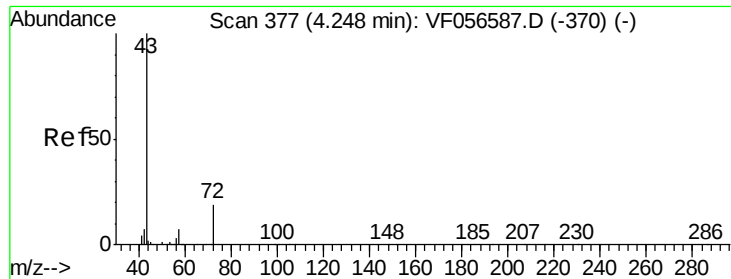
Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->





#25

2-Butanone

Concen: 198.49 ug/l

RT: 4.25 min Scan# 377

Delta R.T. 0.00 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

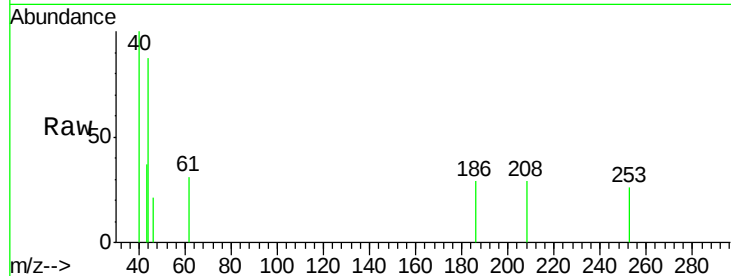
72-11982

Tgt Ion: 43 Resp: 108

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

4.25

150

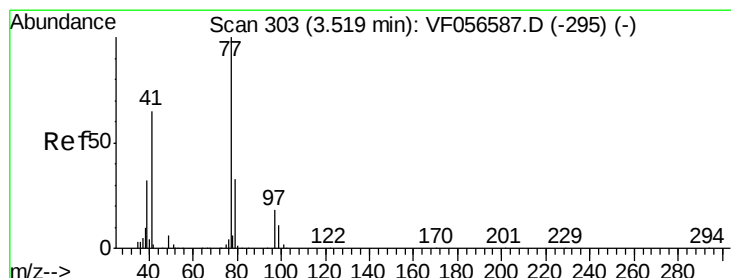
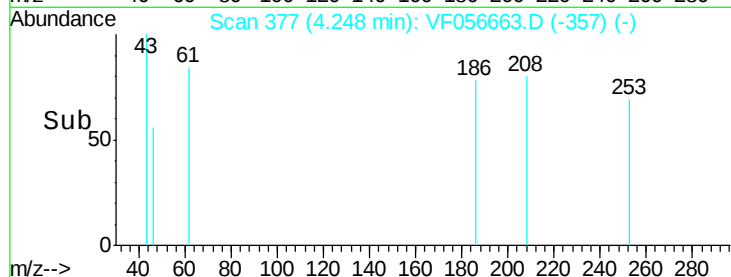
100

50

0

4.22 4.24 4.26 4.28

Time-->



#26

2,2-Dichloropropane

Concen: 94.16 ug/l

RT: 3.53 min Scan# 304

Delta R.T. 0.01 min

Lab File: VF056663.D

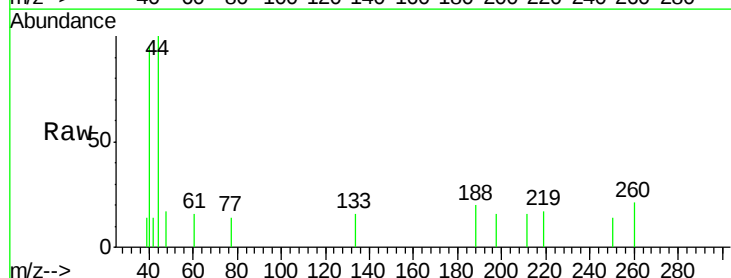
Acq: 23 Feb 2018 18:45

Tgt Ion: 77 Resp: 62

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

3.53

150

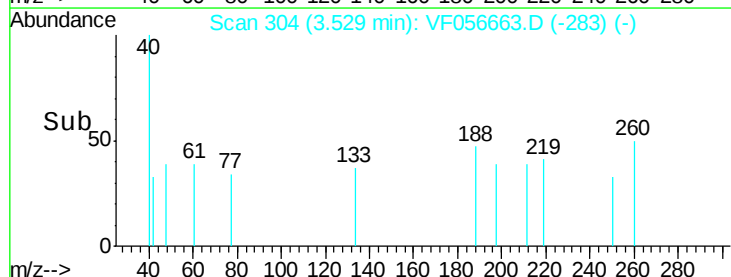
100

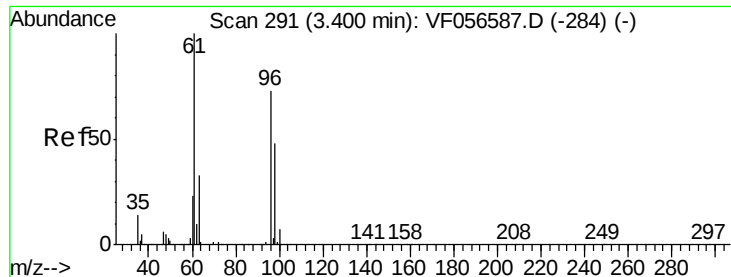
50

0

3.50 3.52 3.54 3.56

Time-->



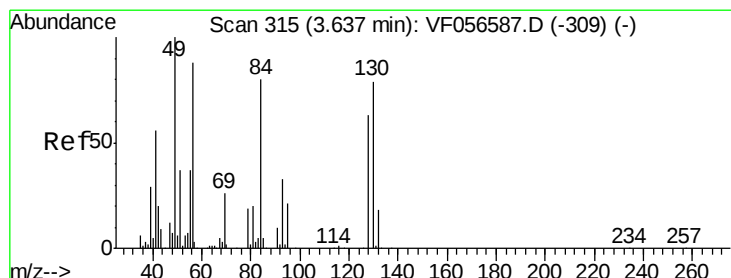
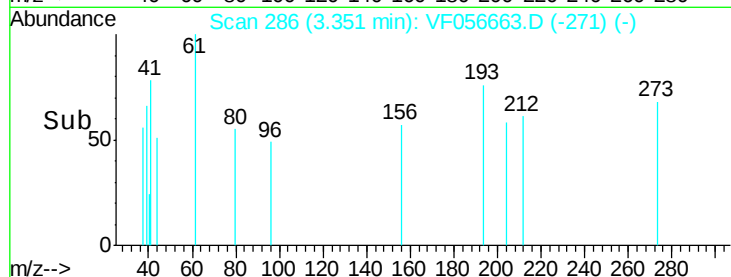
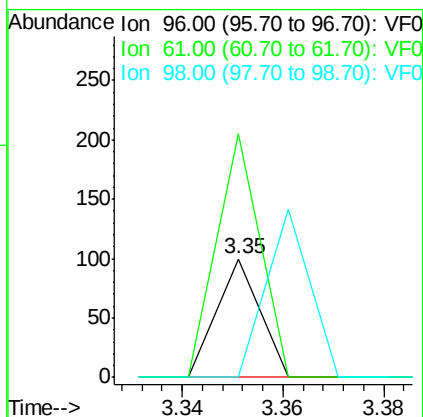
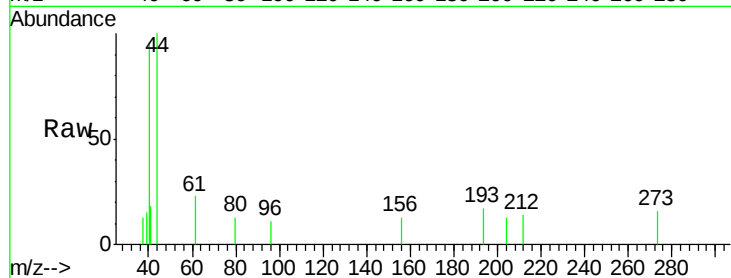


#27

cis-1,2-Dichloroethene
Concen: 59.64 ug/l
RT: 3.35 min Scan# 286
Delta R.T. -0.05 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampled :
72-11982

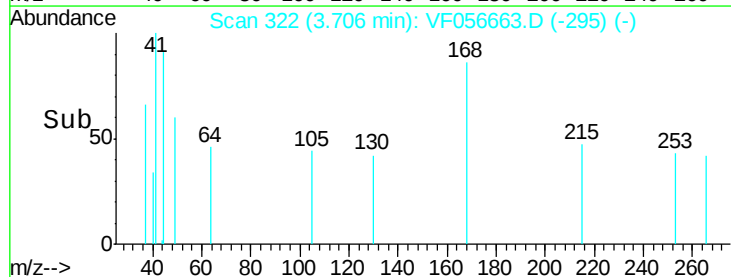
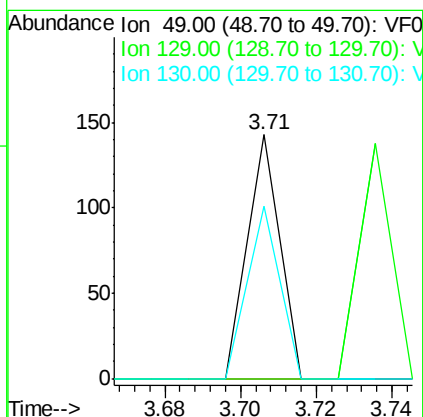
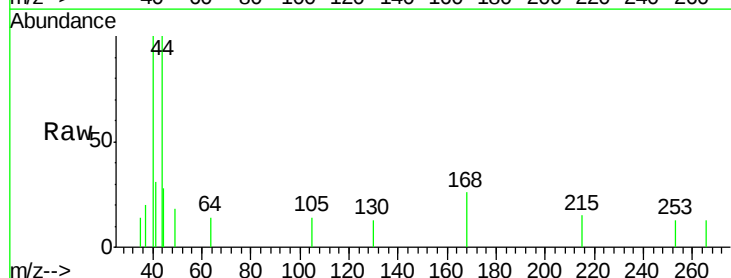
Tgt Ion: 96 Resp: 59
Ion Ratio Lower Upper
96 100
61 205.0 0.0 272.6
98 0.0 0.0 131.6

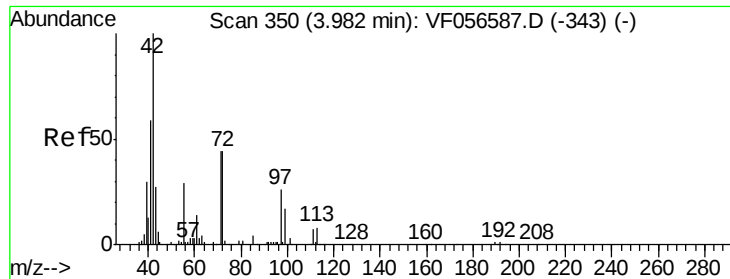


#28

Bromochloromethane
Concen: 152.61 ug/l
RT: 3.71 min Scan# 322
Delta R.T. 0.07 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 49 Resp: 85
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 70.6 63.4 95.0





#29

Tetrahydrofuran

Concen: 242.13 ug/l

RT: 4.00 min Scan# 352

Delta R.T. 0.02 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

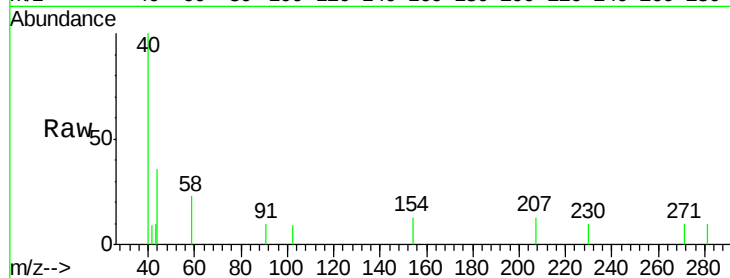
Instrument :

MSVOA_F

ClientSampleId :

72-11982

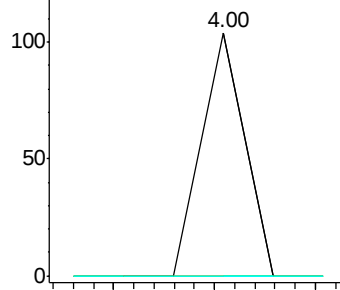
Tgt Ion:	42	Resp:	61
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.1	51.1#
71	0.0	32.8	49.2#



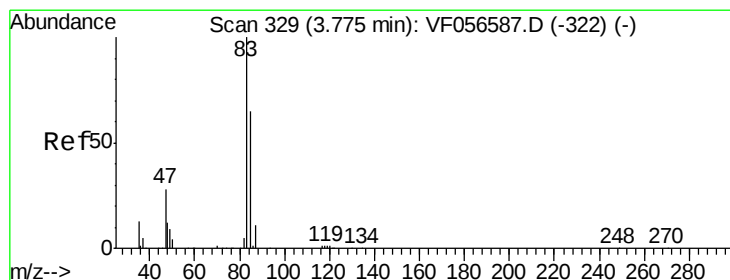
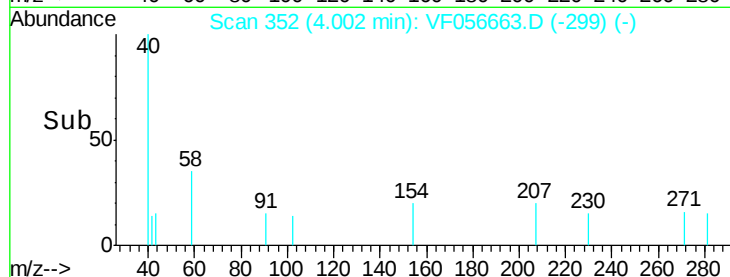
Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



Time-->



#30

Chloroform

Concen: 44.05 ug/l

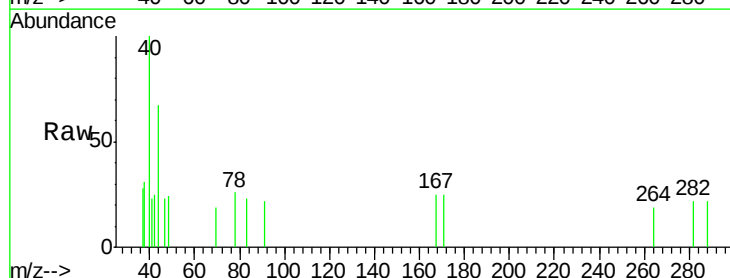
RT: 3.65 min Scan# 316

Delta R.T. -0.13 min

Lab File: VF056663.D

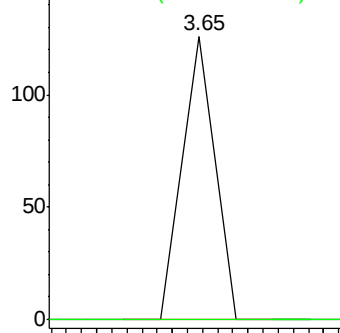
Acq: 23 Feb 2018 18:45

Tgt Ion:	83	Resp:	75
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.1	78.1#

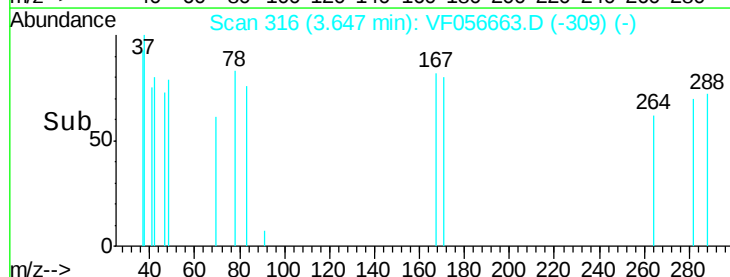


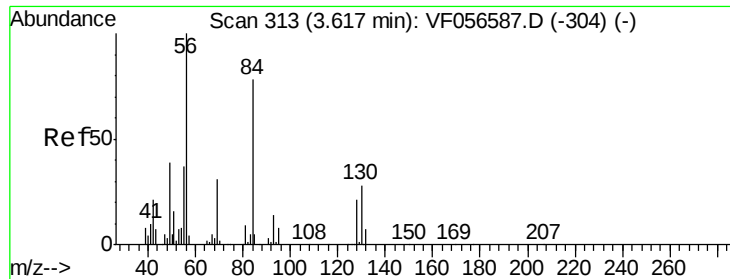
Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



Time-->

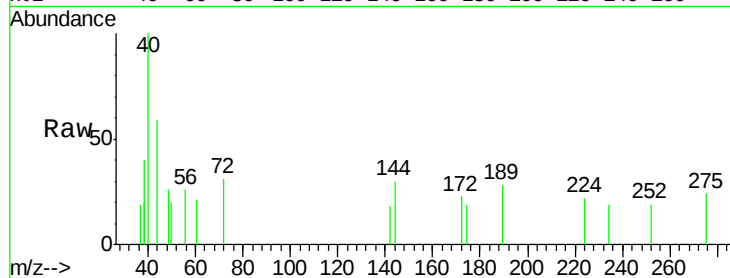




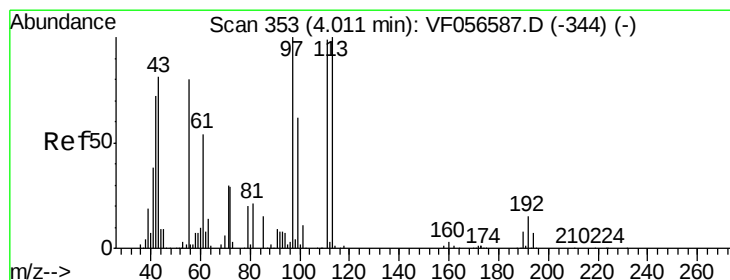
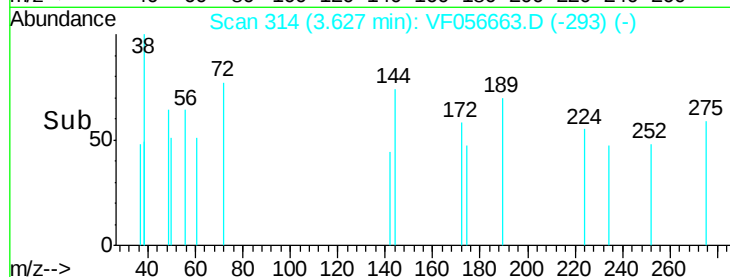
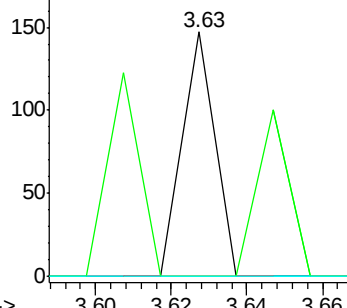
#31
Cyclohexane
Concen: 68.09 ug/l
RT: 3.63 min Scan# 314
Delta R.T. 0.01 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
69 0.0 24.7 37.1#
84 0.0 62.9 94.3#

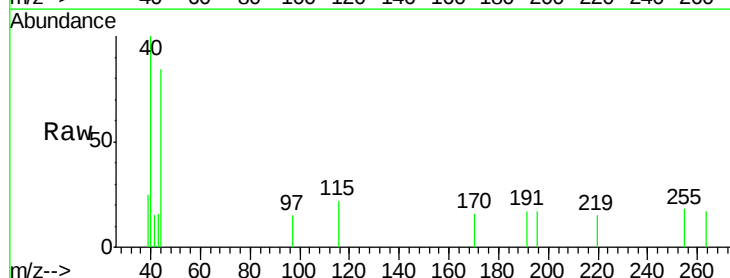


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

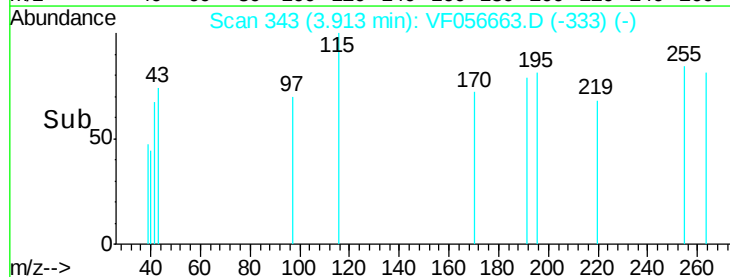
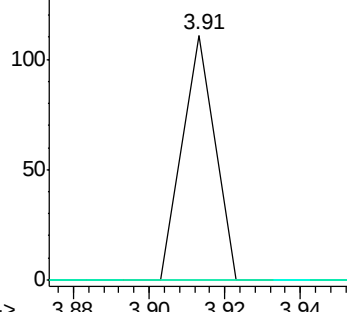


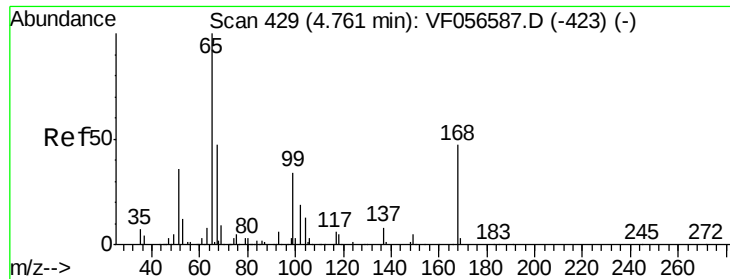
#32
1,1,1-Trichloroethane
Concen: 63.98 ug/l
RT: 3.91 min Scan# 343
Delta R.T. -0.10 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 97 Resp: 66
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: 159.66 ug/l

RT: 4.69 min Scan# 422

Delta R.T. -0.07 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

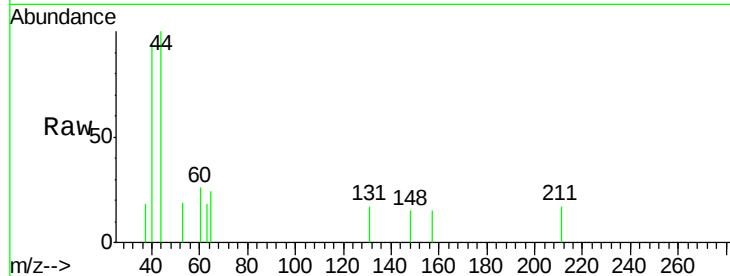
72-11982

Tgt Ion: 65 Resp: 166

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

4.69

150

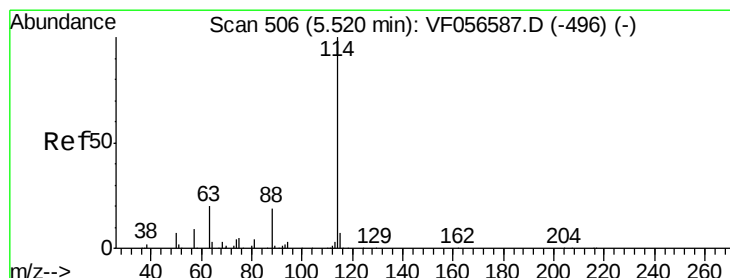
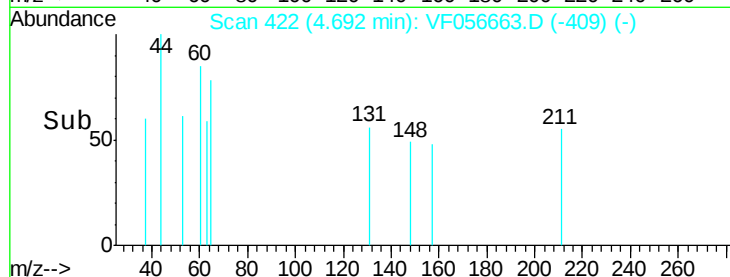
100

50

0

4.64 4.66 4.68 4.70 4.72

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.17 min Scan# 471

Delta R.T. -0.34 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

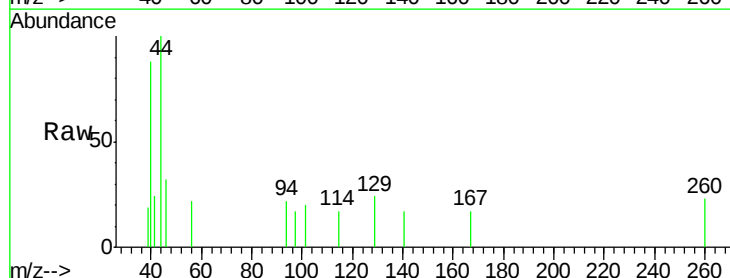
Tgt Ion: 114 Resp: 64

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

200

150

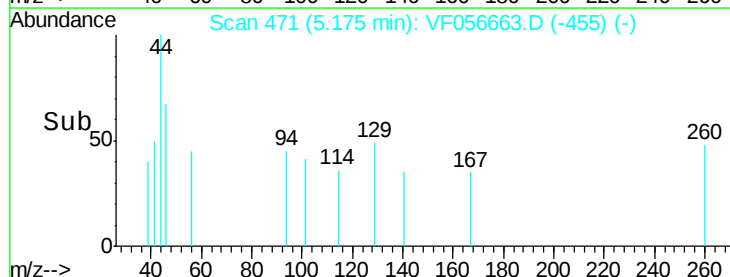
100

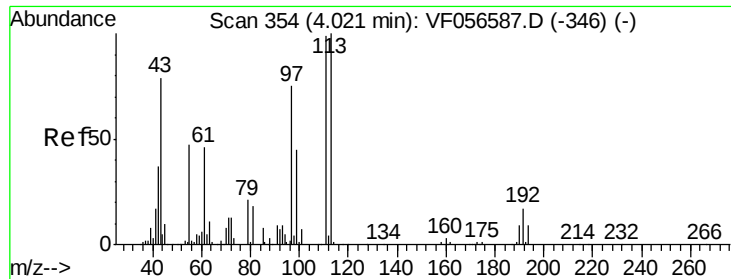
50

0

5.14 5.16 5.18 5.20

Time-->





#35

Dibromofluoromethane

Concen: 126.73 ug/l

RT: 3.84 min Scan# 336

Delta R.T. -0.18 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

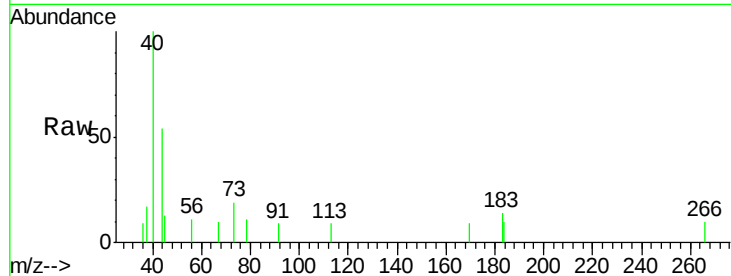
Instrument :

MSVOA_F

ClientSampled :

72-11982

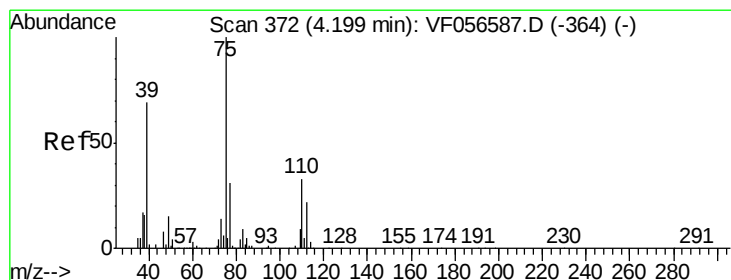
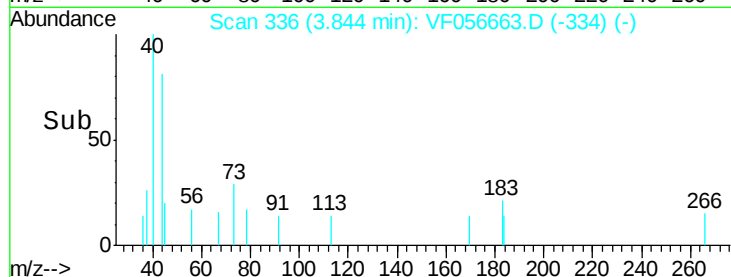
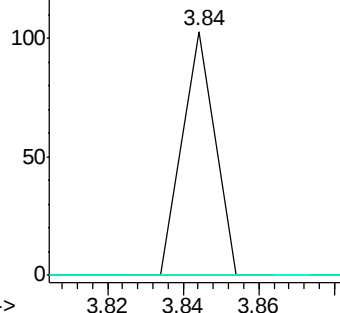
Tgt Ion:	113	Resp:	61
Ion	Ratio	Lower	Upper
113	100		
111	0.0	79.1	118.7#
192	0.0	13.9	20.9#



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: 155.98 ug/l

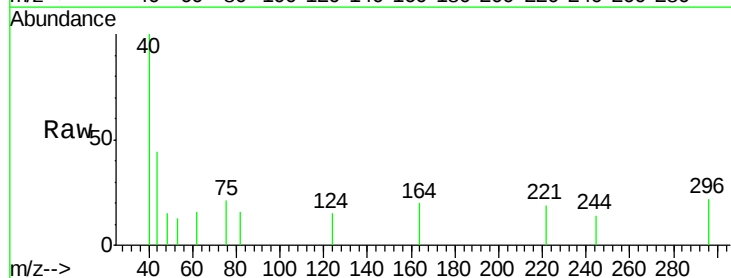
RT: 3.94 min Scan# 346

Delta R.T. -0.26 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

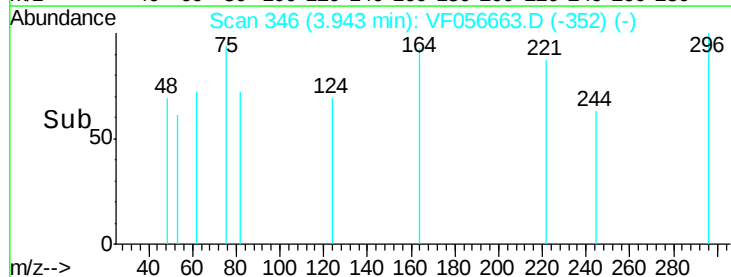
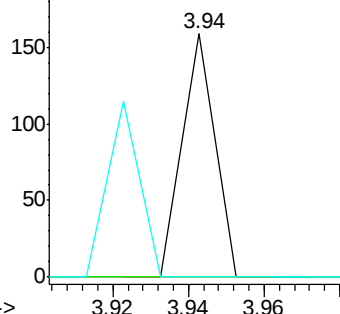
Tgt Ion:	75	Resp:	94
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.6	49.7#
77	0.0	24.5	36.7#

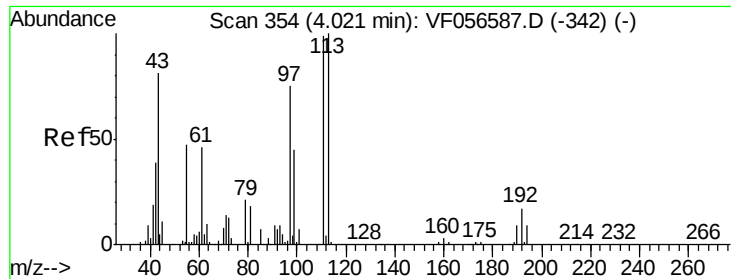


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

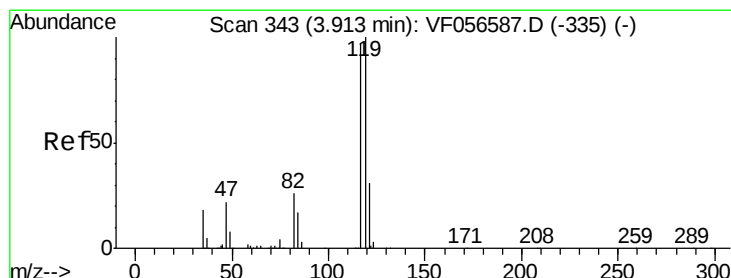
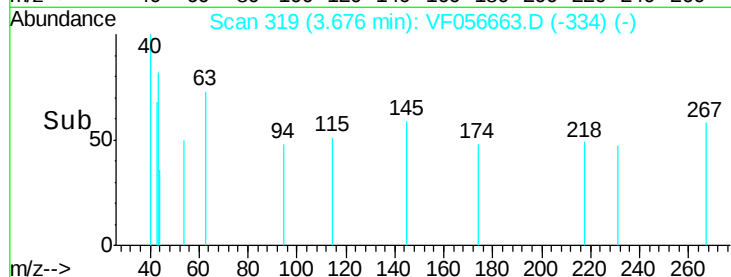
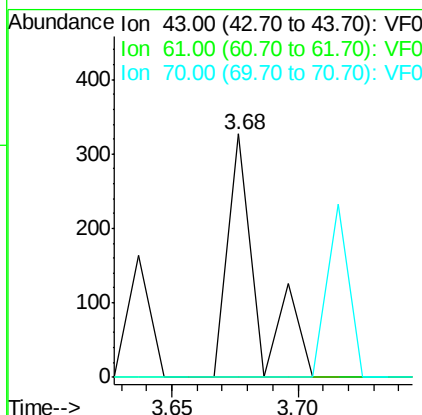
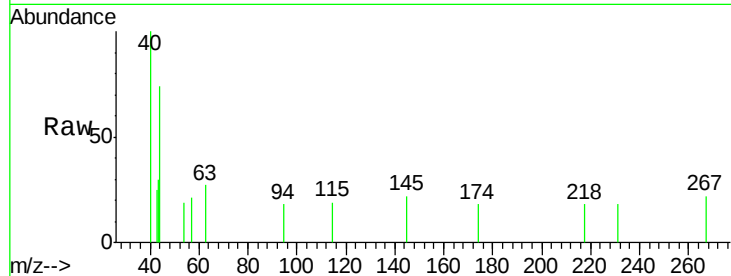




#37
Ethyl Acetate
Concen: 497.35 ug/l
RT: 3.68 min Scan# 319
Delta R.T. -0.34 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

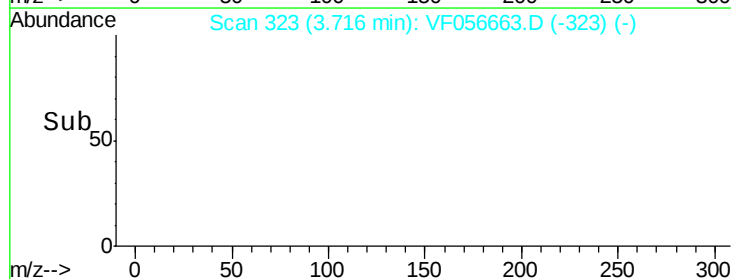
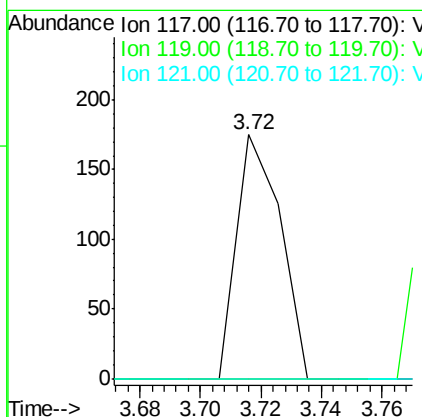
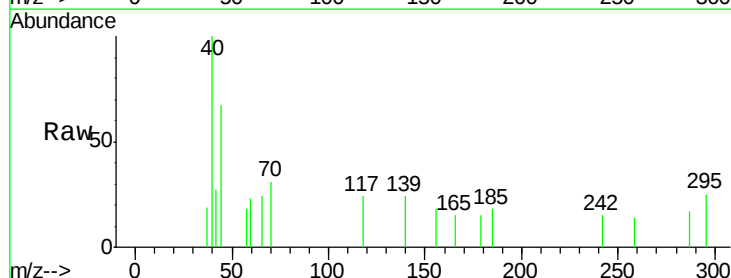
Instrument :
MSVOA_F
ClientSampleId :
72-11982

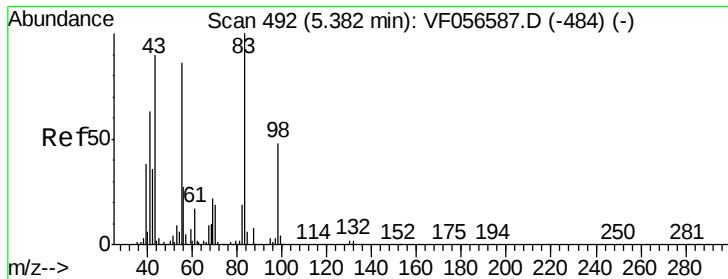
Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
61 0.0 45.4 68.2#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 396.79 ug/l
RT: 3.72 min Scan# 323
Delta R.T. -0.20 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 117 Resp: 178
Ion Ratio Lower Upper
117 100
119 0.0 82.2 123.4#
121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 92.06 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.33 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

72-11982

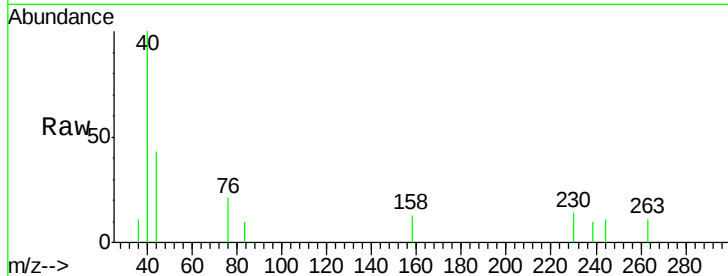
Tgt Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

55 0.0 68.7 103.1#

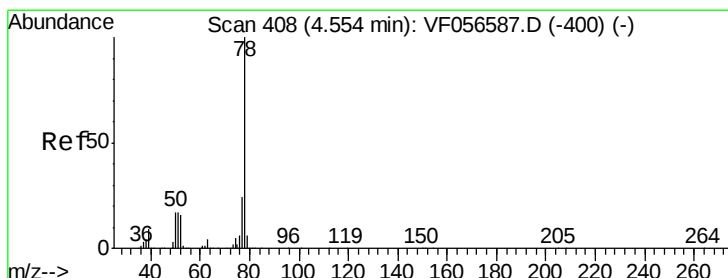
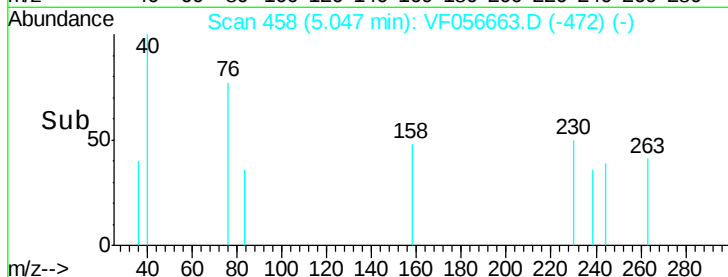
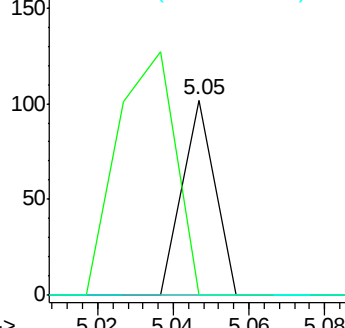
98 0.0 38.0 57.0#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#40

Benzene

Concen: 52.35 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.26 min

Lab File: VF056663.D

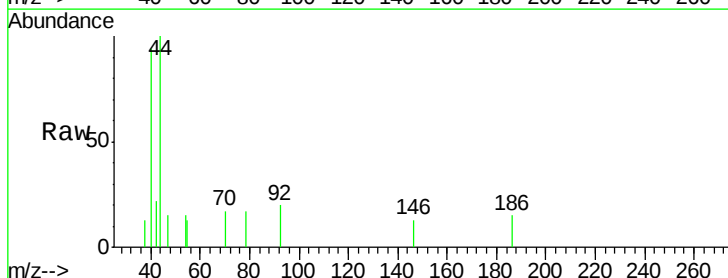
Acq: 23 Feb 2018 18:45

Tgt Ion: 78 Resp: 80

Ion Ratio Lower Upper

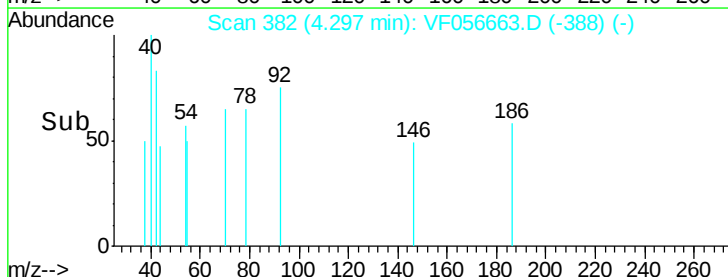
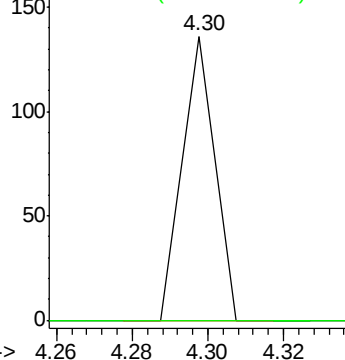
78 100

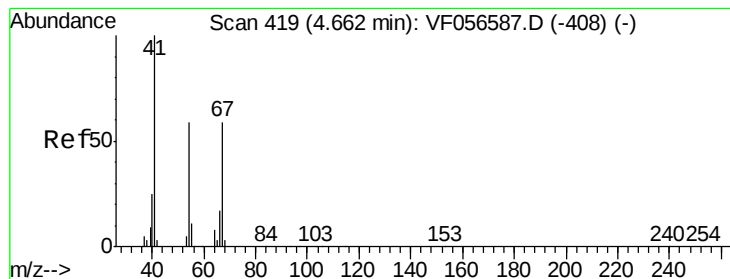
77 0.0 19.0 28.6#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0





#41

Methacrylonitrile

Concen: 244.71 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.33 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

72-11982

Tgt Ion: 41 Resp: 64

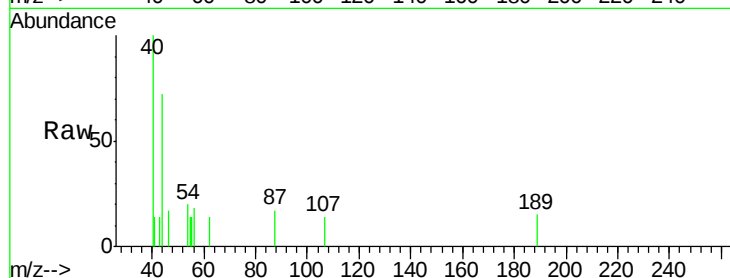
Ion Ratio Lower Upper

41 100

39 0.0 48.2 72.4#

67 0.0 46.9 70.3#

52 0.0 32.6 48.8#

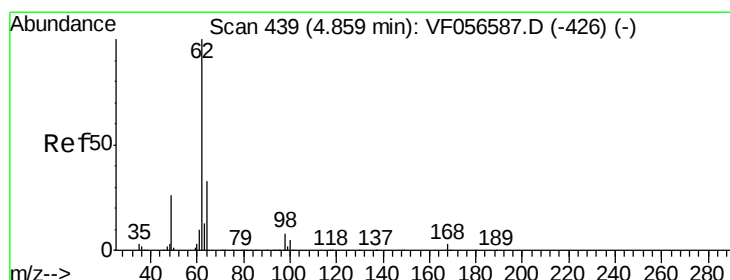
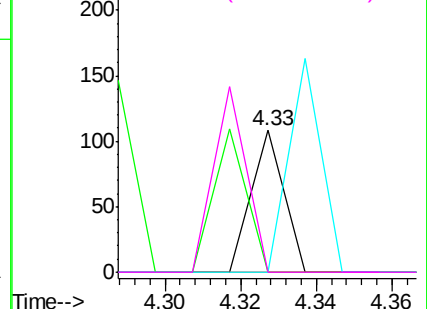
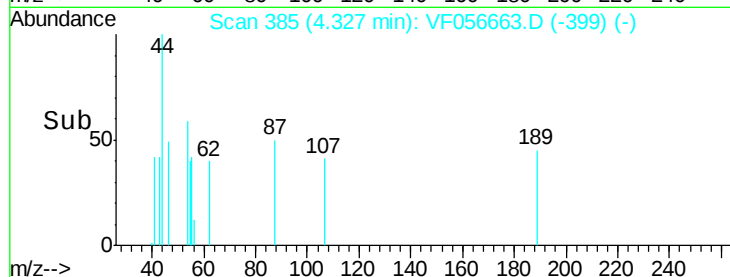


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 205.37 ug/l

RT: 4.61 min Scan# 414

Delta R.T. -0.25 min

Lab File: VF056663.D

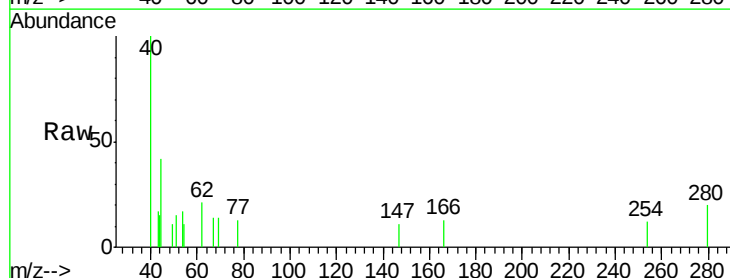
Acq: 23 Feb 2018 18:45

Tgt Ion: 62 Resp: 122

Ion Ratio Lower Upper

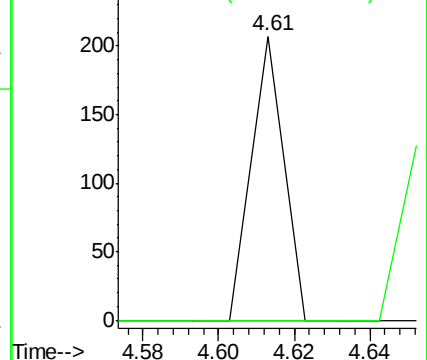
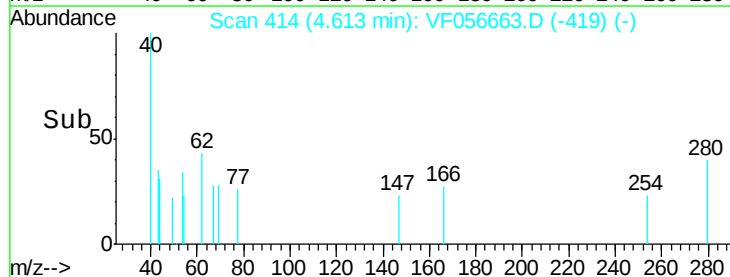
62 100

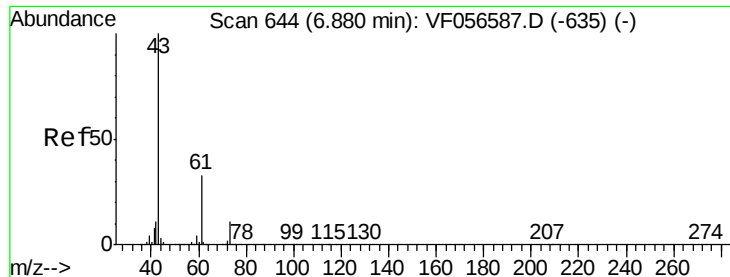
98 0.0 0.0 17.0



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 564.64 ug/l

RT: 6.47 min Scan# 602

Delta R.T. -0.41 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

72-11982

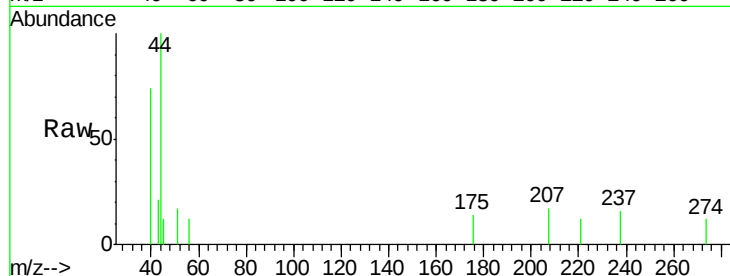
Tgt Ion: 43 Resp: 373

Ion Ratio Lower Upper

43 100

61 0.0 26.5 39.7#

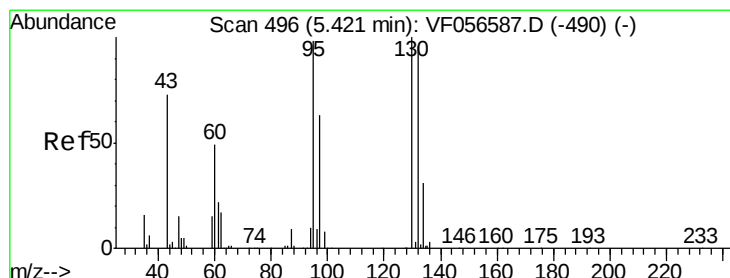
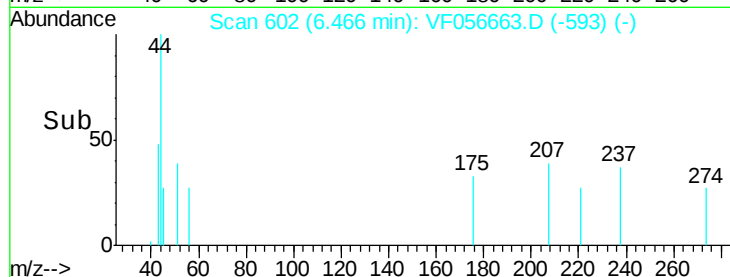
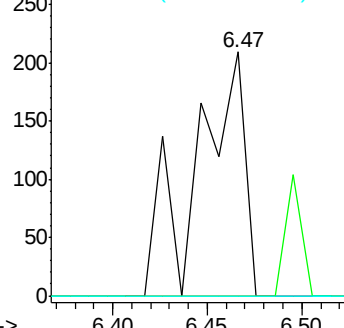
87 0.0 0.2 0.4#



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



#44

Trichloroethene

Concen: 209.61 ug/l

RT: 5.12 min Scan# 465

Delta R.T. -0.31 min

Lab File: VF056663.D

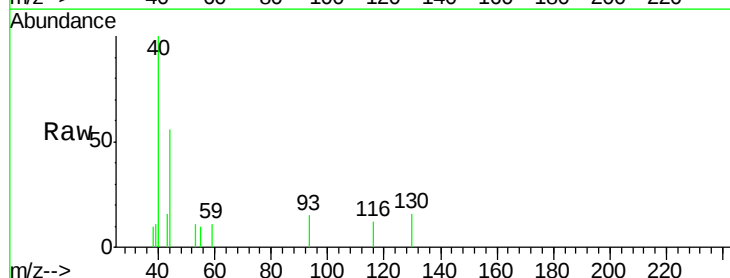
Acq: 23 Feb 2018 18:45

Tgt Ion: 130 Resp: 94

Ion Ratio Lower Upper

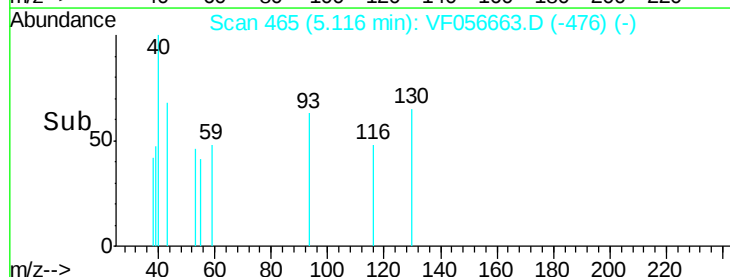
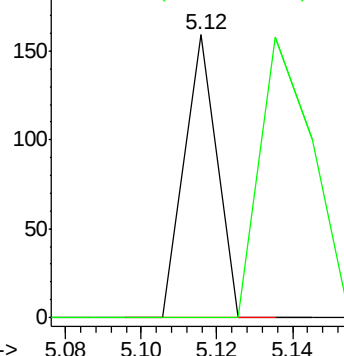
130 100

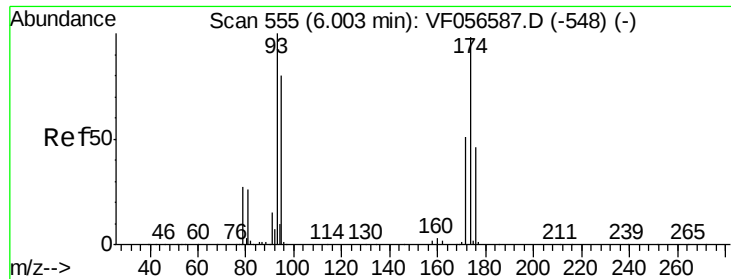
95 0.0 0.0 195.8



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#46

Dibromomethane

Concen: 188.06 ug/l

RT: 5.56 min Scan# 510

Delta R.T. -0.44 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

72-11982

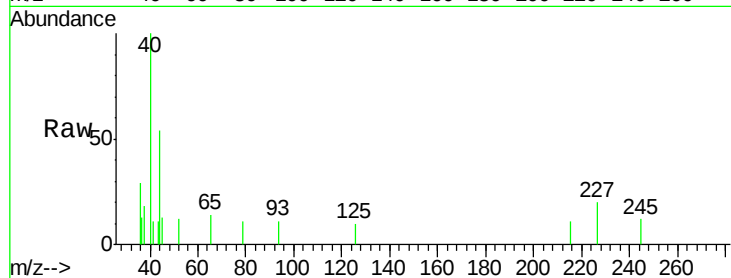
Tgt Ion: 93 Resp: 63

Ion Ratio Lower Upper

93 100

95 0.0 63.9 95.9#

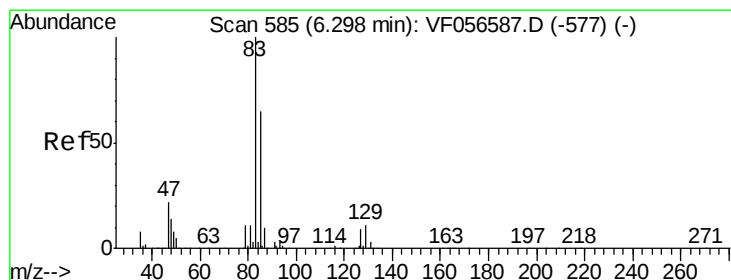
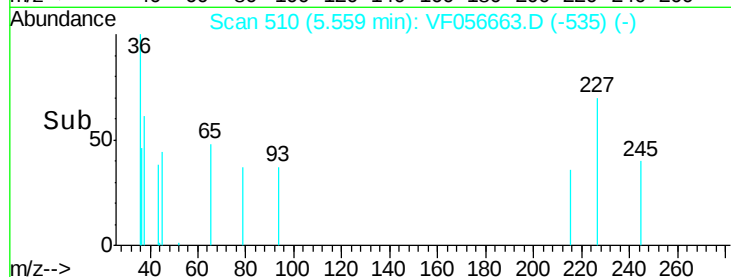
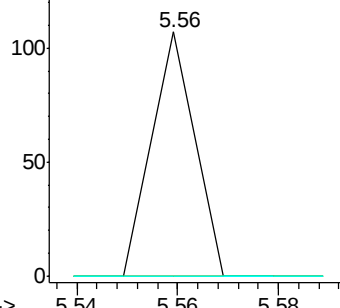
174 0.0 78.6 118.0#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V



#47

Bromodichloromethane

Concen: 100.15 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.54 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

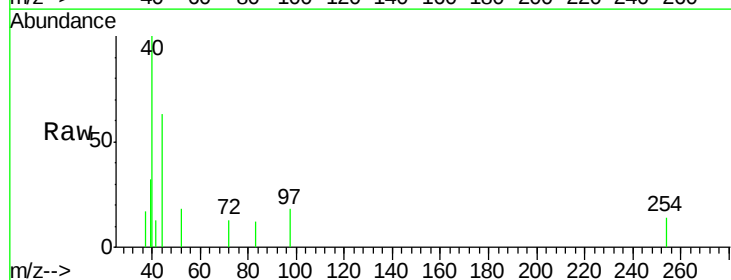
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

85 0.0 52.1 78.1#

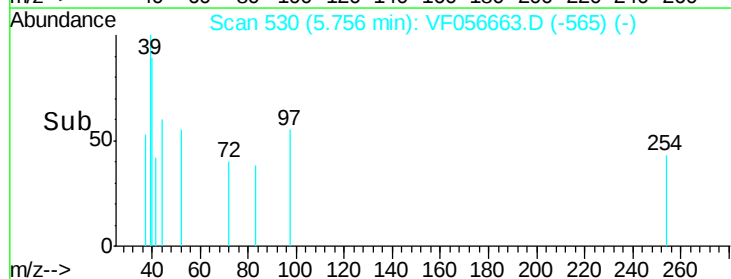
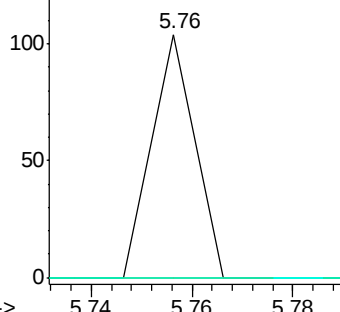
127 0.0 7.0 10.4#

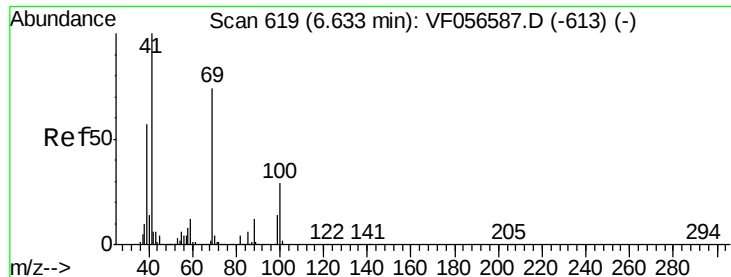


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V





#48

Methyl methacrylate

Concen: 253.18 ug/l

RT: 6.23 min Scan# 578

Delta R.T. -0.40 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

72-11982

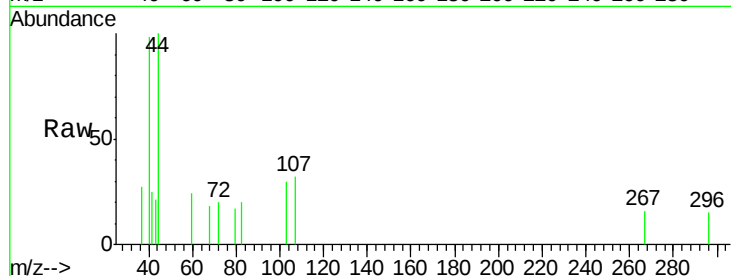
Tgt Ion: 41 Resp: 98

Ion Ratio Lower Upper

41 100

69 0.0 58.8 88.2#

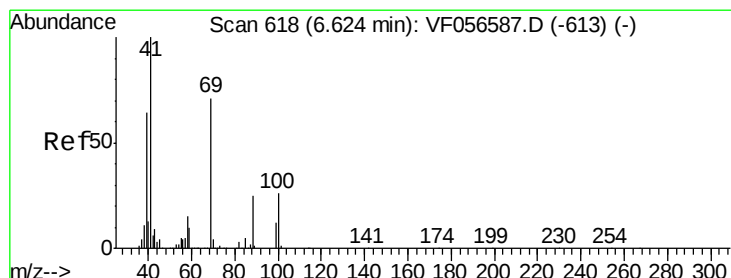
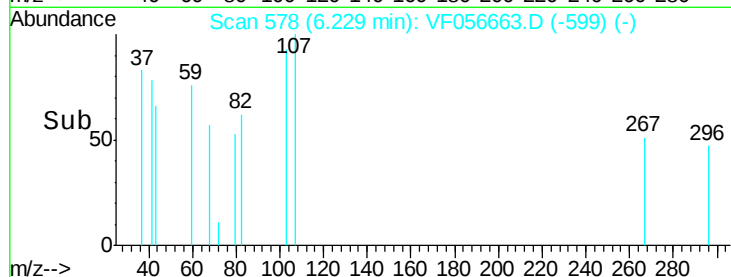
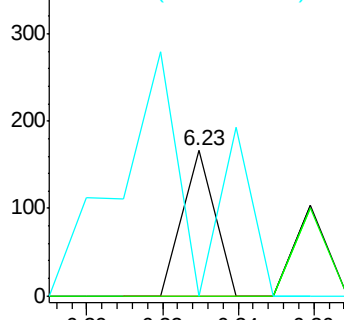
39 0.0 46.1 69.1#



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#49

1,4-Dioxane

Concen: 24560.60 ug/l

RT: 5.96 min Scan# 551

Delta R.T. -0.66 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

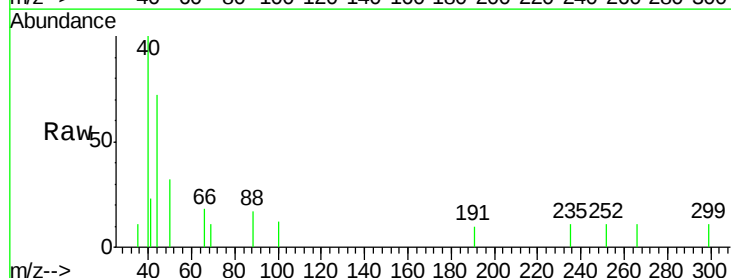
Tgt Ion: 88 Resp: 98

Ion Ratio Lower Upper

88 100

43 0.0 30.8 46.2#

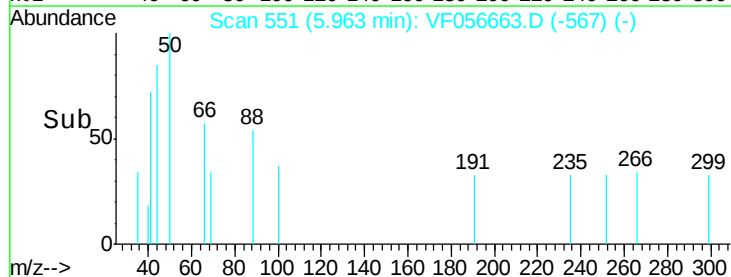
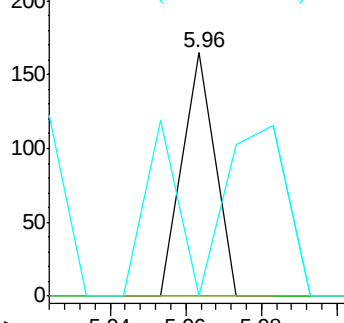
58 0.0 49.8 74.6#

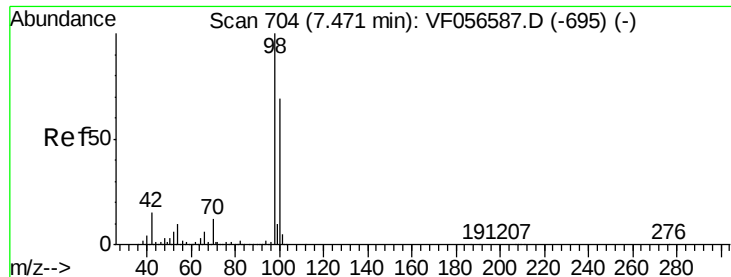


Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#50

Toluene-d8

Concen: 42.28 ug/l

RT: 7.04 min Scan# 660

Delta R.T. -0.43 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

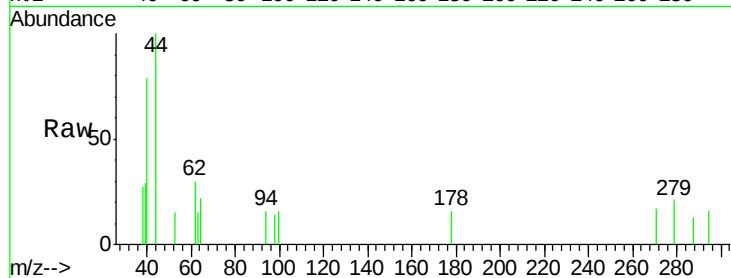
72-11982

Tgt Ion: 98 Resp: 61

Ion Ratio Lower Upper

98 100

100 0.0 55.4 83.0#

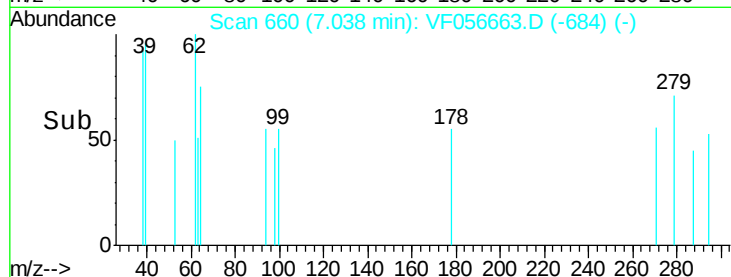


Abundance Ion 98.00 (97.70 to 98.70): VF0

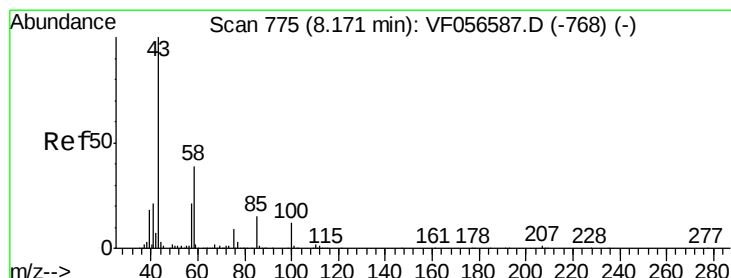
Ion 100.00 (99.70 to 100.70): VF0

7.04

Time-->



Time-->



#51

4-Methyl-2-Pentanone

Concen: 152.70 ug/l

RT: 7.68 min Scan# 725

Delta R.T. -0.49 min

Lab File: VF056663.D

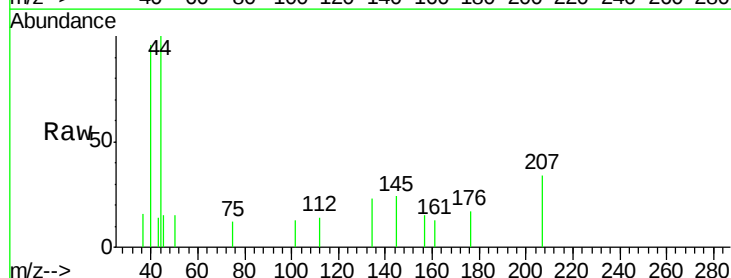
Acq: 23 Feb 2018 18:45

Tgt Ion: 43 Resp: 69

Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#

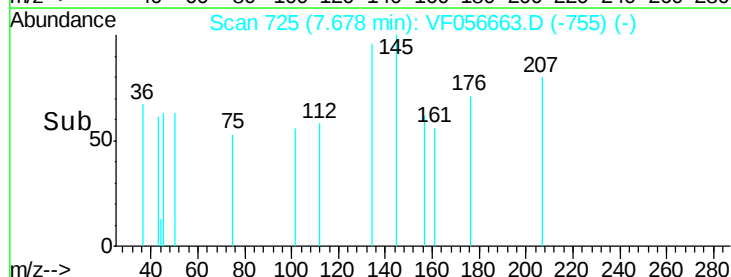


Abundance Ion 43.00 (42.70 to 43.70): VF0

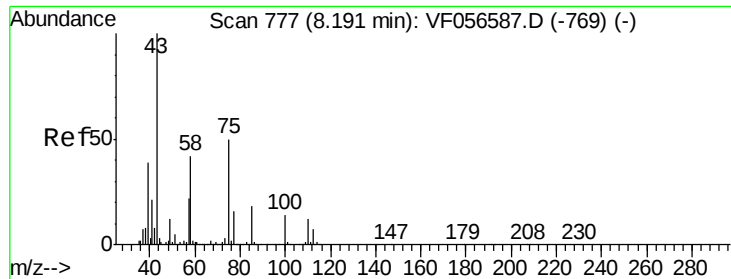
Ion 58.00 (57.70 to 58.70): VF0

7.68

Time-->



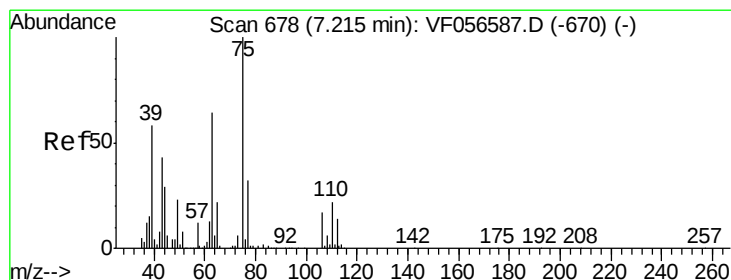
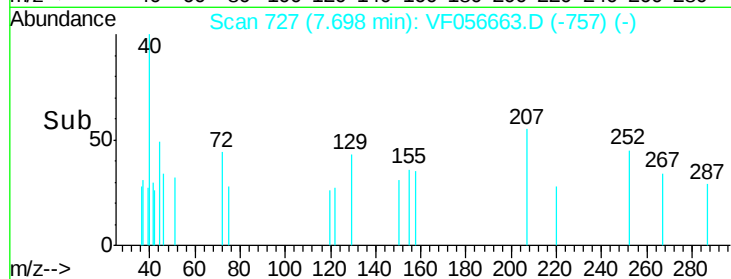
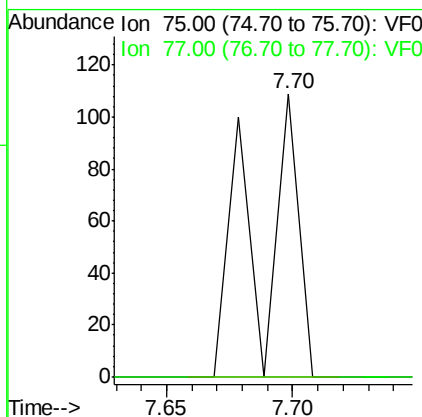
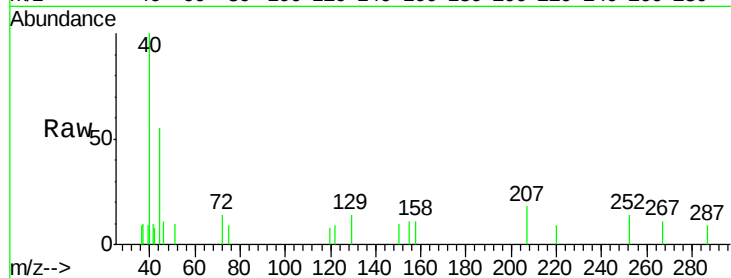
Time-->



#53
 t-1,3-Dichloropropene
 Concen: 198.86 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.49 min
 Lab File: VF056663.D
 Acq: 23 Feb 2018 18:45

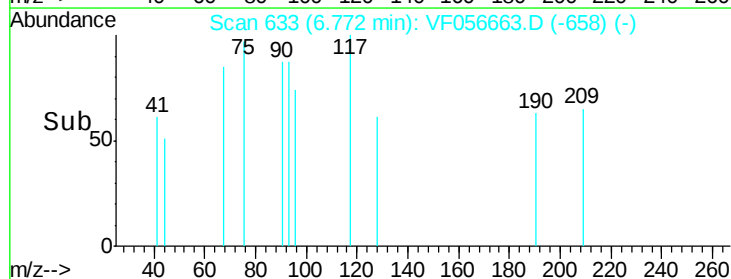
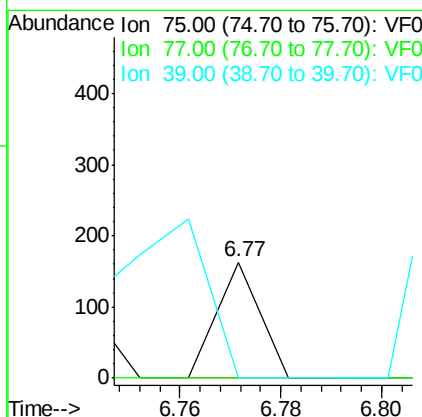
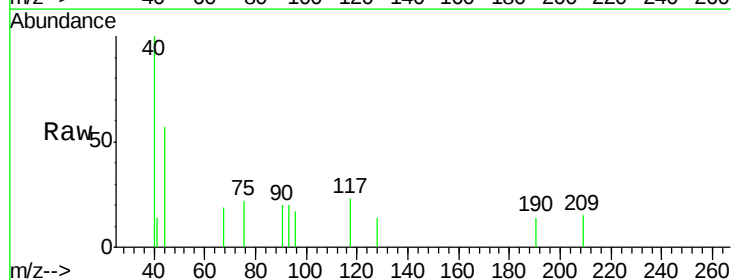
Instrument :
 MSVOA_F
 ClientSampleId :
 72-11982

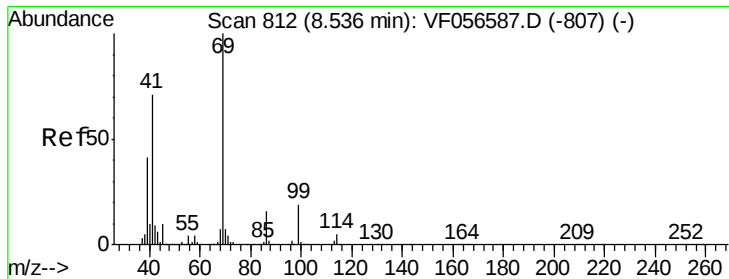
Tgt Ion: 75 Resp: 124
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#



#54
 cis-1,3-Dichloropropene
 Concen: 132.31 ug/l
 RT: 6.77 min Scan# 633
 Delta R.T. -0.44 min
 Lab File: VF056663.D
 Acq: 23 Feb 2018 18:45

Tgt Ion: 75 Resp: 96
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 0.0 47.0 70.6#





#56

Ethyl methacrylate

Concen: 174.73 ug/l

RT: 8.00 min Scan# 758

Delta R.T. -0.53 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

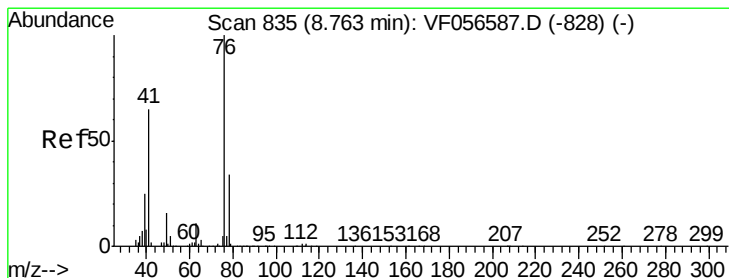
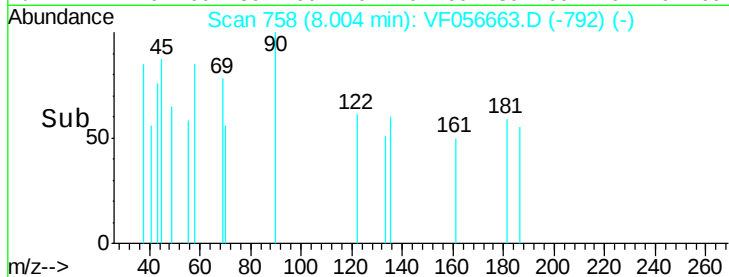
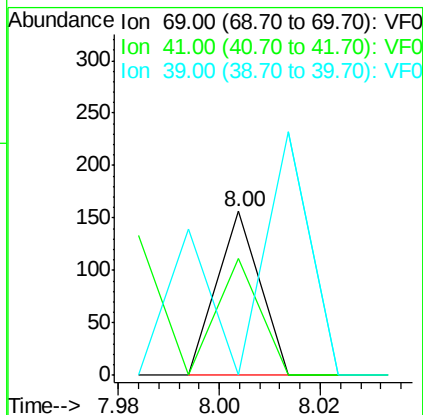
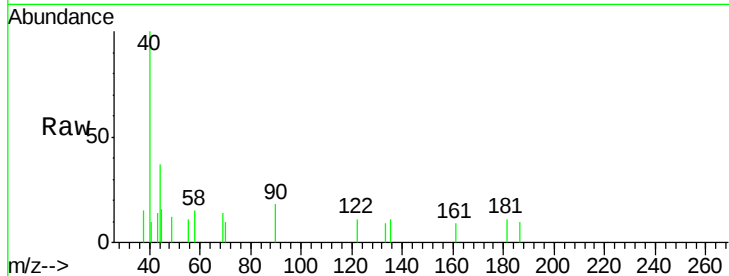
Instrument :

MSVOA_F

ClientSampleId :

72-11982

Tgt Ion:	69	Resp:	92
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: 96.99 ug/l

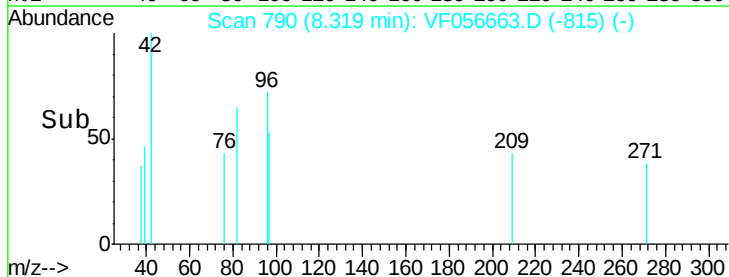
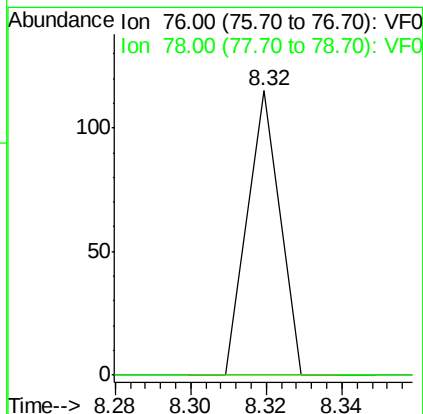
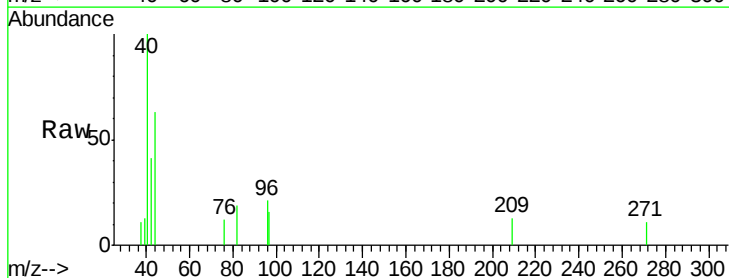
RT: 8.32 min Scan# 790

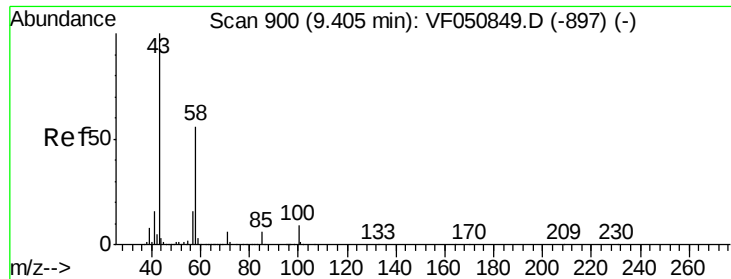
Delta R.T. -0.44 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Tgt Ion:	76	Resp:	68
Ion	Ratio	Lower	Upper
76	100		
78	0.0	27.0	40.6#

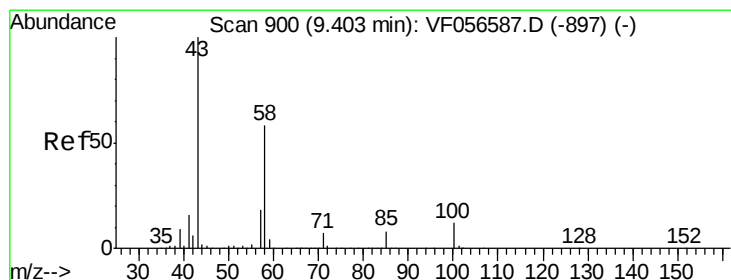
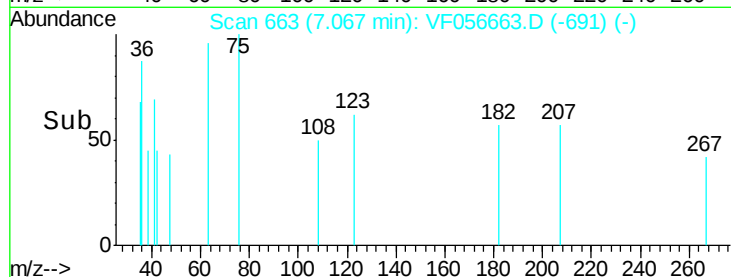
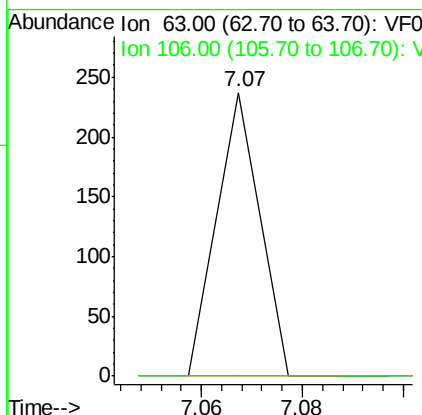
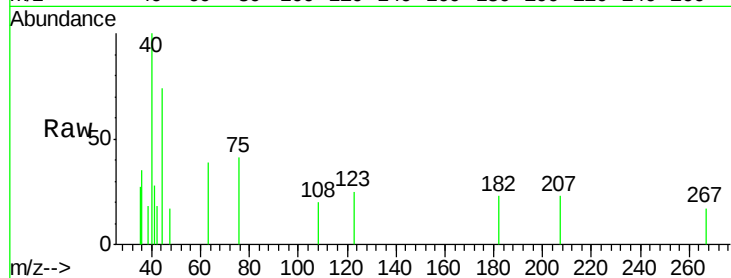




#58
 2-Chloroethyl Vinyl ether
 Concen: 1955.75 ug/l
 RT: 7.07 min Scan# 663
 Delta R.T. -0.47 min
 Lab File: VF056663.D
 Acq: 23 Feb 2018 18:45

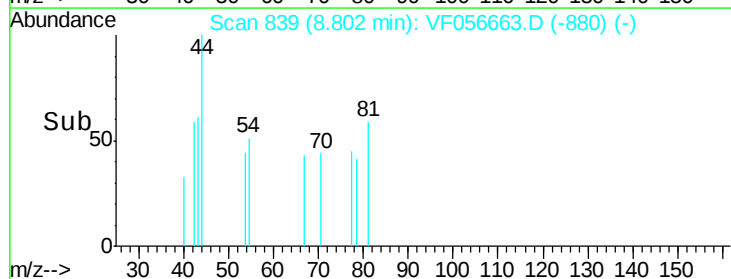
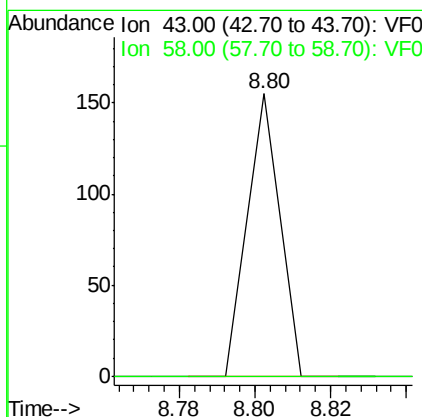
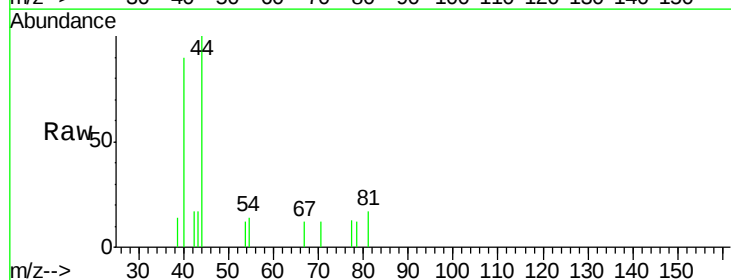
Instrument :
 MSVOA_F
 ClientSampleId :
 72-11982

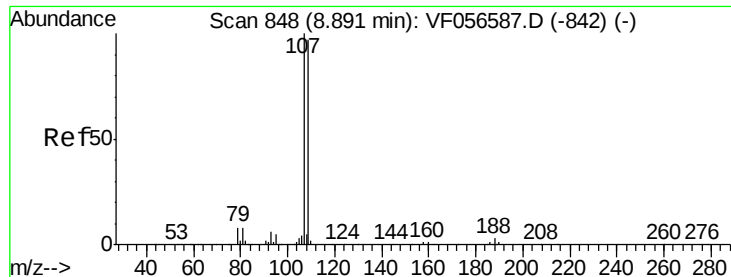
Tgt Ion: 63 Resp: 140
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: 250.85 ug/l
 RT: 8.80 min Scan# 839
 Delta R.T. -0.60 min
 Lab File: VF056663.D
 Acq: 23 Feb 2018 18:45

Tgt Ion: 43 Resp: 92
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.6 79.7#





#61

1,2-Dibromoethane

Concen: 306.29 ug/l

RT: 8.25 min Scan# 783

Delta R.T. -0.64 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

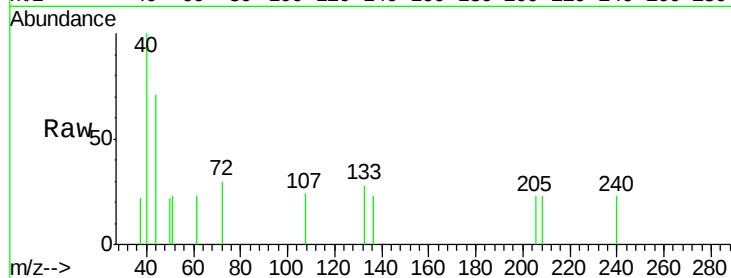
72-11982

Tgt Ion: 107 Resp: 143

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

8.25

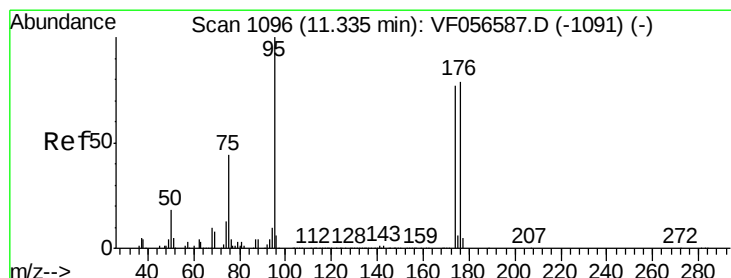
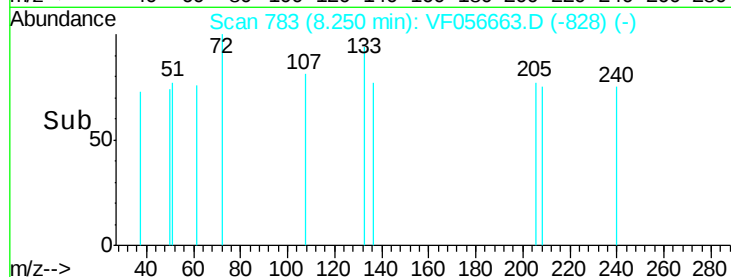
100

50

0

8.22 8.24 8.26 8.28

Time-->



#62

4-Bromofluorobenzene

Concen: 95.99 ug/l

RT: 10.71 min Scan# 1033

Delta R.T. -0.62 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

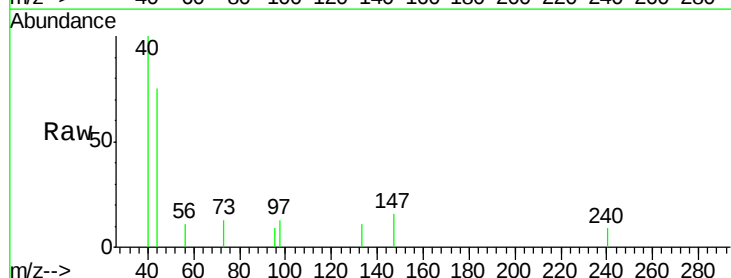
Tgt Ion: 95 Resp: 63

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

10.71

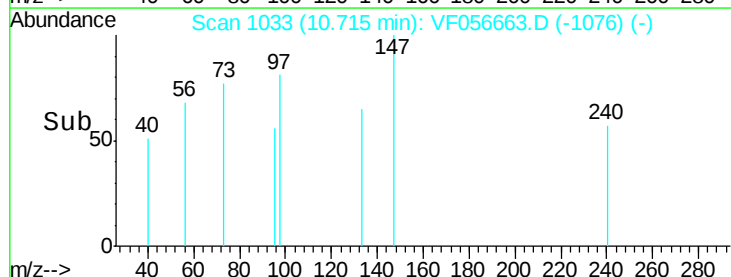
100

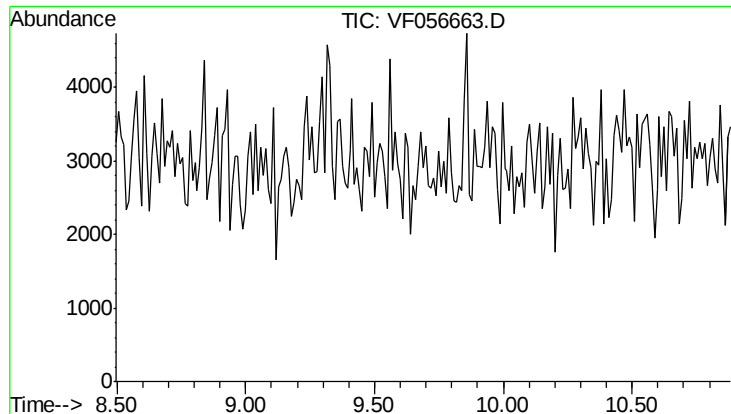
50

0

10.68 10.70 10.72 10.74

Time-->



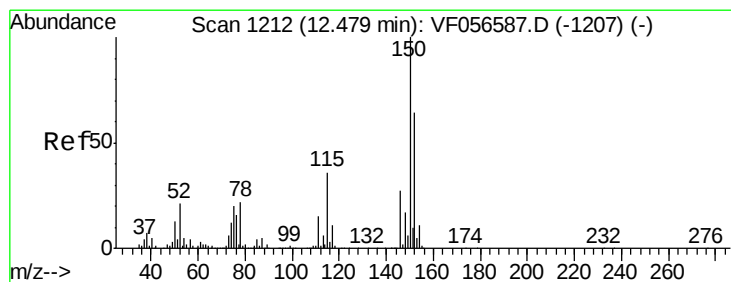
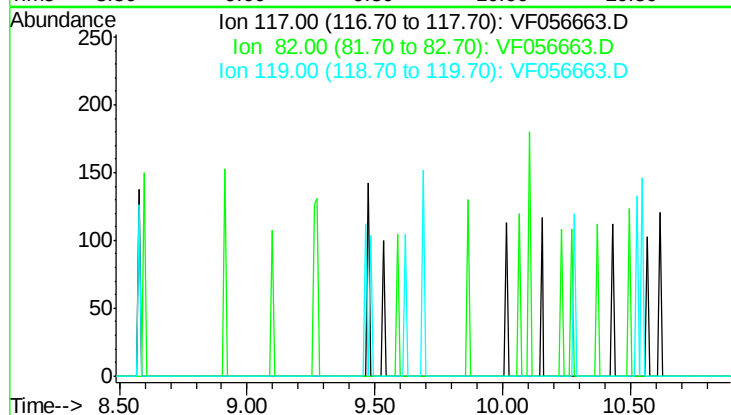


#63
 Chlorobenzene-d5
 Concen: 0.00 ug/l
 Expected RT: 9.69 min

Lab File: VF056663.D
 Acq: 23 Feb 2018 18:45

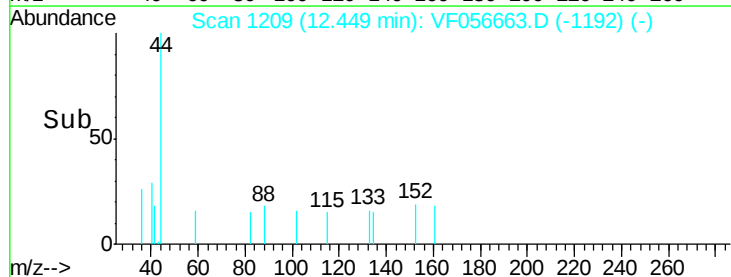
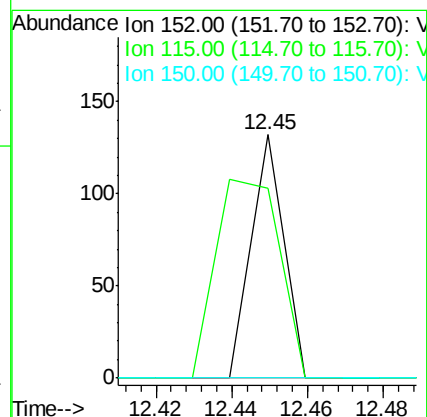
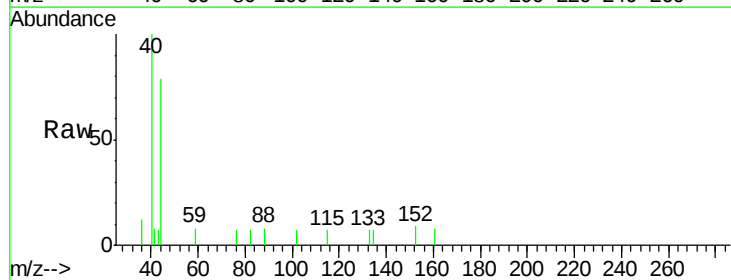
Instrument :
 MSVOA_F
 ClientSampleId :
 72-11982

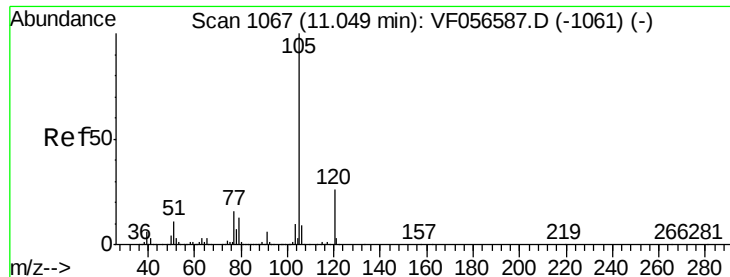
Tgt Ion: 117
 Sig Exp Ratio
 117 100
 82 53.8
 119 31.9



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.45 min Scan# 1209
 Delta R.T. -0.03 min
 Lab File: VF056663.D
 Acq: 23 Feb 2018 18:45

Tgt Ion: 152 Resp: 78
 Ion Ratio Lower Upper
 152 100
 115 78.0 28.1 84.3
 150 0.0 0.0 315.6





#73

Isopropylbenzene

Concen: 24.14 ug/l

RT: 11.07 min Scan# 1069

Delta R.T. 0.02 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

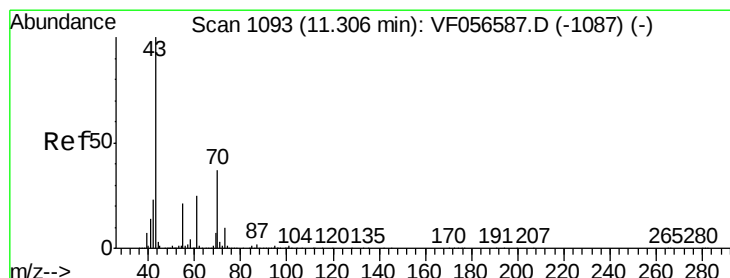
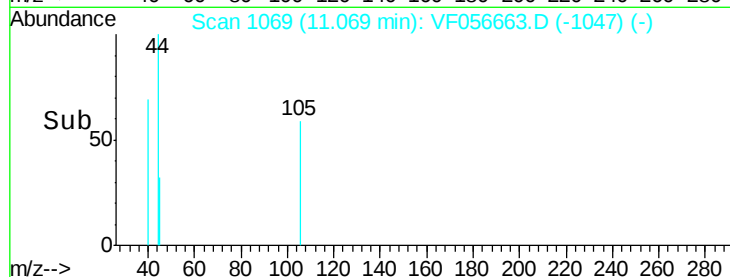
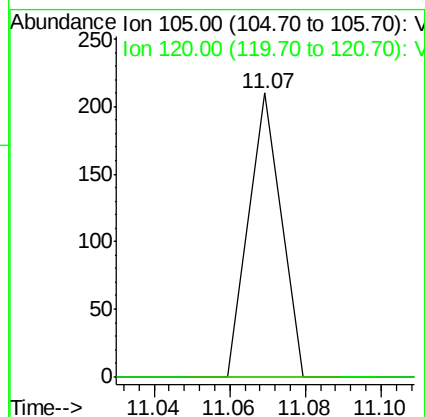
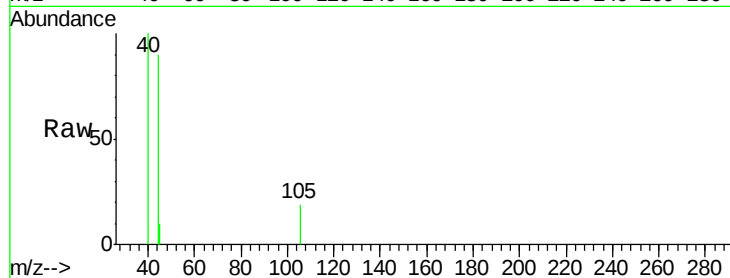
72-11982

Tgt Ion:105 Resp: 124

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



#74

N-ethyl acetate

Concen: 50.04 ug/l

RT: 11.31 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Tgt Ion: 43 Resp: 115

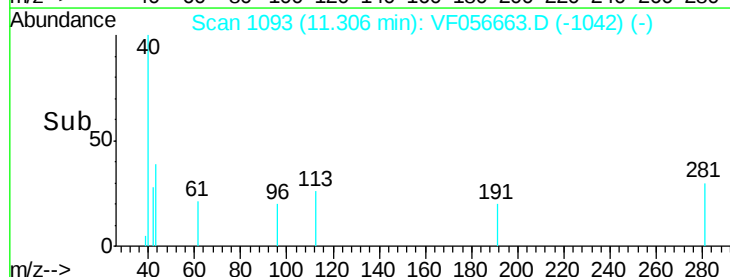
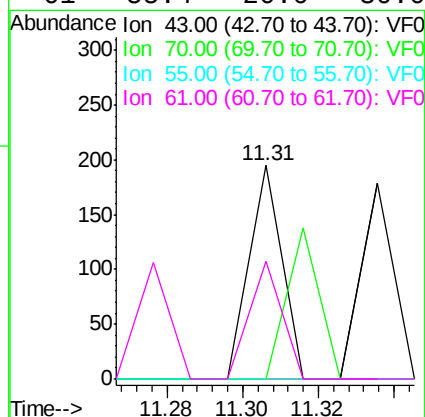
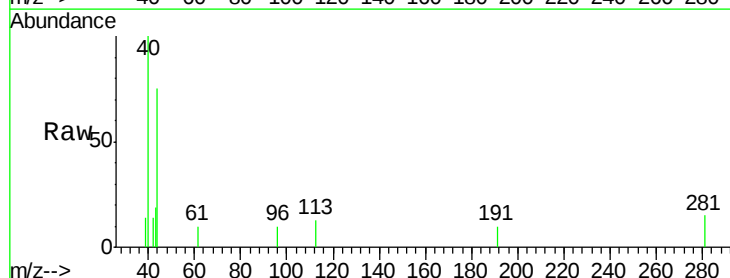
Ion Ratio Lower Upper

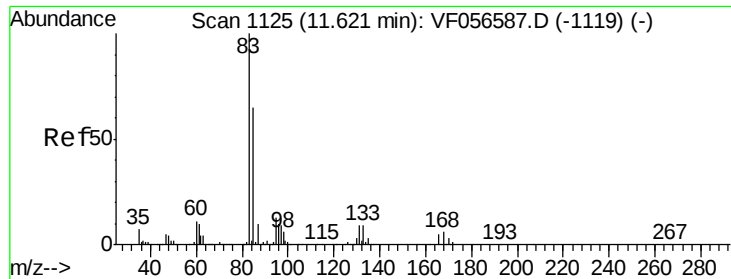
43 100

70 0.0 29.5 44.3#

55 0.0 17.0 25.4#

61 55.4 20.0 30.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 45.68 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.11 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

72-11982

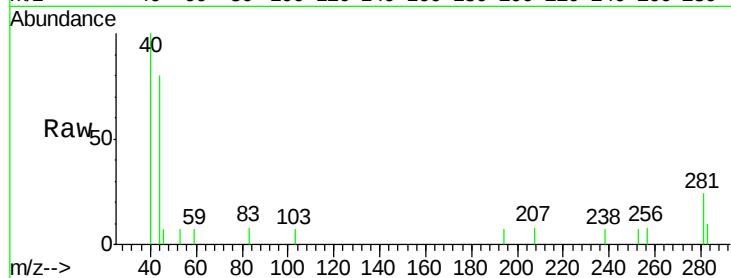
Tgt Ion: 83 Resp: 71

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.4#

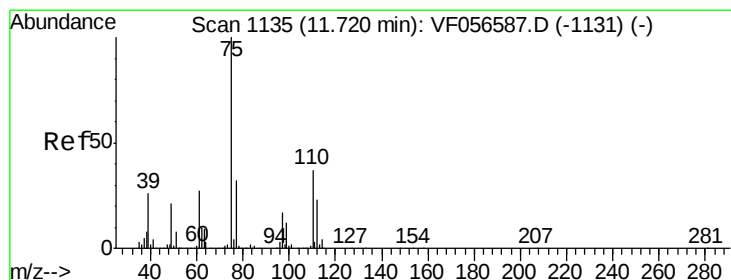
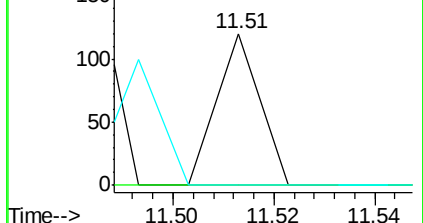
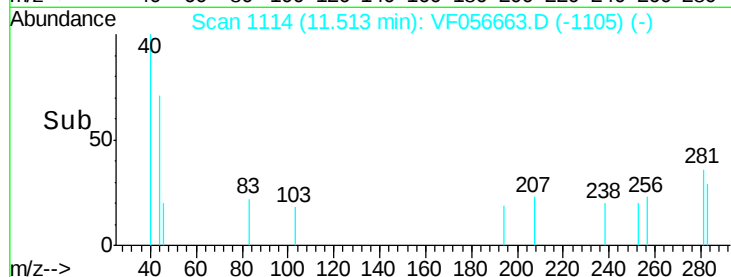
85 0.0 32.4 97.2#



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: 66.24 ug/l

RT: 11.74 min Scan# 1137

Delta R.T. 0.02 min

Lab File: VF056663.D

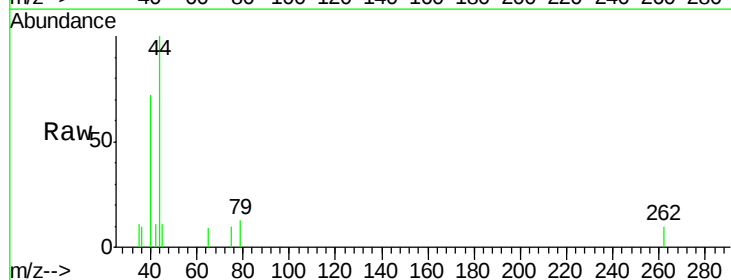
Acq: 23 Feb 2018 18:45

Tgt Ion: 75 Resp: 79

Ion Ratio Lower Upper

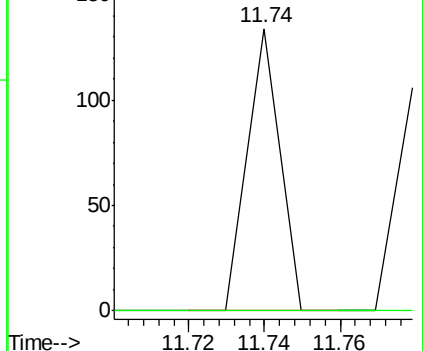
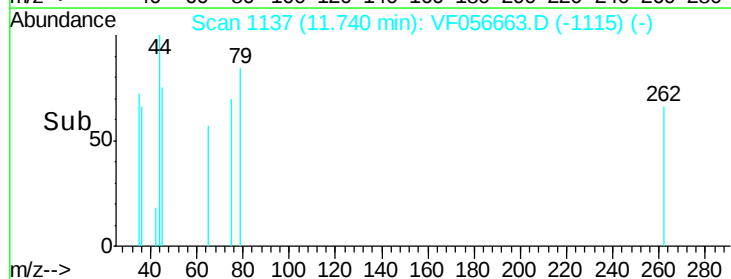
75 100

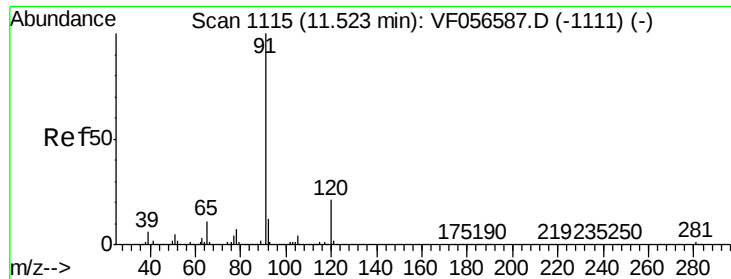
77 0.0 16.0 48.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

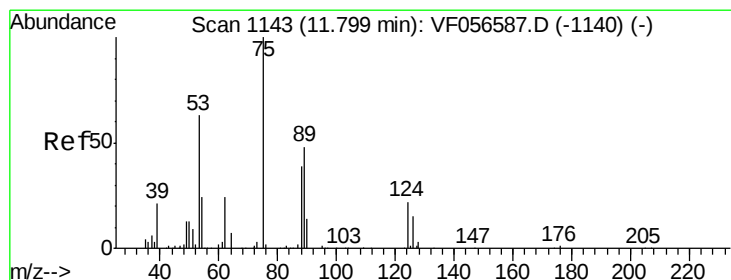
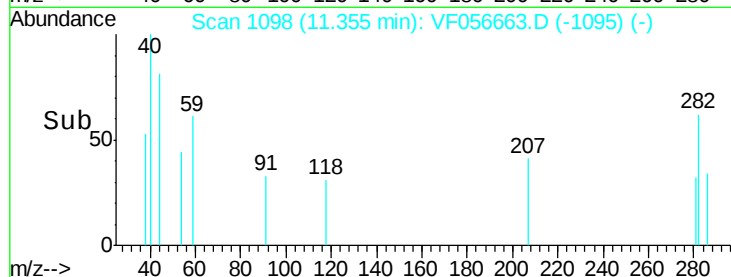
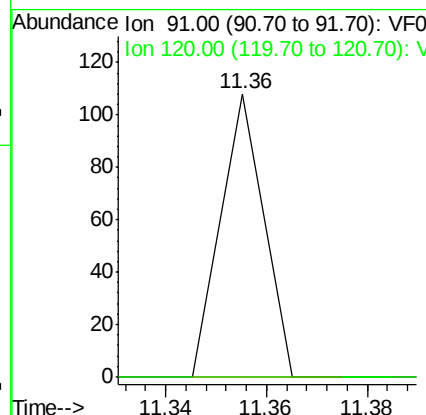
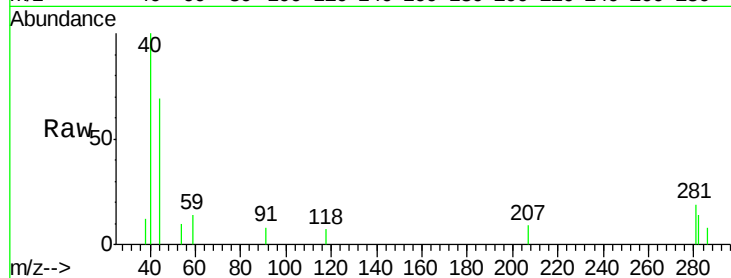




#78
n-propylbenzene
Concen: 10.11 ug/l
RT: 11.36 min Scan# 1098
Delta R.T. -0.17 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

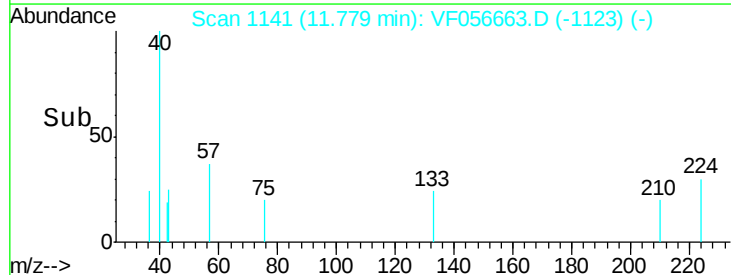
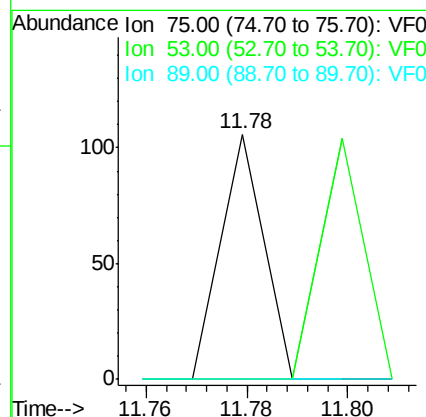
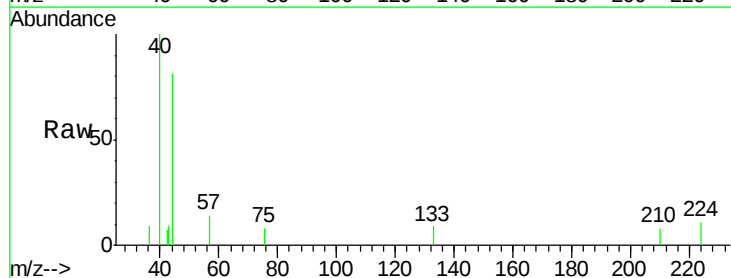
Instrument :
MSVOA_F
ClientSampleId :
72-11982

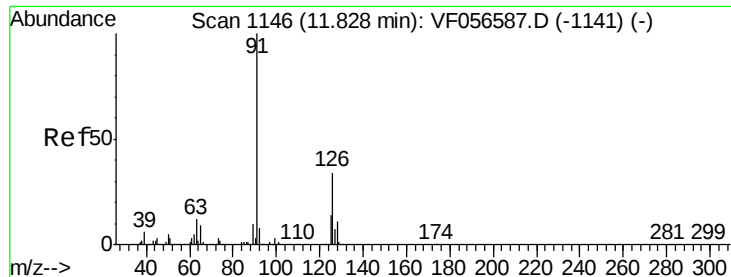
Tgt Ion: 91 Resp: 64
Ion Ratio Lower Upper
91 100
120 0.0 10.7 31.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.42 ug/l
RT: 11.78 min Scan# 1141
Delta R.T. -0.02 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
53 0.0 55.4 83.0#
89 0.0 40.4 60.6#





#82

4-Chlorotoluene

Concen: 20.96 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. 0.09 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

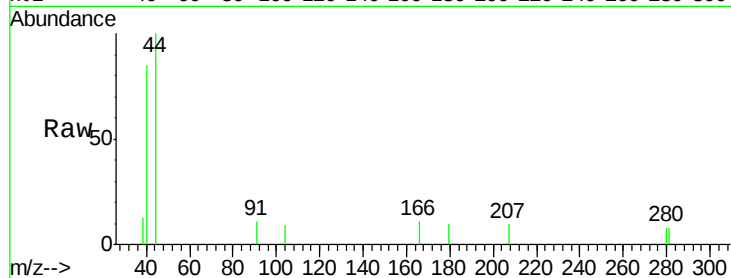
72-11982

Tgt Ion: 91 Resp: 85

Ion Ratio Lower Upper

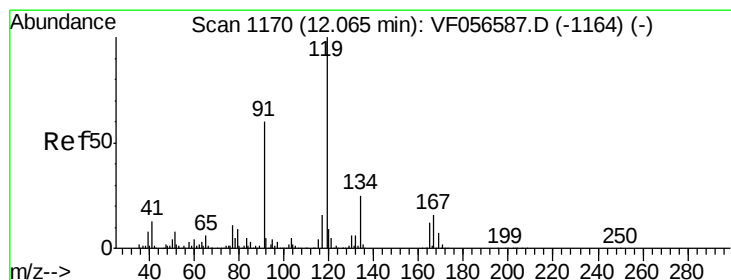
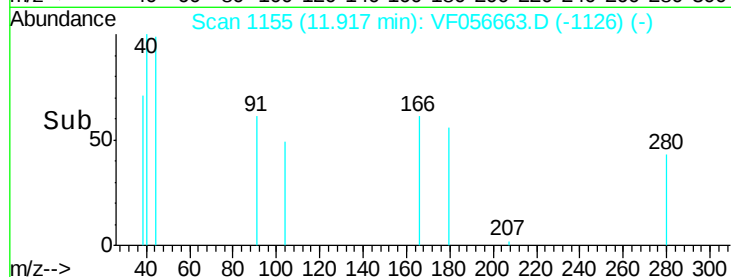
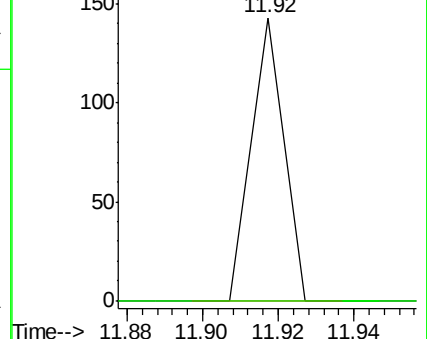
91 100

126 0.0 17.1 51.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#83

tert-Butylbenzene

Concen: 15.04 ug/l

RT: 12.16 min Scan# 1180

Delta R.T. 0.10 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

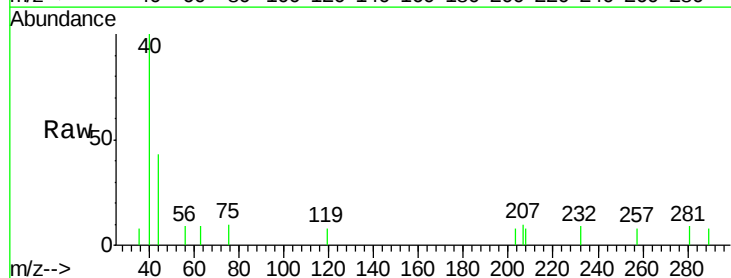
Tgt Ion: 119 Resp: 62

Ion Ratio Lower Upper

119 100

91 0.0 29.8 89.4#

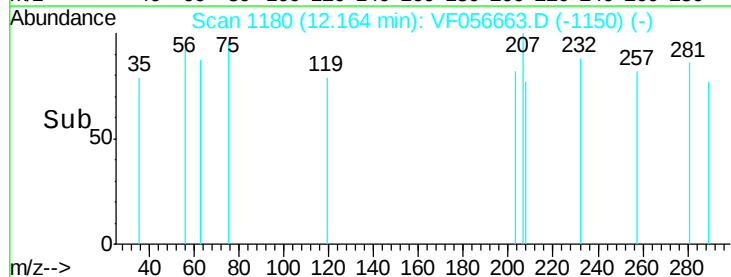
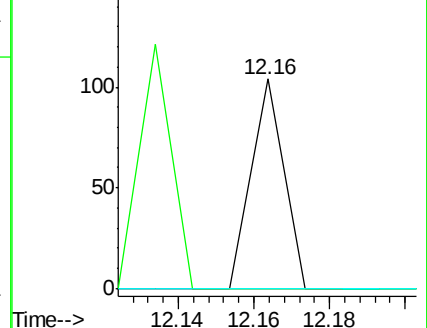
134 0.0 12.4 37.4#

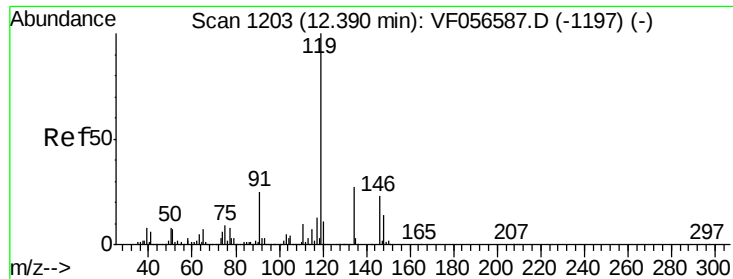


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 14.48 ug/l

RT: 12.36 min Scan# 1200

Delta R.T. -0.03 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Instrument :

MSVOA_F

ClientSampled :

72-11982

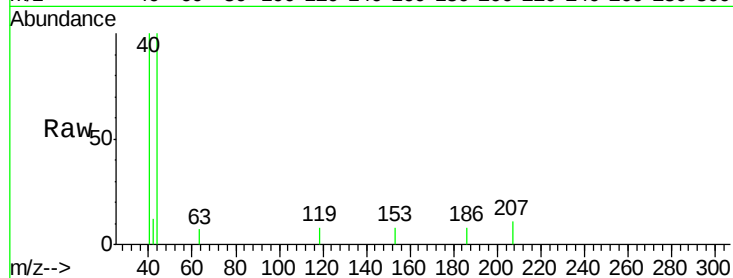
Tgt Ion:119 Resp: 66

Ion Ratio Lower Upper

119 100

134 0.0 13.4 40.2#

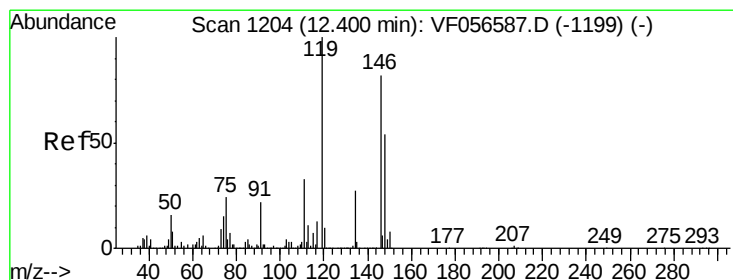
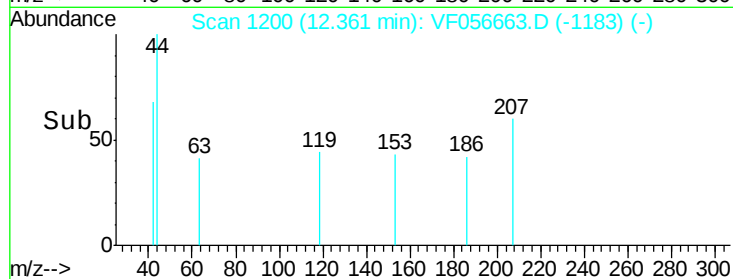
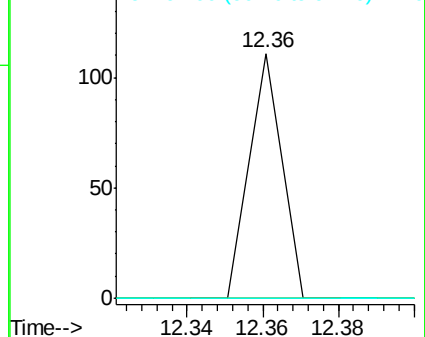
91 0.0 12.7 38.0#



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: 26.92 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. -0.02 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

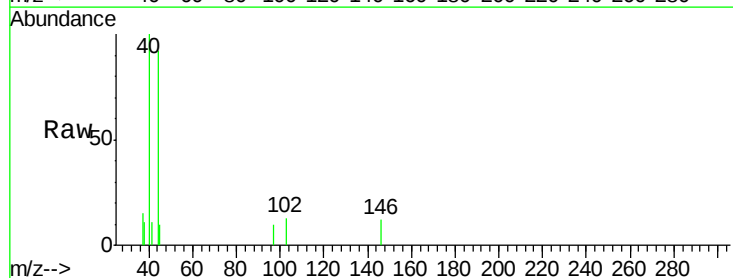
Tgt Ion:146 Resp: 69

Ion Ratio Lower Upper

146 100

111 0.0 20.0 60.0#

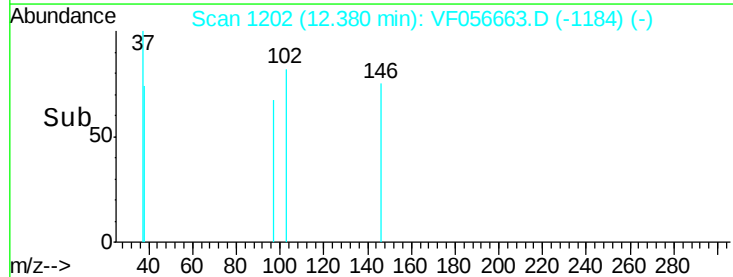
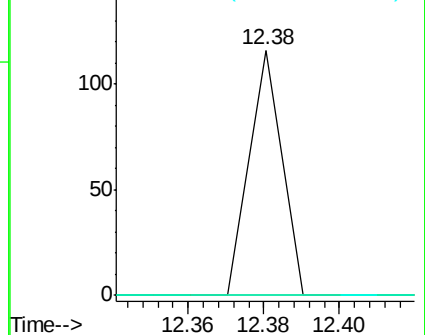
148 0.0 32.6 97.7#

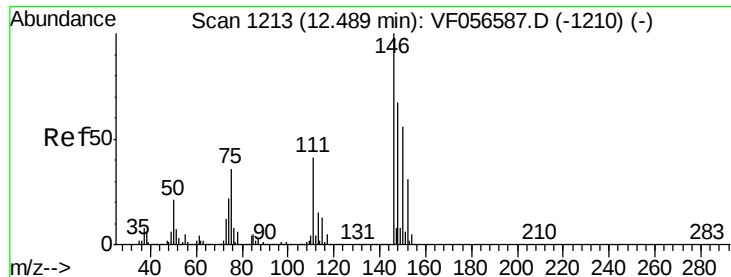


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#88

1,4-Dichlorobenzene

Concen: 28.04 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. -0.11 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

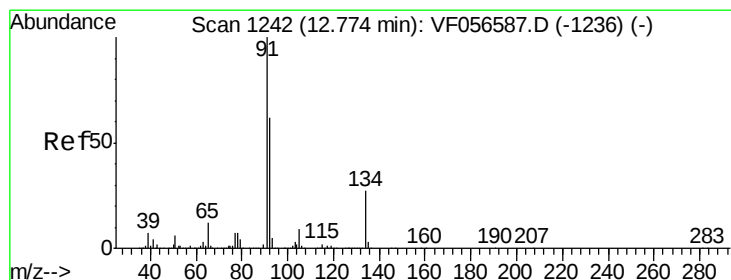
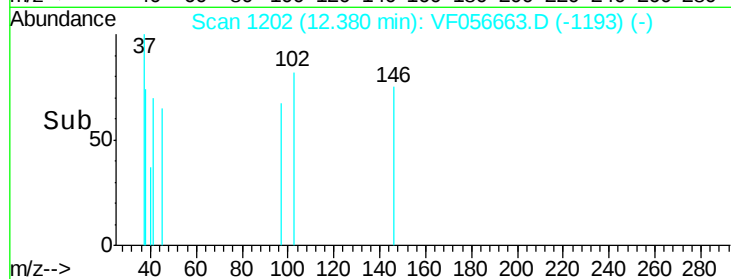
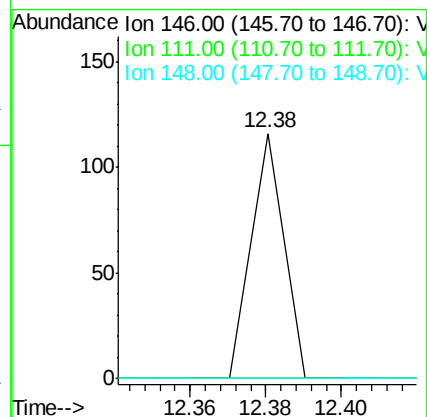
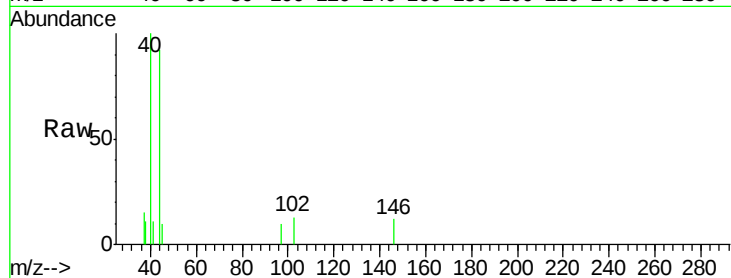
Instrument :

MSVOA_F

ClientSampleId :

72-11982

Tgt Ion:	146	Resp:	69
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.6	61.9#
148	0.0	33.4	100.2#



#89

n-Butylbenzene

Concen: 9.05 ug/l

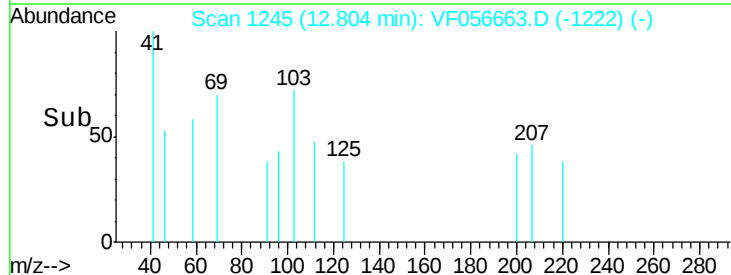
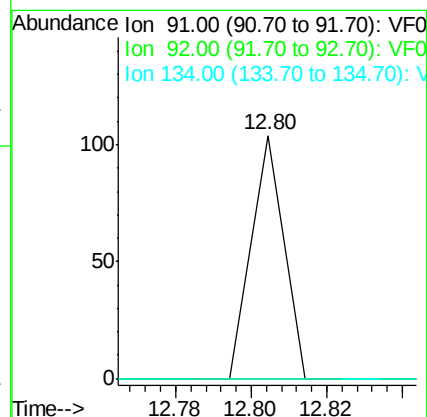
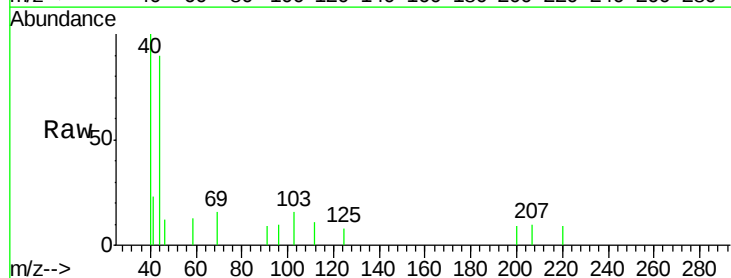
RT: 12.80 min Scan# 1245

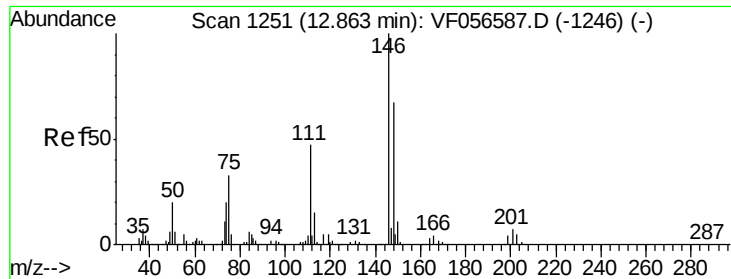
Delta R.T. 0.03 min

Lab File: VF056663.D

Acq: 23 Feb 2018 18:45

Tgt Ion:	91	Resp:	62
Ion	Ratio	Lower	Upper
91	100		
92	0.0	30.9	92.7#
134	0.0	13.7	41.0#

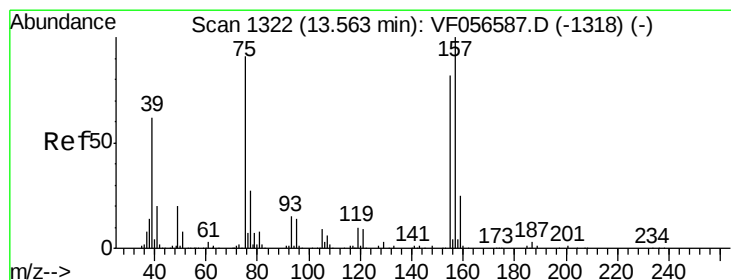
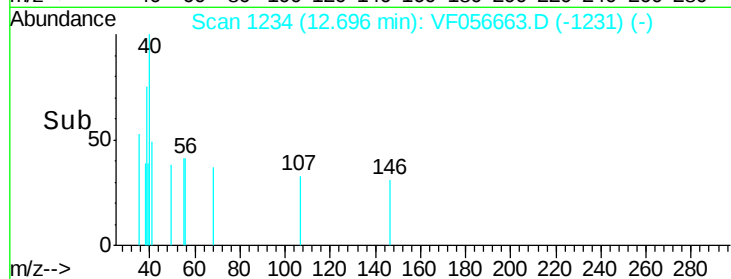
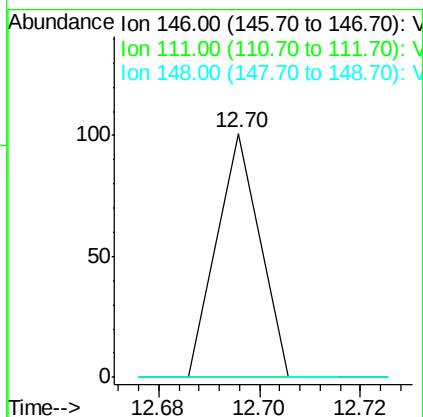
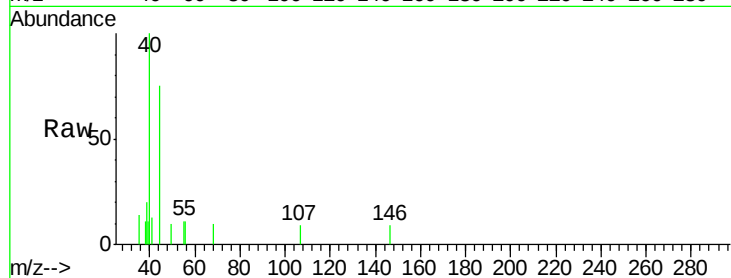




#91
 1,2-Dichlorobenzene
 Concen: 24.40 ug/l
 RT: 12.70 min Scan# 1234
 Delta R.T. -0.17 min
 Lab File: VF056663.D
 Acq: 23 Feb 2018 18:45

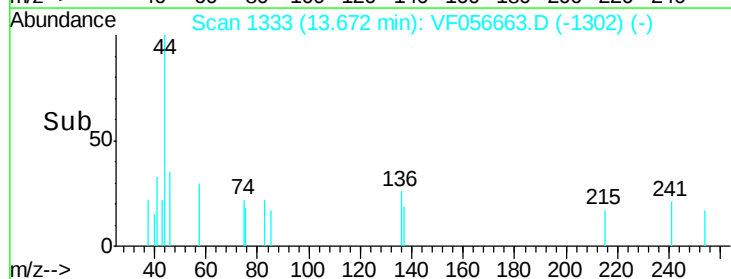
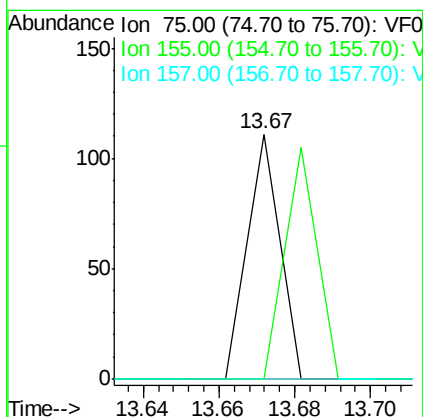
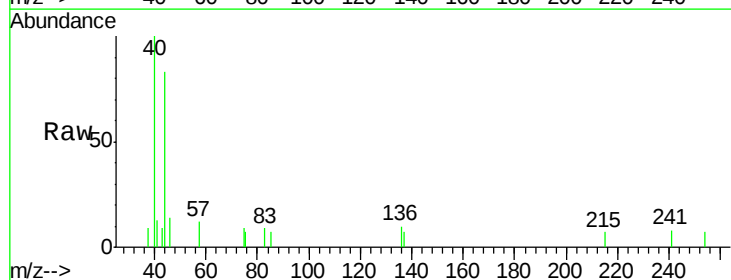
Instrument :
 MSVOA_F
 ClientSampled :
 72-11982

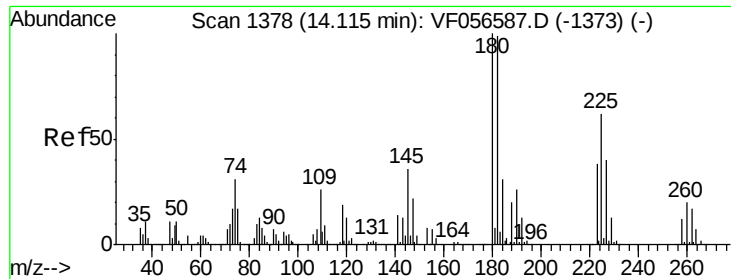
Tgt Ion: 146 Resp: 60
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.4 70.3#
 148 0.0 33.6 100.6#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 227.92 ug/l
 RT: 13.67 min Scan# 1333
 Delta R.T. 0.11 min
 Lab File: VF056663.D
 Acq: 23 Feb 2018 18:45

Tgt Ion: 75 Resp: 66
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.1 135.3#
 157 0.0 54.9 164.8#

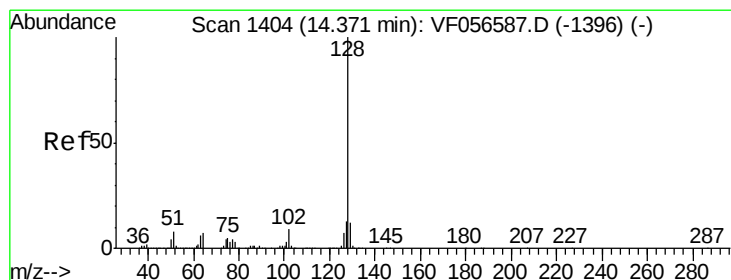
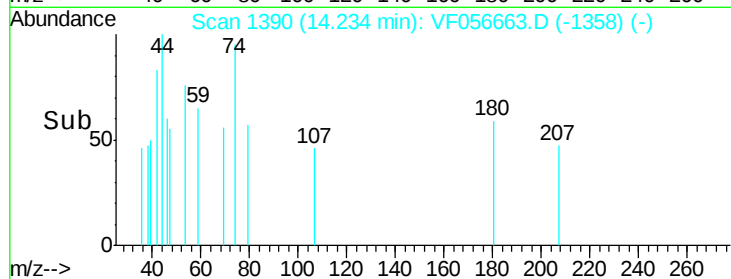
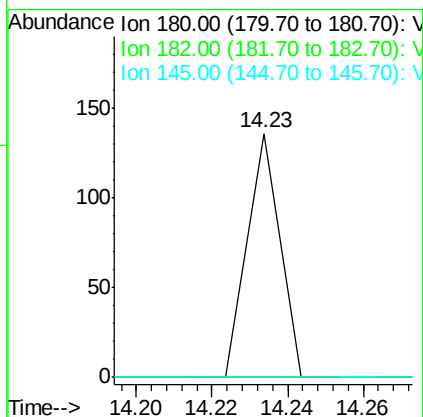
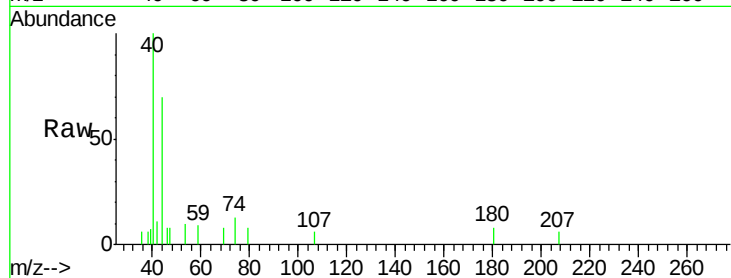




#93
 1,2,4-Trichlorobenzene
 Concen: 47.92 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. 0.12 min
 Lab File: VF056663.D
 Acq: 23 Feb 2018 18:45

Instrument :
 MSVOA_F
 ClientSampleId :
 72-11982

Tgt Ion:180 Resp: 80
 Ion Ratio Lower Upper
 180 100
 182 0.0 49.5 148.5#
 145 0.0 17.8 53.5#



#95
 Naphthalene
 Concen: 14.29 ug/l
 RT: 14.38 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: VF056663.D
 Acq: 23 Feb 2018 18:45

Tgt Ion:128 Resp: 60
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 9.4 14.0#

