

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
 Data File : VX000669.D
 Acq On : 04 Apr 2018 20:52
 Operator : JC/MD
 Sample : PB107957TB 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB107957TB

Quant Time: Apr 05 05:22:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	88309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	150236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	77426	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	67296	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	
35) Dibromofluoromethane	5.52	113	47977	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
50) Toluene-d8	8.73	98	192370	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	
62) 4-Bromofluorobenzene	11.15	95	67148	38.90	ug/l	0.00
Spiked Amount			Recovery	=	77.80%	

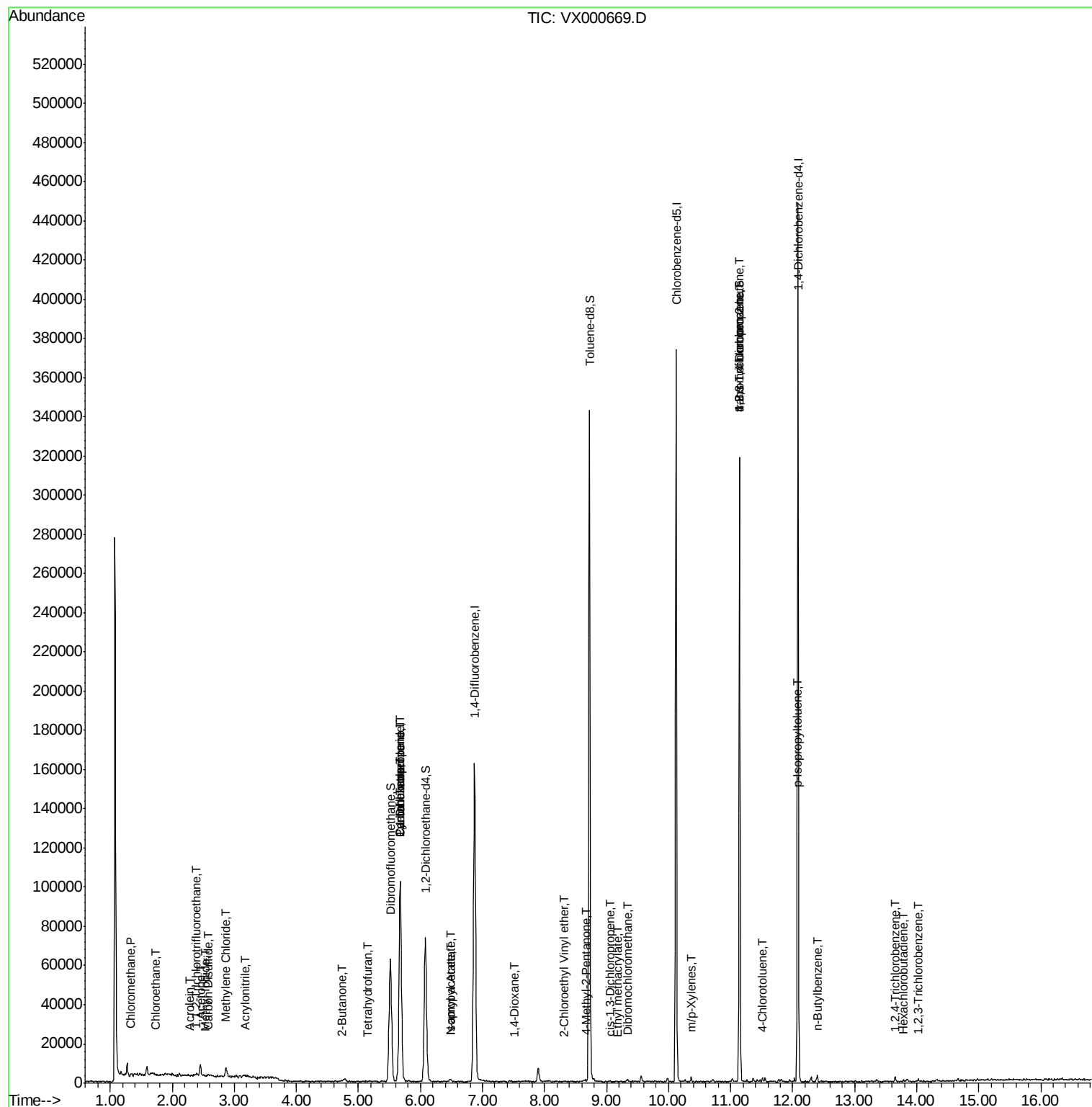
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	316	0.31	ug/l	98
6) Chloroethane	1.73	64	227	0.23	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	256	0.20	ug/l	97
10) Methyl Iodide	2.53	142	170	9.48	ug/l #	74
13) Acrolein	2.28	56	141	0.41	ug/l #	25
15) Acrylonitrile	3.16	53	656	0.61	ug/l #	76
16) Acetone	2.45	43	6782	5.49	ug/l #	85
17) Carbon Disulfide	2.57	76	1227	0.44	ug/l #	82
20) Methylene Chloride	2.87	84	1909	1.36	ug/l	89
25) 2-Butanone	4.72	43	734	0.59	ug/l #	50
29) Tetrahydrofuran	5.15	42	192	0.24	ug/l #	45
31) Cyclohexane	5.67	56	2880	1.94	ug/l #	55
36) 1,1-Dichloropropene	5.67	75	8204	5.89	ug/l #	53
38) Carbon Tetrachloride	5.68	117	9173	6.84	ug/l #	17
43) Isopropyl Acetate	6.48	43	1609	0.52	ug/l #	80
49) 1,4-Dioxane	7.51	88	19	0.57	ug/l #	24
51) 4-Methyl-2-Pentanone	8.66	43	518	0.21	ug/l #	74
54) cis-1,3-Dichloropropene	9.07	75	133	4.23	ug/l #	70
56) Ethyl methacrylate	9.18	69	72	4.35	ug/l #	57
58) 2-Chloroethyl Vinyl ether	8.32	63	67	15.62	ug/l #	49
60) Dibromochloromethane	9.34	129	98	4.57	ug/l #	11
68) m/p-Xylenes	10.37	106	595	0.30	ug/l	99
74) N-ethyl acetate	6.48	43	1609	0.64	ug/l #	75
76) 1,2,3-Trichloropropane	11.15	75	41397	24.51	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.15	75	41397	87.90	ug/l #	7
82) 4-Chlorotoluene	11.52	91	864	0.21	ug/l	93
86) p-Isopropyltoluene	12.07	119	961	0.22	ug/l #	55
89) n-Butylbenzene	12.39	91	1050	0.24	ug/l	93
93) 1,2,4-Trichlorobenzene	13.66	180	486	0.30	ug/l #	61
94) Hexachlorobutadiene	13.79	225	188	0.31	ug/l	89
96) 1,2,3-Trichlorobenzene	14.02	180	362	0.22	ug/l	89

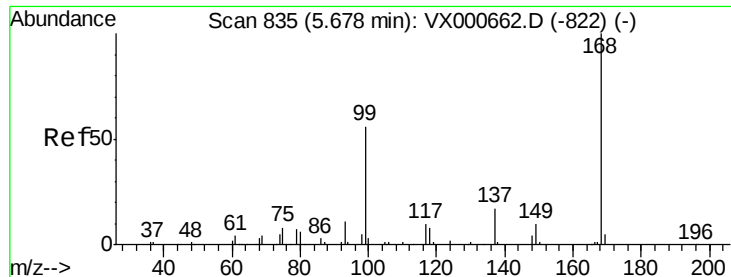
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

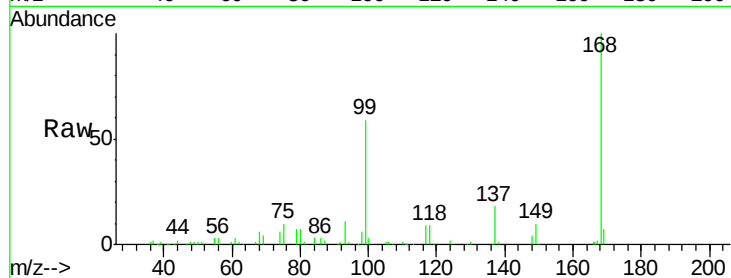
PB107957TB

Tgt Ion:168 Resp: 88309

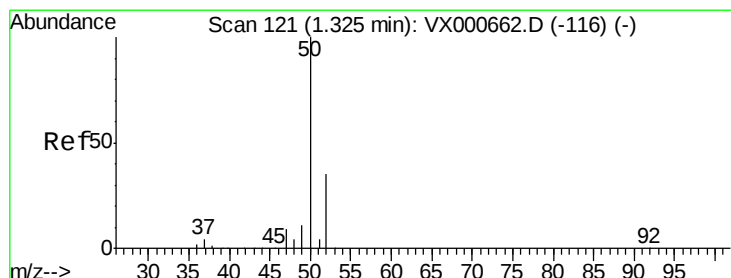
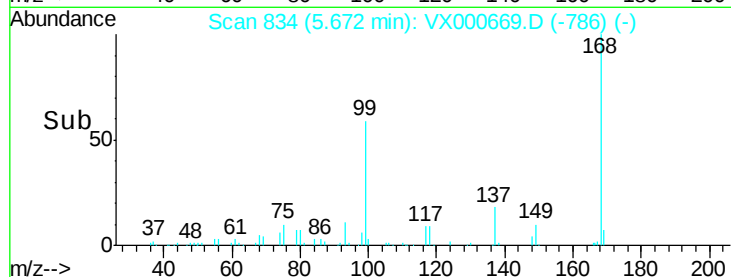
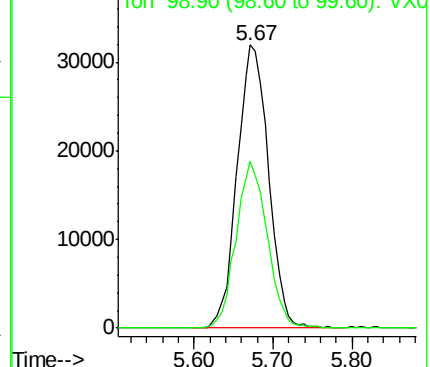
Ion Ratio Lower Upper

168 100

99 59.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V



#3

Chloromethane

Concen: 0.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000669.D

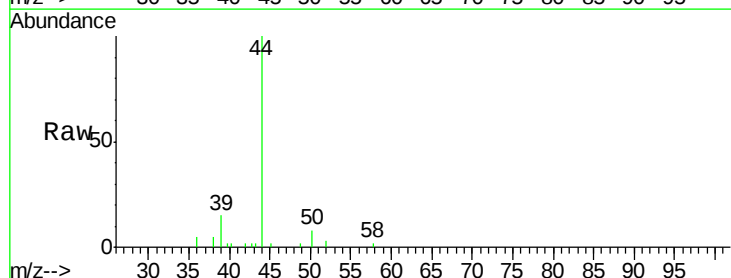
Acq: 04 Apr 2018 20:52

Tgt Ion: 50 Resp: 316

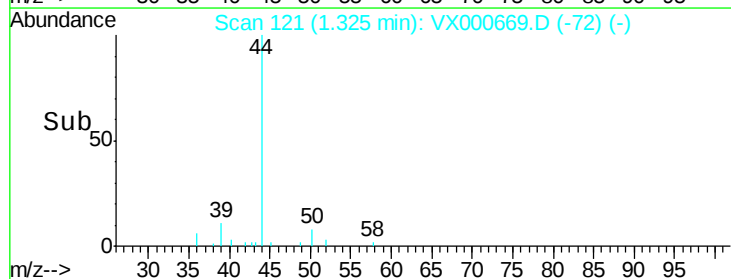
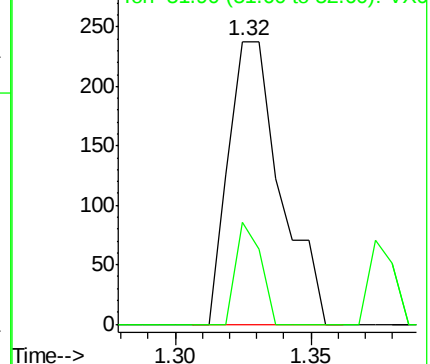
Ion Ratio Lower Upper

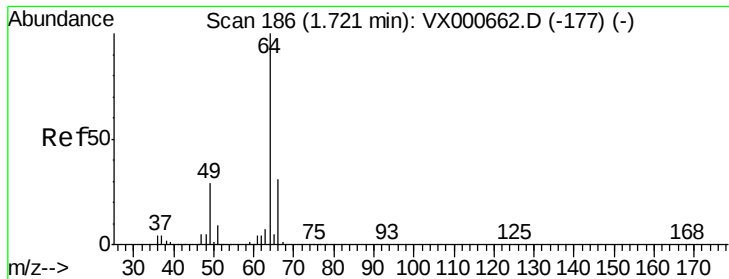
50 100

52 36.1 28.0 42.0



Abundance Ion 49.90 (49.60 to 50.60): VX0





#6

Chloroethane

Concen: 0.23 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

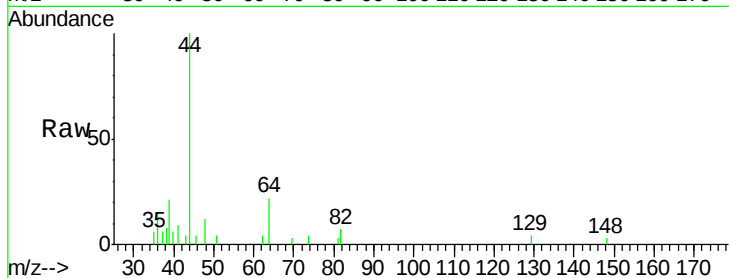
PB107957TB

Tgt Ion: 64 Resp: 227

Ion Ratio Lower Upper

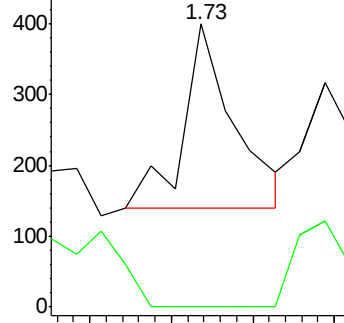
64 100

66 0.0 25.0 37.6#

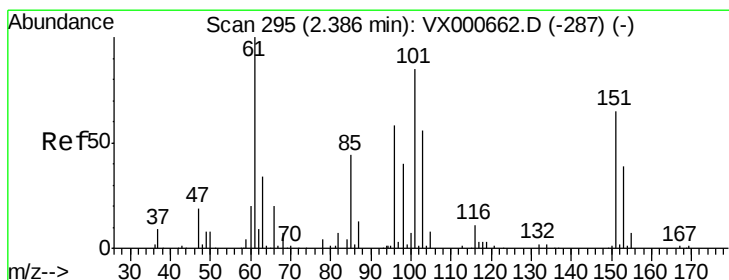
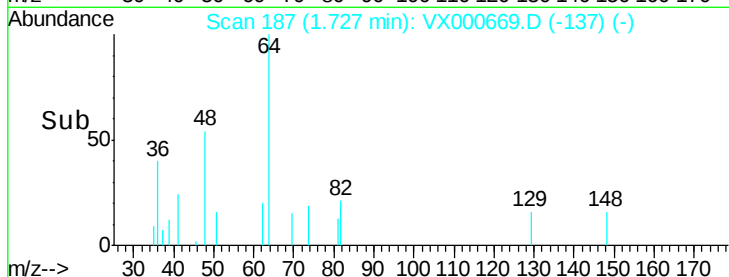


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.20 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

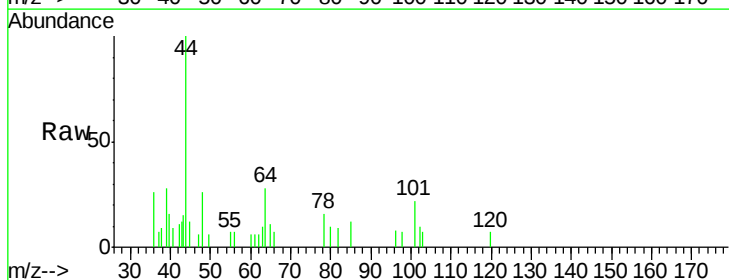
Tgt Ion: 101 Resp: 256

Ion Ratio Lower Upper

101 100

85 48.8 40.0 60.0

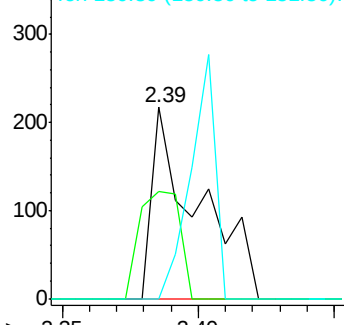
151 68.0 57.4 86.2



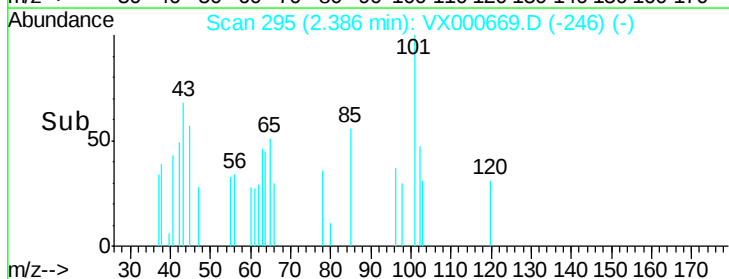
Abundance Ion 100.90 (100.60 to 101.60): V

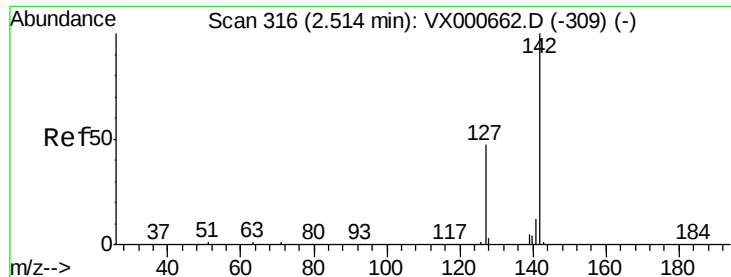
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->

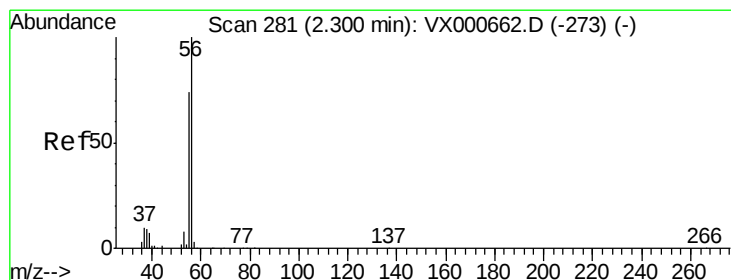
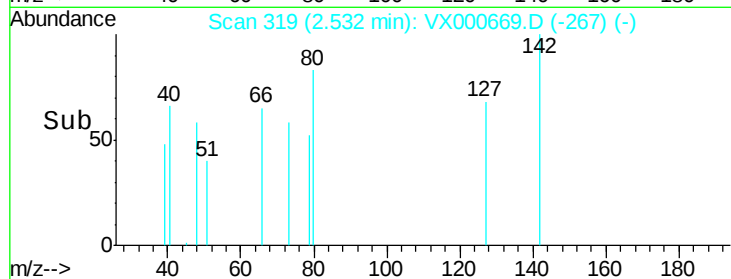
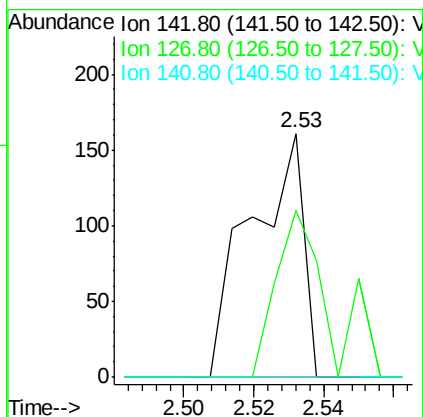
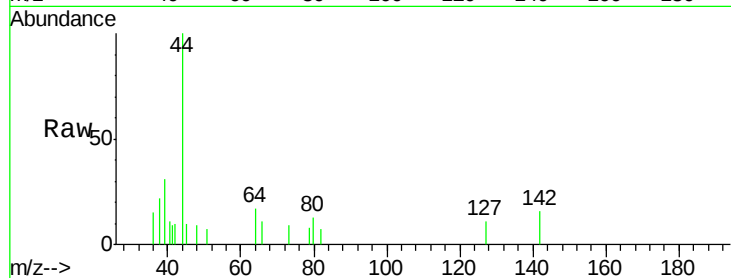




#10
Methyl Iodide
Concen: 9.48 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX000669.D
Acq: 04 Apr 2018 20:52

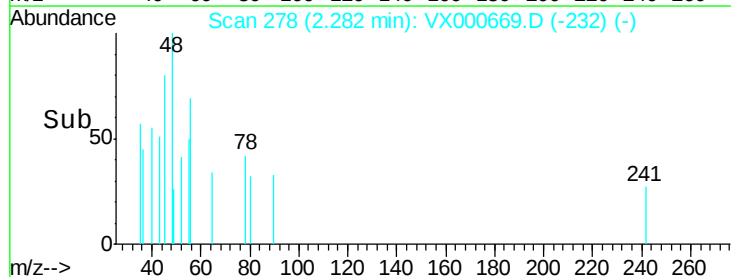
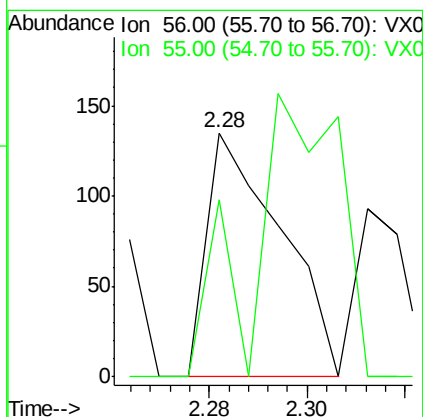
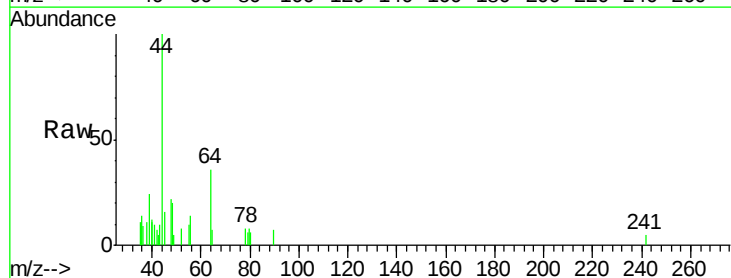
Instrument :
MSVOA_X
ClientSampled :
PB107957TB

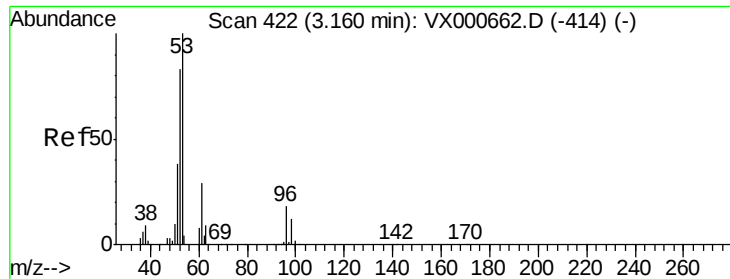
Tgt Ion: 142 Resp: 170
Ion Ratio Lower Upper
142 100
127 67.6 40.7 61.1#
141 0.0 11.1 16.7#



#13
Acrolein
Concen: 0.41 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX000669.D
Acq: 04 Apr 2018 20:52

Tgt Ion: 56 Resp: 141
Ion Ratio Lower Upper
56 100
55 135.5 58.1 87.1#





#15

Acrylonitrile

Concen: 0.61 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

MSVOA_X

ClientSampled :

PB107957TB

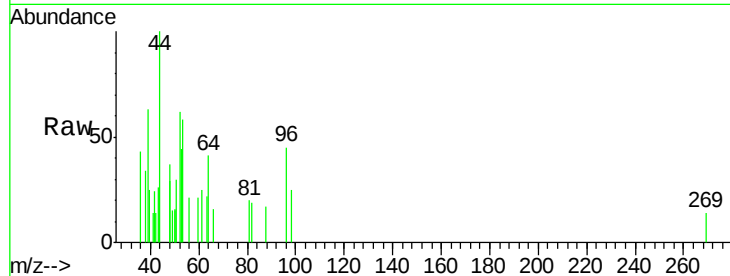
Tgt Ion: 53 Resp: 656

Ion Ratio Lower Upper

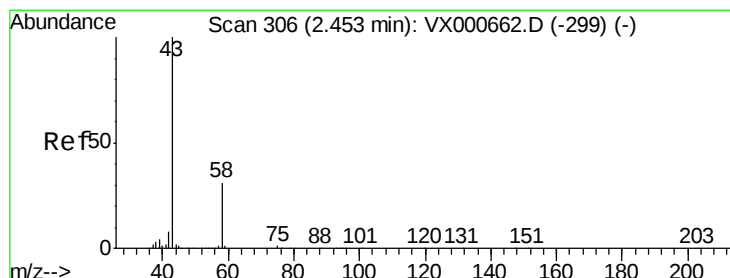
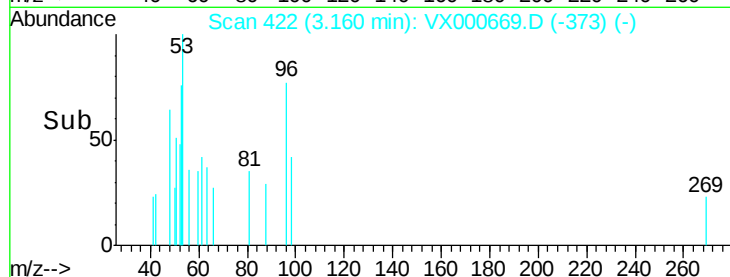
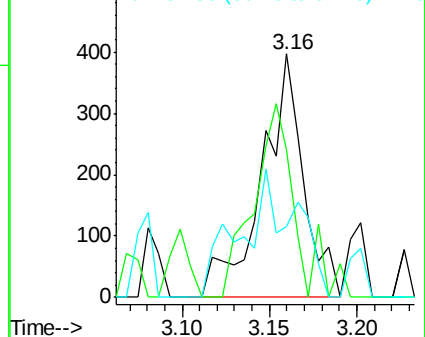
53 100

52 70.4 66.5 99.7

51 10.7 30.6 46.0#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.49 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000669.D

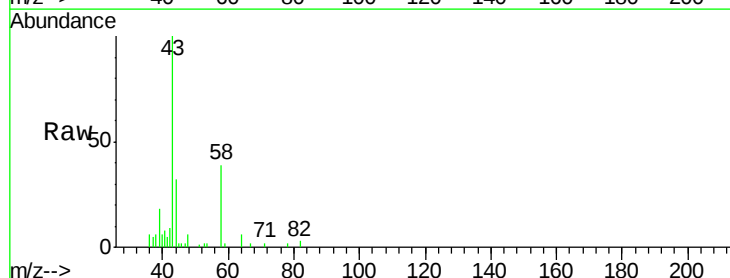
Acq: 04 Apr 2018 20:52

Tgt Ion: 43 Resp: 6782

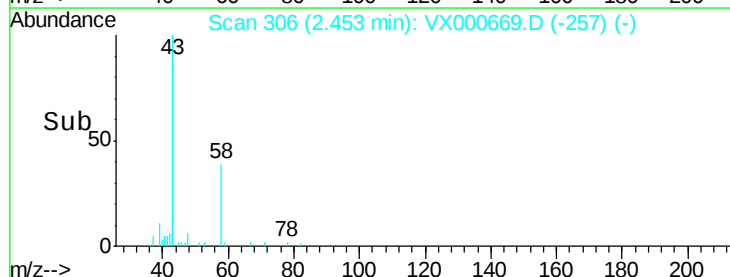
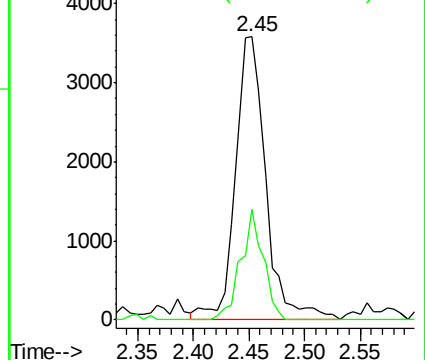
Ion Ratio Lower Upper

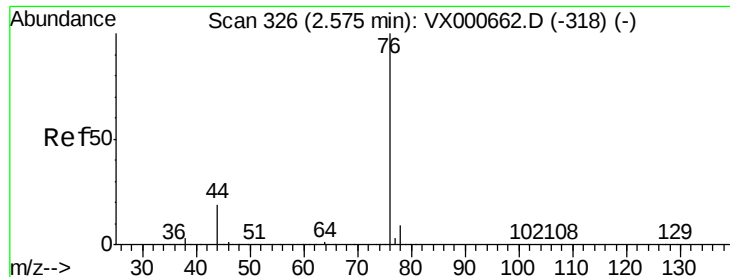
43 100

58 38.9 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.44 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

MSVOA_X

ClientSampled :

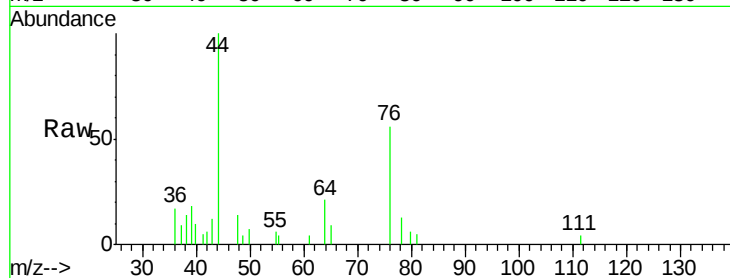
PB107957TB

Tgt Ion: 76 Resp: 1227

Ion Ratio Lower Upper

76 100

78 2.4 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

600

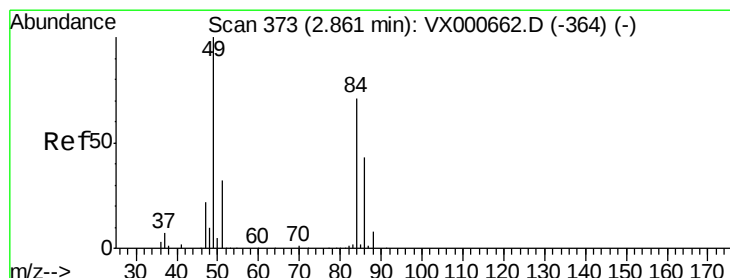
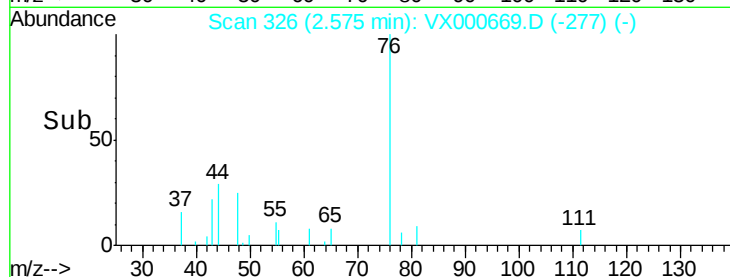
400

200

0

2.55 2.60

Time-->



#20

Methylene Chloride

Concen: 1.36 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Tgt Ion: 84 Resp: 1909

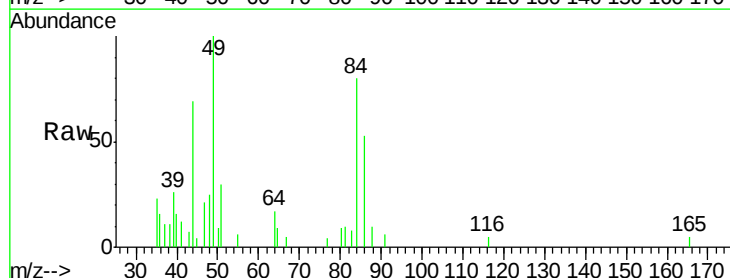
Ion Ratio Lower Upper

84 100

49 125.7 112.1 168.1

51 37.7 35.4 53.0

86 67.1 48.7 73.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2000

1500

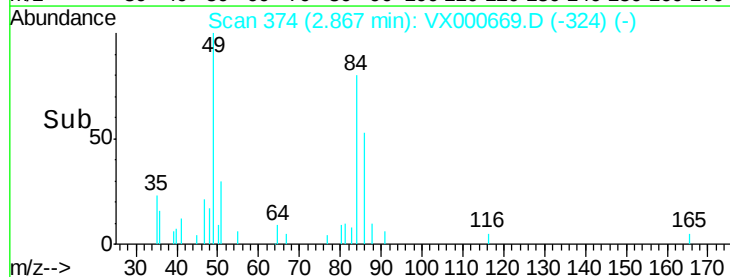
1000

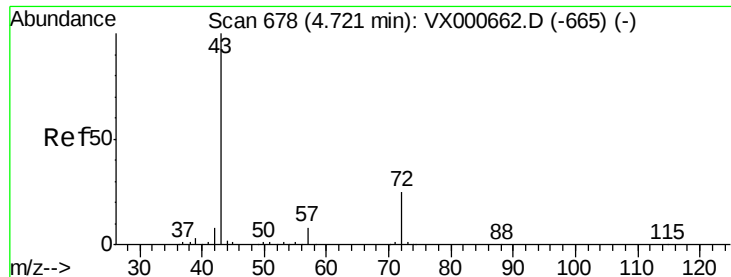
500

0

2.80 2.85 2.90

Time-->





#25

2-Butanone

Concen: 0.59 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

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ClientSampled :

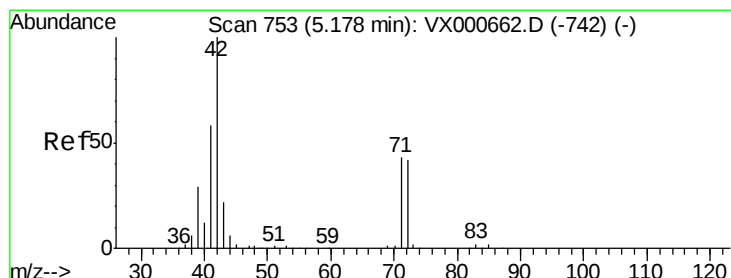
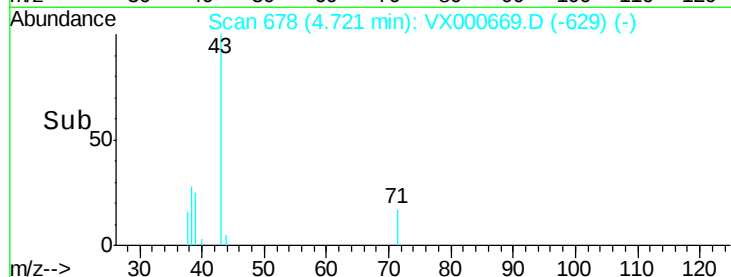
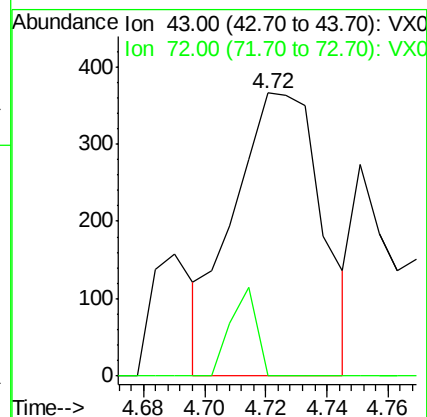
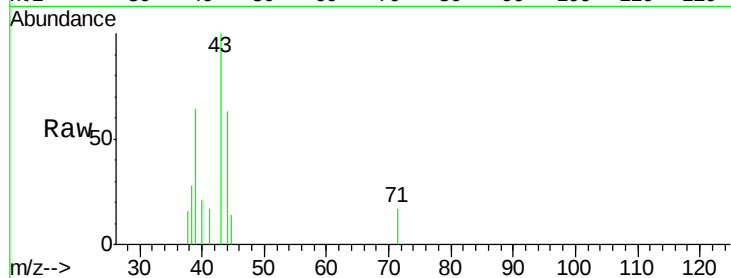
PB107957TB

Tgt Ion: 43 Resp: 734

Ion Ratio Lower Upper

43 100

72 0.0 20.0 30.0#



#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 5.15 min Scan# 748

Delta R.T. -0.03 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

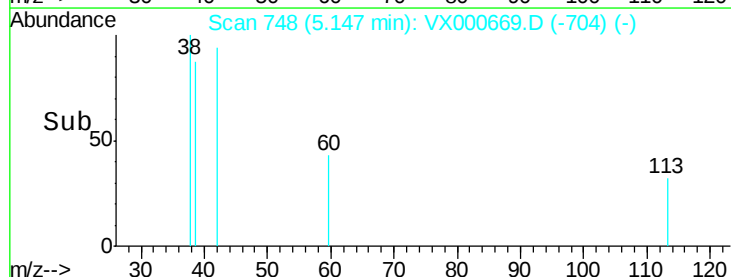
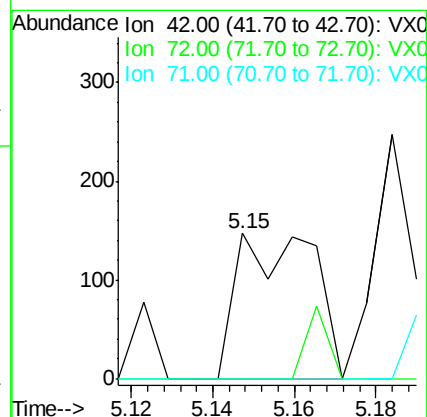
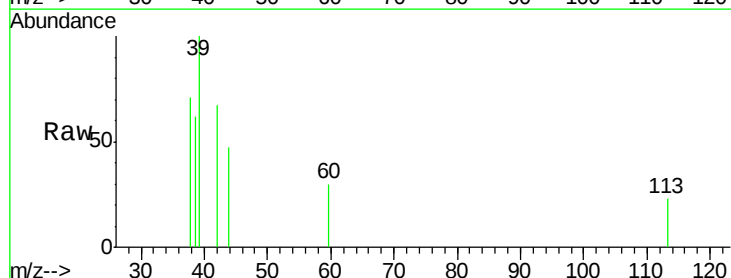
Tgt Ion: 42 Resp: 192

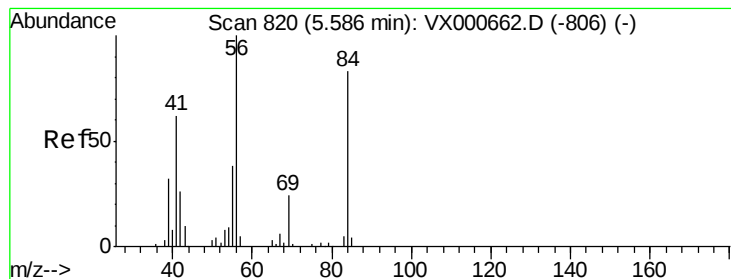
Ion Ratio Lower Upper

42 100

72 14.1 34.5 51.7#

71 0.0 32.2 48.2#





#31

Cyclohexane

Concen: 1.94 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.08 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

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MSVOA_X

ClientSampleId :

PB107957TB

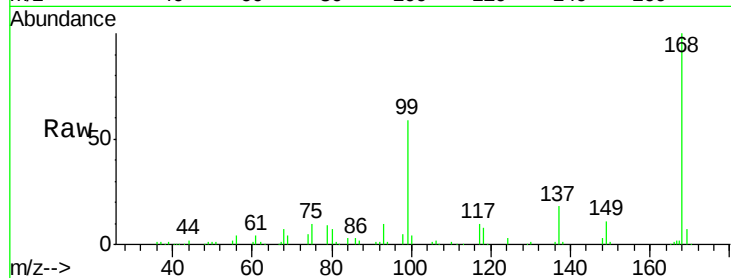
Tgt Ion: 56 Resp: 2880

Ion Ratio Lower Upper

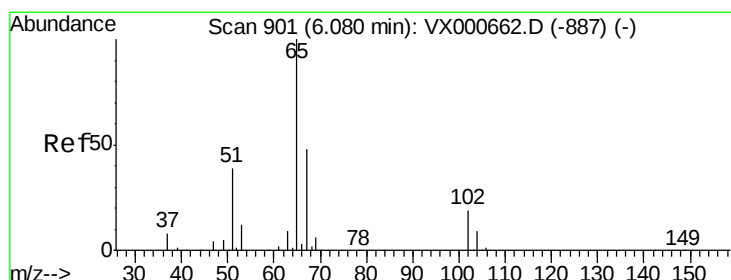
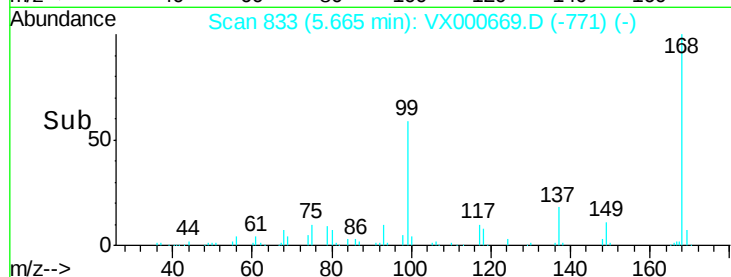
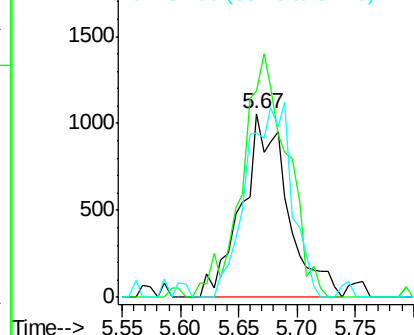
56 100

69 112.5 19.4 29.0#

84 89.1 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.85 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000669.D

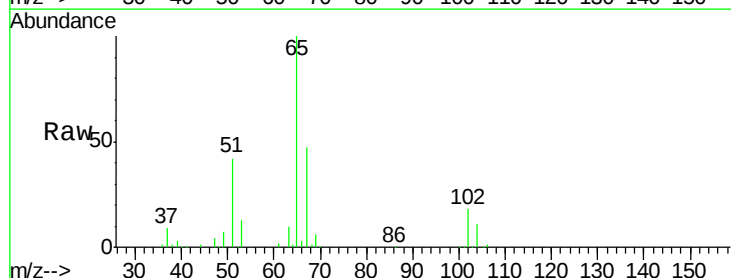
Acq: 04 Apr 2018 20:52

Tgt Ion: 65 Resp: 67296

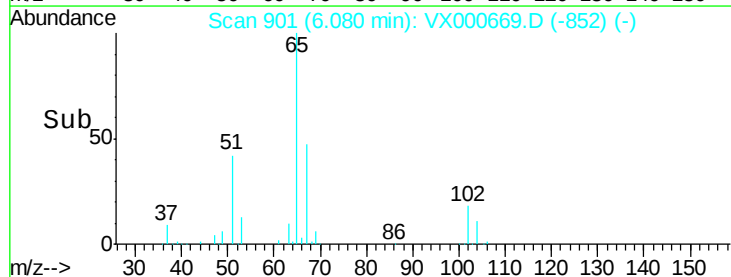
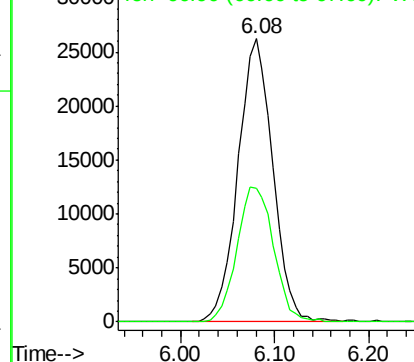
Ion Ratio Lower Upper

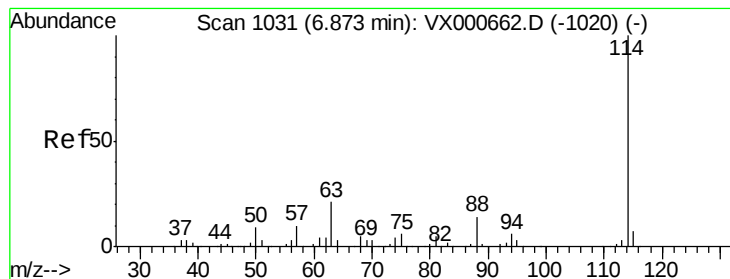
65 100

67 50.3 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

PB107957TB

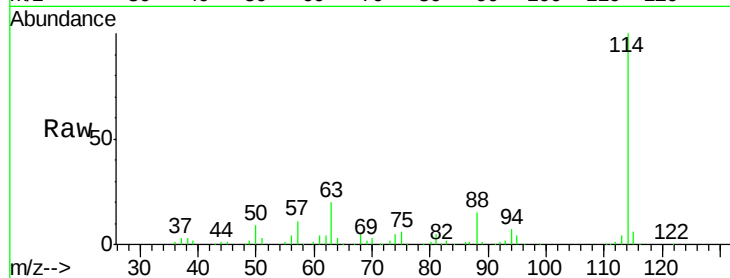
Tgt Ion:114 Resp: 150236

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

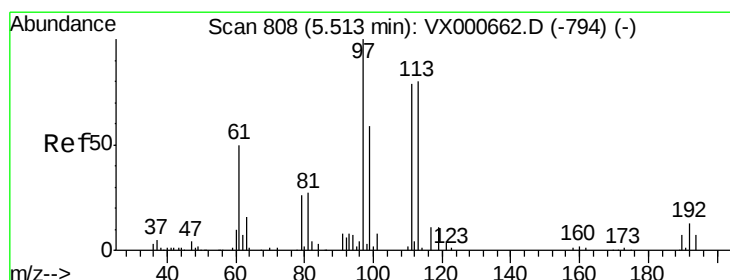
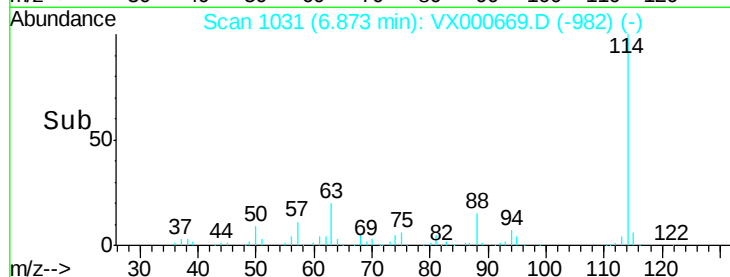
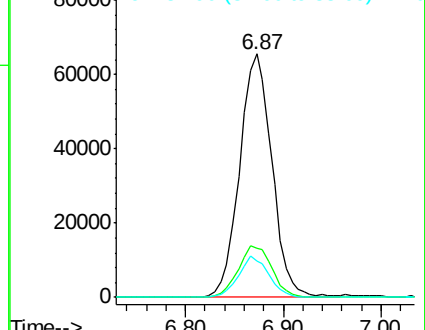
88 15.0 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.78 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

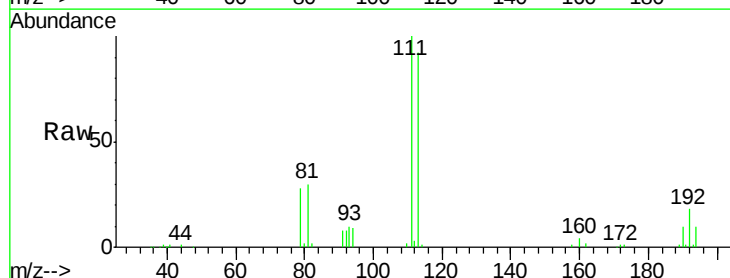
Tgt Ion:113 Resp: 47977

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

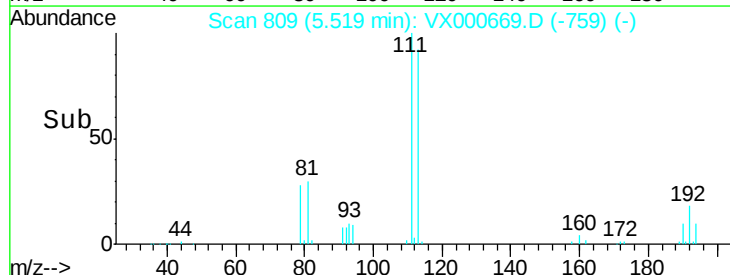
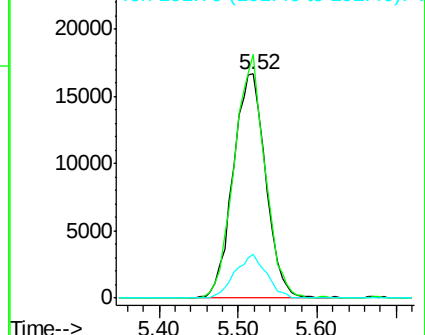
192 18.8 14.3 21.5

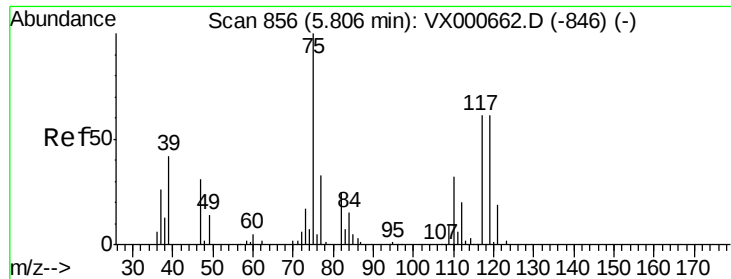


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

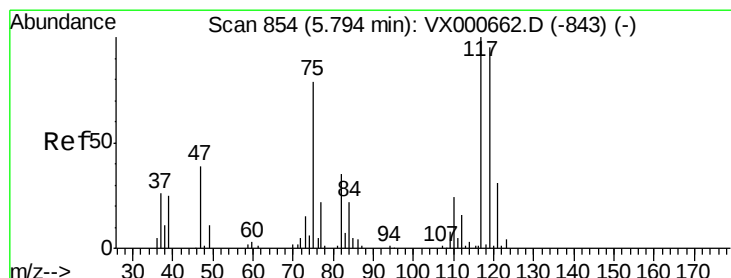
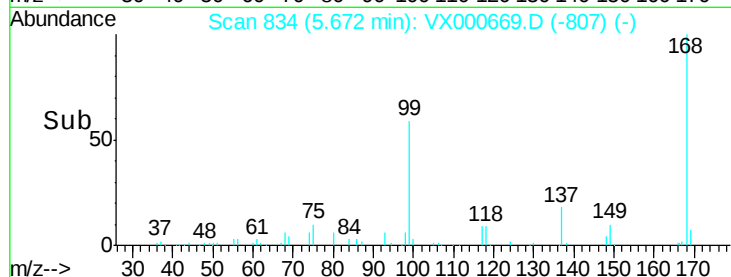
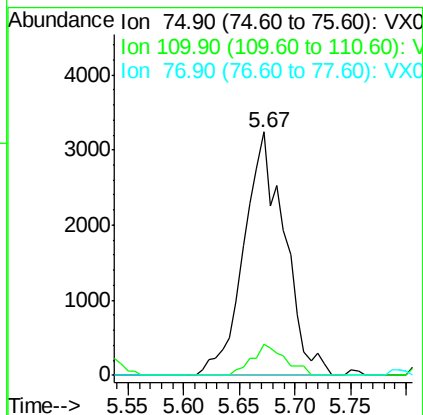
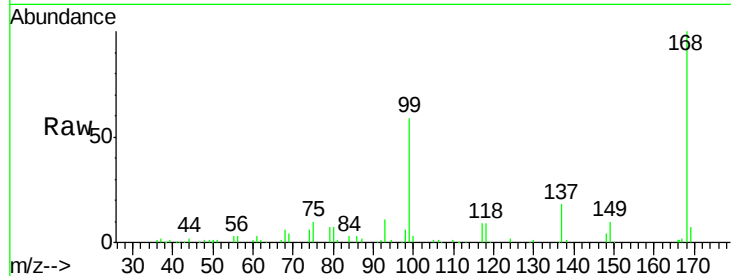




#36
 1,1-Dichloropropene
 Concen: 5.89 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000669.D
 Acq: 04 Apr 2018 20:52

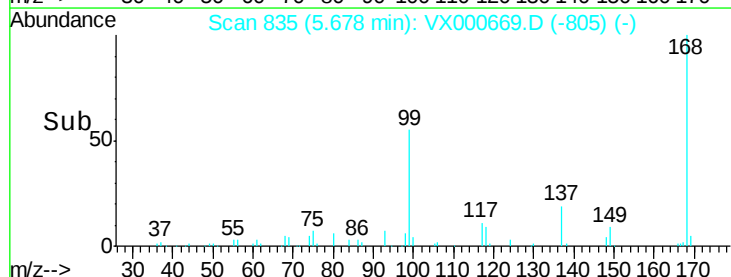
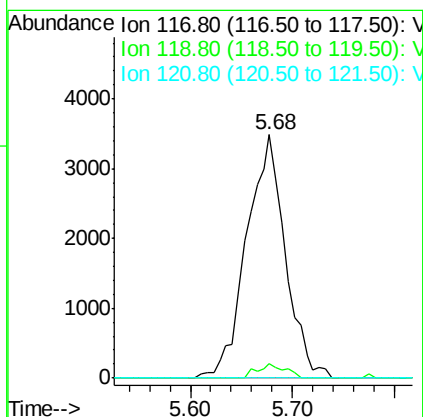
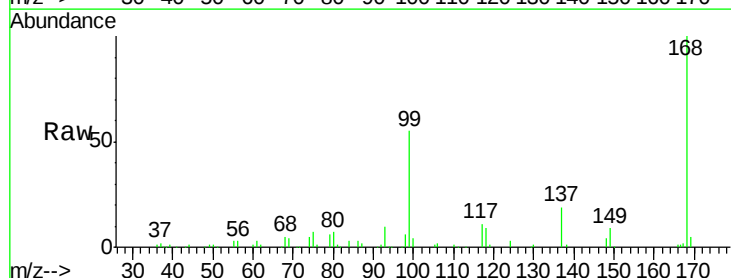
Instrument :
 MSVOA_X
 ClientSampleId :
 PB107957TB

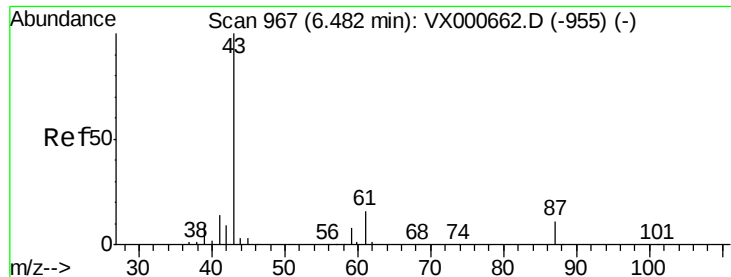
Tgt Ion: 75 Resp: 8204
 Ion Ratio Lower Upper
 75 100
 110 10.4 16.3 48.9#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.84 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000669.D
 Acq: 04 Apr 2018 20:52

Tgt Ion: 117 Resp: 9173
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.1 114.1#
 121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 0.52 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

PB107957TB

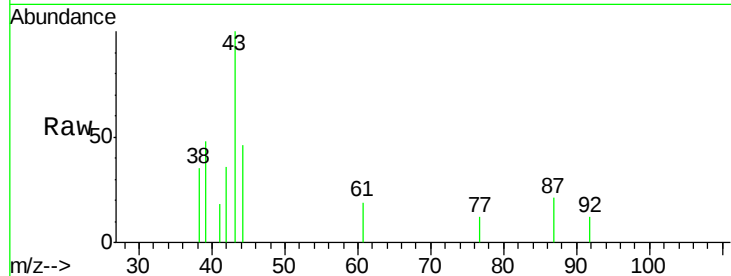
Tgt Ion: 43 Resp: 1609

Ion Ratio Lower Upper

43 100

61 6.1 13.4 20.2#

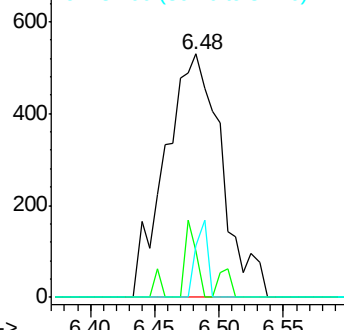
87 6.3 9.4 14.0#



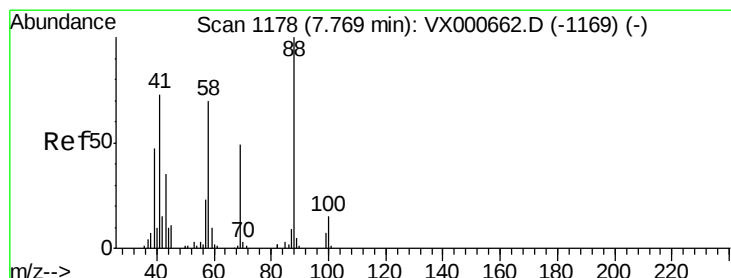
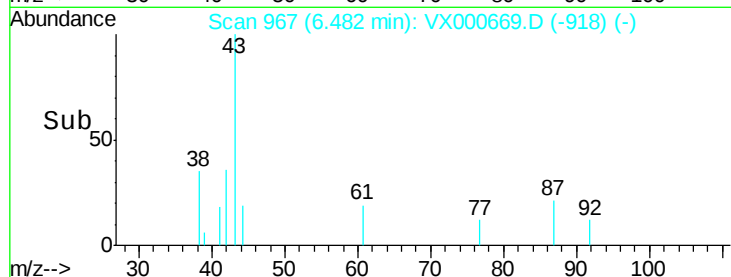
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#49

1,4-Dioxane

Concen: 0.57 ug/l

RT: 7.51 min Scan# 1136

Delta R.T. -0.26 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

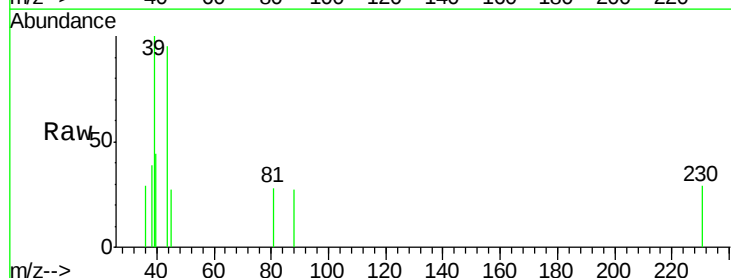
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 29.4 44.0#

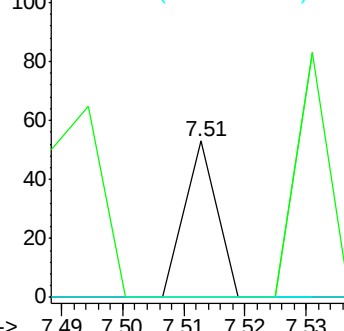
58 0.0 53.4 80.0#



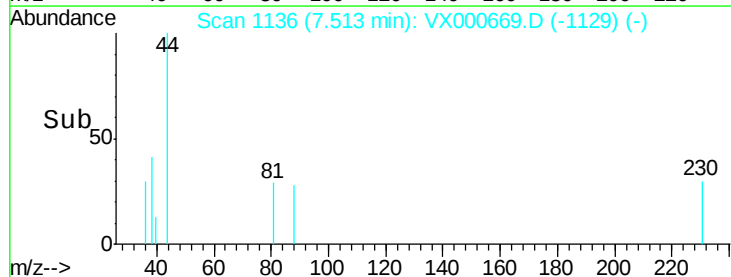
Abundance Ion 88.00 (87.70 to 88.70): VX0

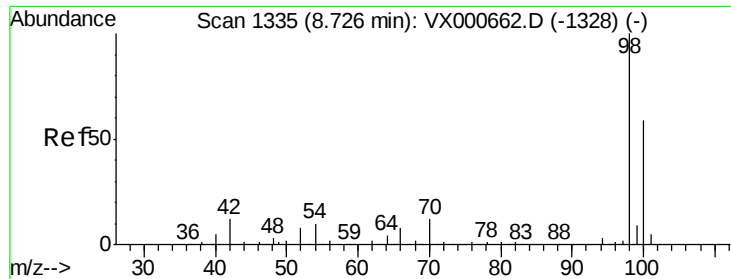
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#50

Toluene-d8

Concen: 44.11 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

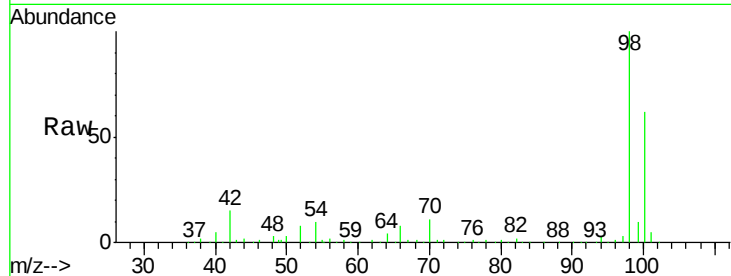
PB107957TB

Tgt Ion: 98 Resp: 192370

Ion Ratio Lower Upper

98 100

100 62.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

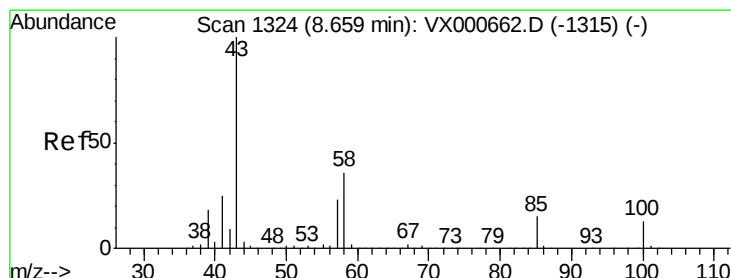
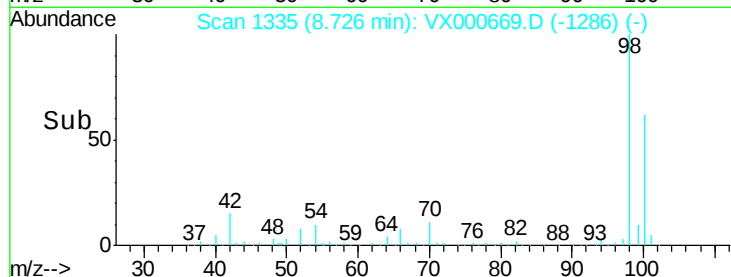
8.73

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.21 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000669.D

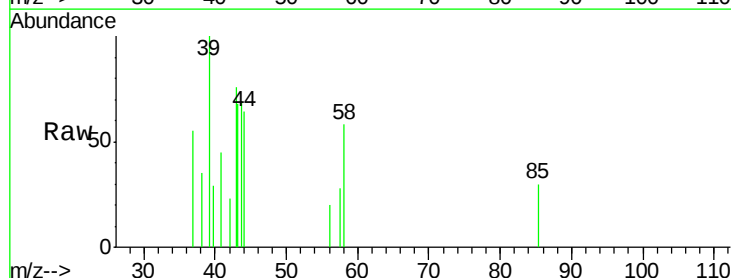
Acq: 04 Apr 2018 20:52

Tgt Ion: 43 Resp: 518

Ion Ratio Lower Upper

43 100

58 50.4 28.2 42.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

400

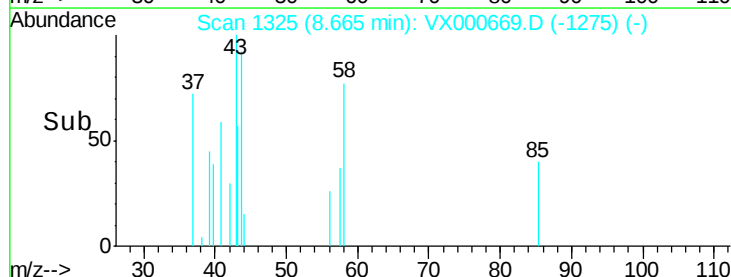
300

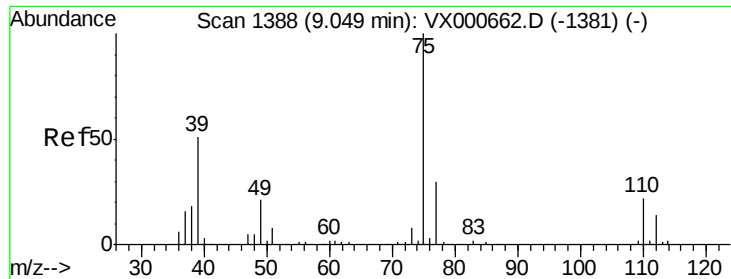
200

100

0

Time-->

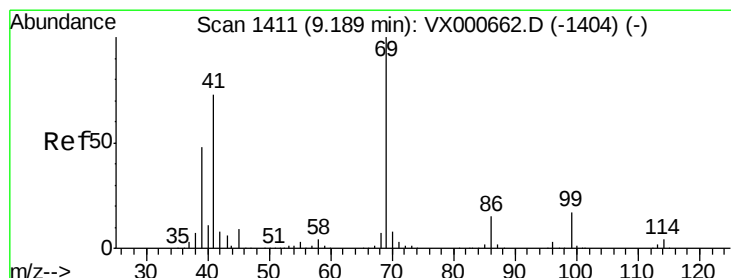
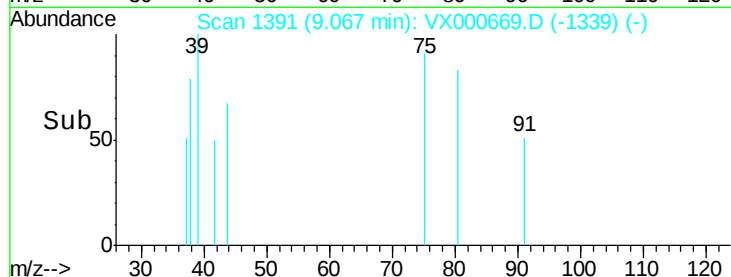
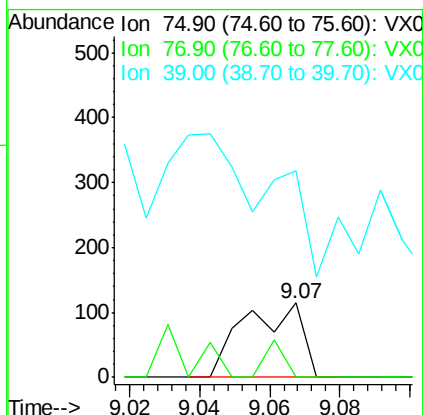
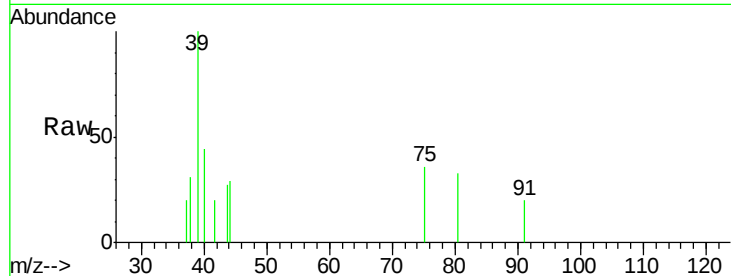




#54
 cis-1,3-Dichloropropene
 Concen: 4.23 ug/l
 RT: 9.07 min Scan# 1391
 Delta R.T. 0.02 min
 Lab File: VX000669.D
 Acq: 04 Apr 2018 20:52

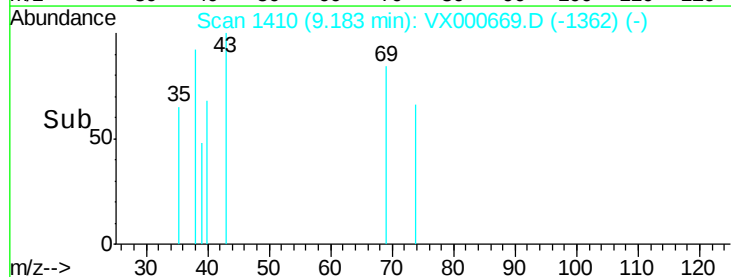
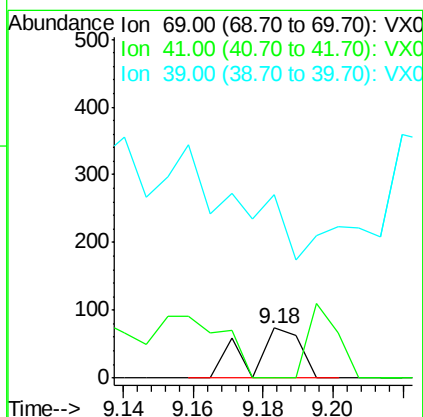
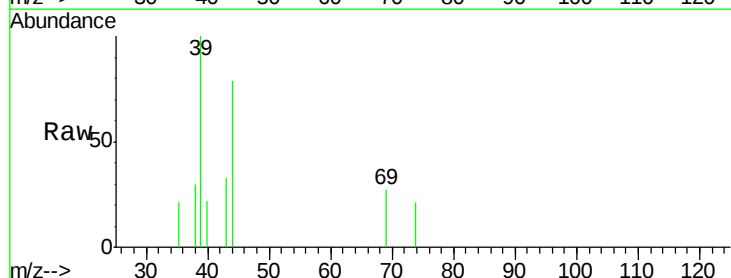
Instrument :
 MSVOA_X
 ClientSampleID :
 PB107957TB

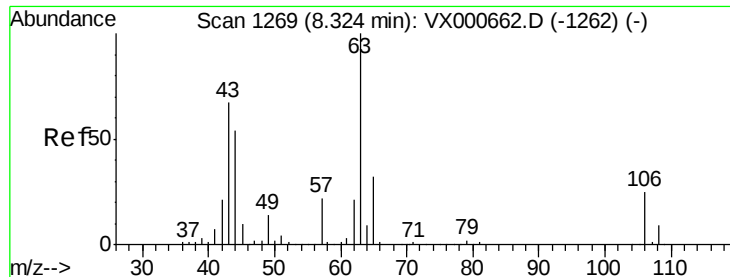
Tgt Ion: 75 Resp: 133
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.1 36.1#
 39 60.9 40.7 61.1



#56
 Ethyl methacrylate
 Concen: 4.35 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX000669.D
 Acq: 04 Apr 2018 20:52

Tgt Ion: 69 Resp: 72
 Ion Ratio Lower Upper
 69 100
 41 88.9 56.5 84.7#
 39 0.0 39.8 59.8#

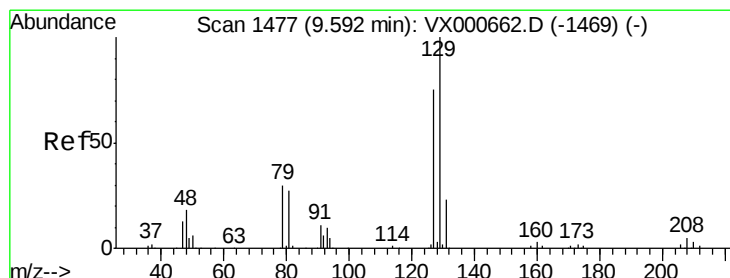
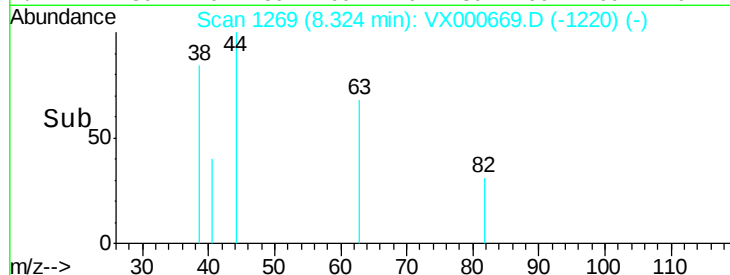
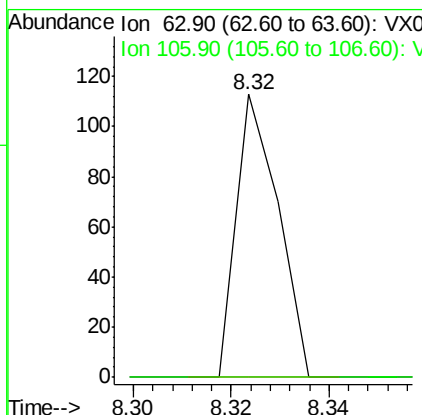
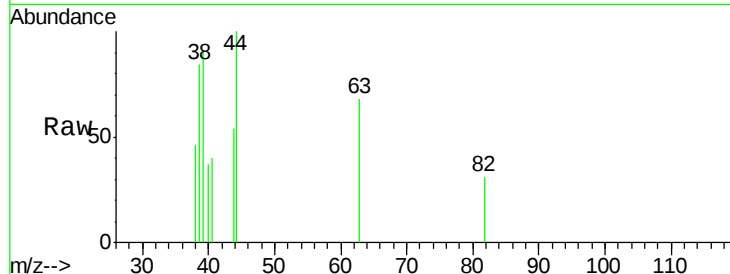




#58
 2-Chloroethyl Vinyl ether
 Concen: 15.62 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000669.D
 Acq: 04 Apr 2018 20:52

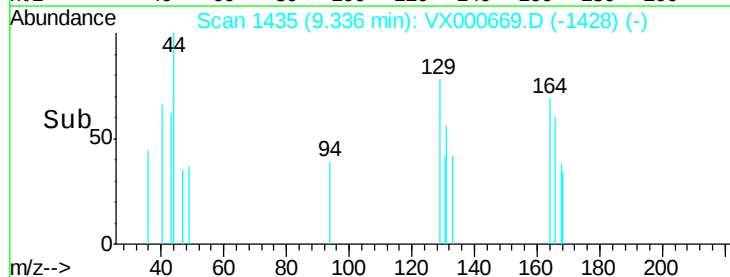
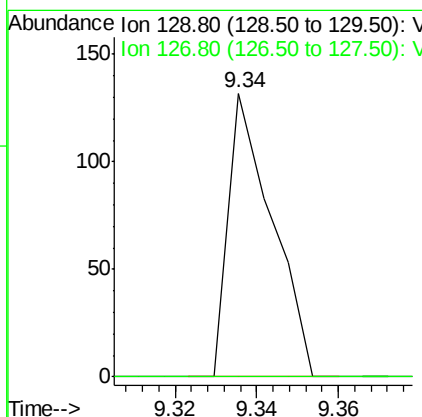
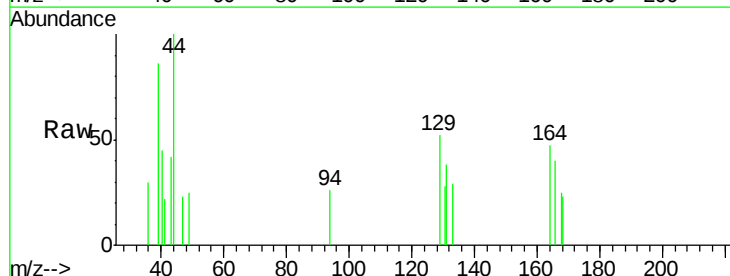
Instrument :
 MSVOA_X
 ClientSampleId :
 PB107957TB

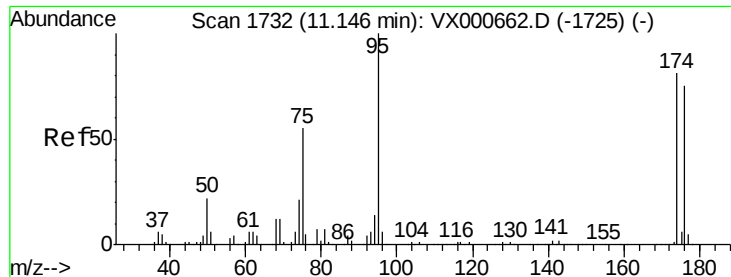
Tgt Ion: 63 Resp: 67
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.5 30.7#



#60
 Dibromochloromethane
 Concen: 4.57 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.26 min
 Lab File: VX000669.D
 Acq: 04 Apr 2018 20:52

Tgt Ion: 129 Resp: 98
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.7 116.1#





#62

4-Bromofluorobenzene

Concen: 38.90 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

PB107957TB

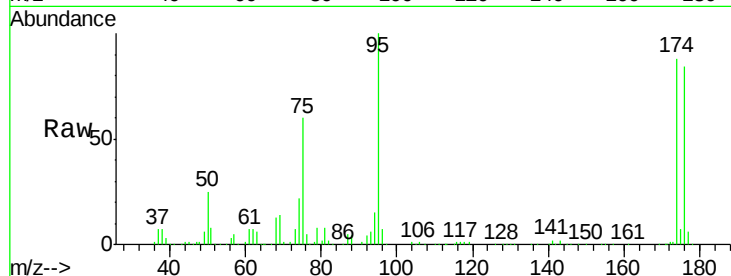
Tgt Ion: 95 Resp: 67148

Ion Ratio Lower Upper

95 100

174 84.1 0.0 156.8

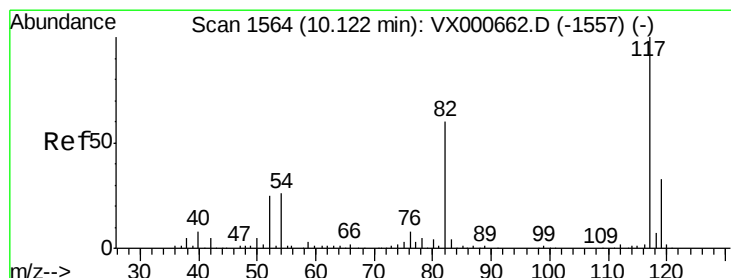
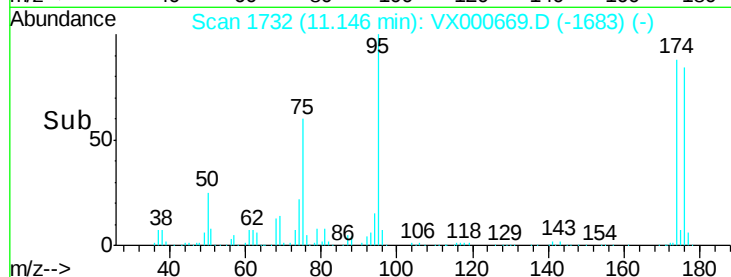
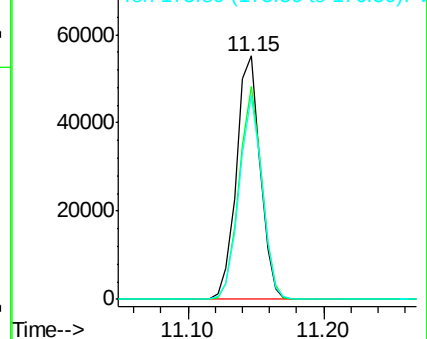
176 80.8 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VX000669.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000669.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000669.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

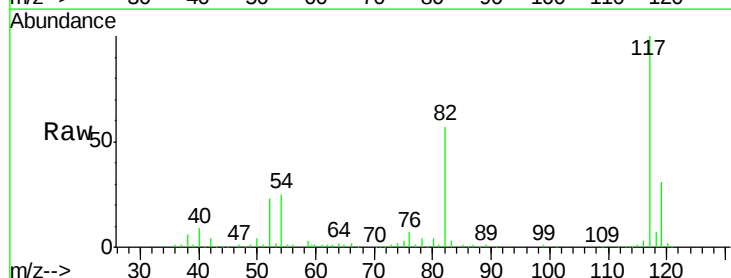
Tgt Ion: 117 Resp: 148336

Ion Ratio Lower Upper

117 100

82 57.1 48.3 72.5

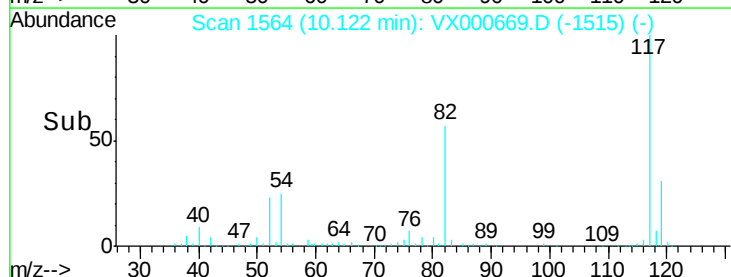
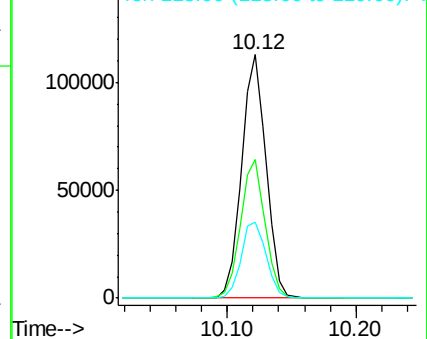
119 31.4 26.0 39.0

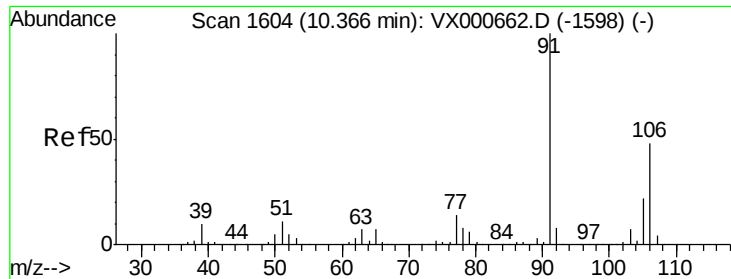


Abundance Ion 116.90 (116.60 to 117.60): VX000669.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000669.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000669.D (-1515) (-)

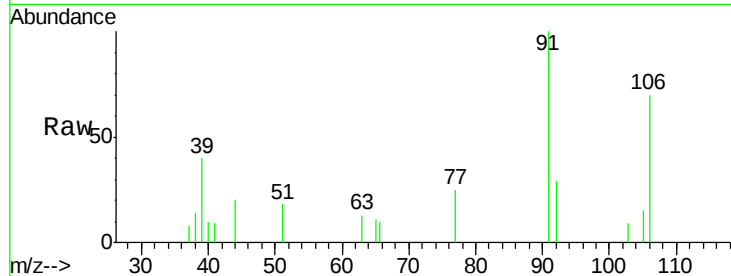




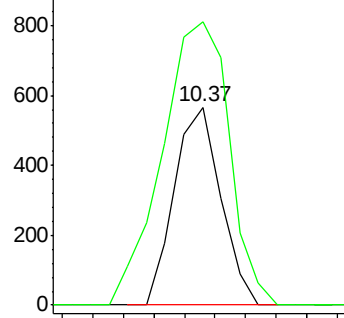
#68
m/p-Xylenes
Concen: 0.30 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000669.D
Acq: 04 Apr 2018 20:52

Instrument :
MSVOA_X
ClientSampleId :
PB107957TB

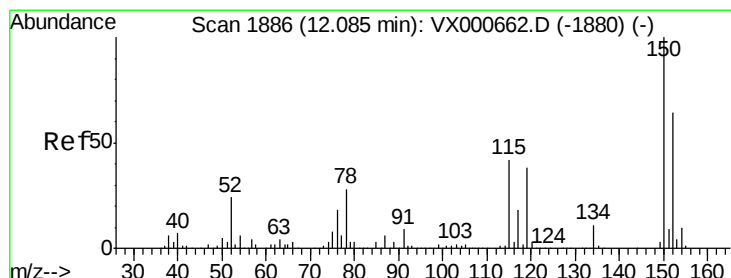
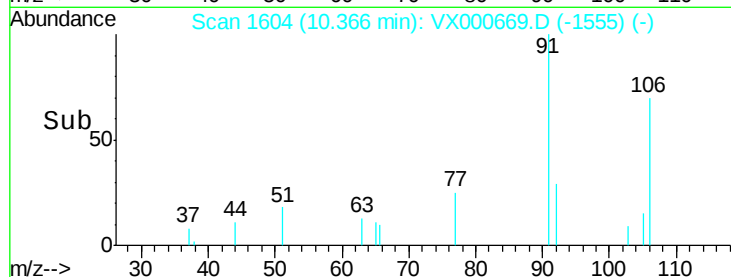
Tgt Ion:106 Resp: 595
Ion Ratio Lower Upper
106 100
91 207.2 167.0 250.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

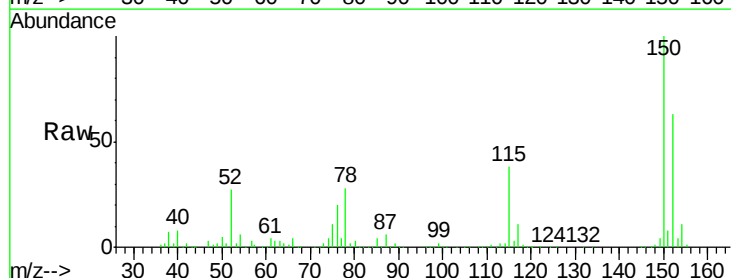


Time-->

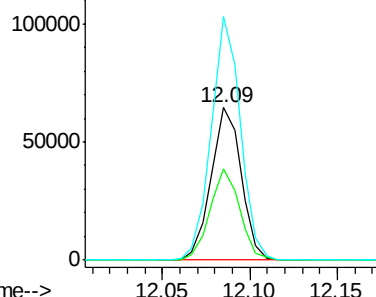


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000669.D
Acq: 04 Apr 2018 20:52

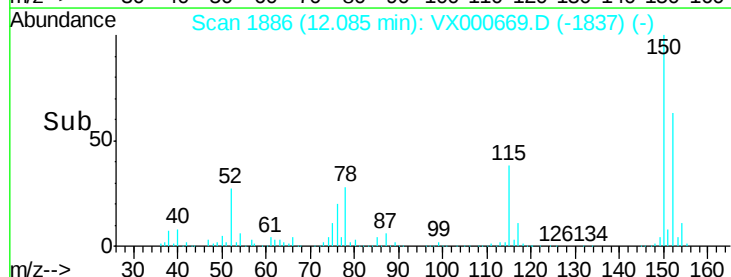
Tgt Ion:152 Resp: 77426
Ion Ratio Lower Upper
152 100
115 59.0 41.9 125.8
150 153.9 0.0 348.0

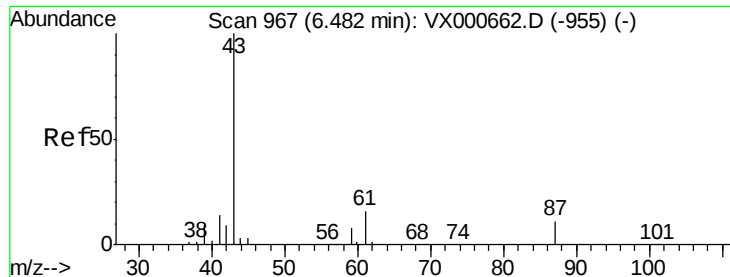


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





#74

N-ethyl acetate

Concen: 0.64 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

MSVOA_X

ClientSampled :

PB107957TB

Tgt Ion: 43 Resp: 1609

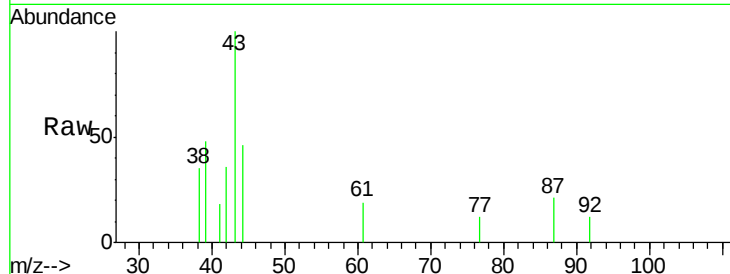
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 6.1 13.4 20.2#

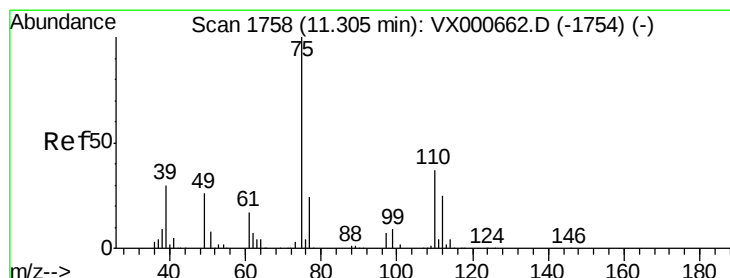
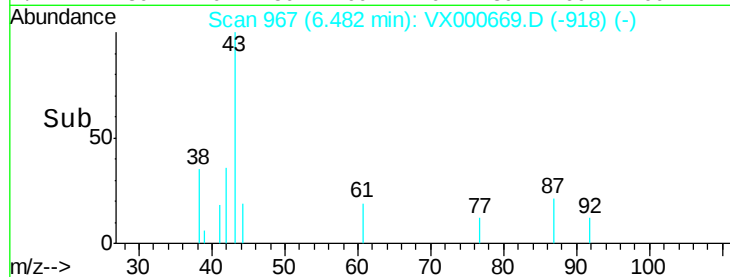
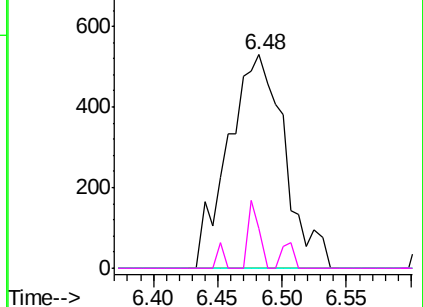


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 24.51 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000669.D

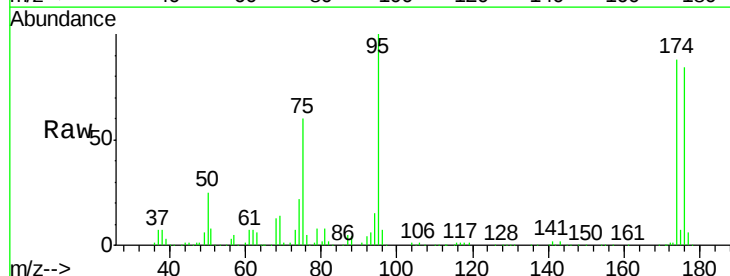
Acq: 04 Apr 2018 20:52

Tgt Ion: 75 Resp: 41397

Ion Ratio Lower Upper

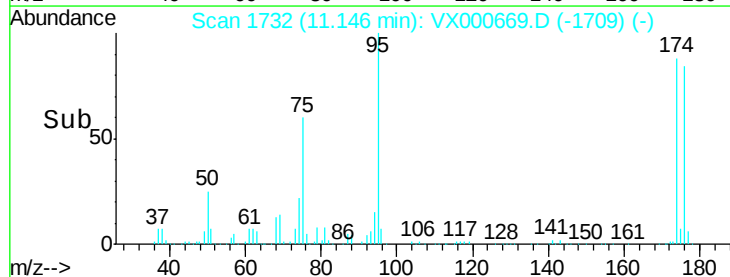
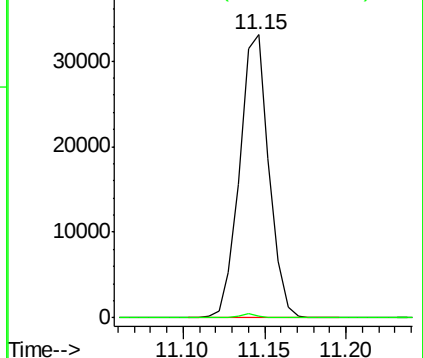
75 100

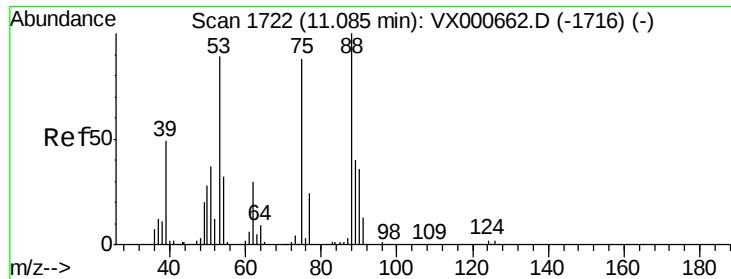
77 1.0 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 87.90 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000669.D

Acq: 04 Apr 2018 20:52

Instrument :

MSVOA_X

ClientSampleId :

PB107957TB

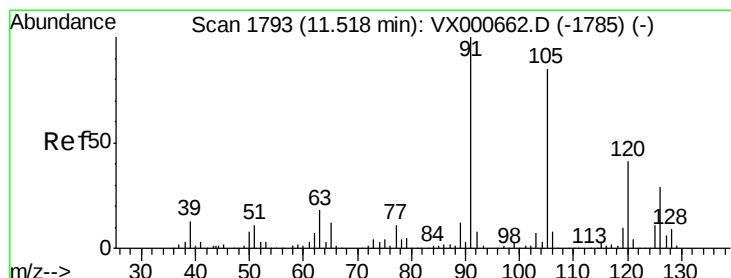
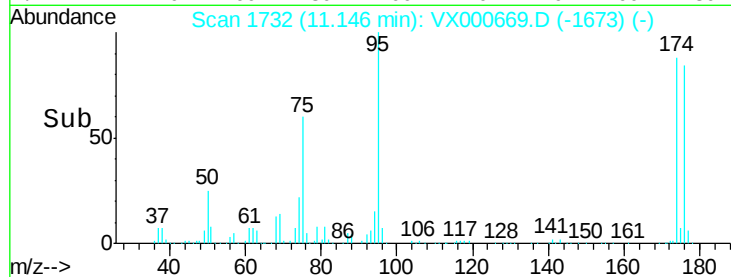
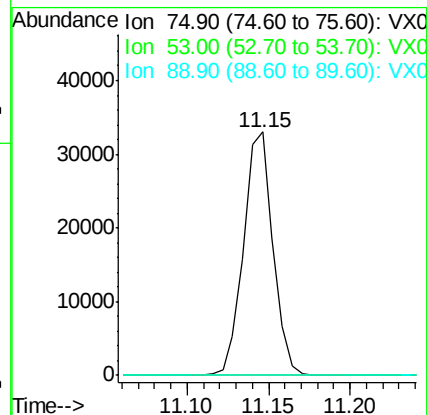
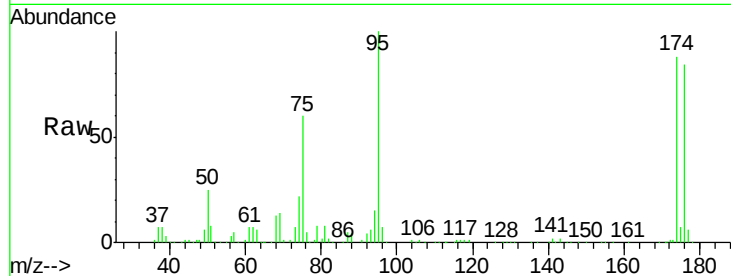
Tgt Ion: 75 Resp: 41397

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.1 36.3 54.5#



#82

4-Chlorotoluene

Concen: 0.21 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000669.D

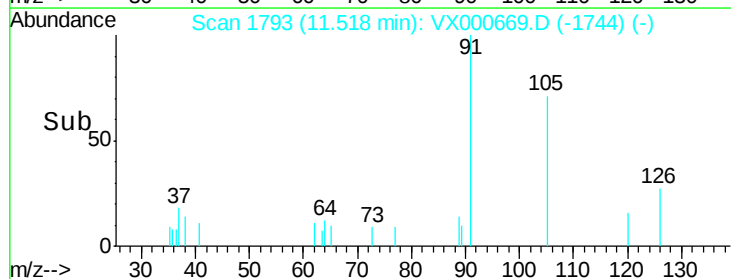
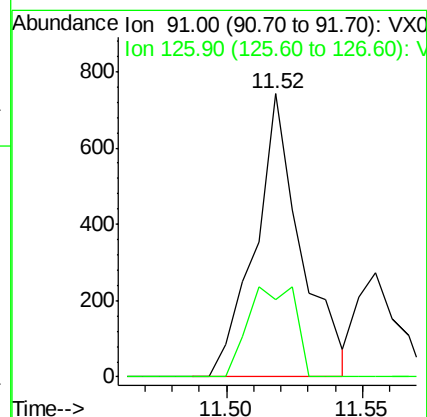
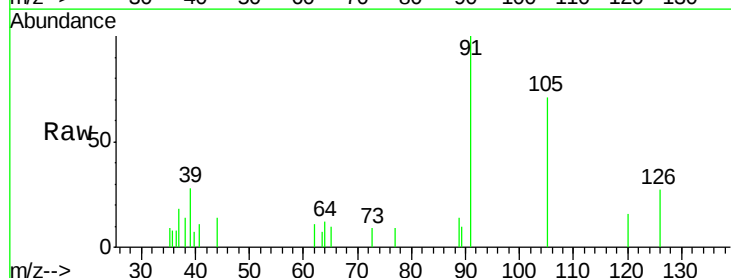
Acq: 04 Apr 2018 20:52

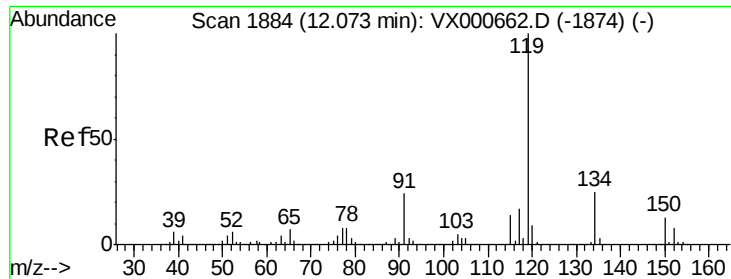
Tgt Ion: 91 Resp: 864

Ion Ratio Lower Upper

91 100

126 33.1 14.8 44.3

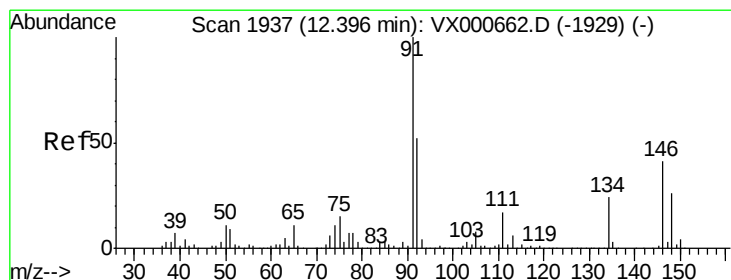
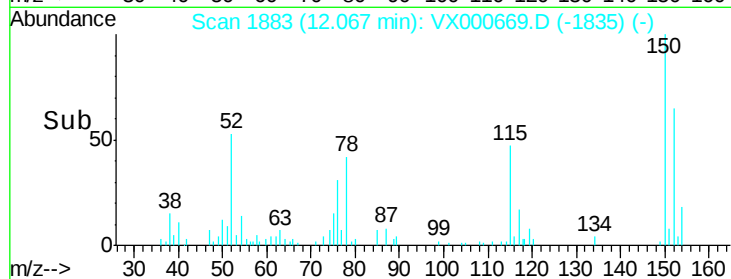
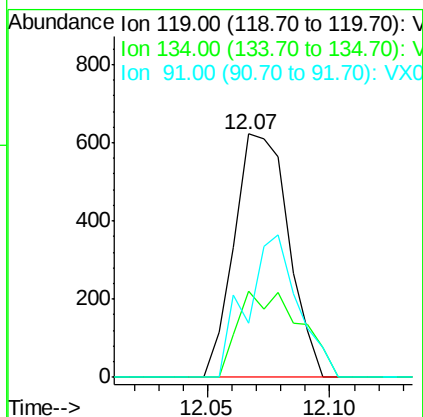
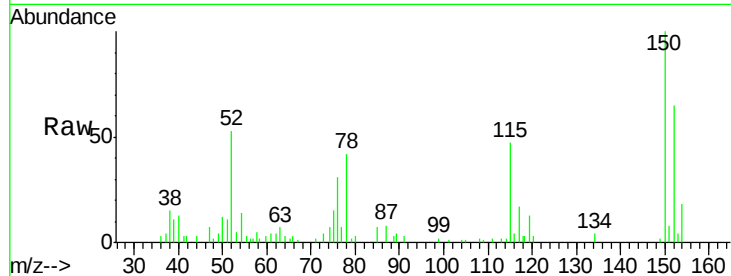




#86
p-Isopropyltoluene
Concen: 0.22 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX000669.D
Acq: 04 Apr 2018 20:52

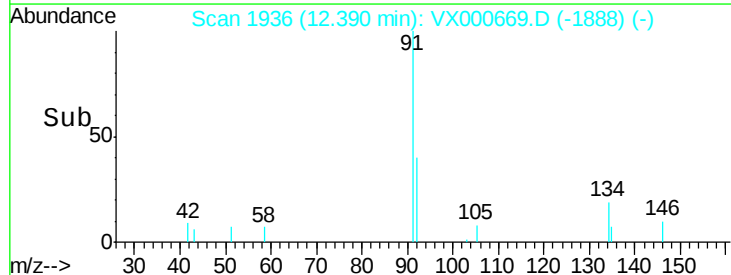
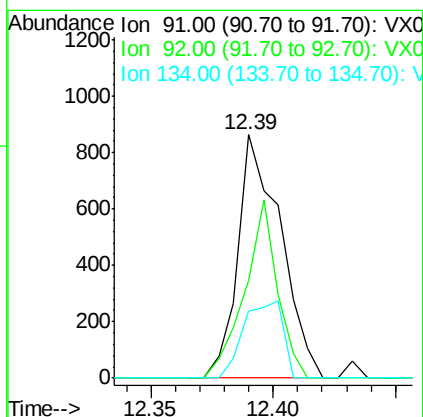
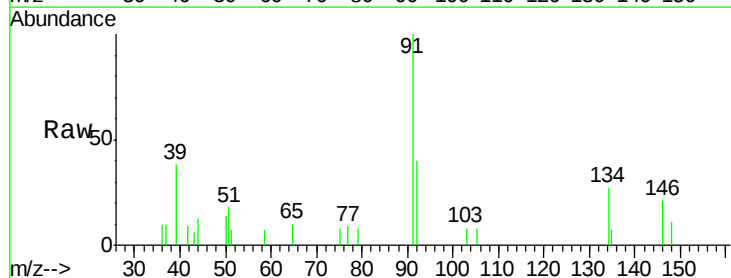
Instrument :
MSVOA_X
ClientSampleId :
PB107957TB

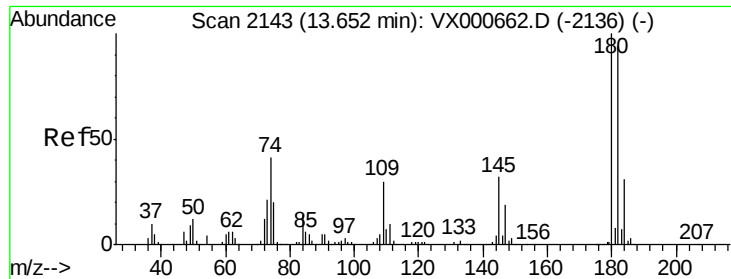
Tgt Ion: 119 Resp: 961
Ion Ratio Lower Upper
119 100
134 40.9 12.9 38.6#
91 55.8 12.6 37.6#



#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX000669.D
Acq: 04 Apr 2018 20:52

Tgt Ion: 91 Resp: 1050
Ion Ratio Lower Upper
91 100
92 56.3 25.9 77.8
134 29.0 12.2 36.6

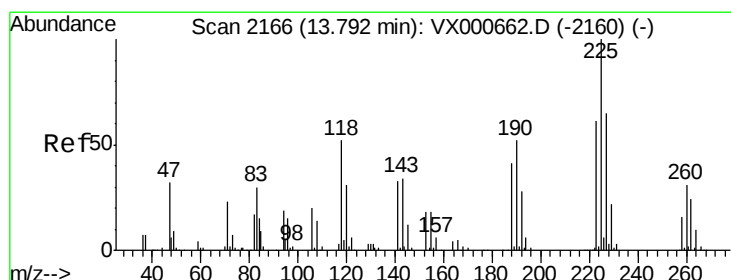
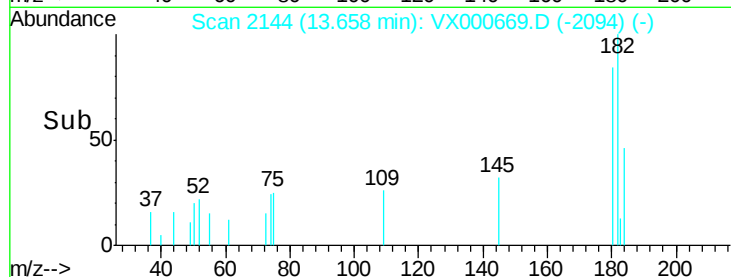
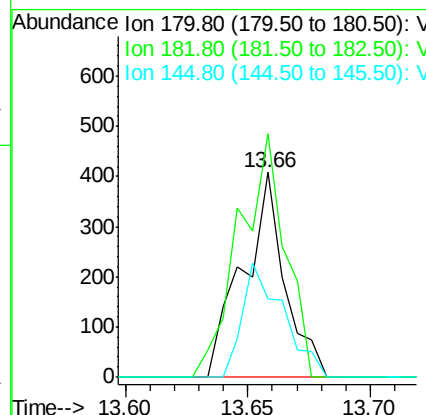
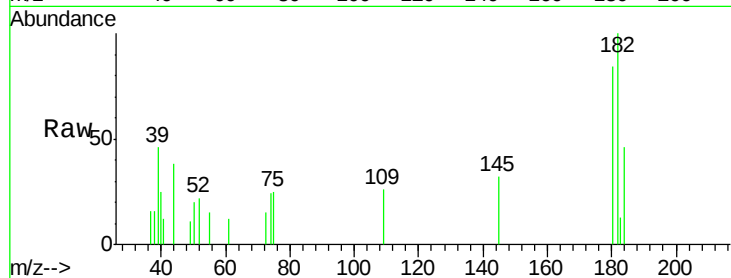




#93
 1,2,4-Trichlorobenzene
 Concen: 0.30 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000669.D
 Acq: 04 Apr 2018 20:52

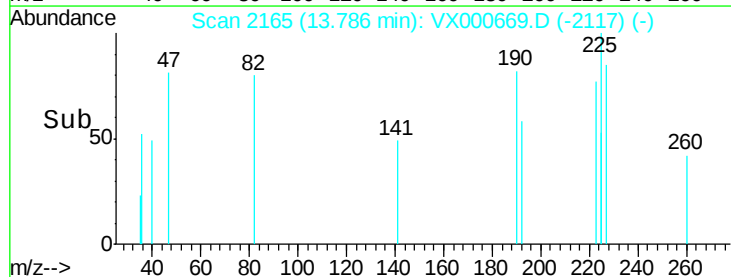
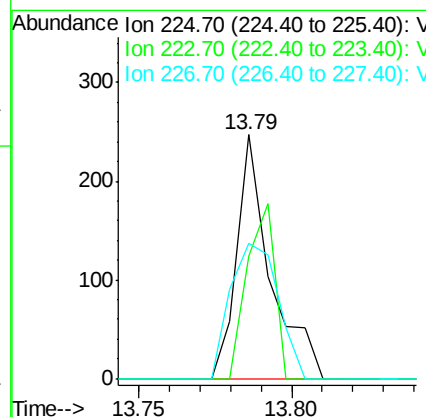
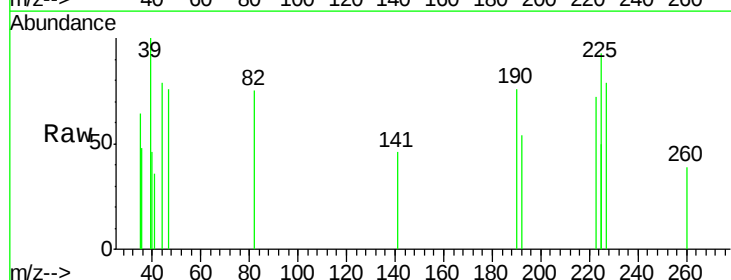
Instrument :
 MSVOA_X
 ClientSampled :
 PB107957TB

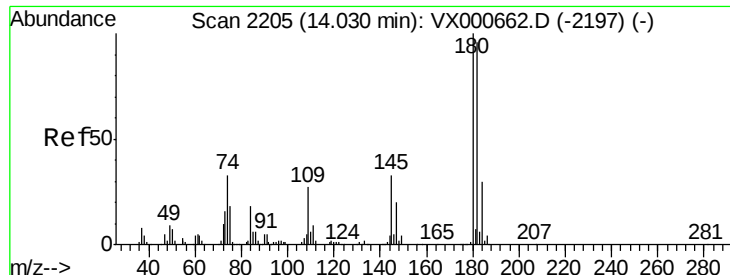
Tgt Ion:180 Resp: 486
 Ion Ratio Lower Upper
 180 100
 182 130.7 47.4 142.2
 145 54.1 14.8 44.3#



#94
 Hexachlorobutadiene
 Concen: 0.31 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VX000669.D
 Acq: 04 Apr 2018 20:52

Tgt Ion:225 Resp: 188
 Ion Ratio Lower Upper
 225 100
 223 58.5 31.4 94.0
 227 78.2 32.7 98.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.22 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: VX000669.D
 Acq: 04 Apr 2018 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 PB107957TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.8	47.2	141.6
145	29.0	16.8	50.4

