

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
 Data File : VX008752.D
 Acq On : 08 Apr 2019 17:59
 Operator : JC/SP
 Sample : PB118670TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB118670TB

Quant Time: Apr 09 06:46:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	255565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	123982	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	91841	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.71	98	368044	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	11.14	95	122876	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	586	Below Cal	#	88
5) Bromomethane	1.64	94	839	2.475	ug/l	90
6) Chloroethane	1.76	64	200	Below Cal	#	43
8) Diethyl Ether	2.19	74	347	0.238	ug/l	73
10) Methyl Iodide	2.51	142	729	4.375	ug/l	# 94
11) Tert butyl alcohol	3.06	59	709	1.162	ug/l	96
13) Acrolein	2.29	56	263	0.869	ug/l	# 1
15) Acrylonitrile	3.14	53	955	0.591	ug/l	94
16) Acetone	2.45	43	10303	6.862	ug/l	97
17) Carbon Disulfide	2.57	76	2804	Below Cal		99
18) Methyl Acetate	2.78	43	1904	0.523	ug/l	97
20) Methylene Chloride	2.85	84	6441	2.563	ug/l	97
25) 2-Butanone	4.69	43	2879	1.213	ug/l	93
28) Bromochloromethane	5.02	49	381	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	2271	1.442	ug/l	93
38) Carbon Tetrachloride	5.66	117	17183	6.386	ug/l	# 16
43) Isopropyl Acetate	6.45	43	13461	1.980	ug/l	96
44) Trichloroethene	7.22	130	467	0.207	ug/l	96
48) Methyl methacrylate	7.68	41	8066	2.346	ug/l	# 18
49) 1,4-Dioxane	7.76	88	111	1.723	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.62	43	97981	22.392	ug/l	# 51
54) cis-1,3-Dichloropropene	8.62	75	42296	10.932	ug/l	# 57
57) 1,3-Dichloropropane	9.54	76	9400	2.284	ug/l	# 44
59) 2-Hexanone	9.54	43	150230	44.178	ug/l	# 52
64) Tetrachloroethene	9.34	164	1086	0.574	ug/l	91
68) m/p-Xylenes	10.36	106	762	0.201	ug/l	98
74) N-amyl acetate	10.69	43	15783	3.081	ug/l	# 56
76) 1,2,3-Trichloropropane	11.13	75	61945	21.462	ug/l	# 34
80) 1,3,5-Trimethylbenzene	11.51	105	6555	0.897	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	61945	59.162	ug/l	# 9
82) 4-Chlorotoluene	11.51	91	1642	0.231	ug/l	79
87) 1,3-Dichlorobenzene	12.03	146	759	0.203	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	759	0.200	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	799	0.309	ug/l	94

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Instrument :
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

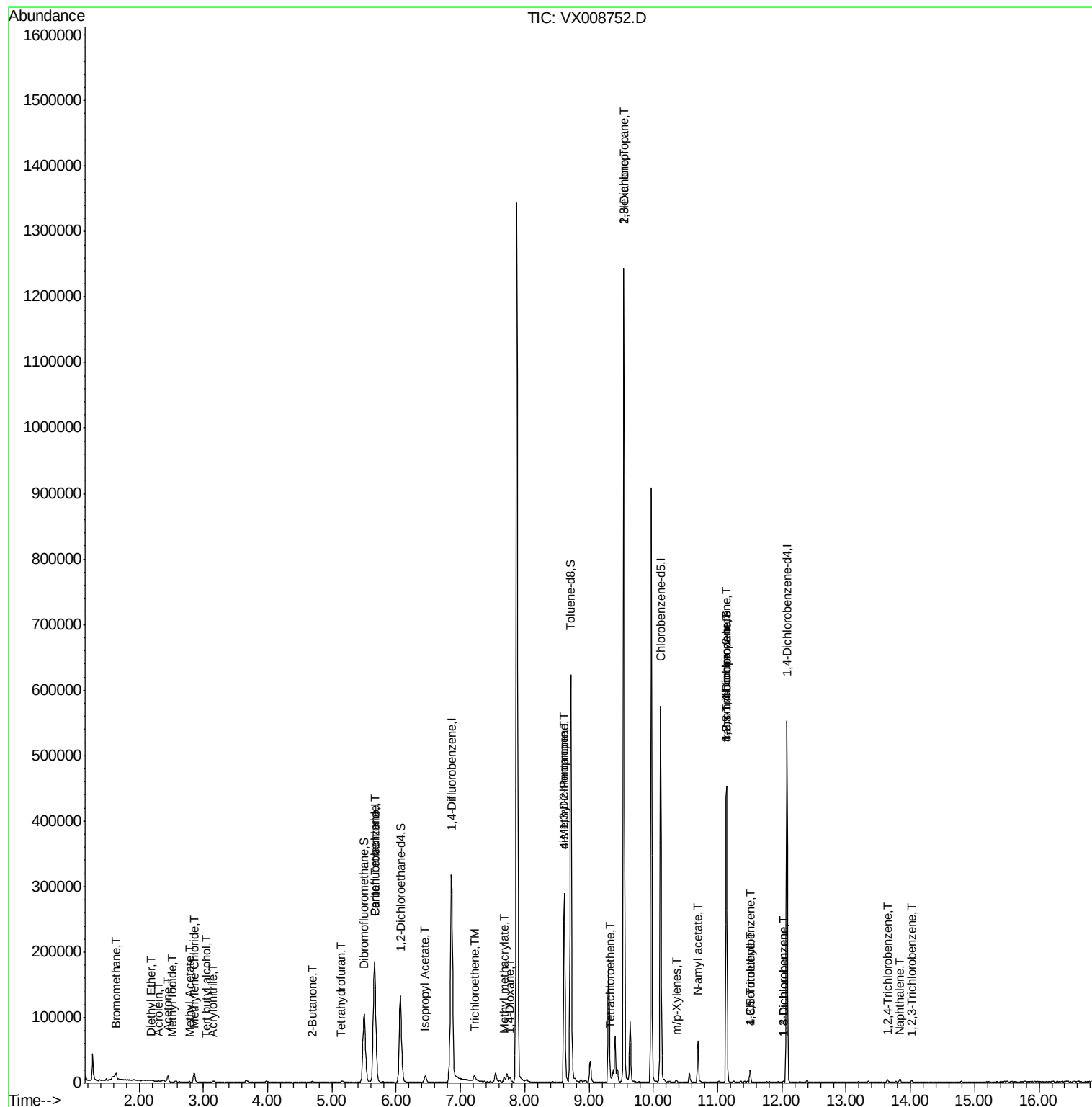
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	2569	0.297	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.02	180	578	0.224	ug/l	75

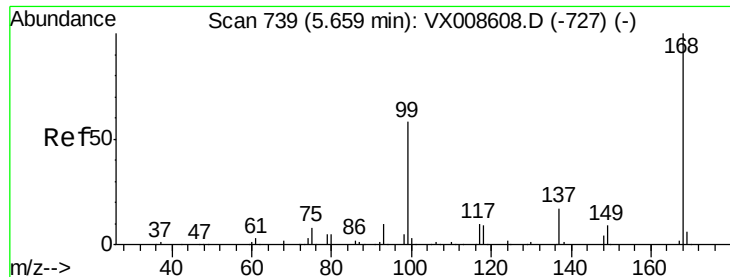
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

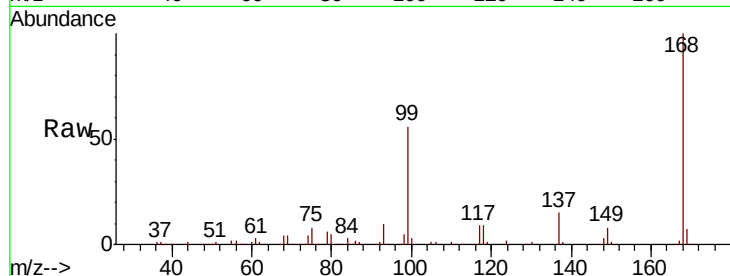
PB118670TB

Tot Ion:168 Resp: 178721

Ion Ratio Lower Upper

168 100

99 55.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

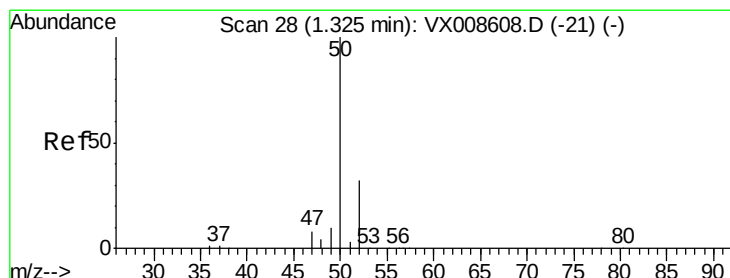
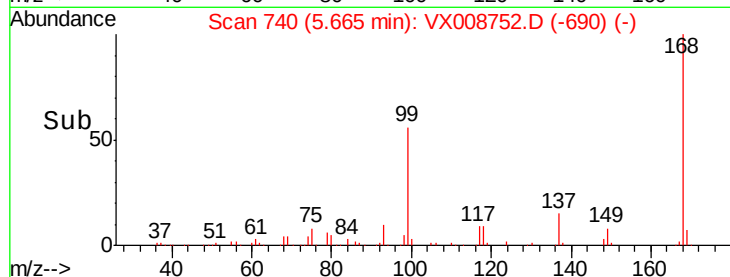
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008752.D

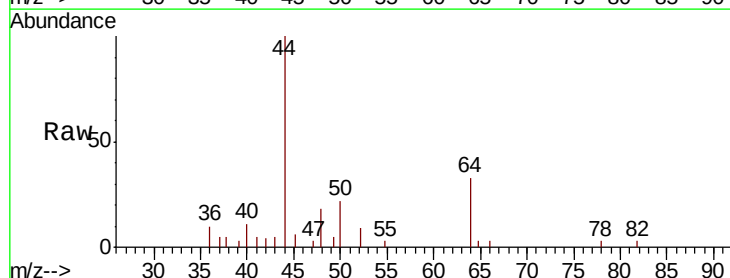
Acq: 08 Apr 2019 17:59

Tgt Ion: 50 Resp: 586

Ion Ratio Lower Upper

50 100

52 39.2 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

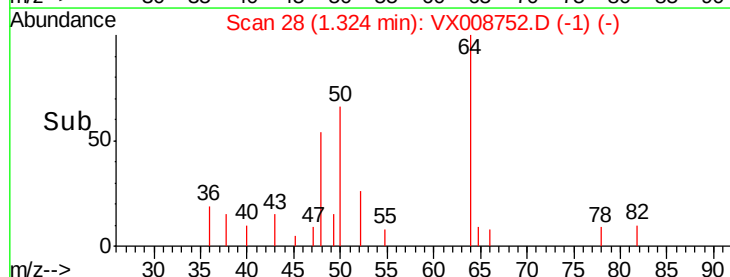
400

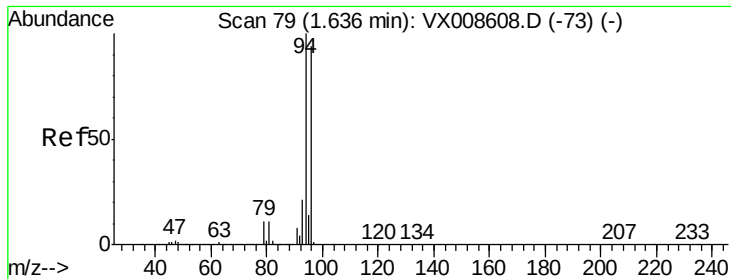
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 2.475 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

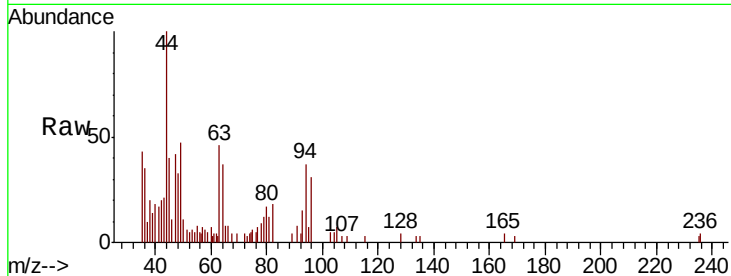
PB118670TB

Tot Ion: 94 Resp: 839

Ion Ratio Lower Upper

94 100

96 84.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

600

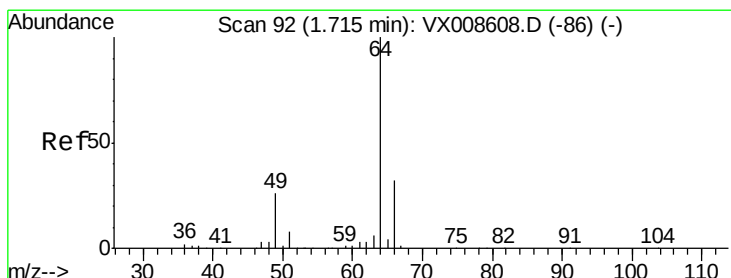
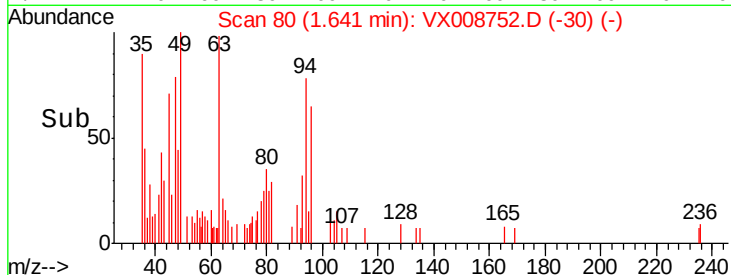
400

200

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.76 min Scan# 100

Delta R.T. 0.05 min

Lab File: VX008752.D

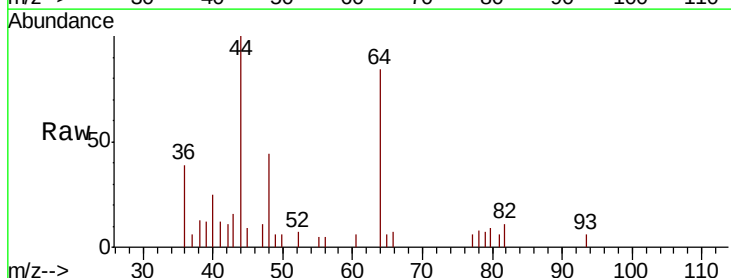
Acq: 08 Apr 2019 17:59

Tgt Ion: 64 Resp: 200

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1000

800

600

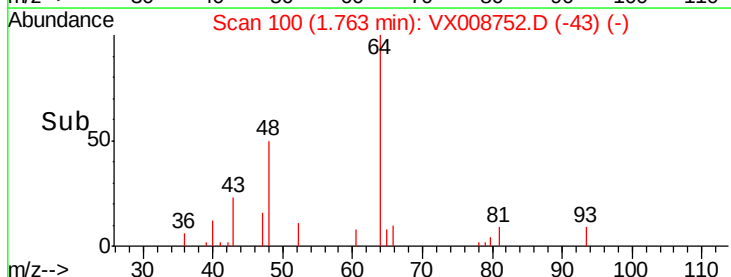
400

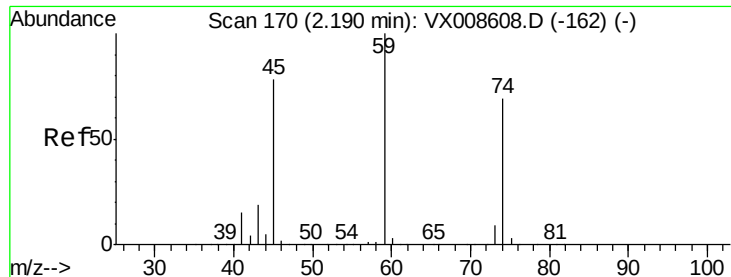
200

0

1.74 1.76 1.78 1.80

Time-->





#8

Diethyl Ether

Concen: 0.238 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

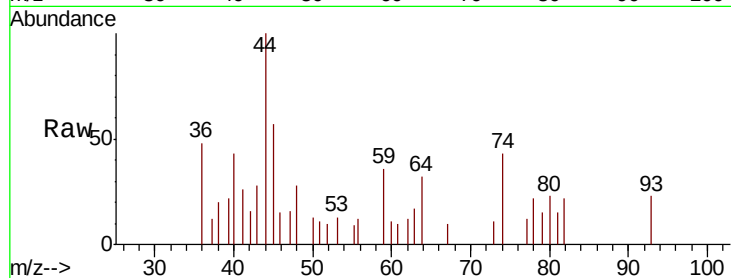
PB118670TB

Tot Ion: 74 Resp: 347

Ion Ratio Lower Upper

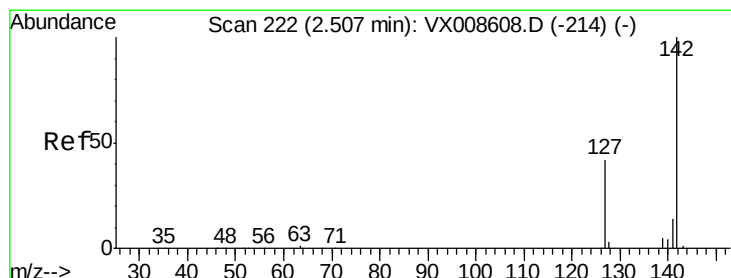
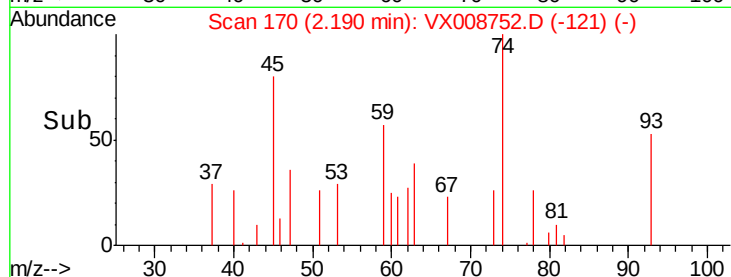
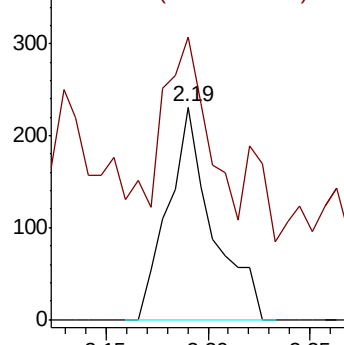
74 100

45 84.1 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 4.375 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

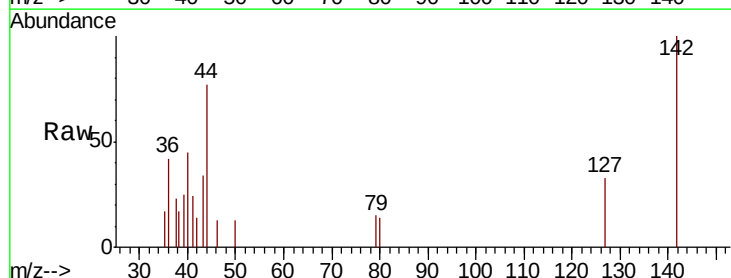
Tgt Ion:142 Resp: 729

Ion Ratio Lower Upper

142 100

127 43.8 33.0 49.6

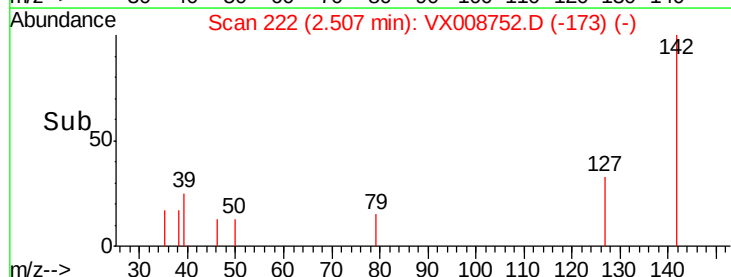
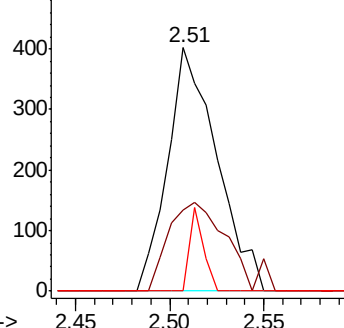
141 9.7 11.4 17.2#

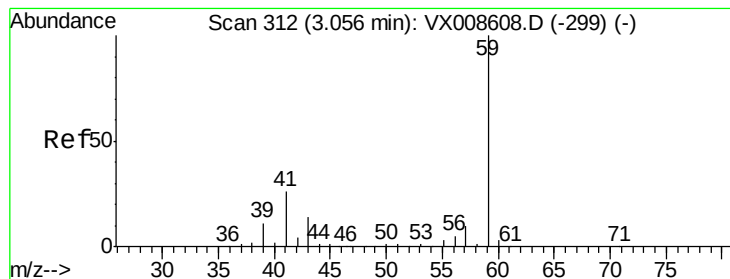


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 1.162 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

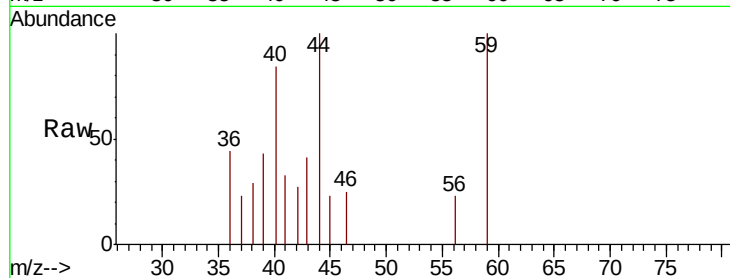
PB118670TB

Tot Ion: 59 Resp: 709

Ion Ratio Lower Upper

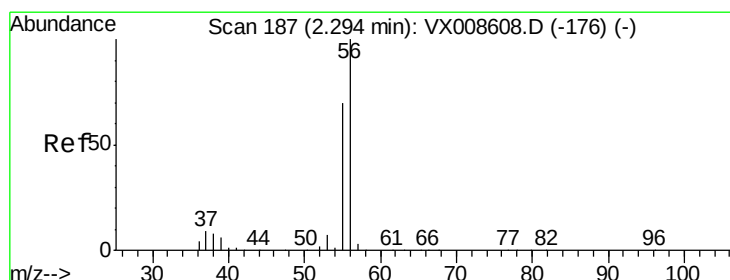
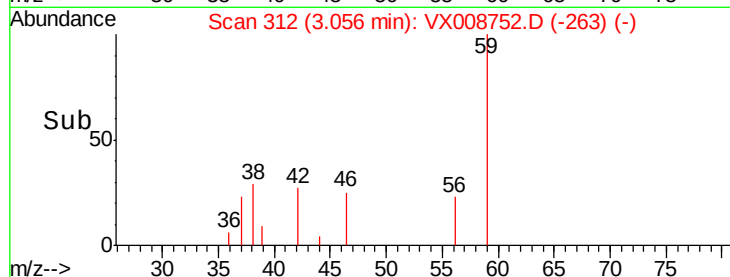
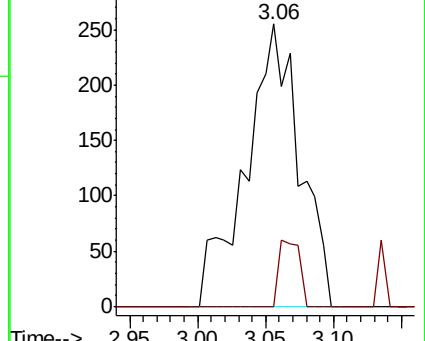
59 100

57 8.9 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 0.869 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008752.D

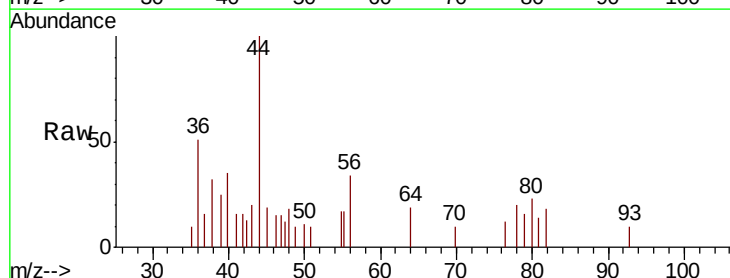
Acq: 08 Apr 2019 17:59

Tgt Ion: 56 Resp: 263

Ion Ratio Lower Upper

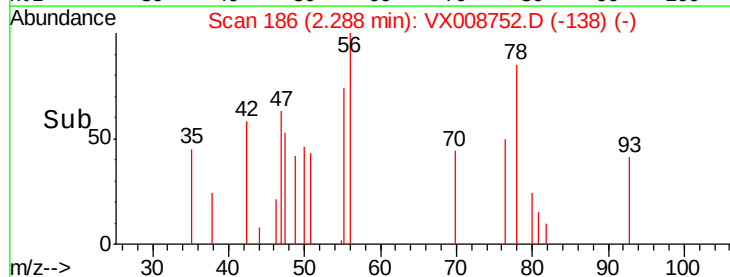
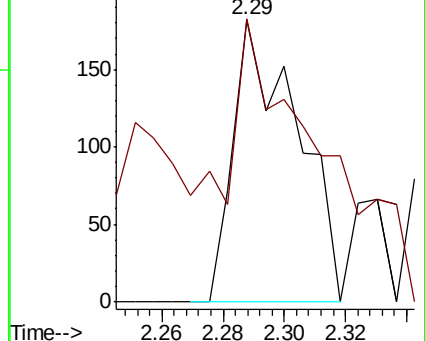
56 100

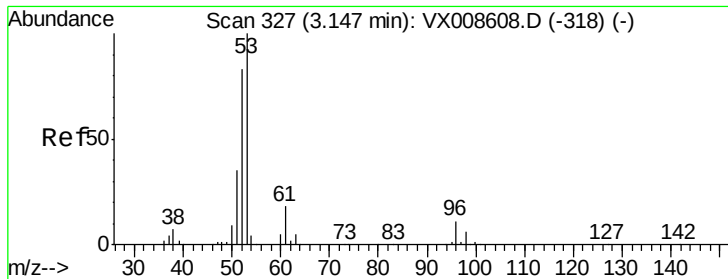
55 156.7 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.591 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampled :

PB118670TB

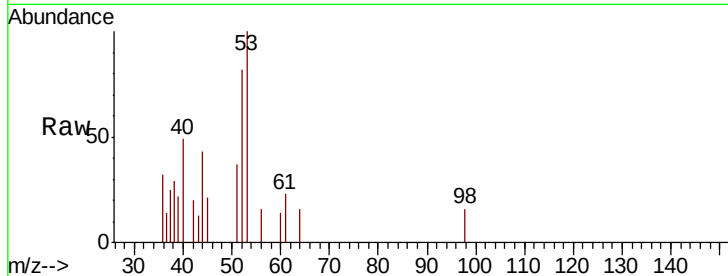
Tot Ion: 53 Resp: 955

Ion Ratio Lower Upper

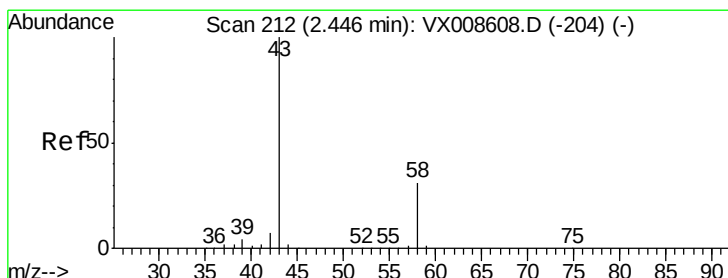
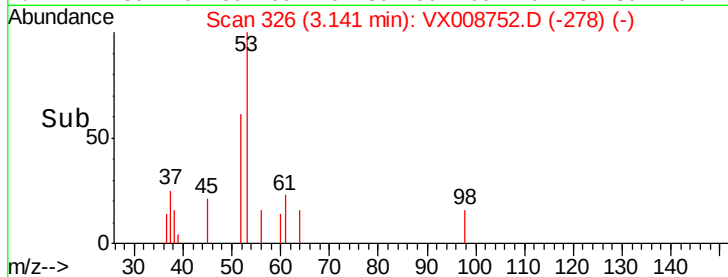
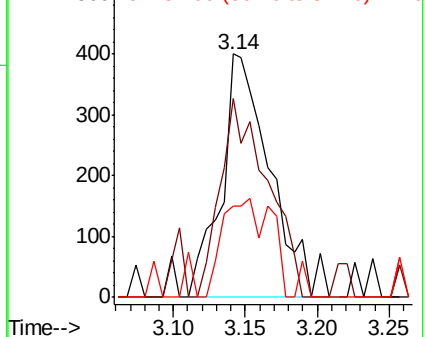
53 100

52 78.2 66.5 99.7

51 39.8 28.6 42.8



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: 6.862 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008752.D

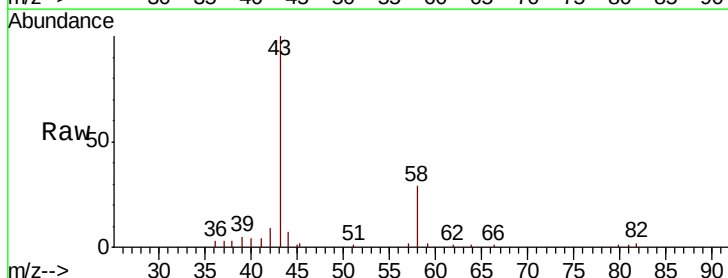
Acq: 08 Apr 2019 17:59

Tgt Ion: 43 Resp: 10303

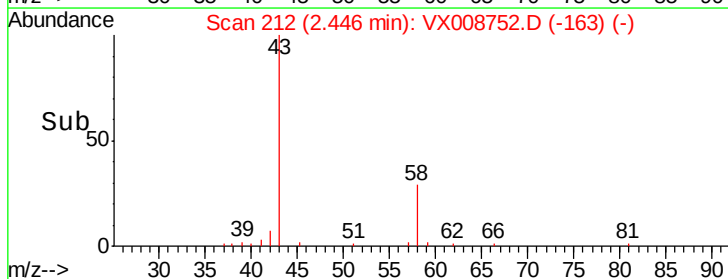
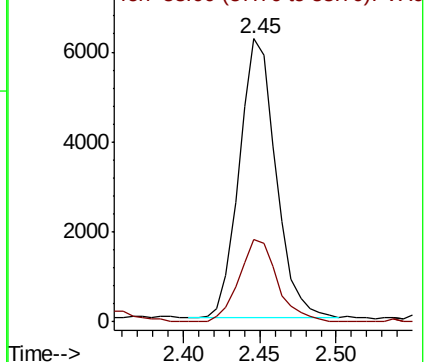
Ion Ratio Lower Upper

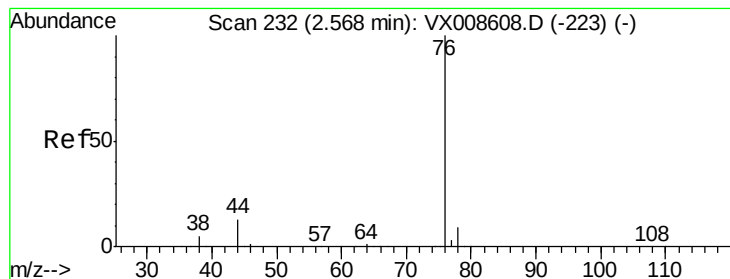
43 100

58 29.4 24.8 37.2



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





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

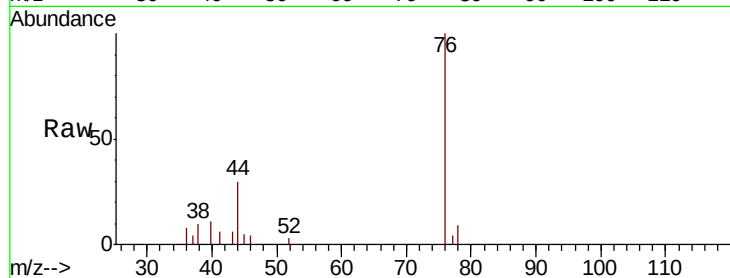
PB118670TB

Tot Ion: 76 Resp: 2804

Ion Ratio Lower Upper

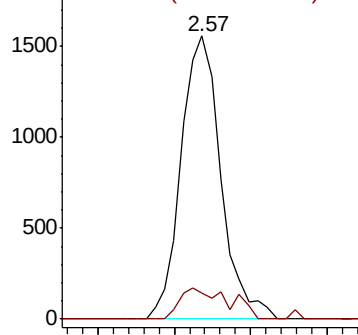
76 100

78 9.4 7.1 10.7

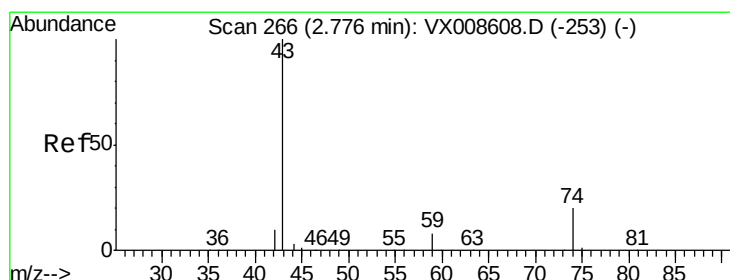
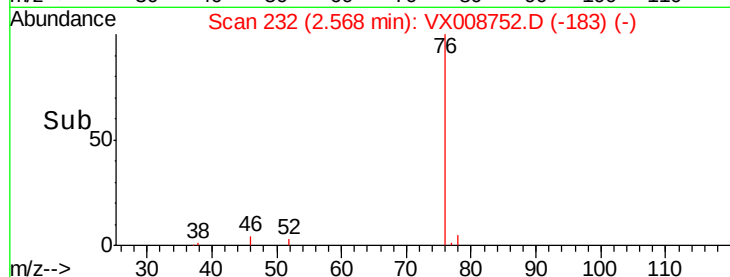


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 0.523 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX008752.D

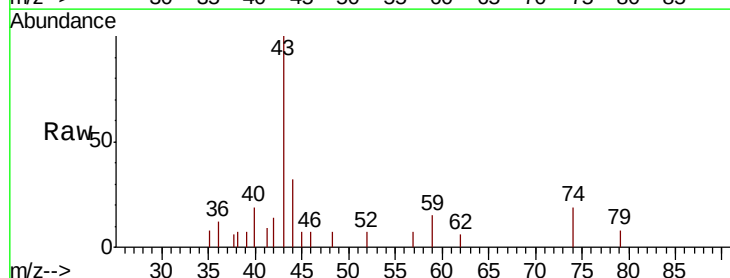
Acq: 08 Apr 2019 17:59

Tgt Ion: 43 Resp: 1904

Ion Ratio Lower Upper

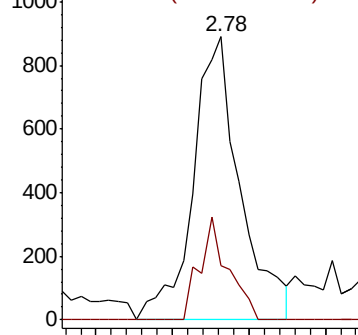
43 100

74 22.0 16.5 24.7

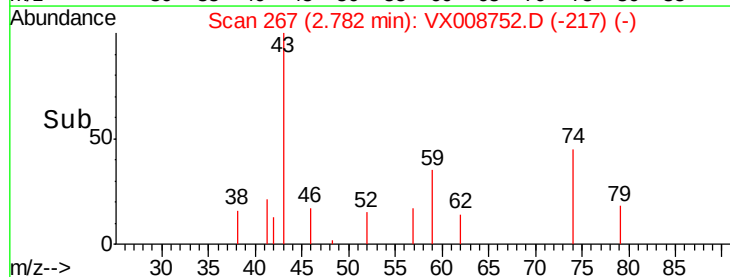


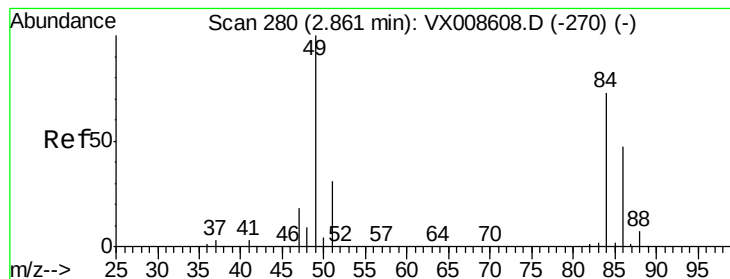
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





#20

Methylene Chloride

Concen: 2.563 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampled :

PB118670TB

Tot Ion: 84 Resp: 6441

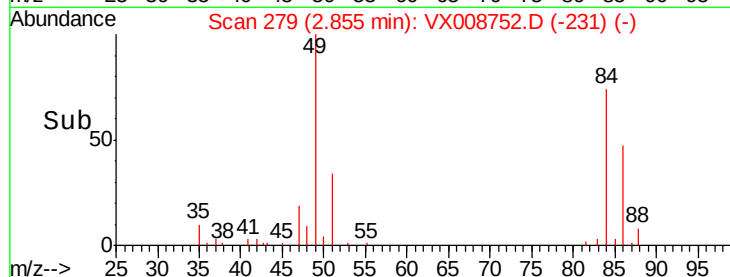
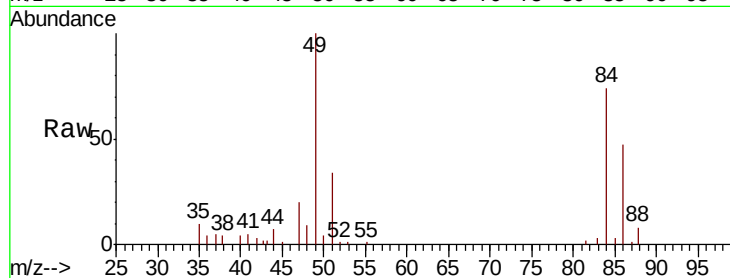
Ion Ratio Lower Upper

84 100

49 132.8 109.7 164.5

51 45.3 33.6 50.4

86 63.6 51.4 77.2

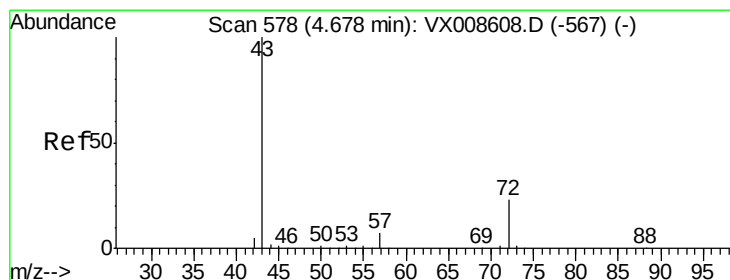
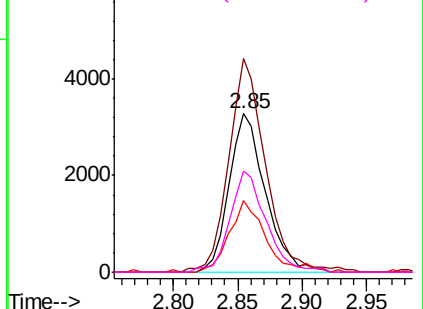


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 1.213 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.01 min

Lab File: VX008752.D

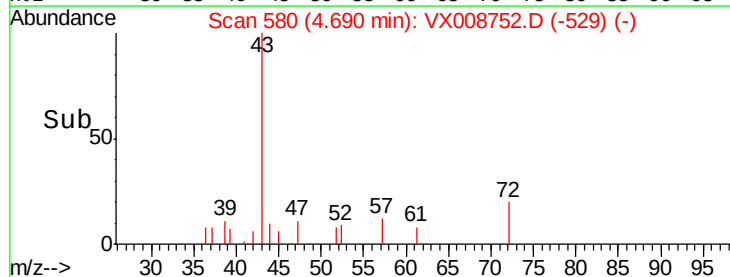
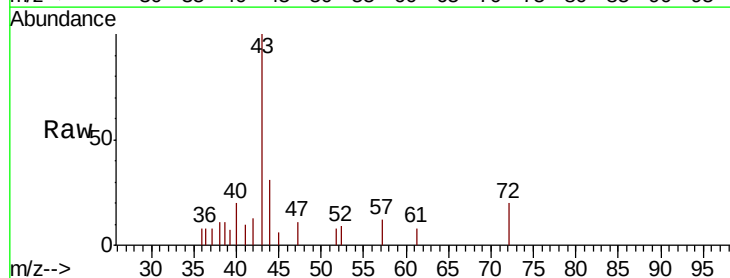
Acq: 08 Apr 2019 17:59

Tgt Ion: 43 Resp: 2879

Ion Ratio Lower Upper

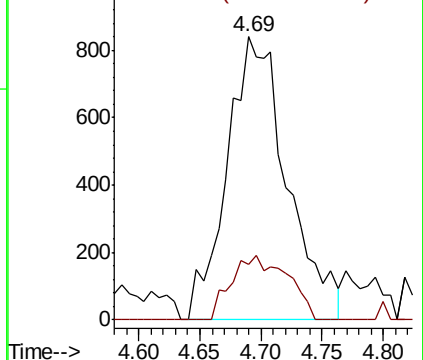
43 100

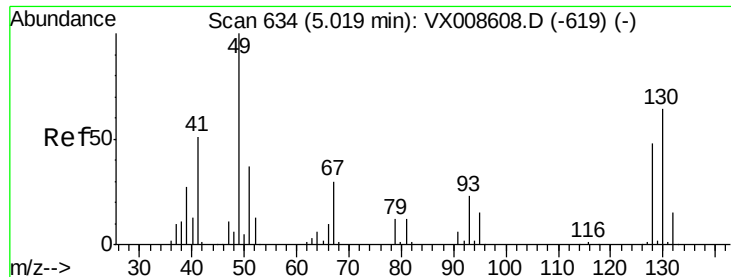
72 19.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB118670TB

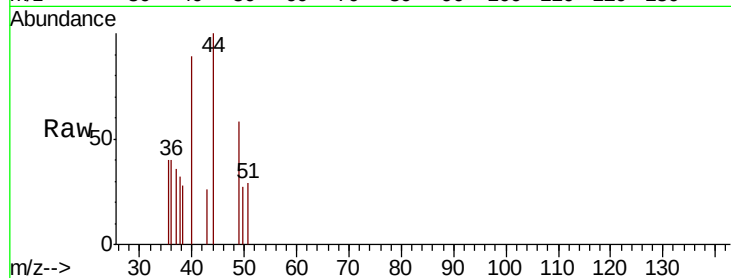
Tot Ion: 49 Resp: 381

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 49.3 73.9#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

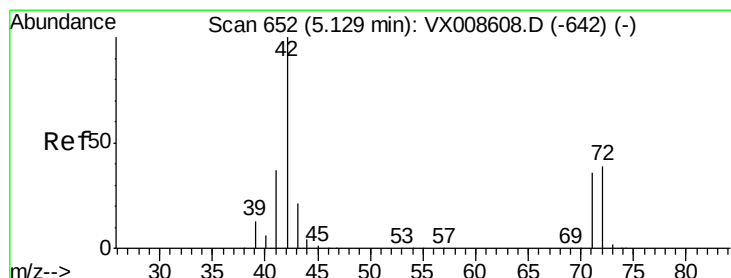
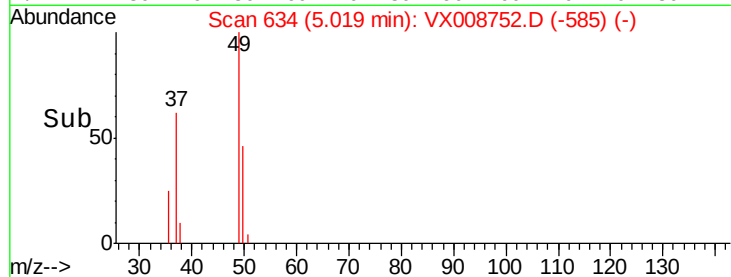
5.02

100

50

0

Time-->



#29

Tetrahydrofuran

Concen: 1.442 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

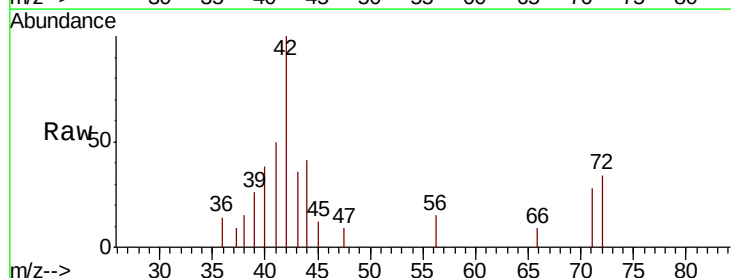
Tgt Ion: 42 Resp: 2271

Ion Ratio Lower Upper

42 100

72 31.1 30.5 45.7

71 34.6 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

800

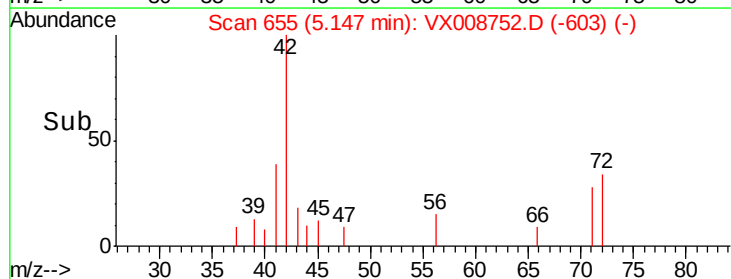
600

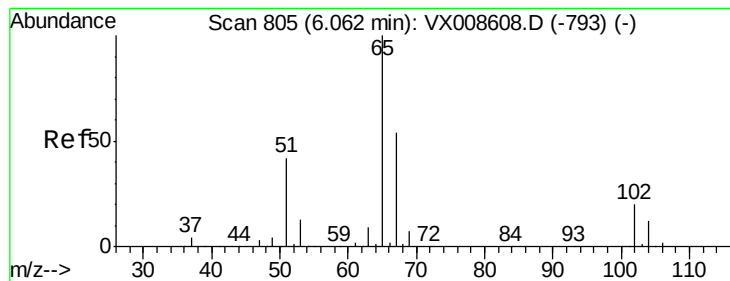
400

200

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.562 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

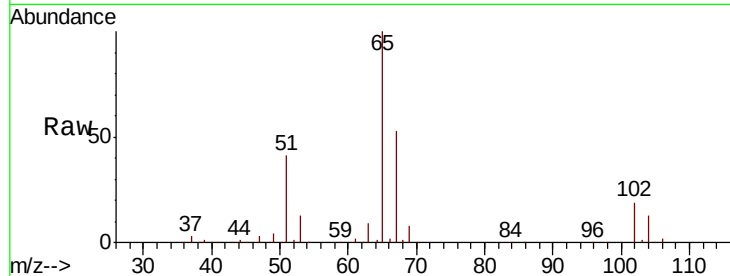
PB118670TB

Tot Ion: 65 Resp: 123982

Ion Ratio Lower Upper

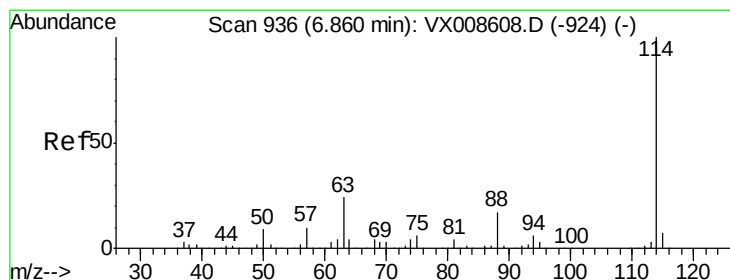
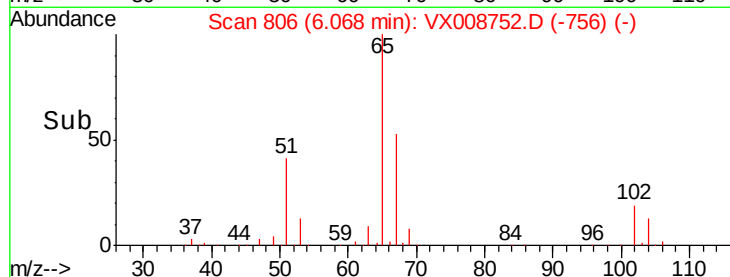
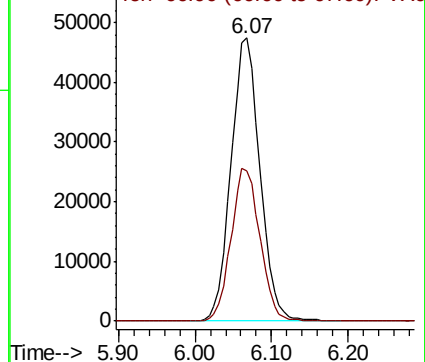
65 100

67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

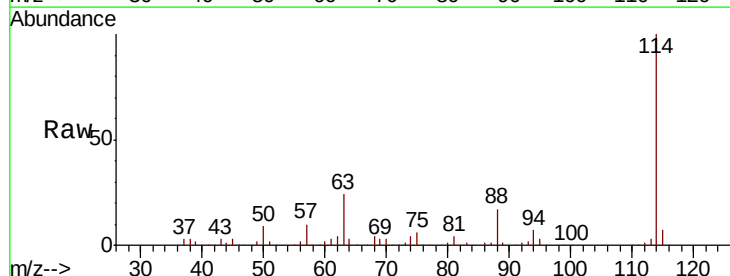
Tgt Ion: 114 Resp: 297399

Ion Ratio Lower Upper

114 100

63 24.0 0.0 47.2

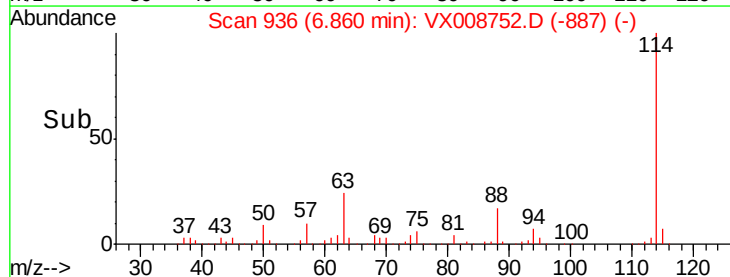
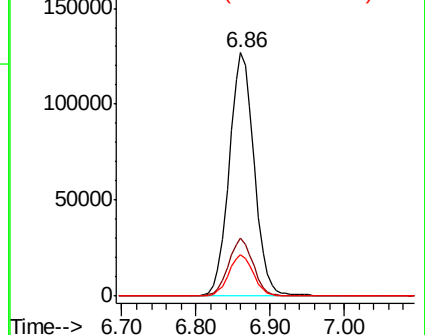
88 16.8 0.0 34.0

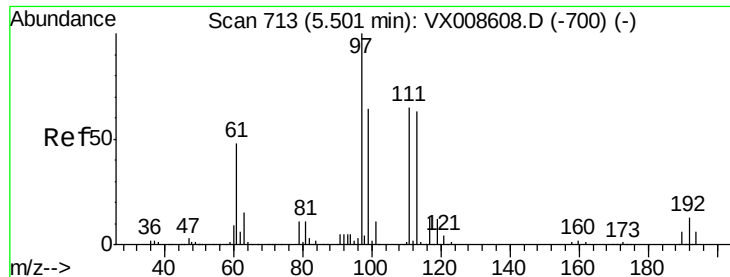


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.300 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB118670TB

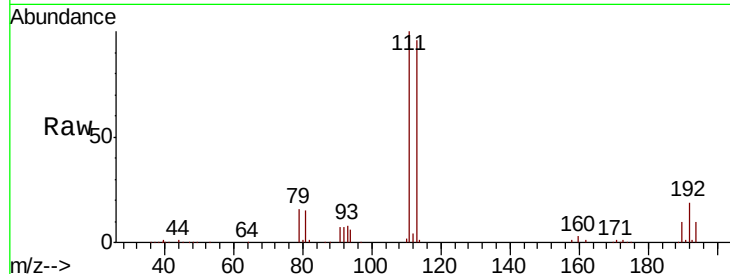
Tot Ion:113 Resp: 91841

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

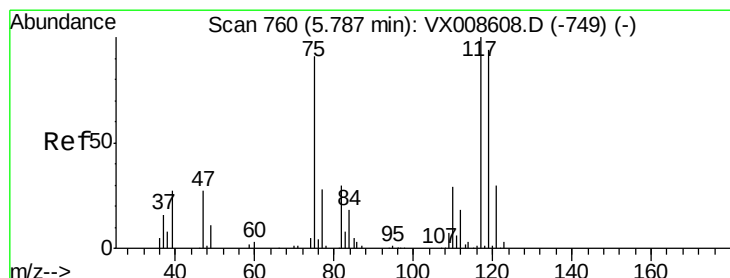
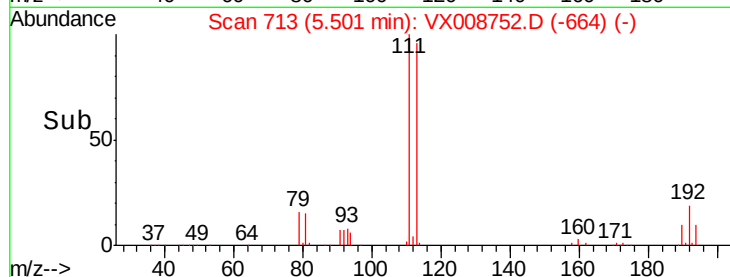
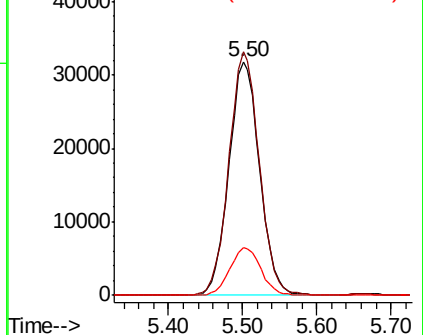
192 20.5 16.1 24.1



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



#38

Carbon Tetrachloride

Concen: 6.386 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

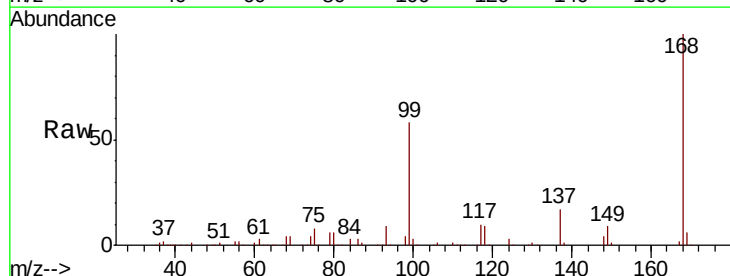
Tgt Ion:117 Resp: 17183

Ion Ratio Lower Upper

117 100

119 4.3 75.0 112.6#

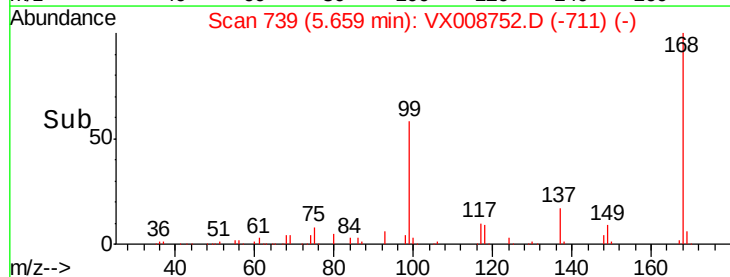
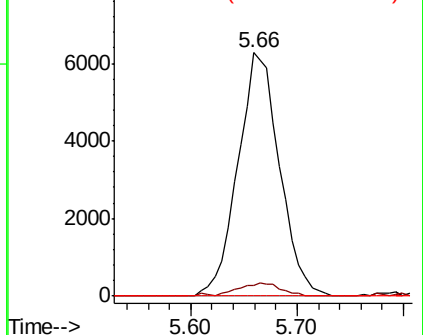
121 0.0 24.3 36.5#

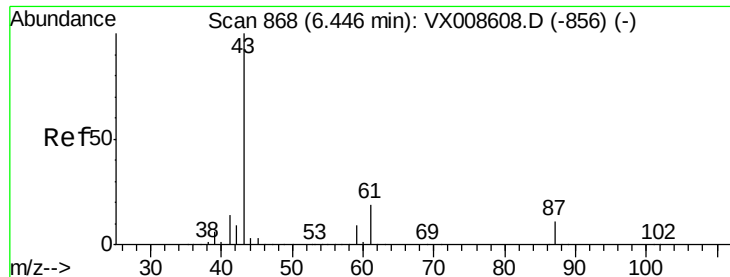


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 1.980 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB118670TB

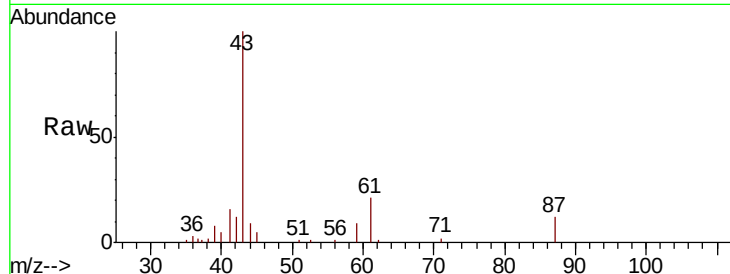
Tot Ion: 43 Resp: 13461

Ion Ratio Lower Upper

43 100

61 21.4 15.3 22.9

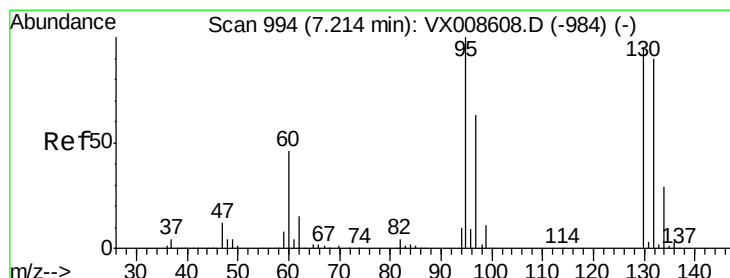
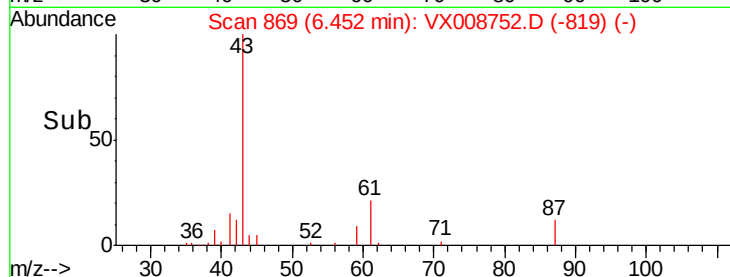
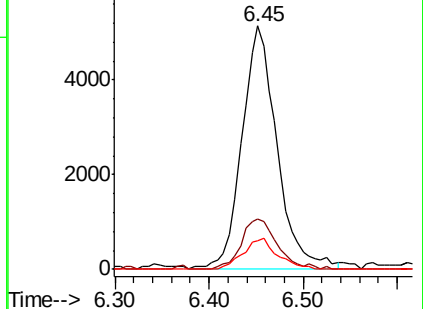
87 12.3 9.0 13.6



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



#44

Trichloroethene

Concen: 0.207 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008752.D

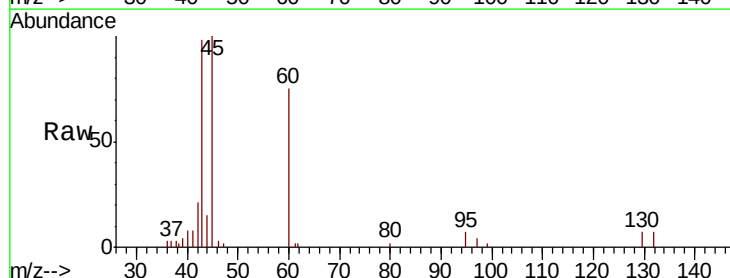
Acq: 08 Apr 2019 17:59

Tgt Ion:130 Resp: 467

Ion Ratio Lower Upper

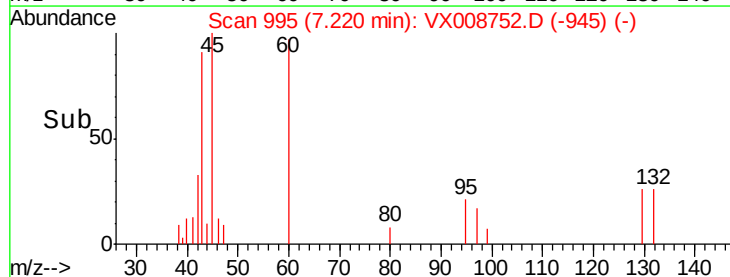
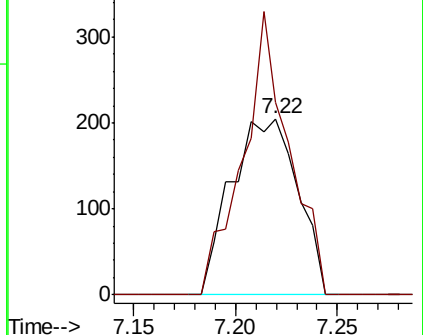
130 100

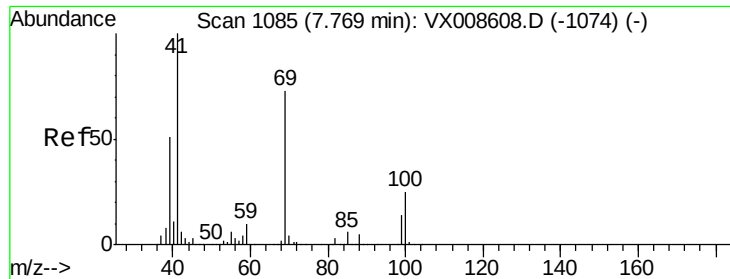
95 109.3 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

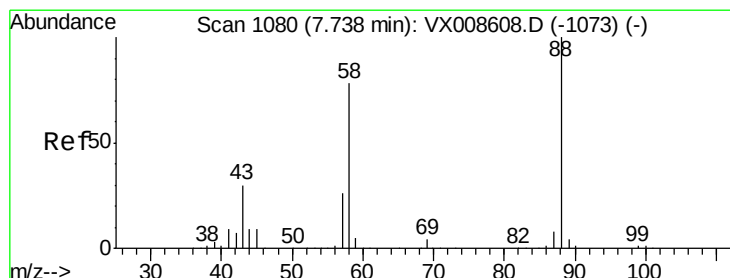
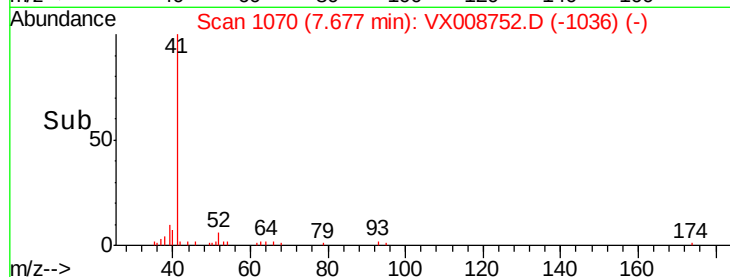
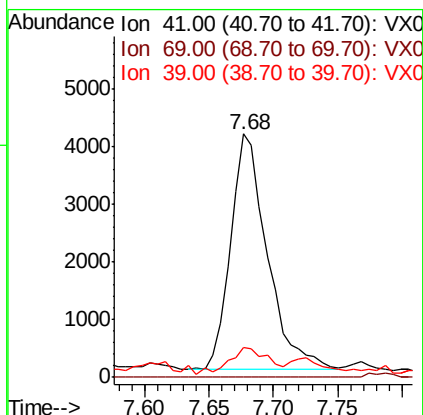
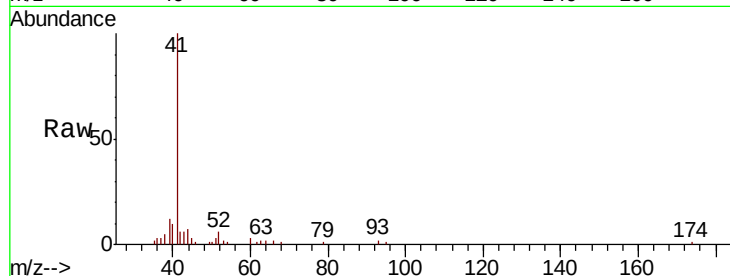




#48
Methyl methacrylate
Concen: 2.346 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX008752.D
Acq: 08 Apr 2019 17:59

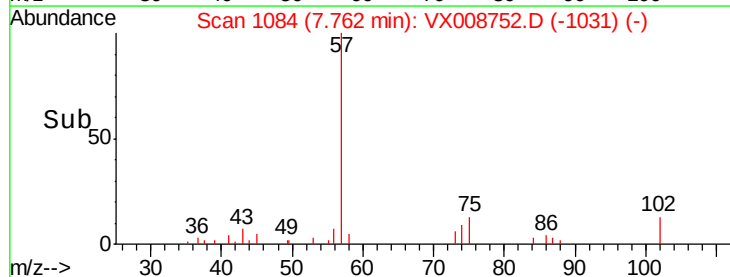
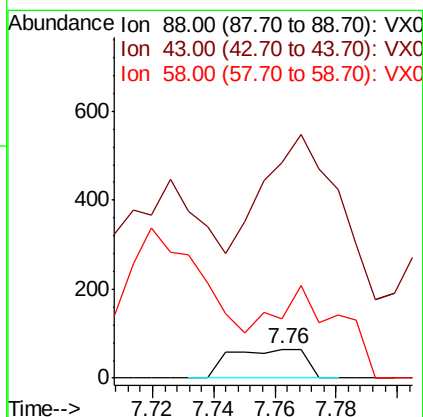
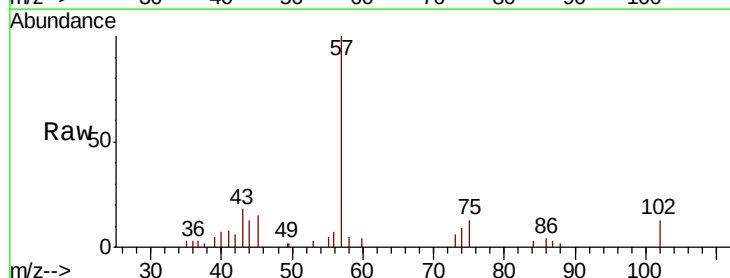
Instrument :
MSVOA_X
ClientSampled :
PB118670TB

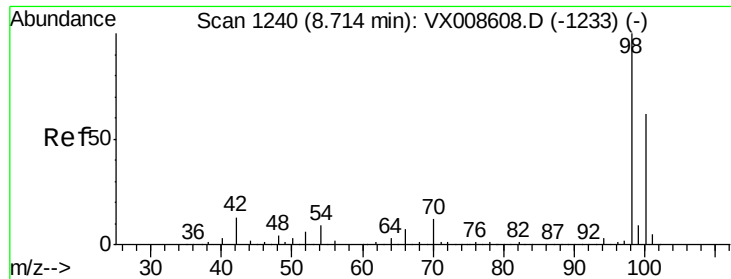
Tot Ion: 41 Resp: 8066
Ion Ratio Lower Upper
41 100
69 0.0 59.0 88.4#
39 0.0 41.0 61.4#



#49
1,4-Dioxane
Concen: 1.723 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX008752.D
Acq: 08 Apr 2019 17:59

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 0.0 28.6 43.0#
58 291.0 62.2 93.2#

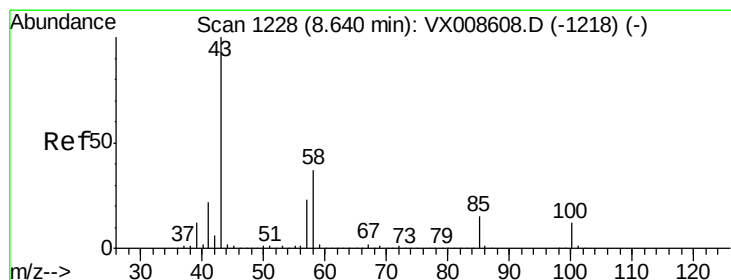
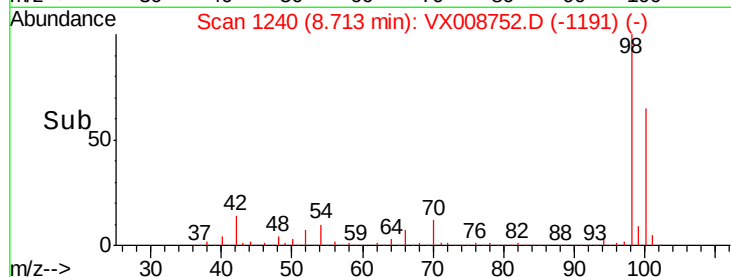
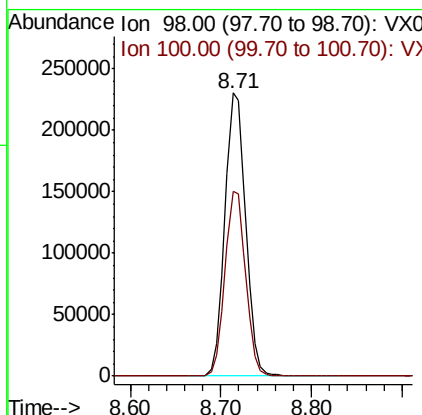
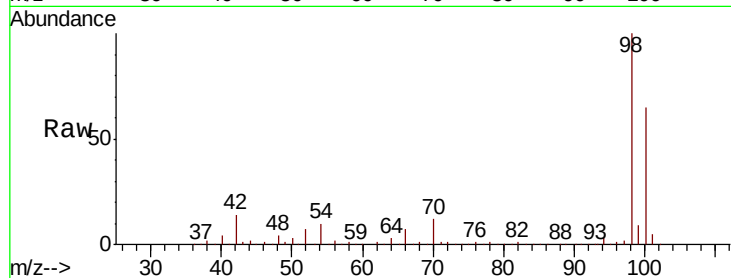




#50
Toluene-d8
Concen: 48.612 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008752.D
Acq: 08 Apr 2019 17:59

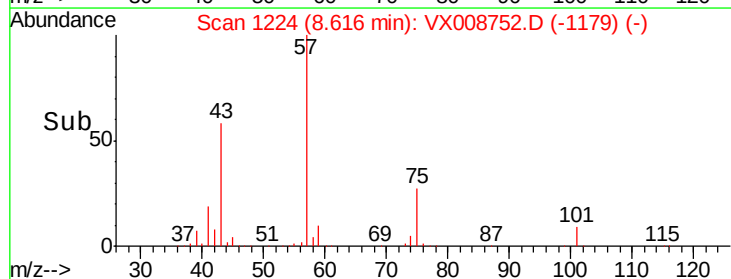
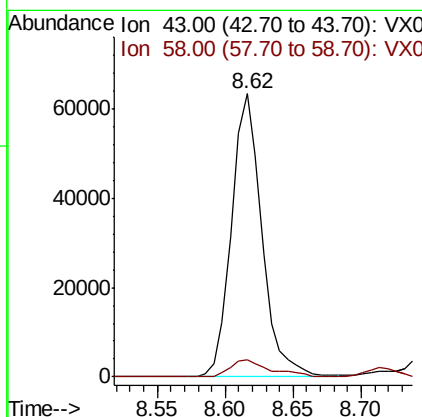
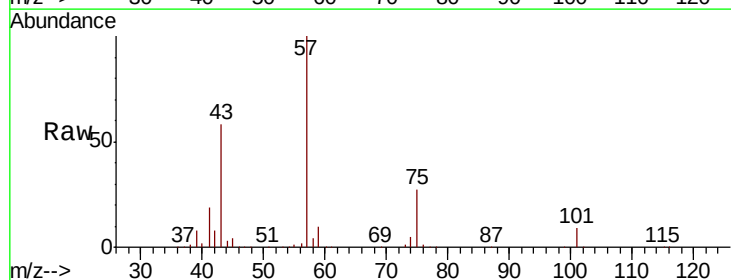
Instrument :
MSVOA_X
ClientSampled :
PB118670TB

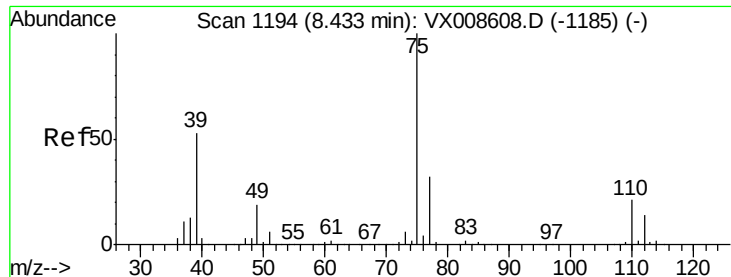
Tot Ion: 98 Resp: 368044
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 22.392 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VX008752.D
Acq: 08 Apr 2019 17:59

Tgt Ion: 43 Resp: 97981
Ion Ratio Lower Upper
43 100
58 7.9 29.5 44.3#



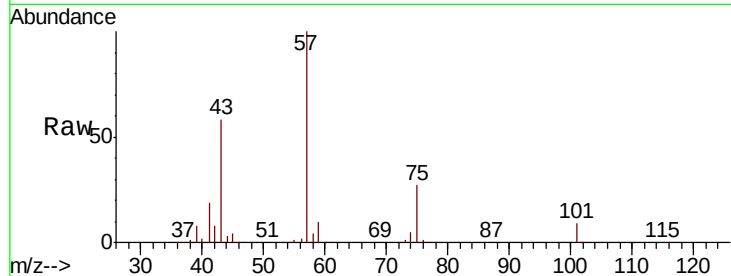


#54

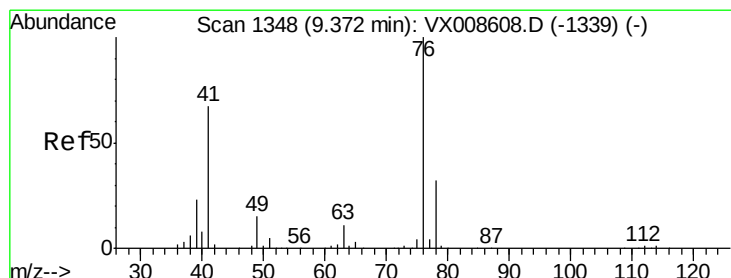
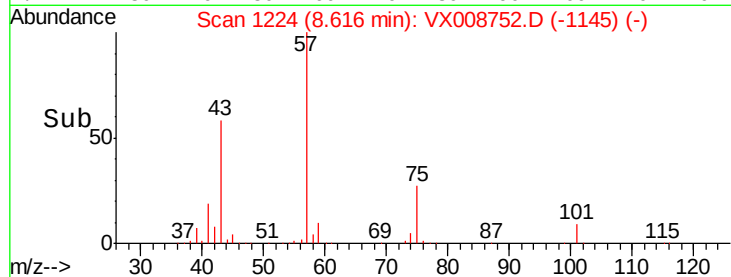
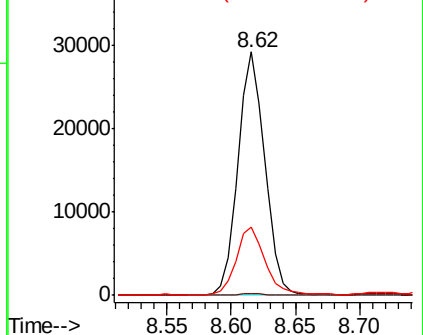
cis-1,3-Dichloropropene
 Concen: 10.932 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX008752.D
 Acq: 08 Apr 2019 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 PB118670TB

Tot Ion: 75 Resp: 42296
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 27.9 42.6 63.8#



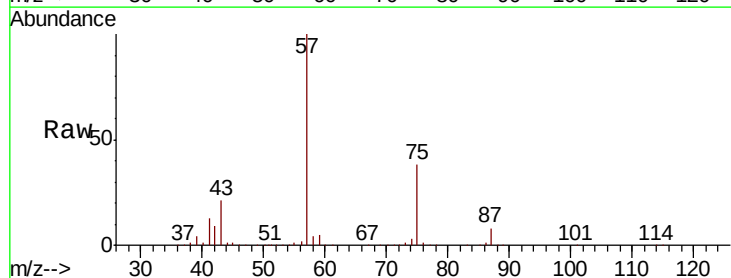
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



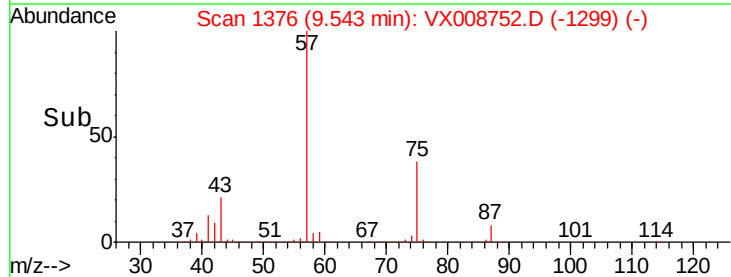
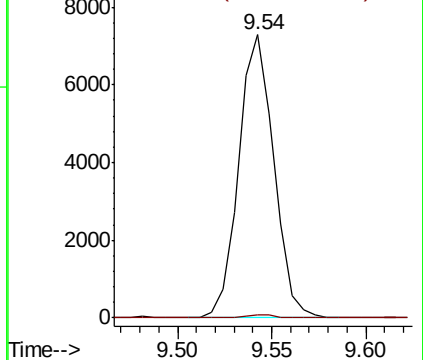
#57

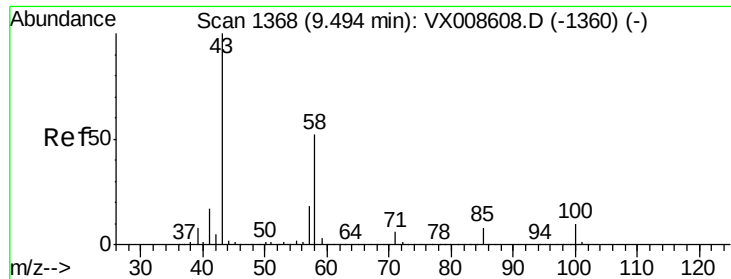
1,3-Dichloropropane
 Concen: 2.284 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX008752.D
 Acq: 08 Apr 2019 17:59

Tgt Ion: 76 Resp: 9400
 Ion Ratio Lower Upper
 76 100
 78 0.8 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0





#59

2-Hexanone

Concen: 44.178 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampled :

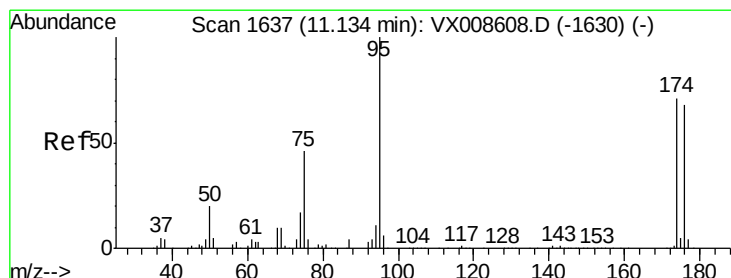
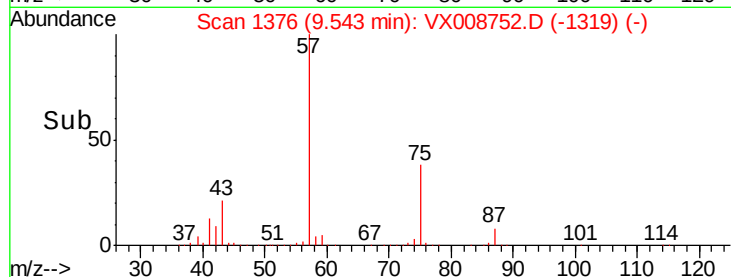
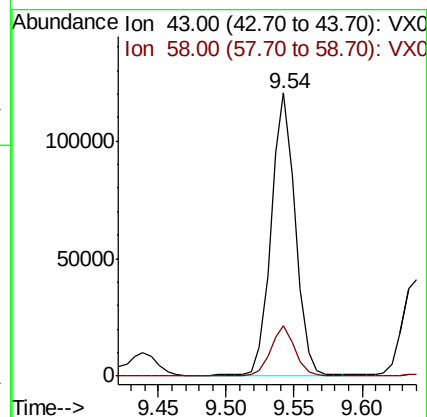
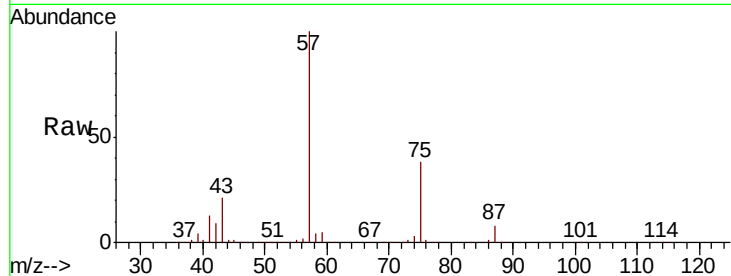
PB118670TB

Tot Ion: 43 Resp: 150230

Ion Ratio Lower Upper

43 100

58 18.1 25.9 77.7#



#62

4-Bromofluorobenzene

Concen: 45.767 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

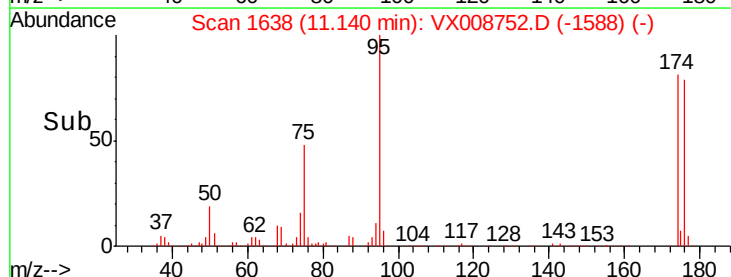
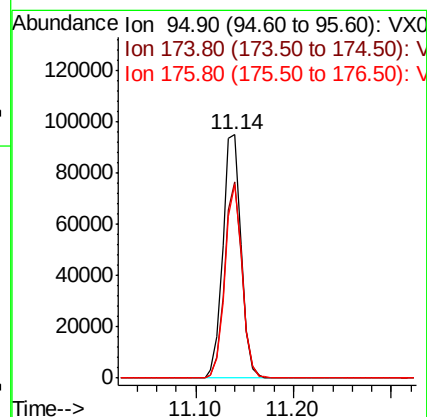
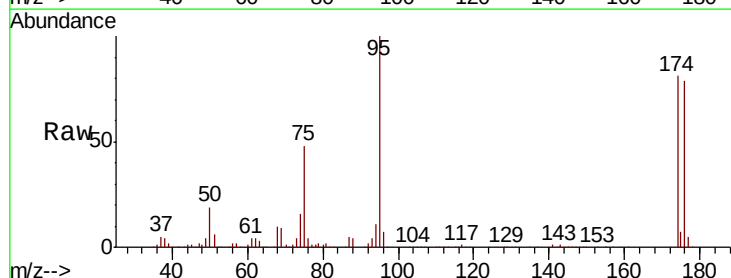
Tgt Ion: 95 Resp: 122876

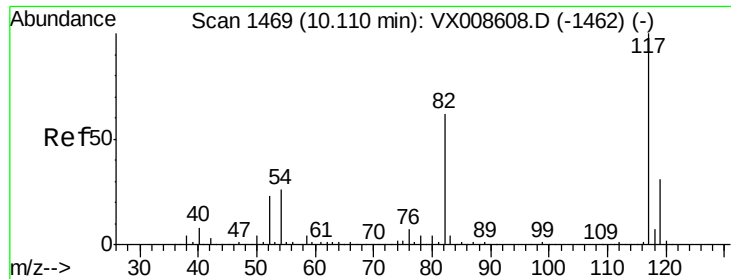
Ion Ratio Lower Upper

95 100

174 76.5 0.0 151.8

176 74.8 0.0 145.8

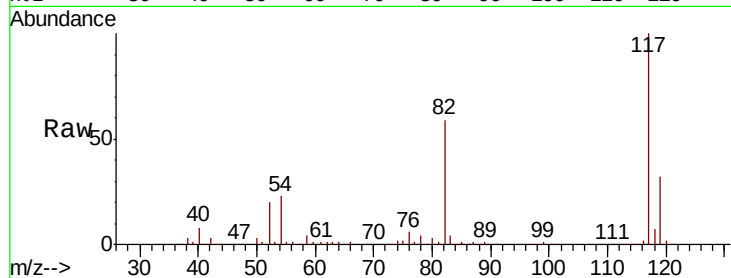




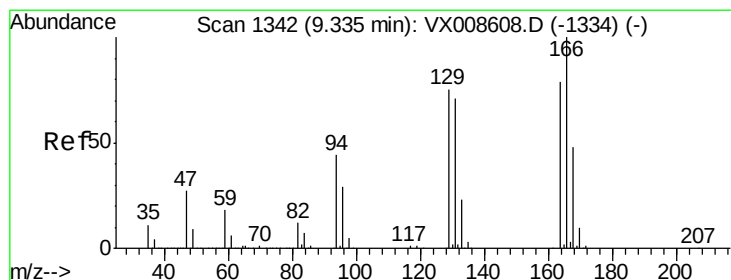
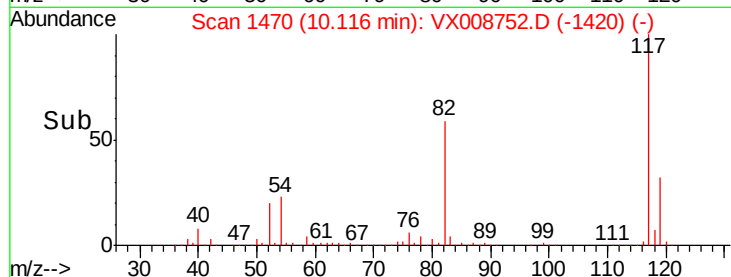
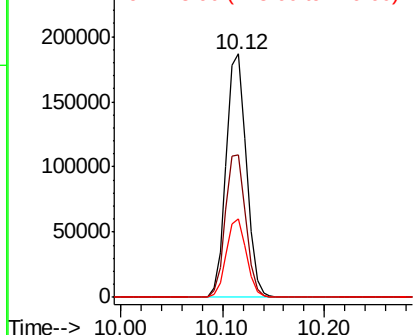
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008752.D
Acq: 08 Apr 2019 17:59

Instrument :
MSVOA_X
ClientSampleId :
PB118670TB

Tot Ion:117 Resp: 255565
Ion Ratio Lower Upper
117 100
82 58.6 49.6 74.4
119 32.5 25.0 37.4

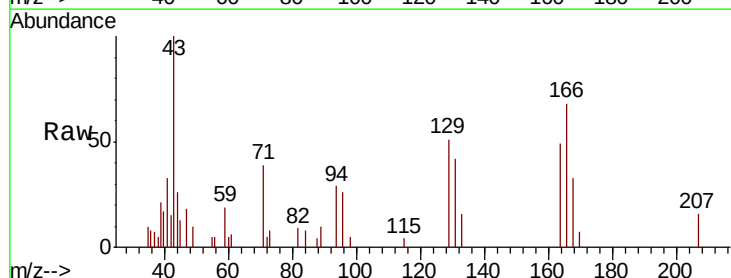


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

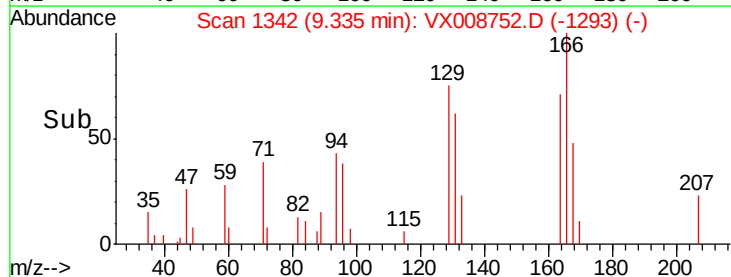
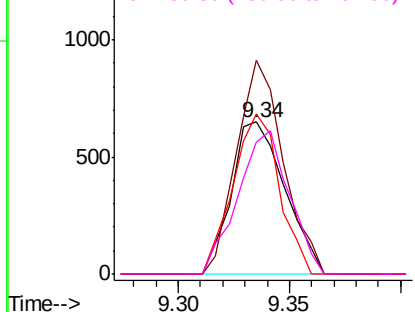


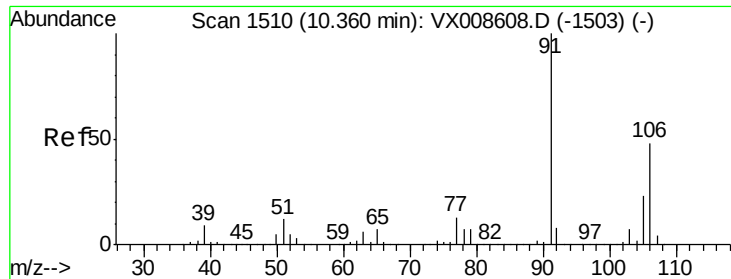
#64
Tetrachloroethene
Concen: 0.574 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008752.D
Acq: 08 Apr 2019 17:59

Tgt Ion:164 Resp: 1086
Ion Ratio Lower Upper
164 100
166 140.3 101.0 151.6
129 105.4 75.8 113.8
131 86.3 71.8 107.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#68

m/p-Xvlenes

Concen: 0.201 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

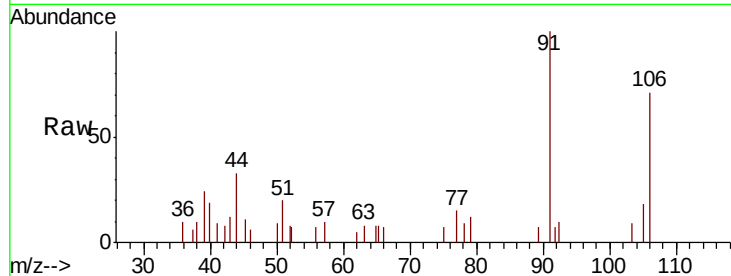
PB118670TB

Tot Ion:106 Resp: 762

Ion Ratio Lower Upper

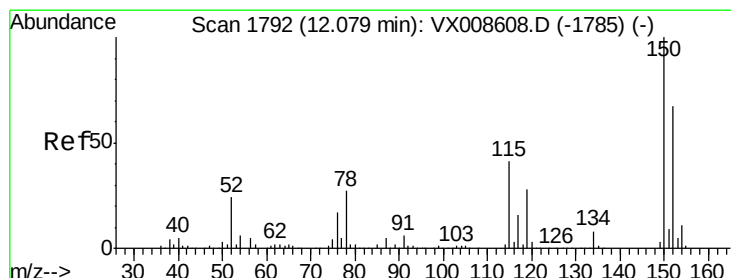
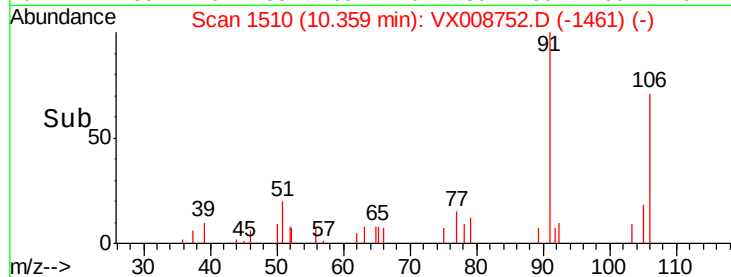
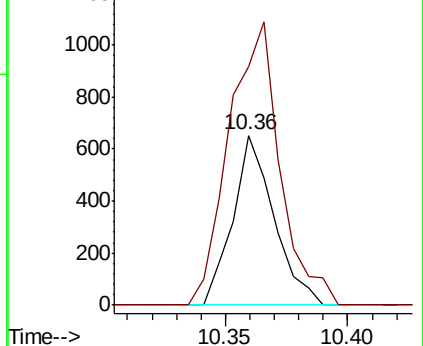
106 100

91 207.1 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

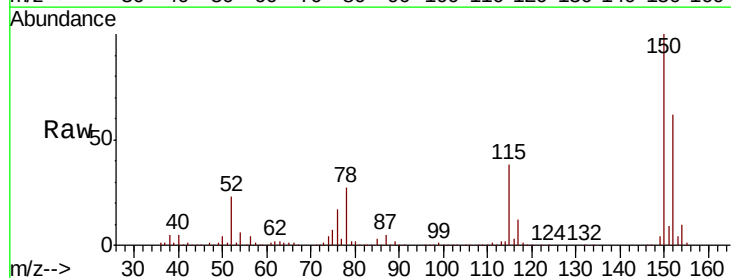
Tgt Ion:152 Resp: 105065

Ion Ratio Lower Upper

152 100

115 60.3 43.5 130.5

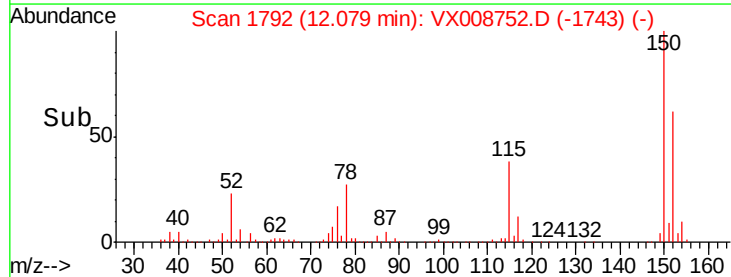
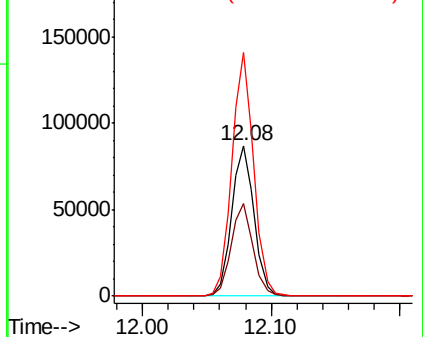
150 158.1 0.0 348.8

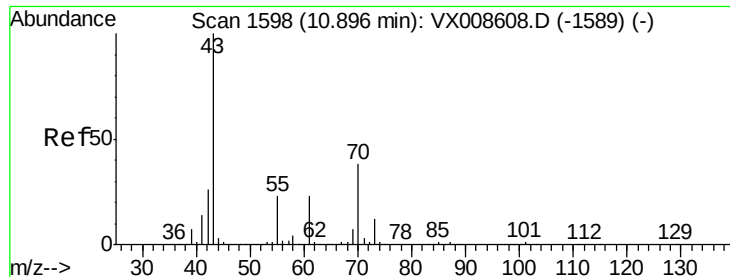


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.081 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB118670TB

Tot Ion: 43 Resp: 15783

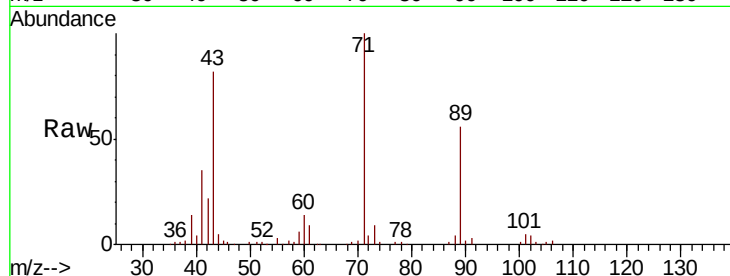
Ion Ratio Lower Upper

43 100

70 2.2 30.2 45.4#

55 4.5 18.2 27.4#

61 10.6 18.6 28.0#

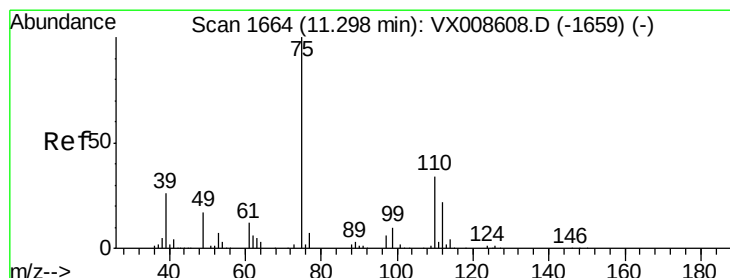
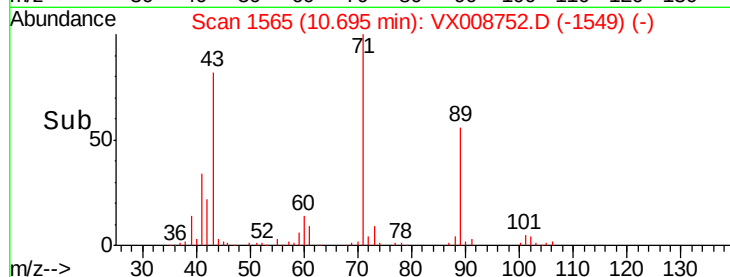
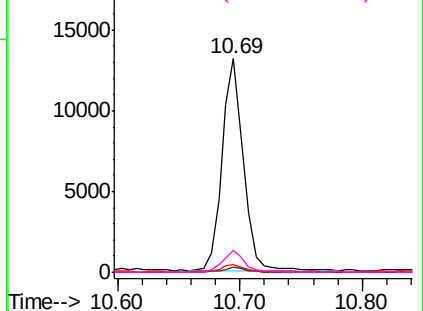


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.462 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008752.D

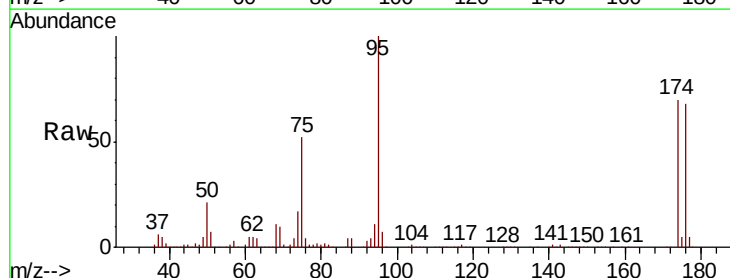
Acq: 08 Apr 2019 17:59

Tgt Ion: 75 Resp: 61945

Ion Ratio Lower Upper

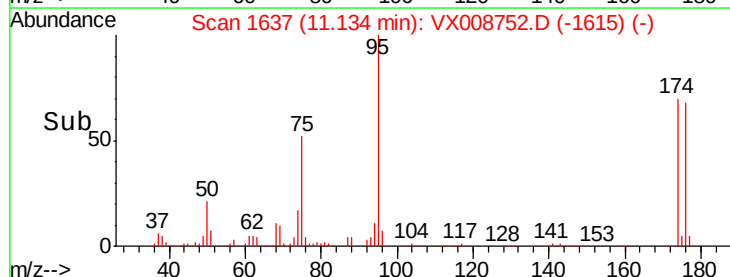
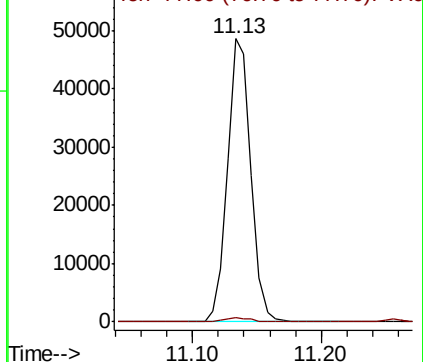
75 100

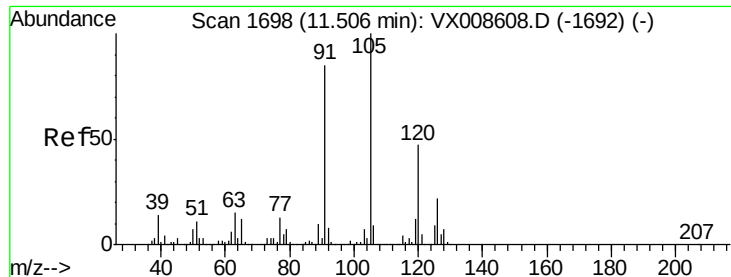
77 1.6 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

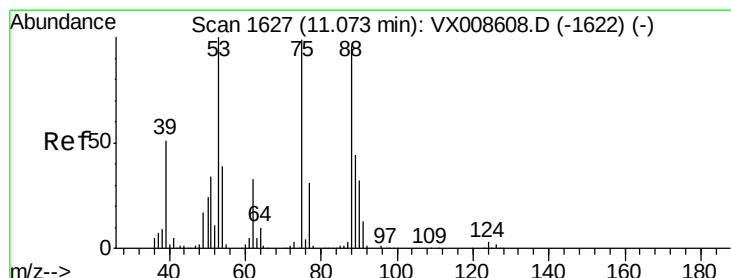
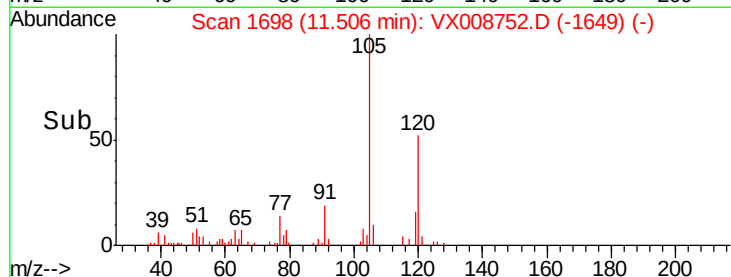
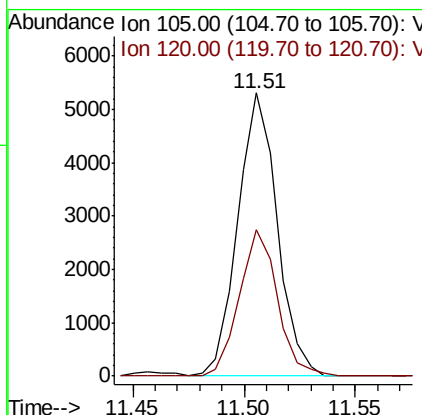
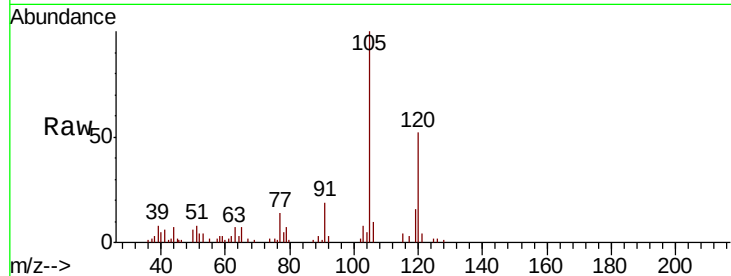




#80
 1,3,5-Trimethylbenzene
 Concen: 0.897 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008752.D
 Acq: 08 Apr 2019 17:59

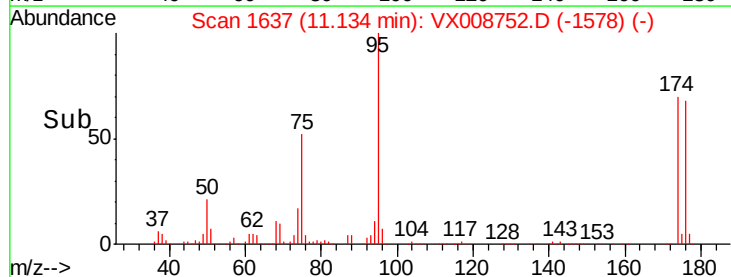
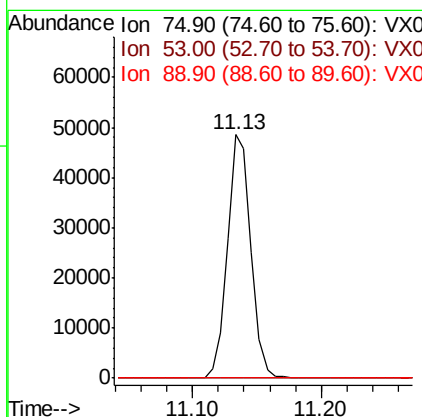
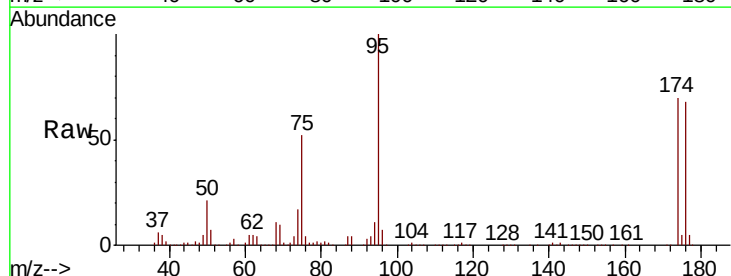
Instrument :
 MSVOA_X
 ClientSampled :
 PB118670TB

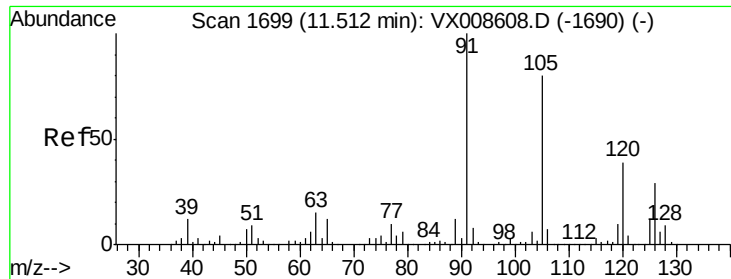
Tot Ion:105 Resp: 6555
 Ion Ratio Lower Upper
 105 100
 120 50.0 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.162 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008752.D
 Acq: 08 Apr 2019 17:59

Tgt Ion: 75 Resp: 61945
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.3 121.9#
 89 0.0 35.6 53.4#





#82

4-Chlorotoluene

Concen: 0.231 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

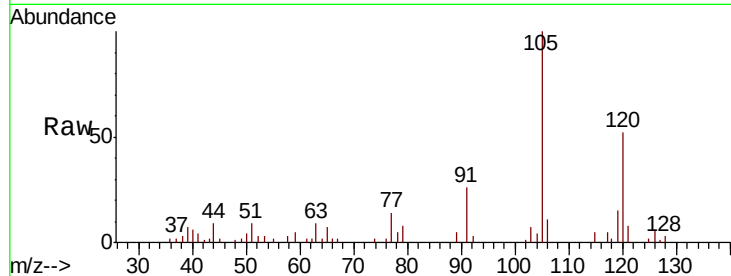
PB118670TB

Tot Ion: 91 Resp: 1642

Ion Ratio Lower Upper

91 100

126 16.4 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1690) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1690) (-)

11.51

1200

1000

800

600

400

200

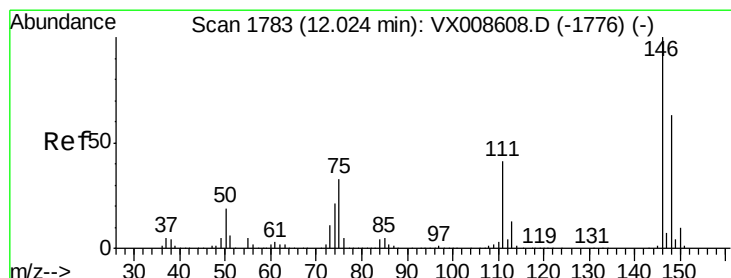
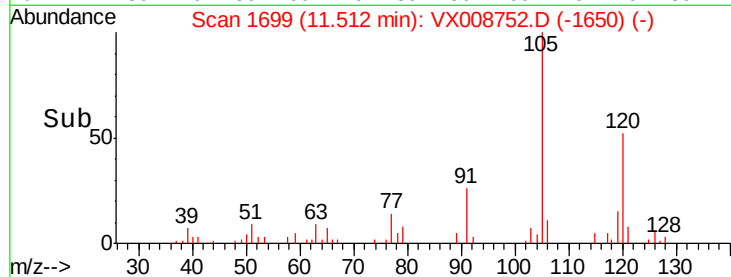
0

11.45

11.50

11.55

Time-->



#87

1,3-Dichlorobenzene

Concen: 0.203 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

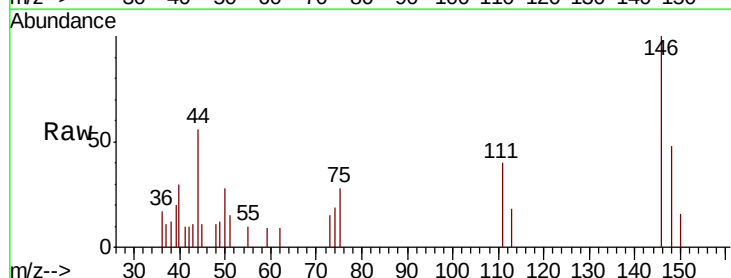
Tgt Ion: 146 Resp: 759

Ion Ratio Lower Upper

146 100

111 38.2 20.5 61.5

148 62.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): VX008608.D (-1776) (-)

Ion 110.90 (110.60 to 111.60): VX008608.D (-1776) (-)

Ion 147.90 (147.60 to 148.60): VX008608.D (-1776) (-)

12.03

1000

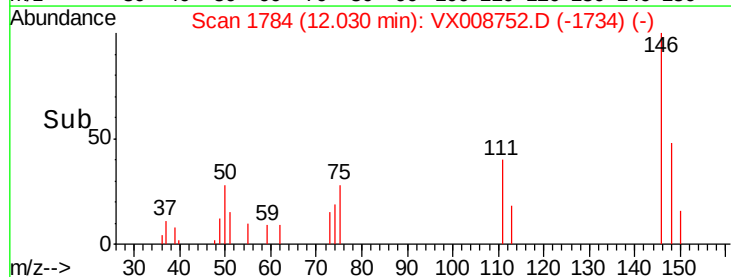
500

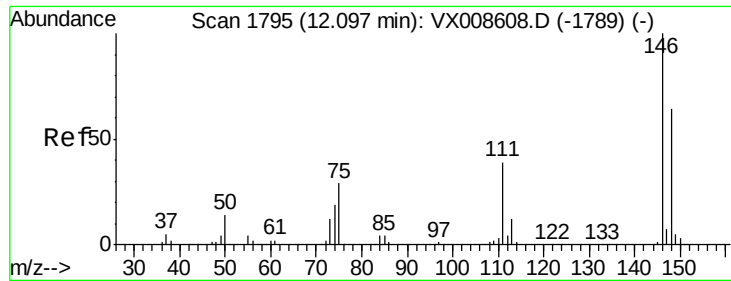
0

12.00

12.05

Time-->

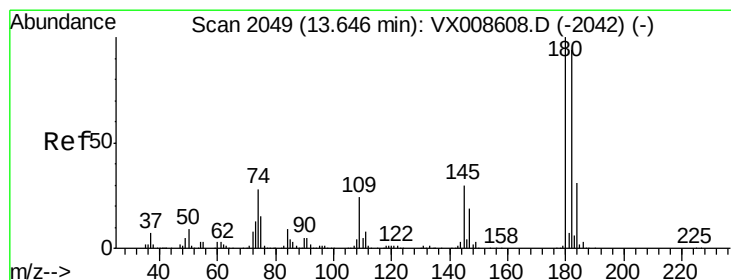
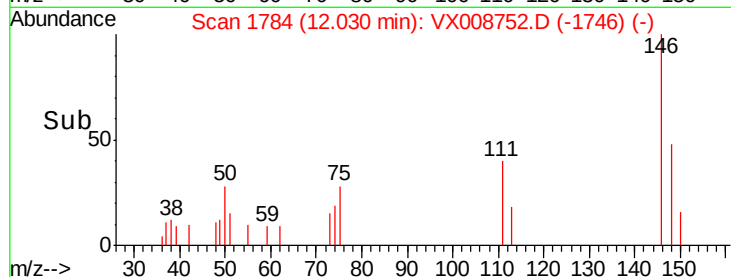
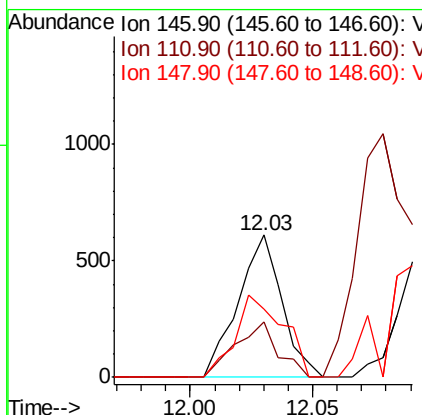
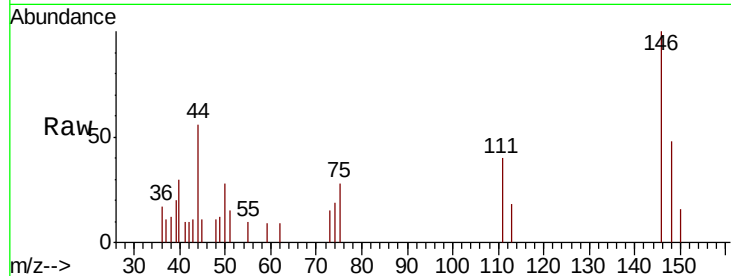




#88
 1,4-Dichlorobenzene
 Concen: 0.200 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.07 min
 Lab File: VX008752.D
 Acq: 08 Apr 2019 17:59

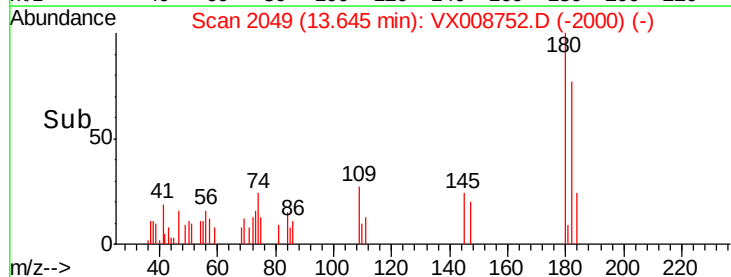
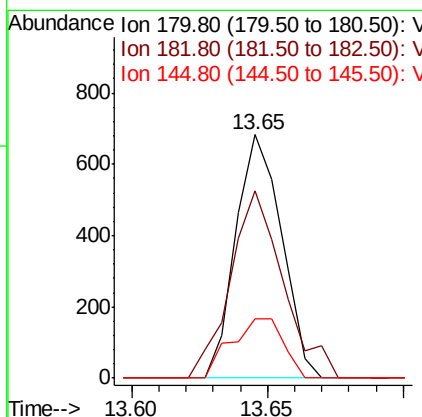
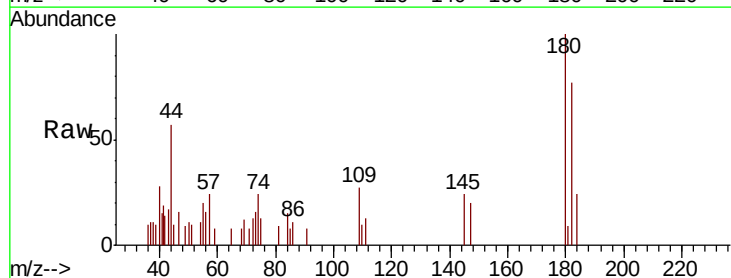
Instrument :
 MSVOA_X
 ClientSampled :
 PB118670TB

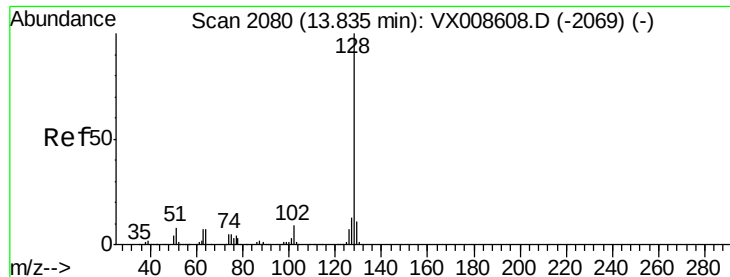
Tot Ion:146 Resp: 759
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.2 60.6
 148 62.7 32.0 96.0



#93
 1,2,4-Trichlorobenzene
 Concen: 0.309 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008752.D
 Acq: 08 Apr 2019 17:59

Tgt Ion:180 Resp: 799
 Ion Ratio Lower Upper
 180 100
 182 88.5 47.2 141.6
 145 27.8 15.3 45.9





#95

Naphthalene

Concen: 0.297 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB118670TB

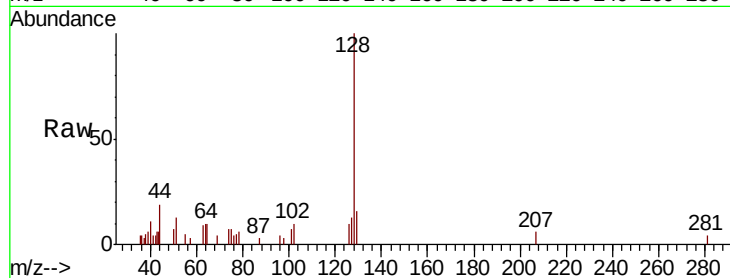
Tot Ion:128 Resp: 2569

Ion Ratio Lower Upper

128 100

127 11.4 10.4 15.6

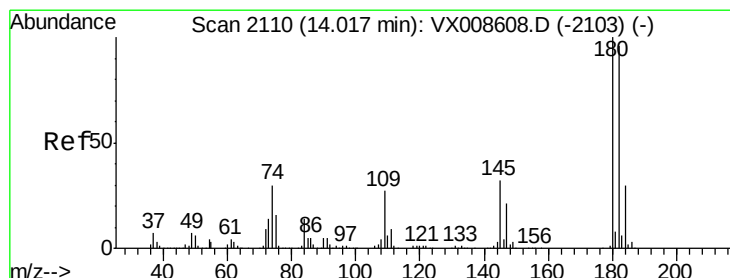
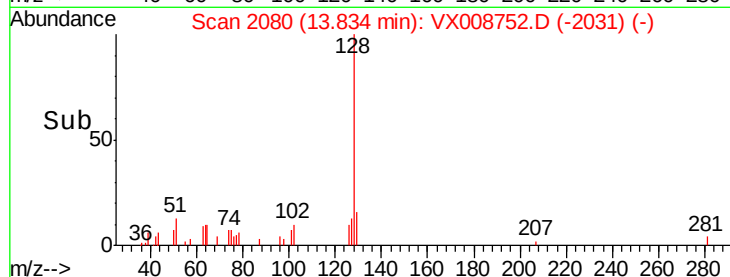
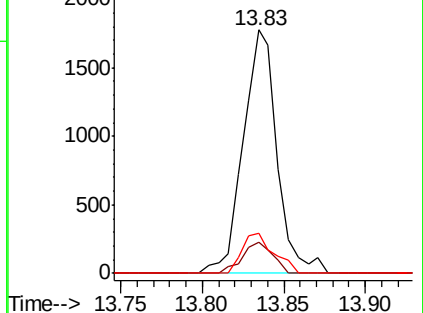
129 15.3 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.224 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008752.D

Acq: 08 Apr 2019 17:59

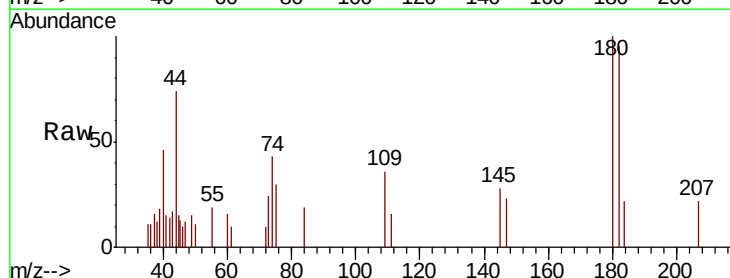
Tgt Ion:180 Resp: 578

Ion Ratio Lower Upper

180 100

182 124.7 48.1 144.3

145 39.1 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

