

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011112.D
 Acq On : 27 Jul 2019 00:46
 Operator : JC/SP
 Sample : PB121723TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723TB

Quant Time: Jul 27 02:08:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142621	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108439	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
35) Dibromofluoromethane	5.50	113	98527	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	8.71	98	393220	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.13	95	136954	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	209	0.645	ug/l	90
5) Bromomethane	1.66	94	788	0.761	ug/l #	56
8) Diethyl Ether	2.19	74	670	0.625	ug/l	93
10) Methyl Iodide	2.52	142	1099	0.471	ug/l #	91
11) Tert butyl alcohol	3.04	59	649	1.337	ug/l #	88
13) Acrolein	2.29	56	139	0.496	ug/l #	44
15) Acrylonitrile	3.15	53	315	0.321	ug/l #	59
16) Acetone	2.44	43	471351	500.605	ug/l	97
17) Carbon Disulfide	2.57	76	1326	0.296	ug/l #	80
18) Methyl Acetate	2.77	43	1306	0.609	ug/l	90
20) Methylene Chloride	2.86	84	147947	74.145	ug/l	100
25) 2-Butanone	4.70	43	2411	1.784	ug/l	98
36) 1,1-Dichloropropene	5.66	75	13098	5.011	ug/l #	49
38) Carbon Tetrachloride	5.66	117	18101	6.645	ug/l #	18
43) Isopropyl Acetate	6.44	43	12309	2.797	ug/l	98
48) Methyl methacrylate	7.68	41	5345	2.493	ug/l #	10
49) 1,4-Dioxane	7.72	88	19	0.317	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	58153	20.382	ug/l #	50
54) cis-1,3-Dichloropropene	8.61	75	30147	9.719	ug/l #	64
57) 1,3-Dichloropropane	9.54	76	7528	2.191	ug/l #	43
59) 2-Hexanone	9.54	43	92630	41.858	ug/l #	52
60) Dibromochloromethane	9.62	129	23	2.537	ug/l #	11
68) m/p-Xylenes	10.36	106	844	0.204	ug/l	91
76) 1,2,3-Trichloropropane	11.13	75	69975	27.189	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	5223	0.649	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	69975	67.381	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.97	75	231	0.350	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	635	0.205	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

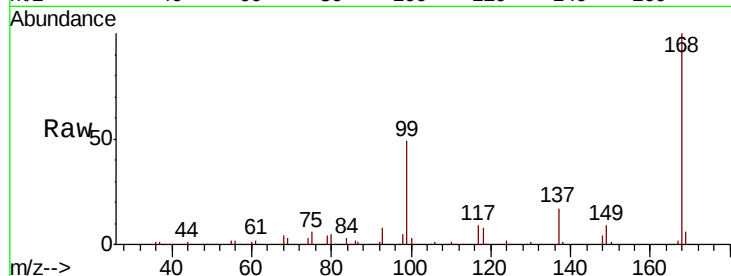
PB121723TB

Tot Ion:168 Resp: 195961

Ion Ratio Lower Upper

168 100

99 49.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

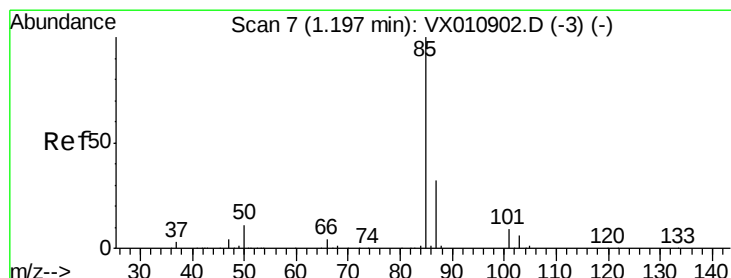
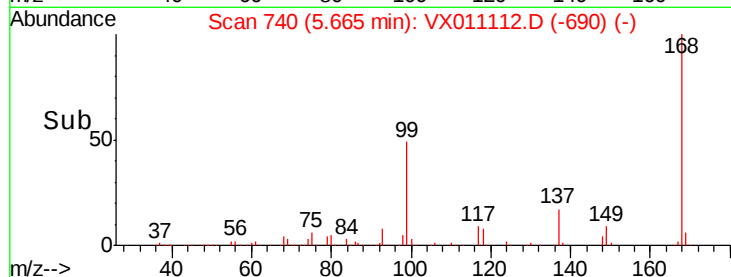
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.645 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX011112.D

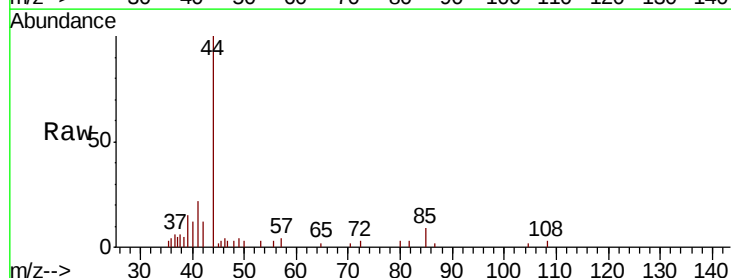
Acq: 27 Jul 2019 00:46

Tgt Ion: 85 Resp: 209

Ion Ratio Lower Upper

85 100

87 26.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250

200

150

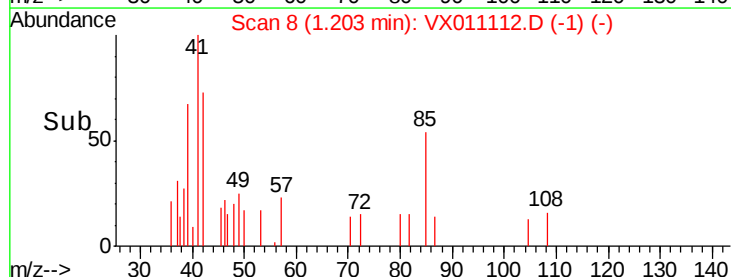
100

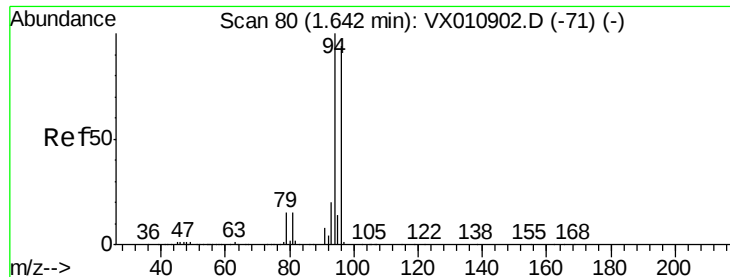
50

0

Time-->

1.16 1.18 1.20 1.22 1.24





#5

Bromomethane

Concen: 0.761 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

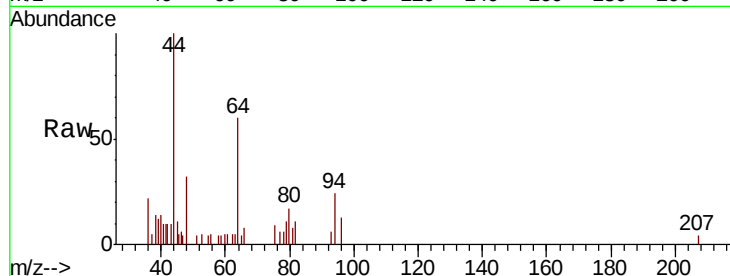
PB121723TB

Tot Ion: 94 Resp: 788

Ion Ratio Lower Upper

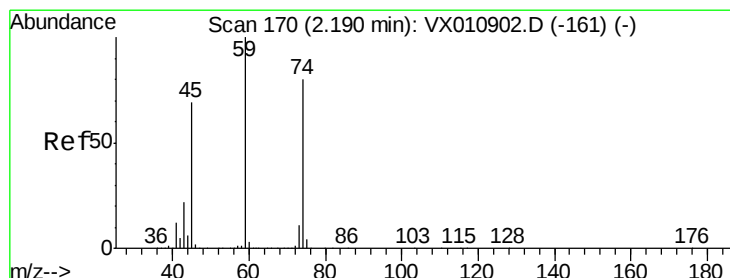
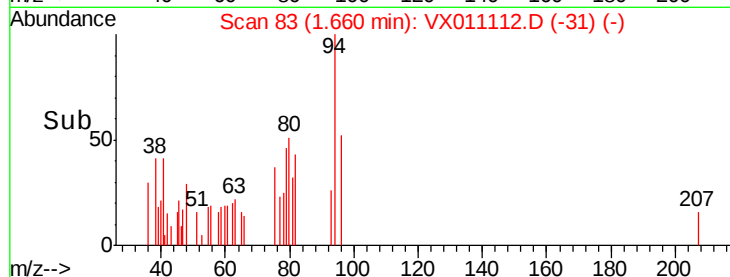
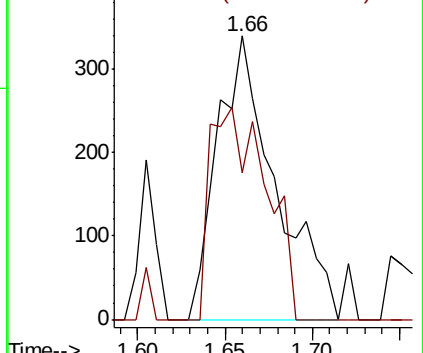
94 100

96 51.8 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: 0.625 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX011112.D

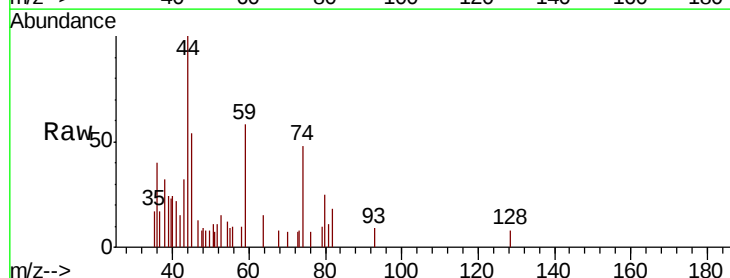
Acq: 27 Jul 2019 00:46

Tgt Ion: 74 Resp: 670

Ion Ratio Lower Upper

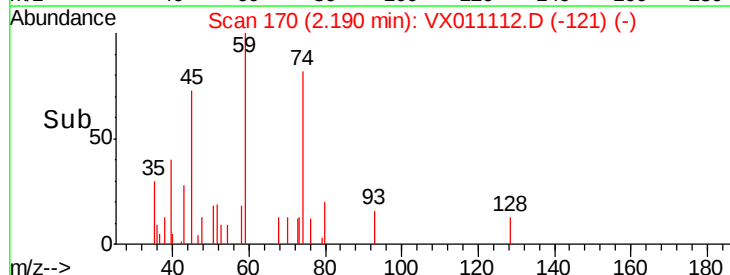
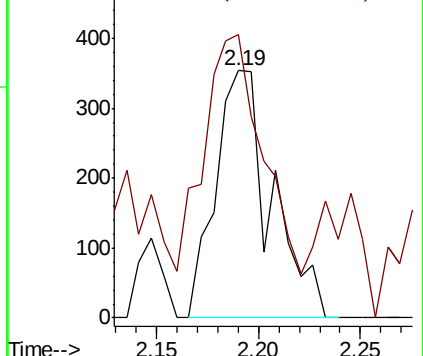
74 100

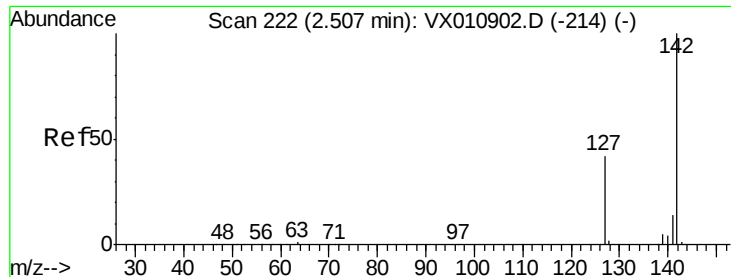
45 97.6 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

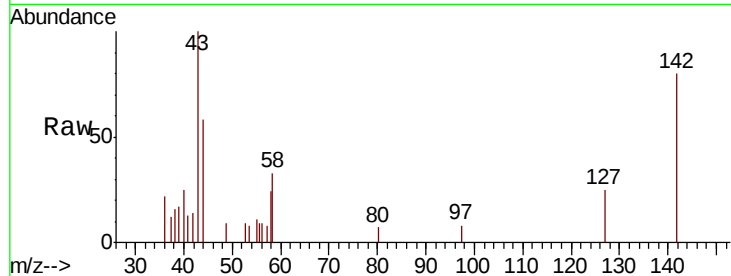




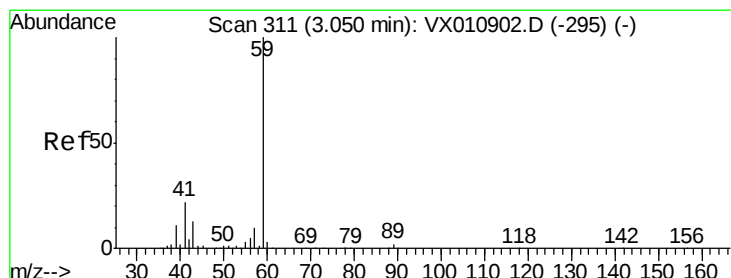
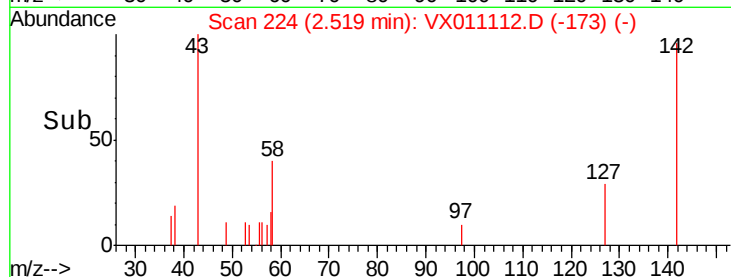
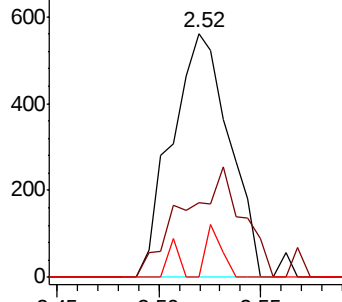
#10
Methvl Iodide
Concen: 0.471 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX011112.D
Acq: 27 Jul 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
PB121723TB

Tot Ion:142 Resp: 1099
Ion Ratio Lower Upper
142 100
127 46.3 34.2 51.4
141 6.0 11.7 17.5#

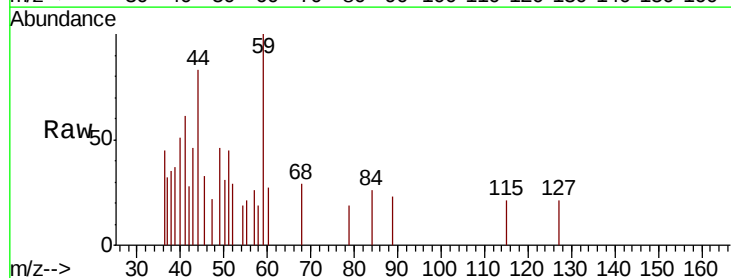


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

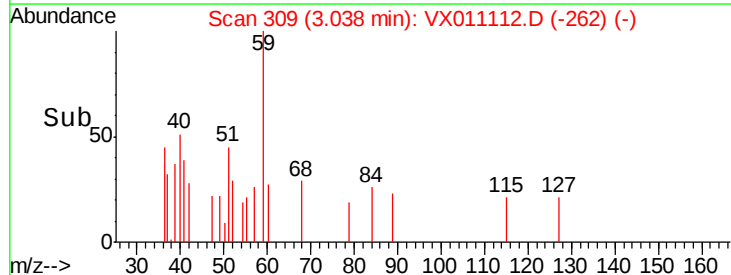
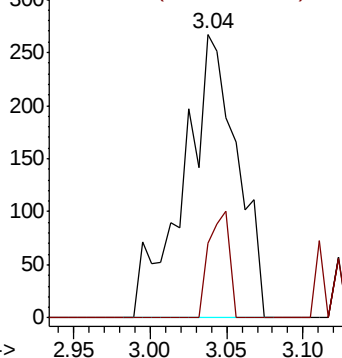


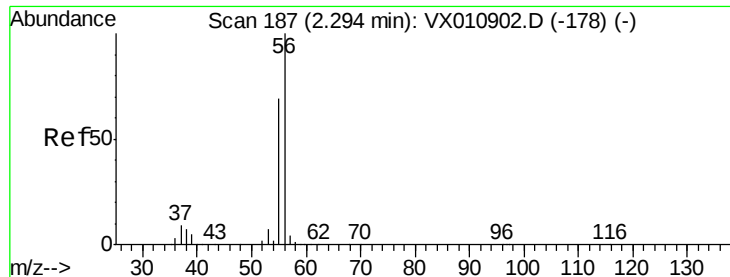
#11
Tert butyl alcohol
Concen: 1.337 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX011112.D
Acq: 27 Jul 2019 00:46

Tgt Ion: 59 Resp: 649
Ion Ratio Lower Upper
59 100
57 14.5 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

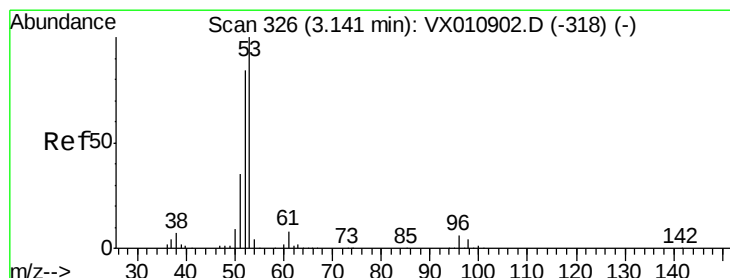
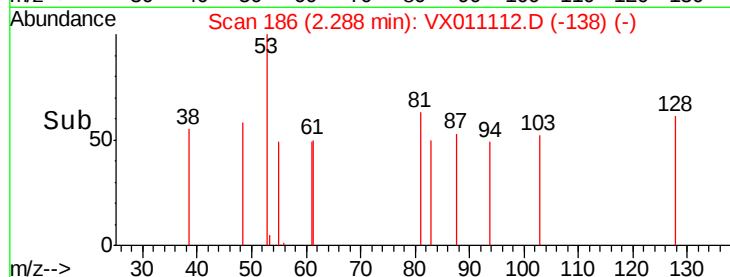
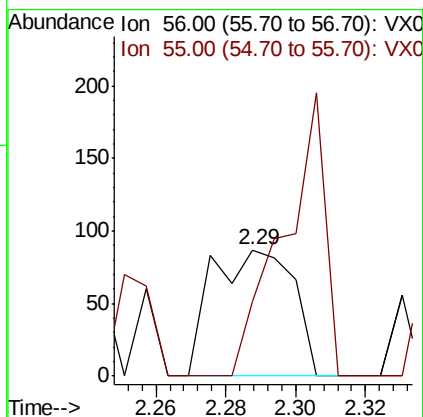
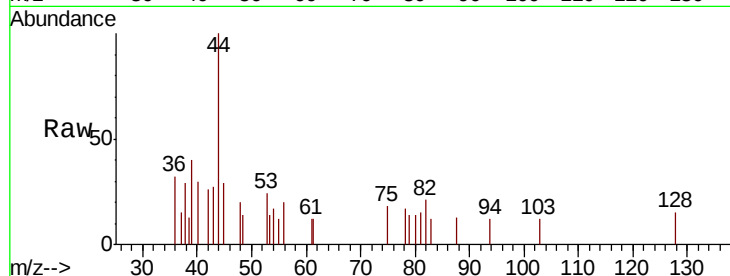




#13
Acrolein
Concen: 0.496 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX011112.D
Acq: 27 Jul 2019 00:46

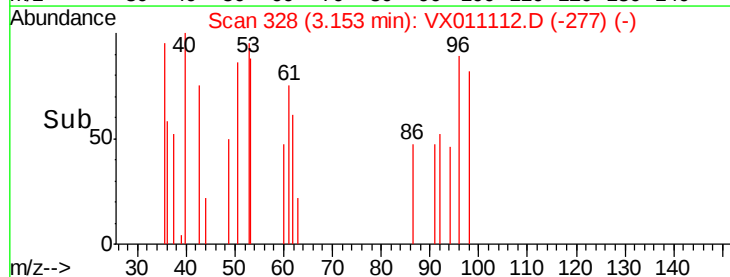
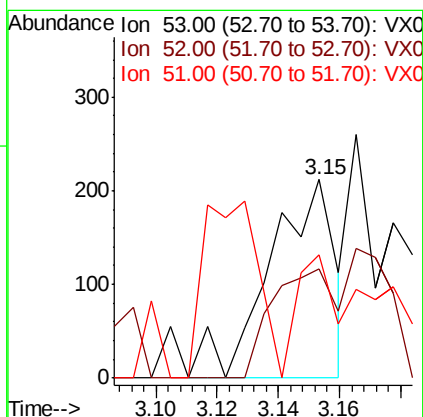
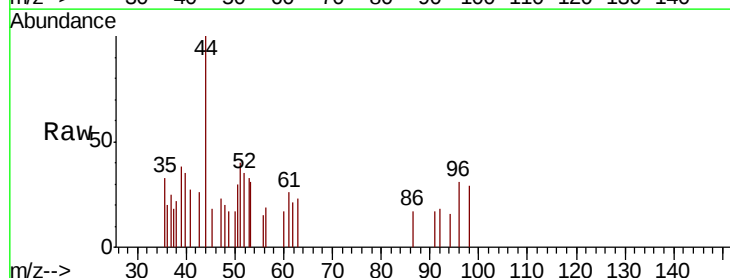
Instrument :
MSVOA_X
ClientSampled :
PB121723TB

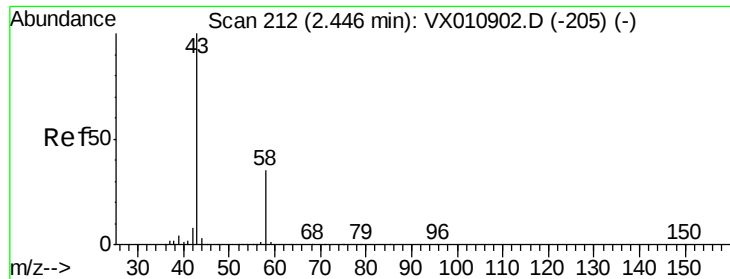
Tot Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
55 115.8 55.9 83.9#



#15
Acrylonitrile
Concen: 0.321 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX011112.D
Acq: 27 Jul 2019 00:46

Tgt Ion: 53 Resp: 315
Ion Ratio Lower Upper
53 100
52 53.7 66.5 99.7#
51 0.0 28.2 42.4#





#16

Acetone

Concen: 500.605 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

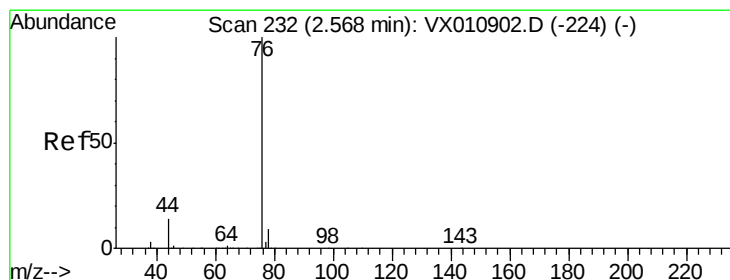
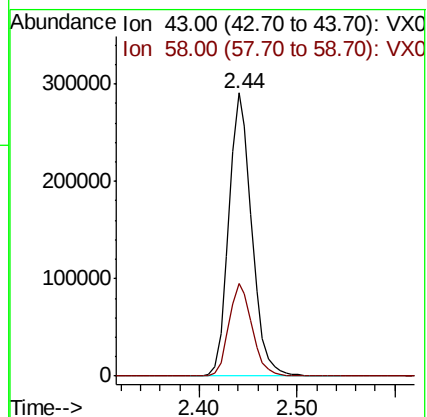
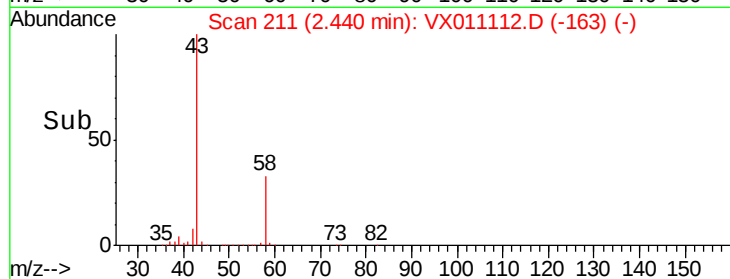
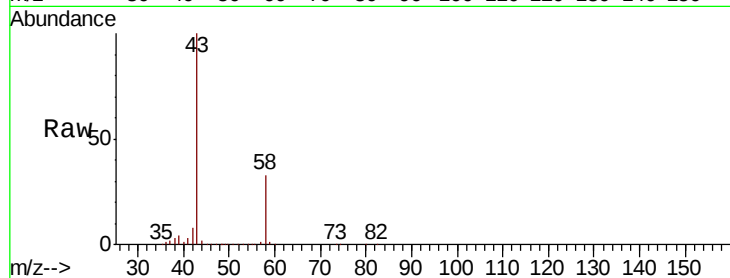
PB121723TB

Tot Ion: 43 Resp: 471351

Ion Ratio Lower Upper

43 100

58 32.7 27.7 41.5



#17

Carbon Disulfide

Concen: 0.296 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011112.D

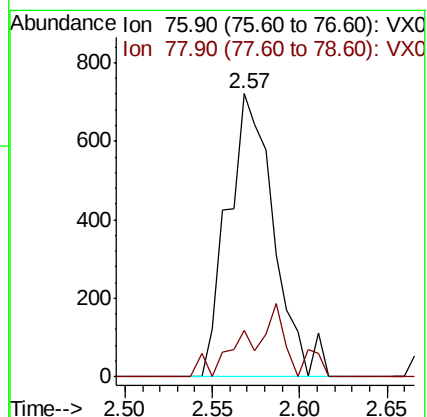
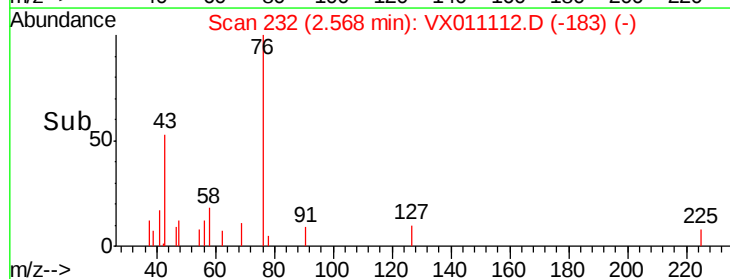
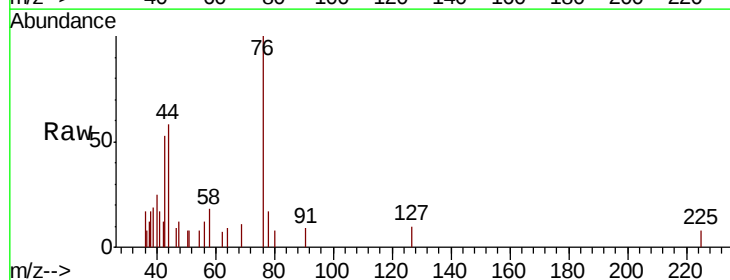
Acq: 27 Jul 2019 00:46

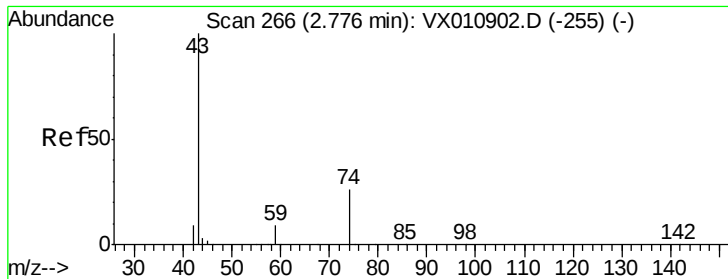
Tgt Ion: 76 Resp: 1326

Ion Ratio Lower Upper

76 100

78 16.5 7.4 11.0#

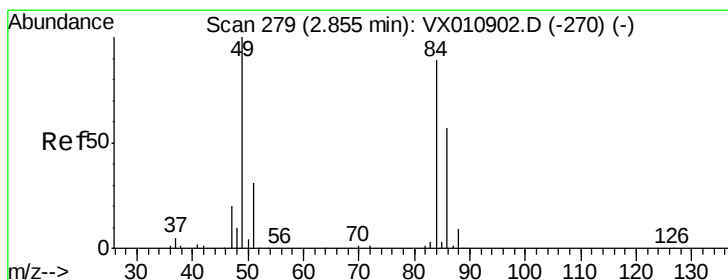
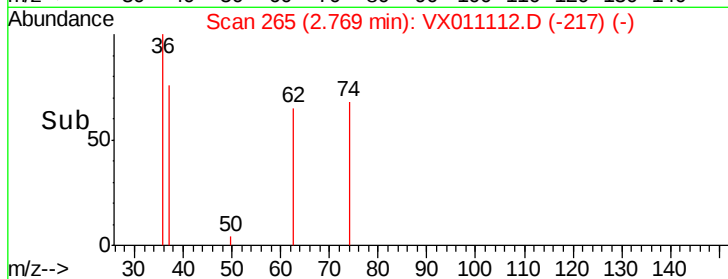
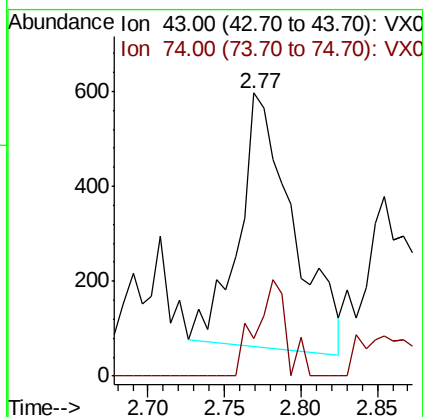
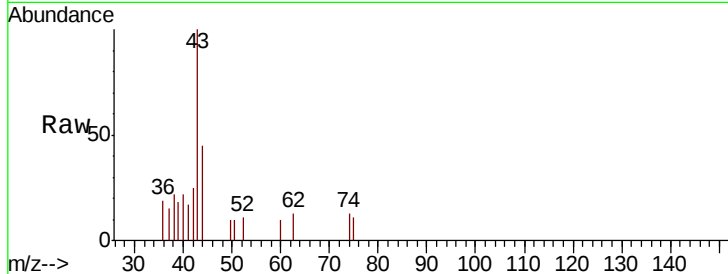




#18
Methyl Acetate
Concen: 0.609 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011112.D
Acq: 27 Jul 2019 00:46

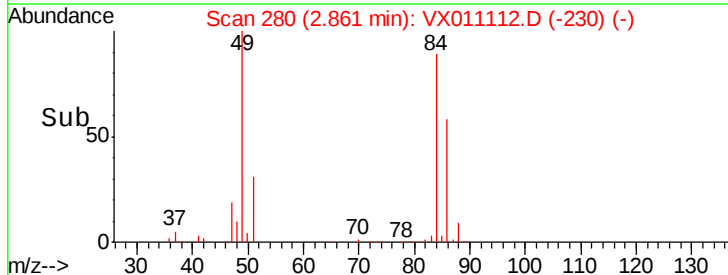
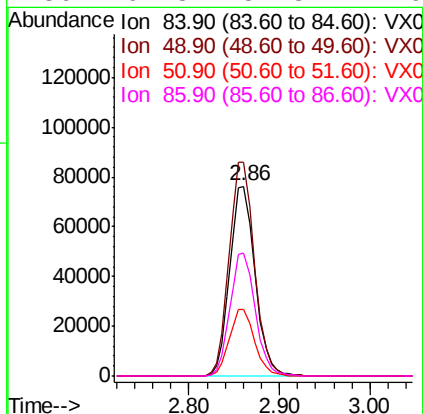
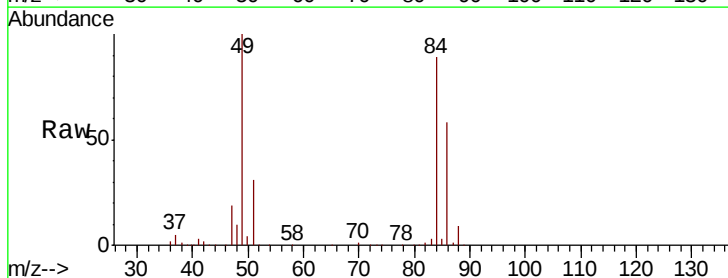
Instrument :
MSVOA_X
ClientSampled :
PB121723TB

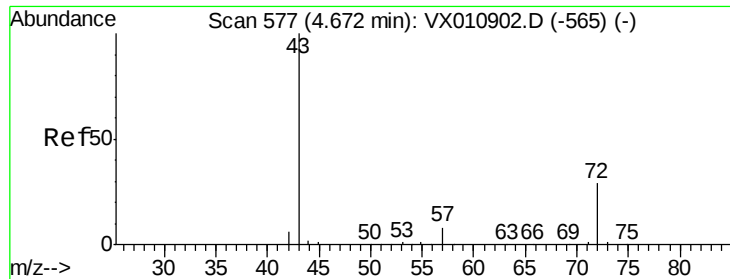
Tot Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
74 21.8 21.5 32.3



#20
Methylene Chloride
Concen: 74.145 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011112.D
Acq: 27 Jul 2019 00:46

Tgt Ion: 84 Resp: 147947
Ion Ratio Lower Upper
84 100
49 112.3 89.9 134.9
51 34.9 27.8 41.6
86 64.8 51.8 77.6





#25

2-Butanone

Concen: 1.784 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

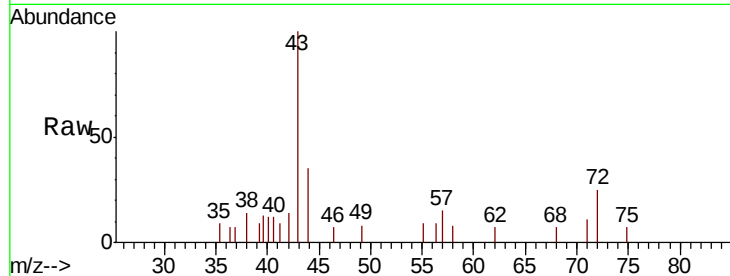
PB121723TB

Tot Ion: 43 Resp: 2411

Ion Ratio Lower Upper

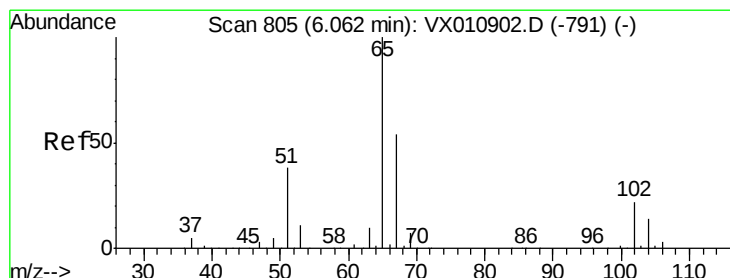
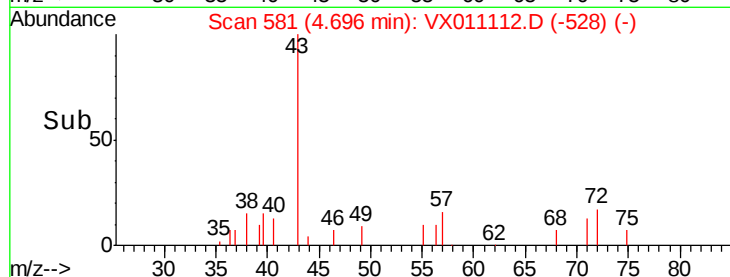
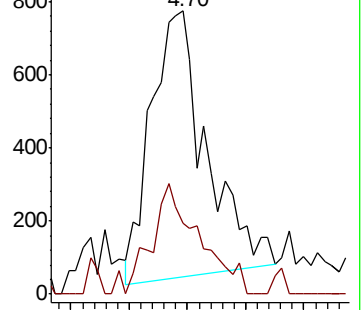
43 100

72 27.9 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.016 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011112.D

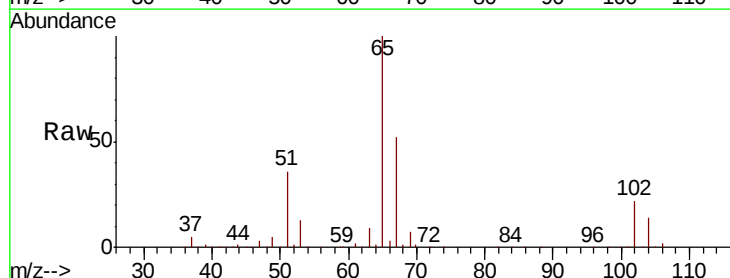
Acq: 27 Jul 2019 00:46

Tgt Ion: 65 Resp: 108439

Ion Ratio Lower Upper

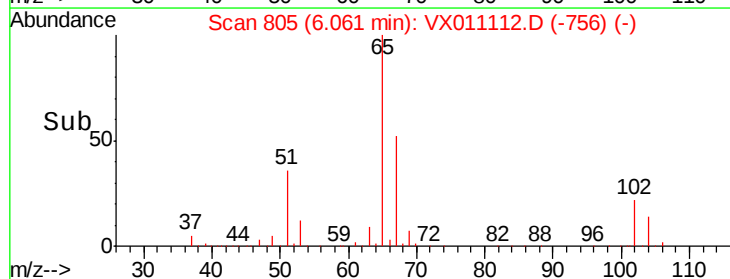
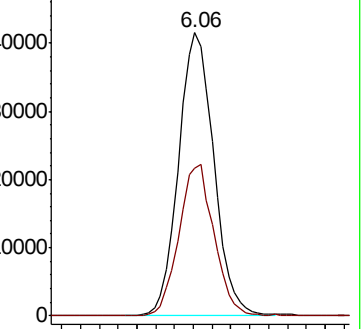
65 100

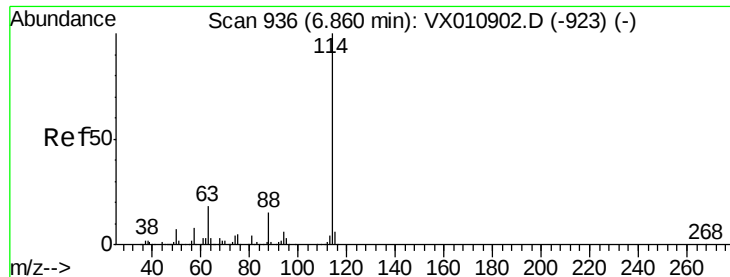
67 53.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723TB

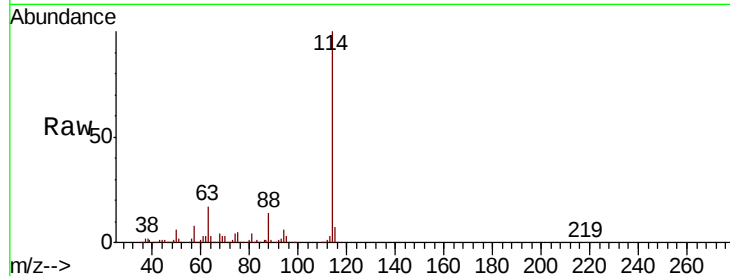
Tot Ion:114 Resp: 318243

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.6

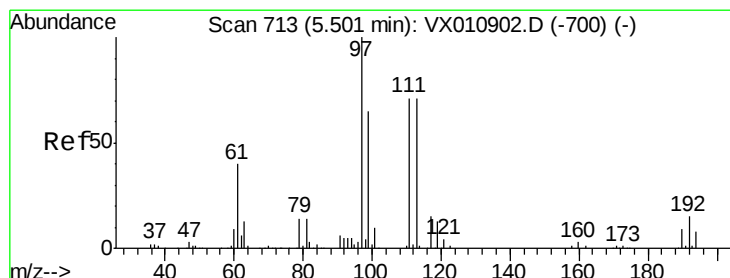
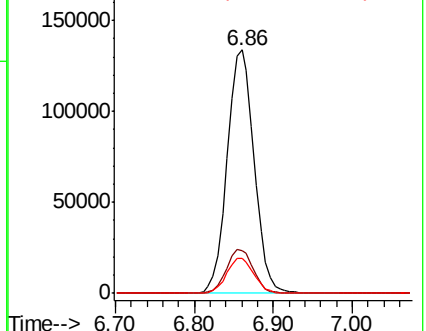
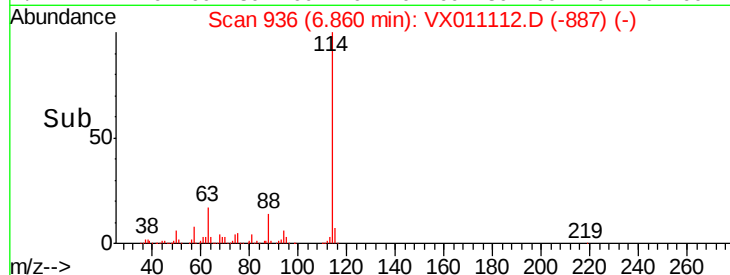
88 14.2 0.0 29.8



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: 48.777 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

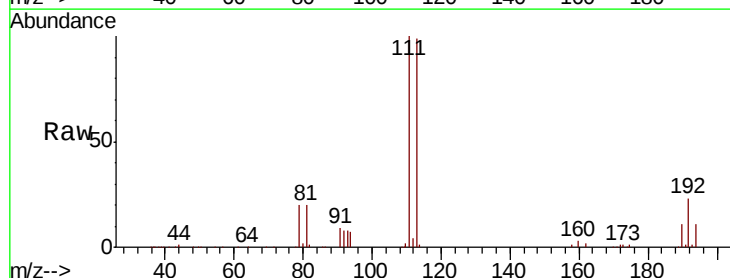
Tgt Ion:113 Resp: 98527

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

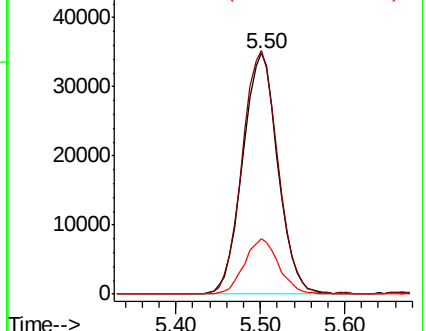
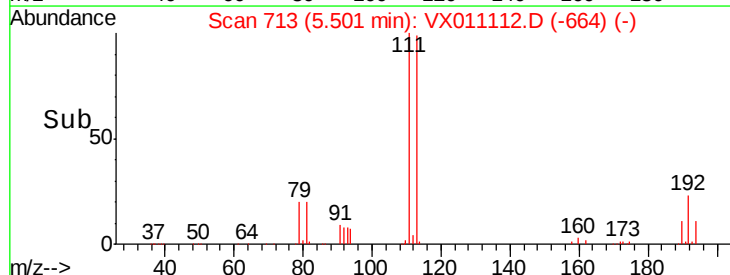
192 22.5 17.4 26.2

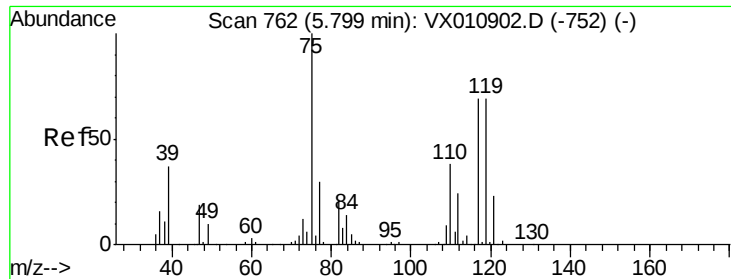


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.011 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723TB

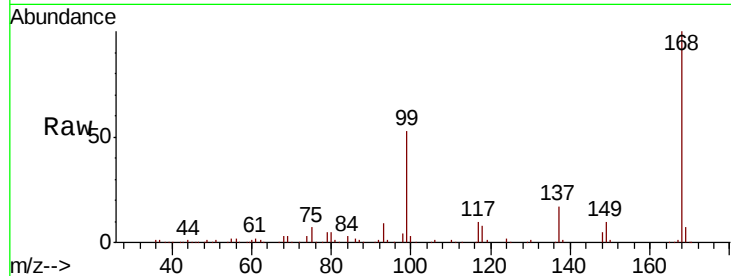
Tot Ion: 75 Resp: 13098

Ion Ratio Lower Upper

75 100

110 11.5 19.9 59.7#

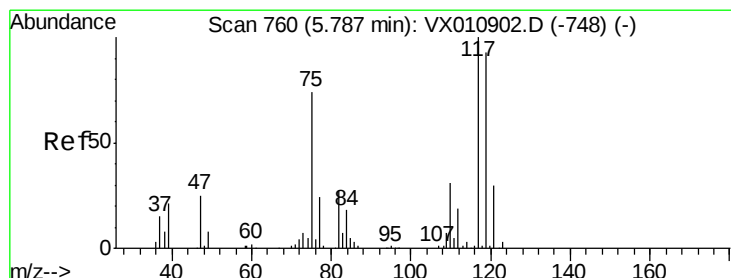
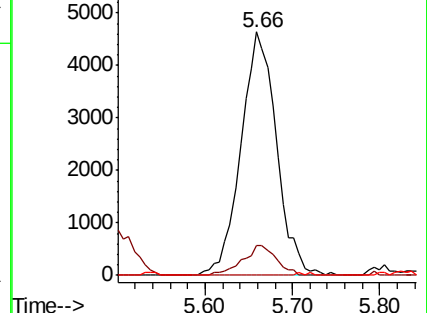
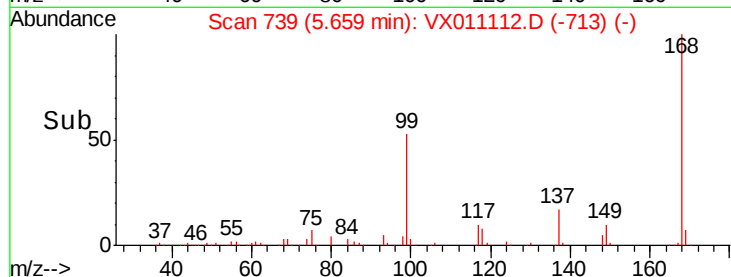
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.645 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

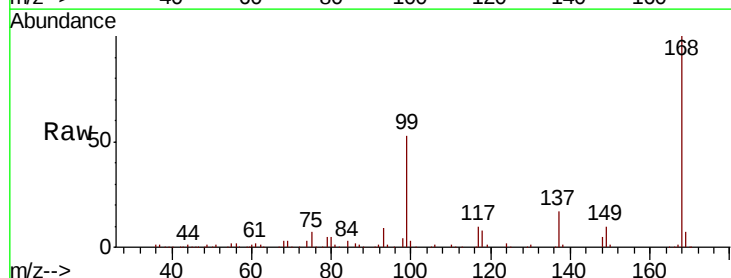
Tgt Ion: 117 Resp: 18101

Ion Ratio Lower Upper

117 100

119 5.9 74.2 111.2#

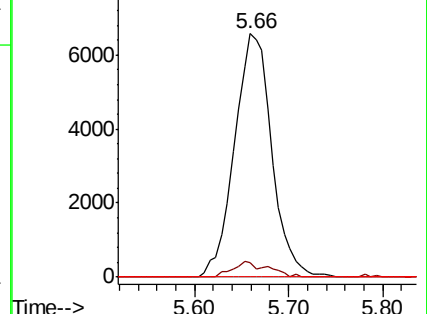
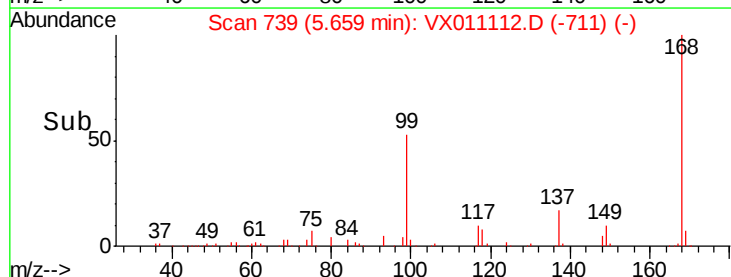
121 0.0 24.2 36.2#

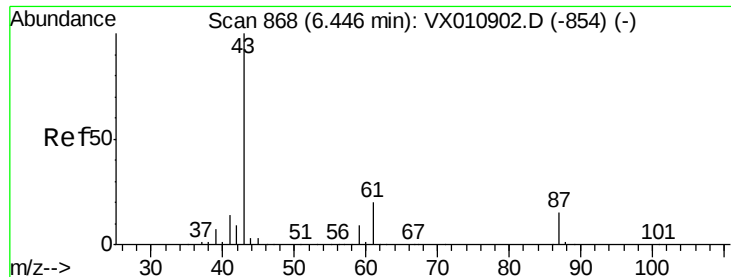


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.797 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723TB

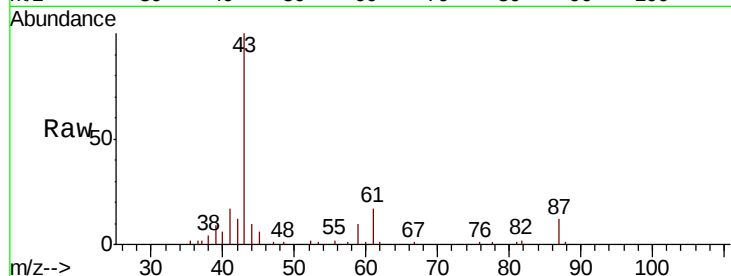
Tot Ion: 43 Resp: 12309

Ion Ratio Lower Upper

43 100

61 20.2 17.1 25.7

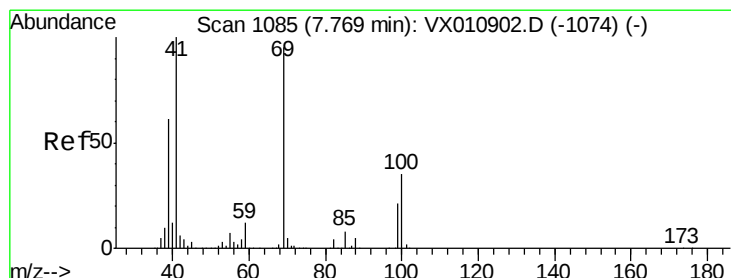
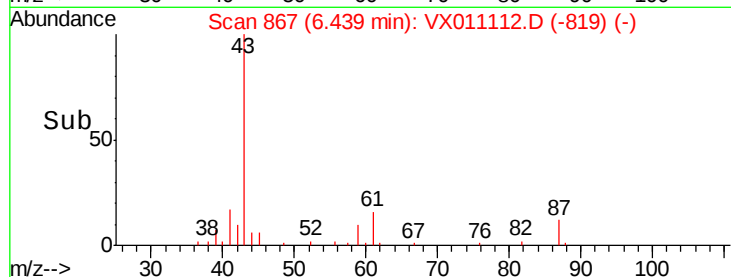
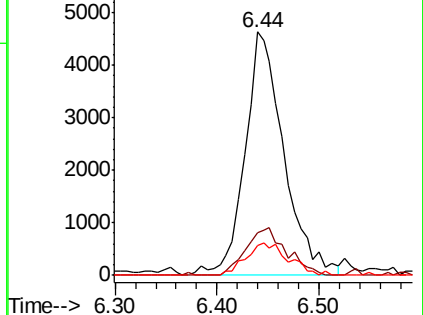
87 14.4 12.0 18.0



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



#48

Methyl methacrylate

Concen: 2.493 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

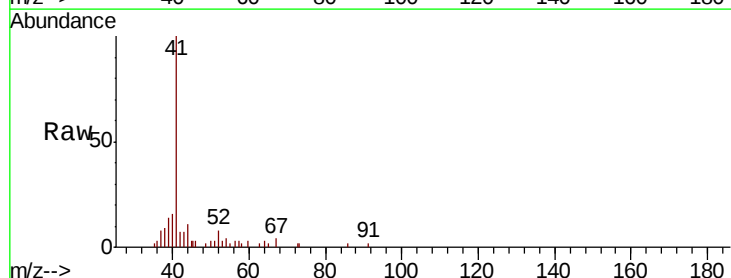
Tgt Ion: 41 Resp: 5345

Ion Ratio Lower Upper

41 100

69 0.0 74.4 111.6#

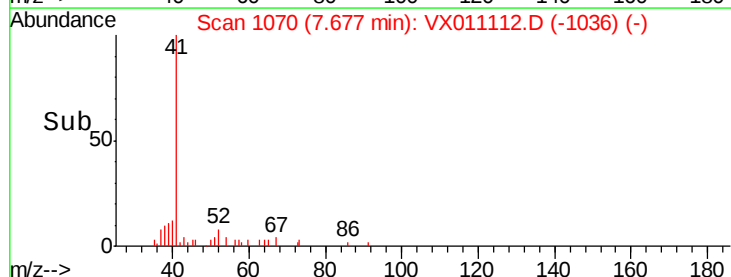
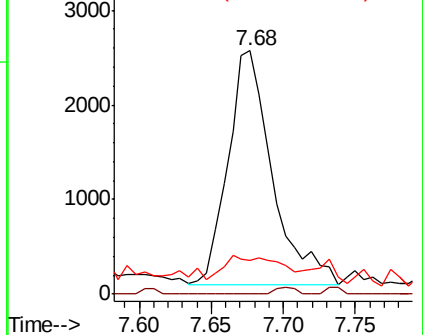
39 0.0 48.9 73.3#

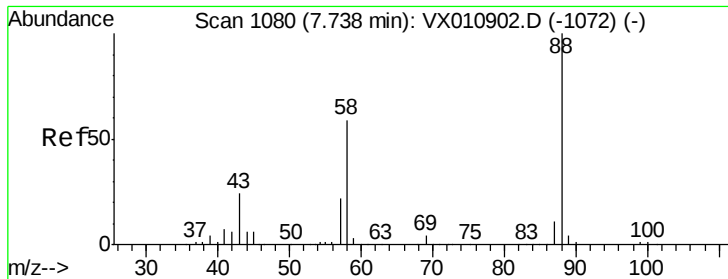


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

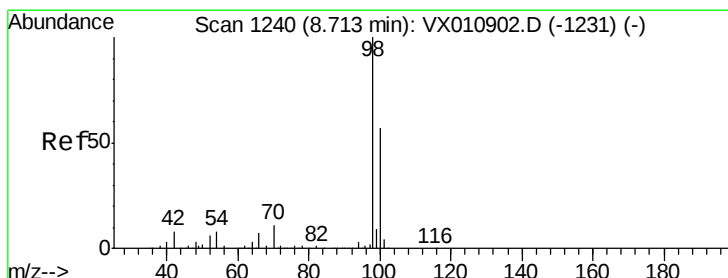
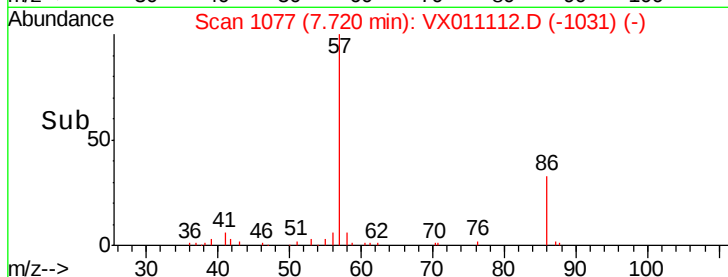
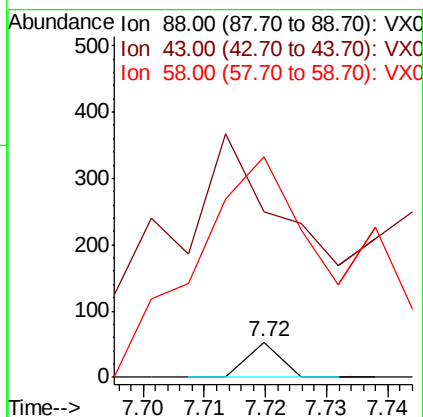
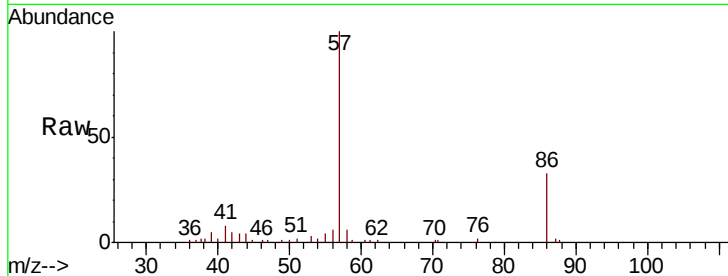




#49
 1,4-Dioxane
 Concen: 0.317 ug/l
 RT: 7.72 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: VX011112.D
 Acq: 27 Jul 2019 00:46

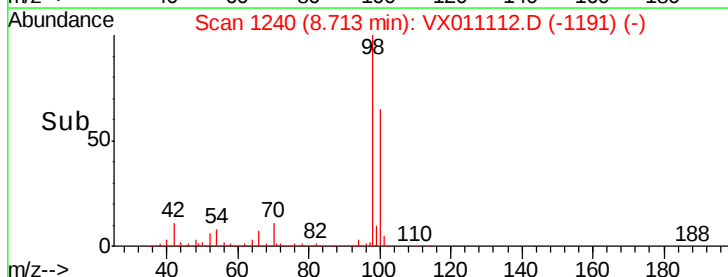
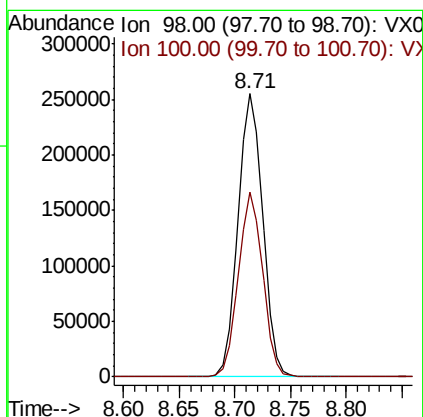
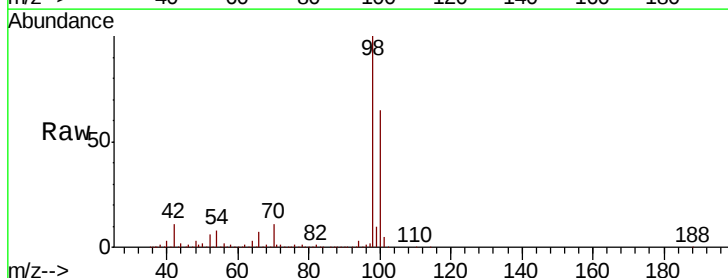
Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723TB

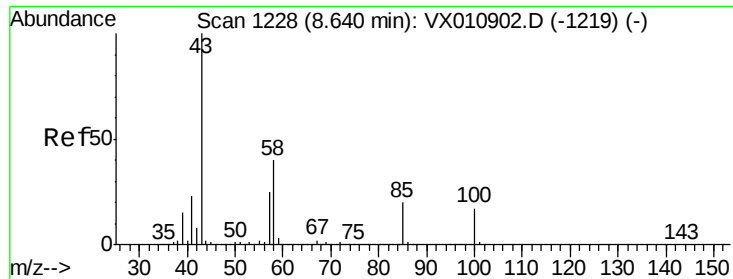
Tot Ion: 88 Resp: 19
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.9 34.3#
 58 2989.5 49.8 74.8#



#50
 Toluene-d8
 Concen: 51.903 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011112.D
 Acq: 27 Jul 2019 00:46

Tgt Ion: 98 Resp: 393220
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.6 75.8





#51

4-Methyl-2-Pentanone

Concen: 20.382 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

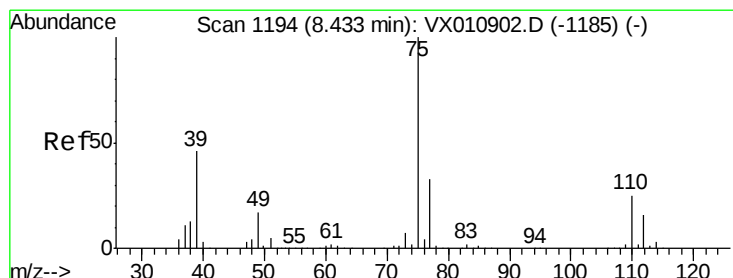
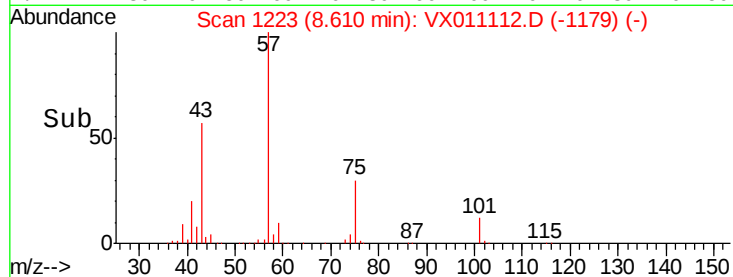
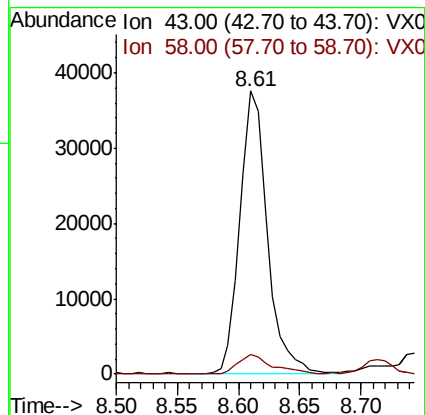
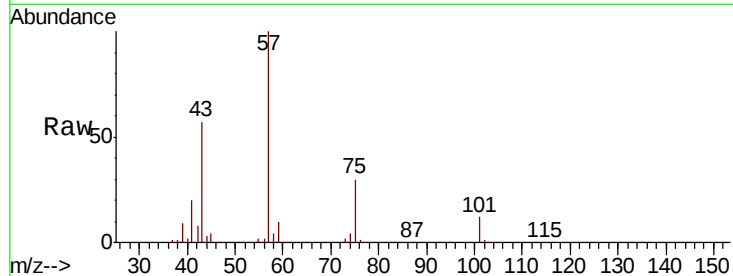
PB121723TB

Tot Ion: 43 Resp: 58153

Ion Ratio Lower Upper

43 100

58 9.0 32.2 48.4#



#54

cis-1,3-Dichloropropene

Concen: 9.719 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

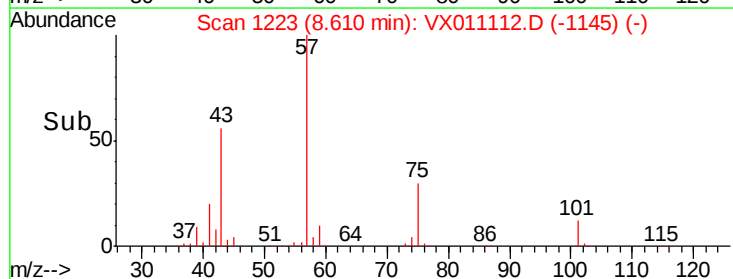
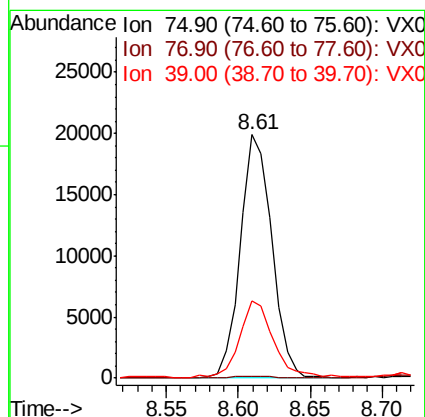
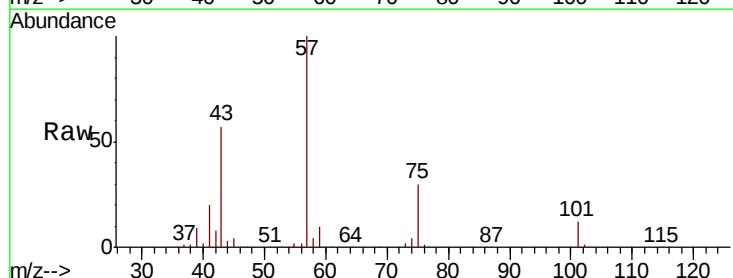
Tgt Ion: 75 Resp: 30147

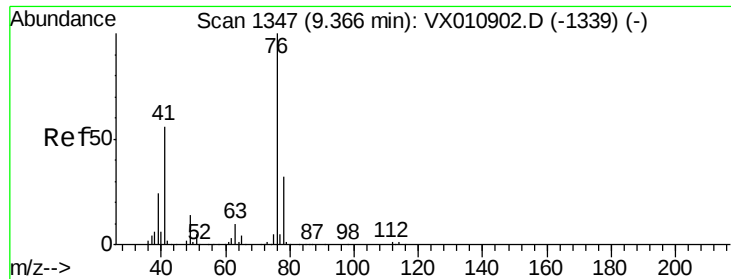
Ion Ratio Lower Upper

75 100

77 0.8 26.1 39.1#

39 31.1 36.6 54.8#





#57

1,3-Dichloropropane

Concen: 2.191 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.17 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

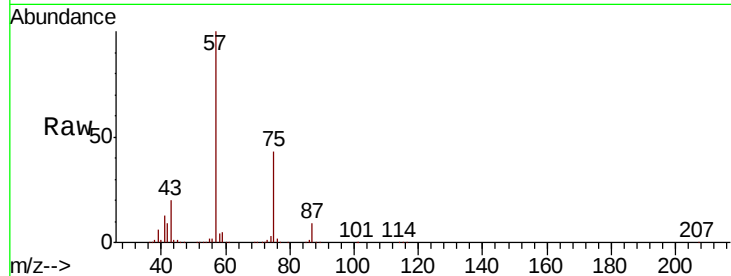
PB121723TB

Tot Ion: 76 Resp: 7528

Ion Ratio Lower Upper

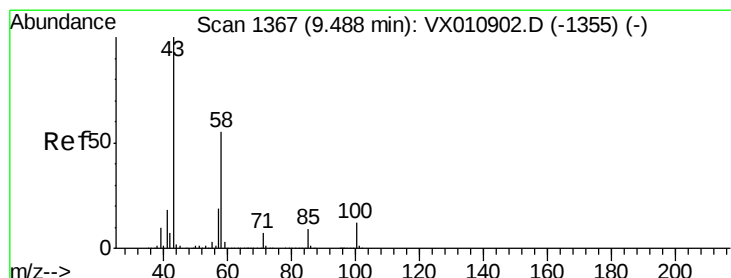
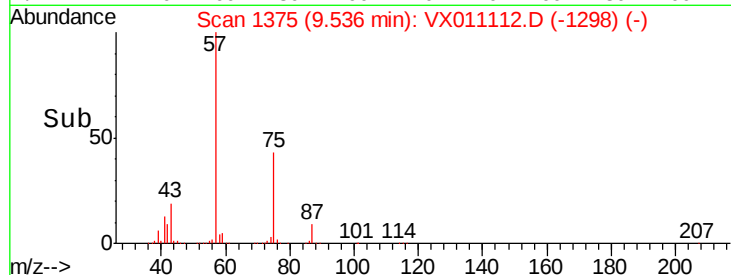
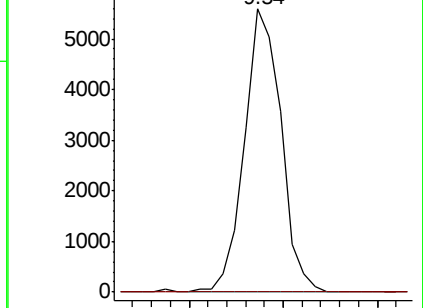
76 100

78 0.0 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: 41.858 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.05 min

Lab File: VX011112.D

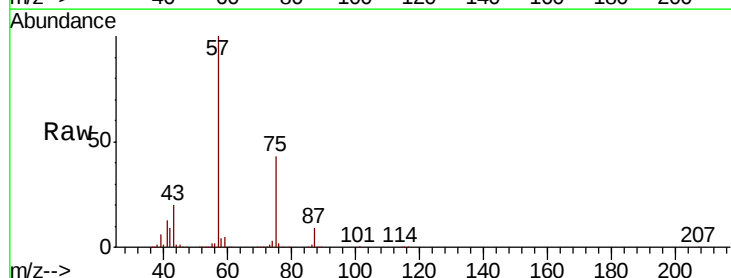
Acq: 27 Jul 2019 00:46

Tgt Ion: 43 Resp: 92630

Ion Ratio Lower Upper

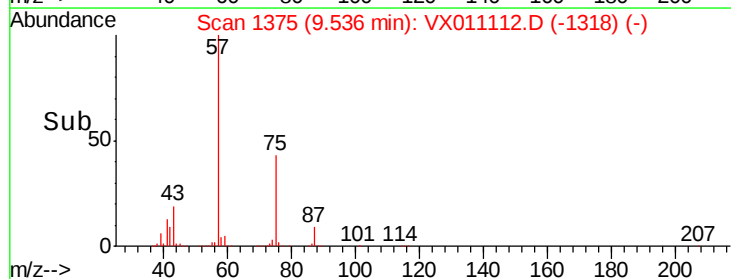
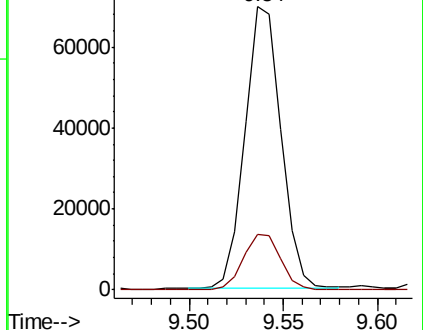
43 100

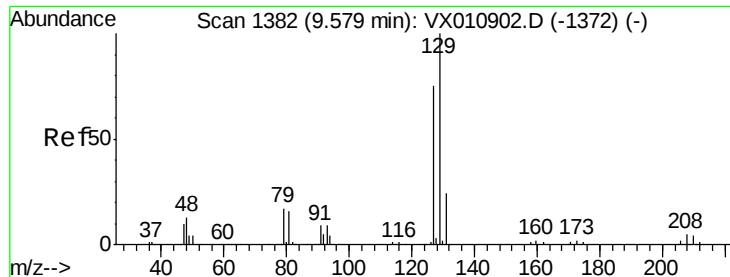
58 20.9 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

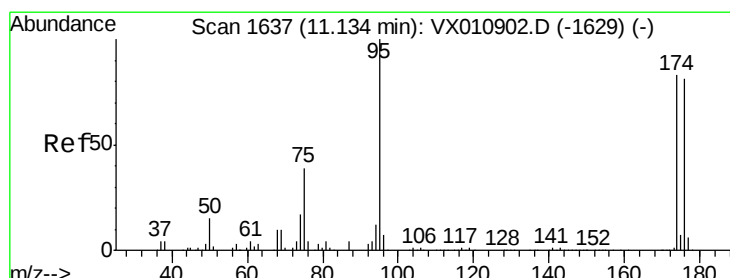
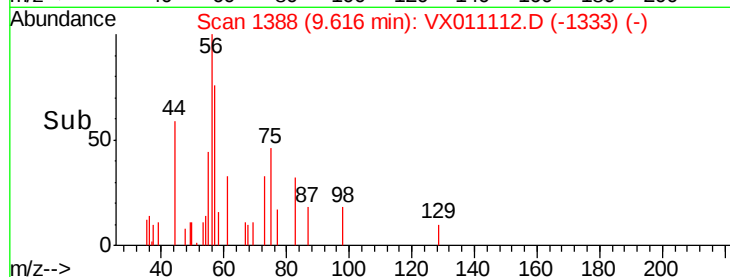
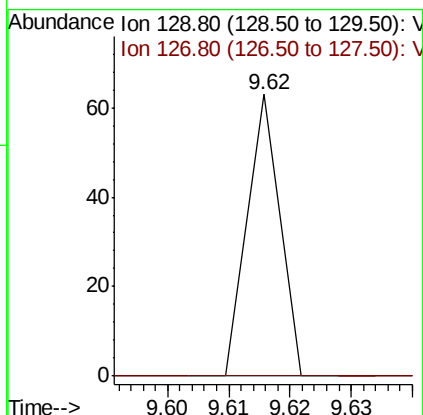
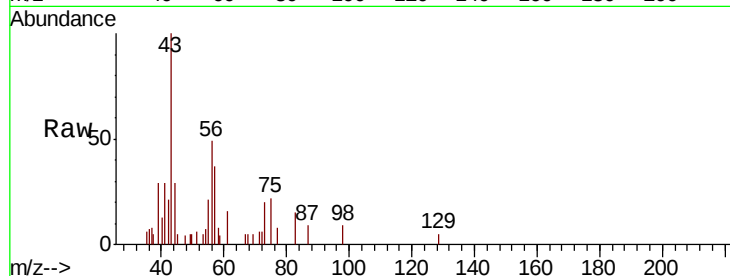




#60
 Dibromochloromethane
 Concen: 2.537 ug/l
 RT: 9.62 min Scan# 1388
 Delta R.T. 0.04 min
 Lab File: VX011112.D
 Acq: 27 Jul 2019 00:46

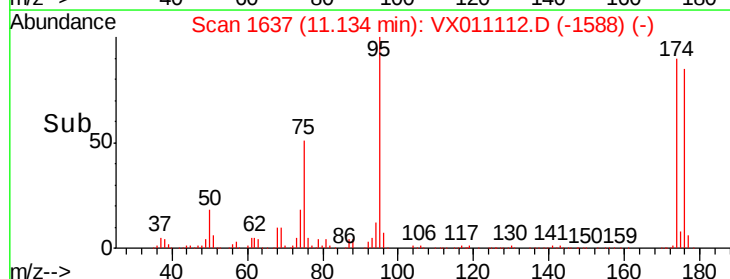
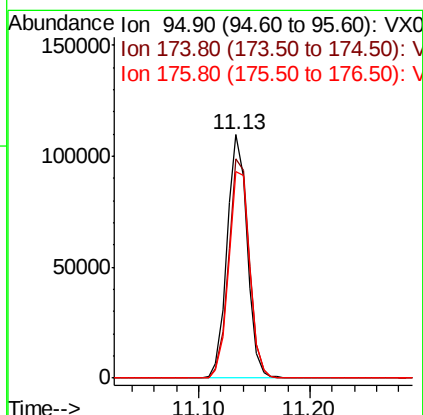
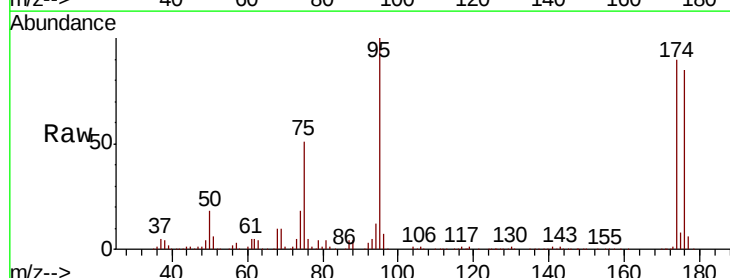
Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723TB

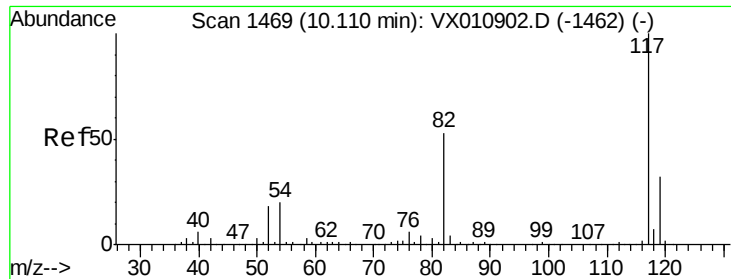
Tot Ion:129 Resp: 23
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 115.8#



#62
 4-Bromofluorobenzene
 Concen: 49.180 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011112.D
 Acq: 27 Jul 2019 00:46

Tgt Ion: 95 Resp: 136954
 Ion Ratio Lower Upper
 95 100
 174 92.9 0.0 180.6
 176 88.7 0.0 173.8

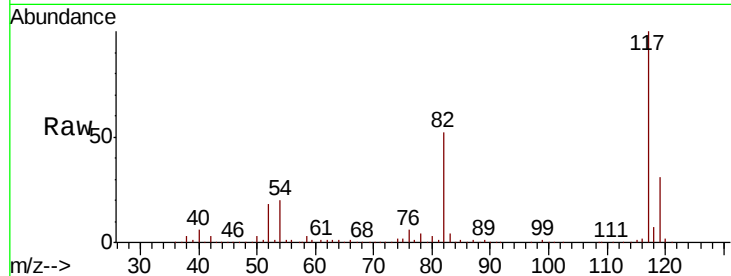




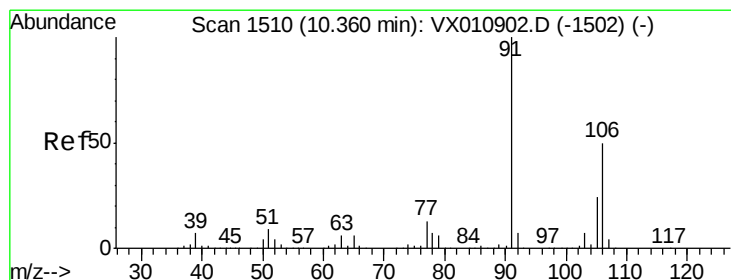
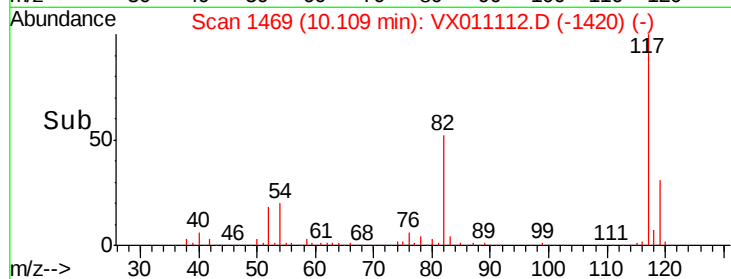
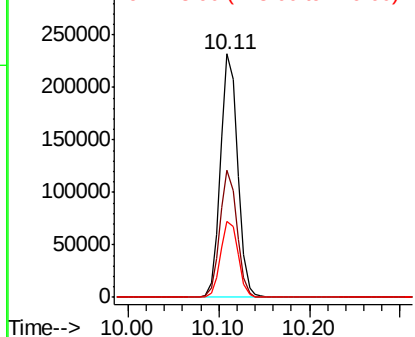
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011112.D
Acq: 27 Jul 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
PB121723TB

Tot Ion:117 Resp: 307977
Ion Ratio Lower Upper
117 100
82 52.2 42.6 63.8
119 31.3 25.9 38.9

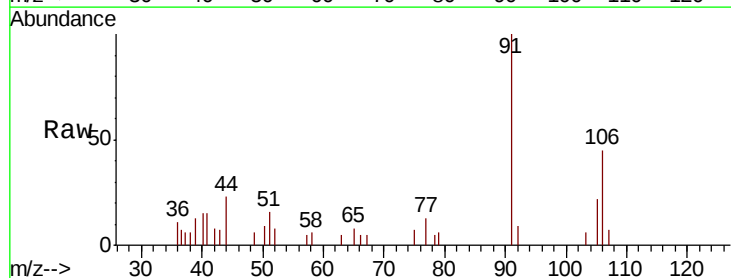


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

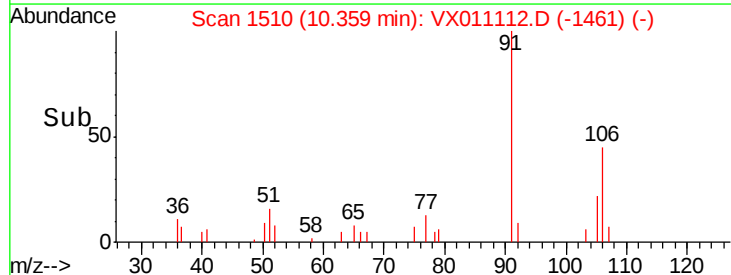
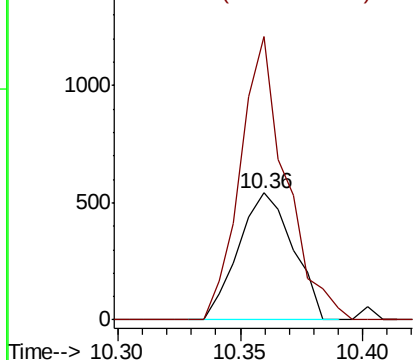


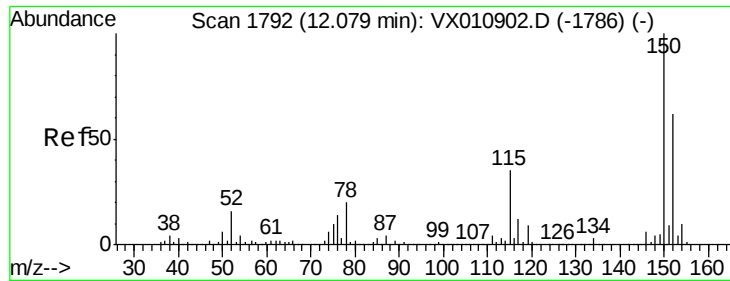
#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011112.D
Acq: 27 Jul 2019 00:46

Tgt Ion:106 Resp: 844
Ion Ratio Lower Upper
106 100
91 187.2 160.1 240.1



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



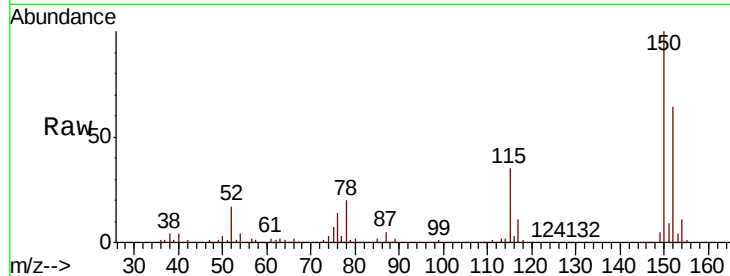


#72

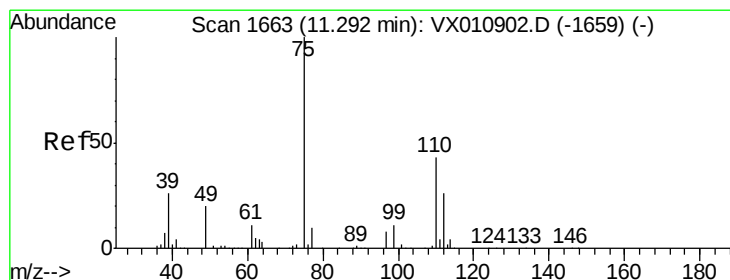
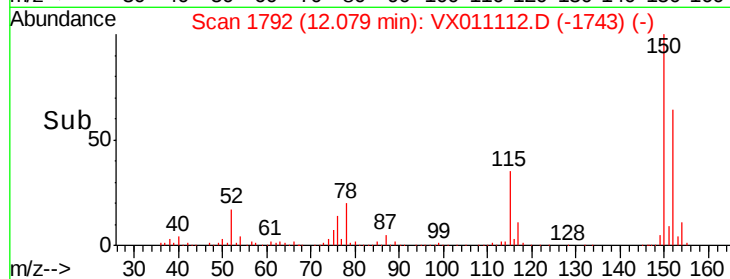
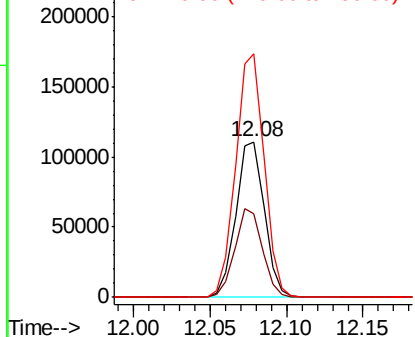
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011112.D
Acq: 27 Jul 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
PB121723TB

Tot Ion:152 Resp: 142621
Ion Ratio Lower Upper
152 100
115 55.8 39.7 119.1
150 156.4 0.0 345.6



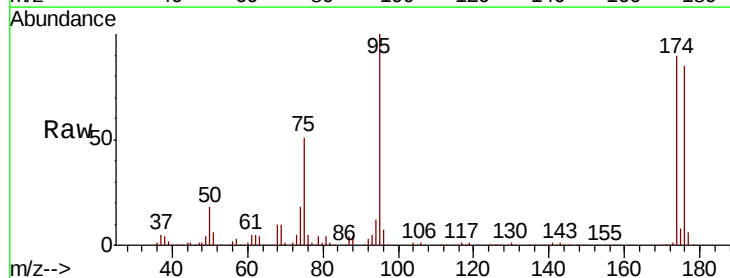
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



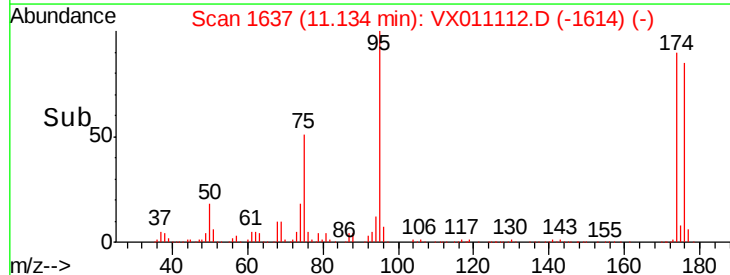
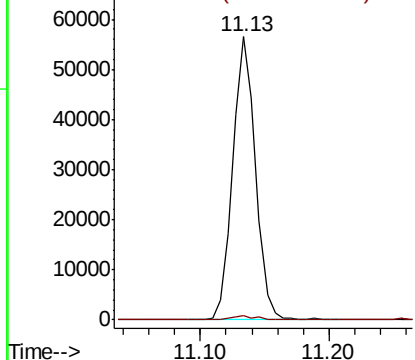
#76

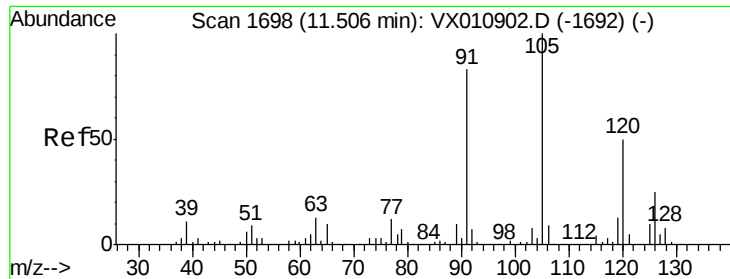
1,2,3-Trichloropropane
Concen: 27.189 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011112.D
Acq: 27 Jul 2019 00:46

Tgt Ion: 75 Resp: 69975
Ion Ratio Lower Upper
75 100
77 1.5 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0

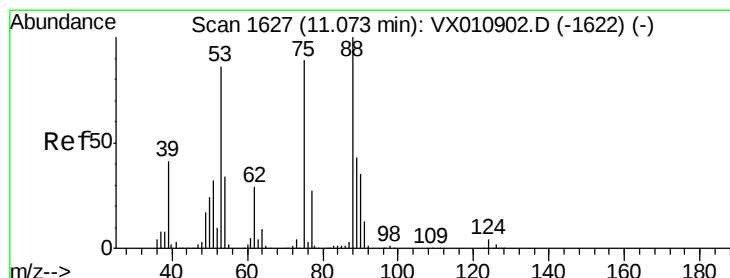
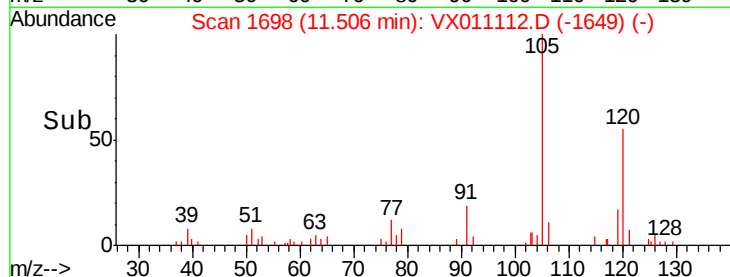
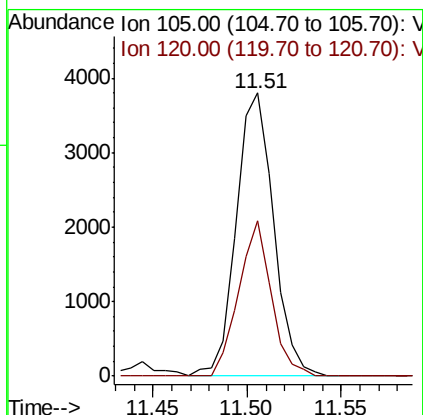
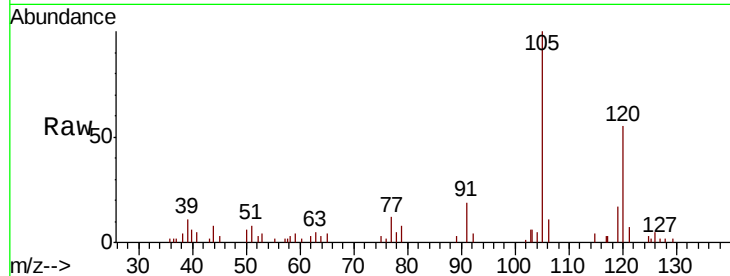




#80
 1,3,5-Trimethylbenzene
 Concen: 0.649 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011112.D
 Acq: 27 Jul 2019 00:46

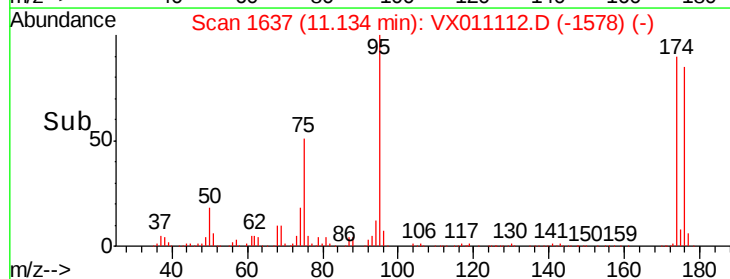
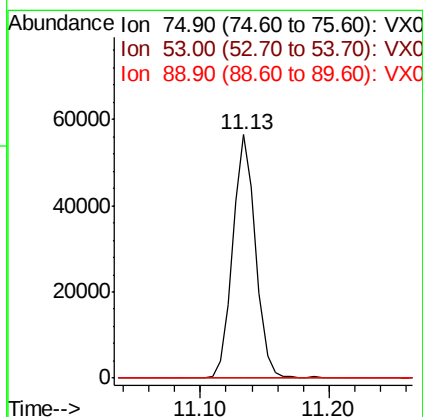
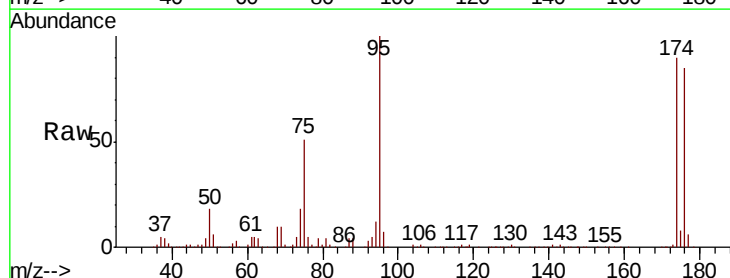
Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723TB

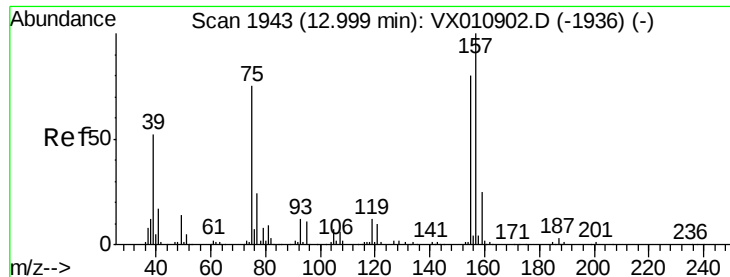
Tot Ion:105 Resp: 5223
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.381 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011112.D
 Acq: 27 Jul 2019 00:46

Tgt Ion: 75 Resp: 69975
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.7 115.1#
 89 0.0 38.5 57.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.350 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampled :

PB121723TB

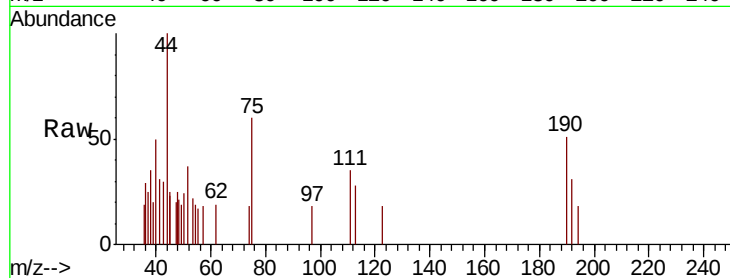
Tot Ion: 75 Resp: 231

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 62.5 187.6#



Abundance Ion 74.90 (74.60 to 75.60): VX011112.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX011112.D (-1894) (-)

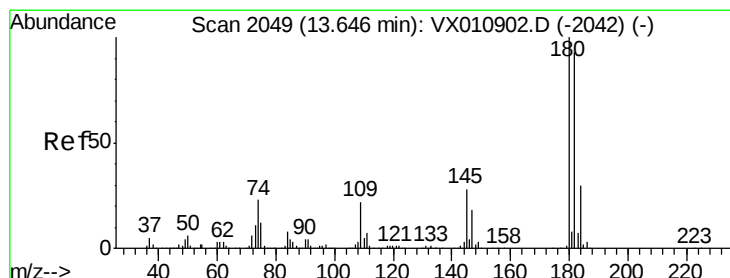
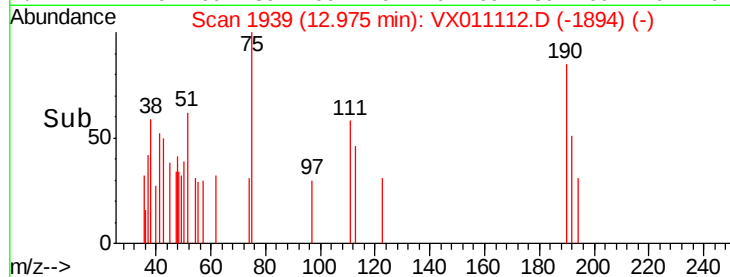
Ion 156.80 (156.50 to 157.50): VX011112.D (-1894) (-)

12.97

12.95

13.00

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.205 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX011112.D

Acq: 27 Jul 2019 00:46

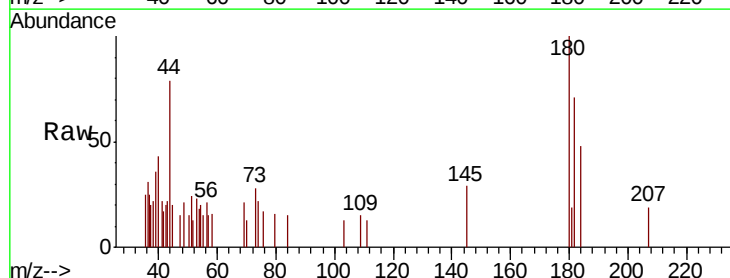
Tgt Ion: 180 Resp: 635

Ion Ratio Lower Upper

180 100

182 99.8 47.1 141.3

145 29.9 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): VX011112.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX011112.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX011112.D (-2000) (-)

13.65

13.60

13.65

Time-->

