

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004980.D
 Acq On : 03 Oct 2018 20:14
 Operator : JC/MD
 Sample : PB113446ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#06

Quant Time: Oct 04 01:26:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	455535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	444210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256600	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	191857	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	168660	43.69	ug/l	0.00
Spiked Amount			Recovery	=	87.38%	
50) Toluene-d8	8.72	98	644141	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.14	95	247172	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	293	Below Cal	#	72
11) Tert butyl alcohol	3.01	59	7927	7.183	ug/l #	78
16) Acetone	2.45	43	33596	14.580	ug/l	91
18) Methyl Acetate	2.78	43	14865	2.546	ug/l	97
20) Methylene Chloride	2.85	84	5800	0.907	ug/l	86
25) 2-Butanone	4.71	43	8368	2.464	ug/l	97
29) Tetrahydrofuran	5.17	42	2583	1.224	ug/l	88
36) 1,1-Dichloropropene	5.66	75	18117	3.439	ug/l #	38
37) Ethyl Acetate	4.71	43	8368	1.197	ug/l #	69
38) Carbon Tetrachloride	5.66	117	24303	4.389	ug/l #	18
43) Isopropyl Acetate	6.46	43	238023	23.585	ug/l	96
48) Methyl methacrylate	7.68	41	9931	2.168	ug/l #	22
51) 4-Methyl-2-Pentanone	8.62	43	3319	0.522	ug/l #	37
52) Toluene	8.79	92	9219	1.017	ug/l	93
54) cis-1,3-Dichloropropene	8.62	75	1618	0.287	ug/l #	59
56) Ethyl methacrylate	9.27	69	155	2.885	ug/l #	52
59) 2-Hexanone	9.55	43	15215	2.873	ug/l #	54
67) Ethyl Benzene	10.25	91	10729	0.593	ug/l	94
68) m/p-Xylenes	10.36	106	21086	2.984	ug/l	94
69) o-Xylene	10.70	106	7321	1.128	ug/l	98
70) Styrene	10.70	104	812	2.204	ug/l #	1
74) N-amyl acetate	10.91	43	338	1.785	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	118763	20.650	ug/l #	35
78) n-propylbenzene	11.36	91	7412	0.399	ug/l	100
79) 2-Chlorotoluene	11.44	91	4194	0.363	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	13240	0.698	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.14	75	118763	56.068	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	39782	2.414	ug/l	98
85) sec-Butylbenzene	11.81	105	39782	2.453	ug/l #	56
89) n-Butylbenzene	12.39	91	3906	0.293	ug/l #	42
90) Hexachloroethane	12.58	117	490	0.200	ug/l #	1
95) Naphthalene	13.83	128	11602	1.255	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

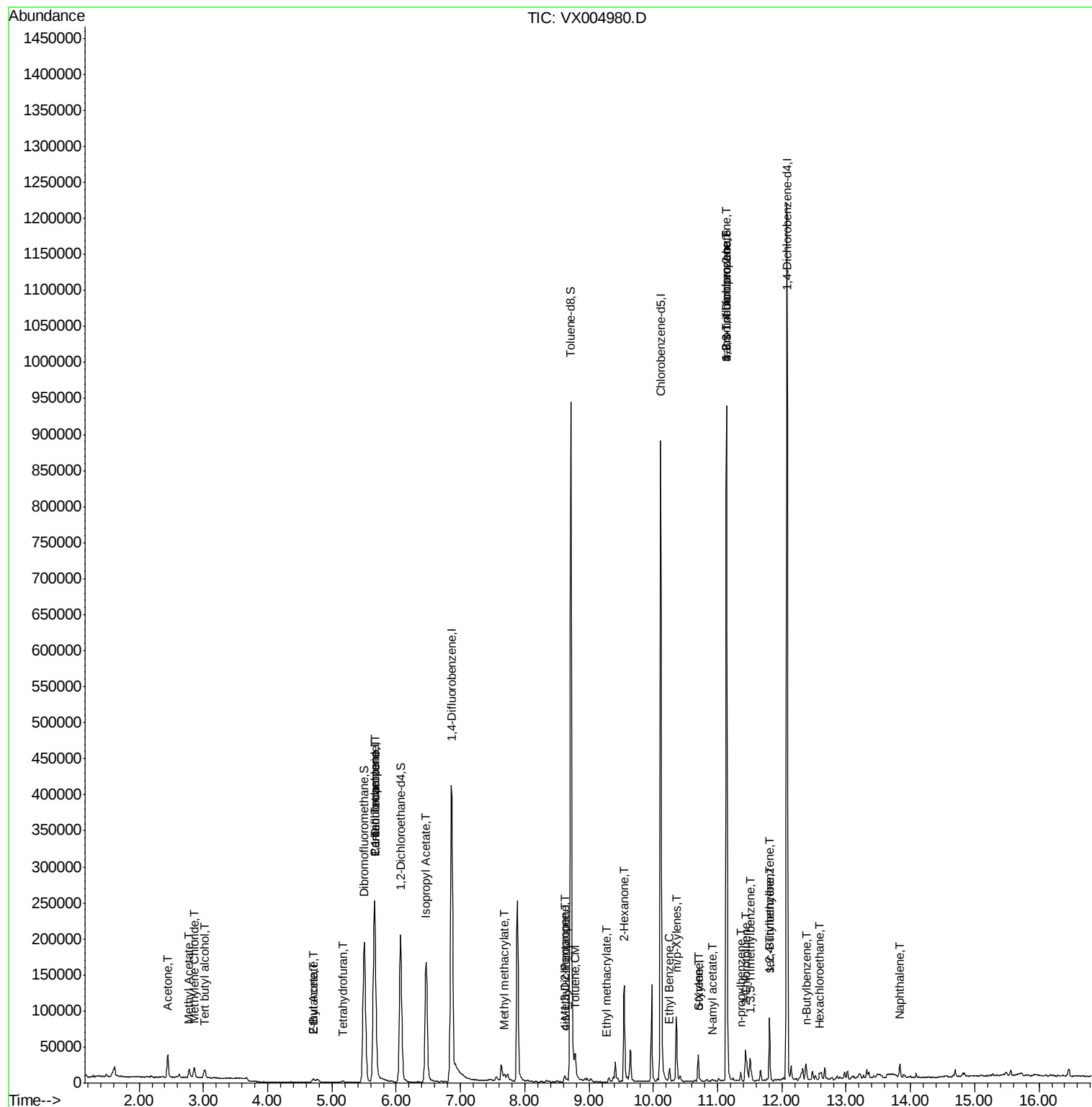
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

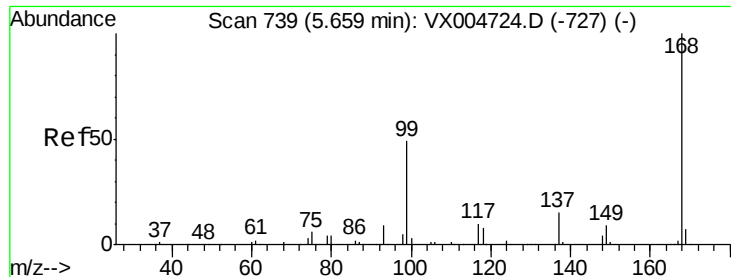
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

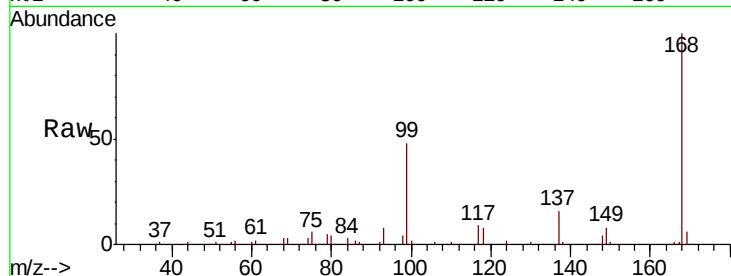
PB113446ZHE#06

Tot Ion:168 Resp: 276295

Ion Ratio Lower Upper

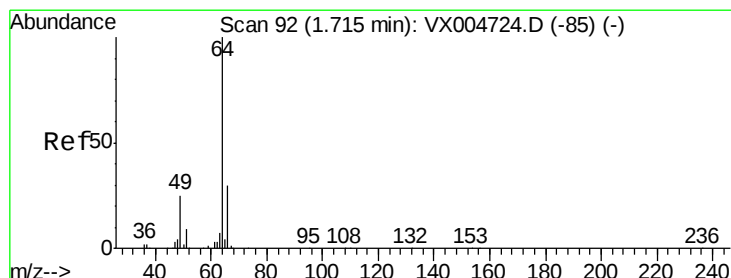
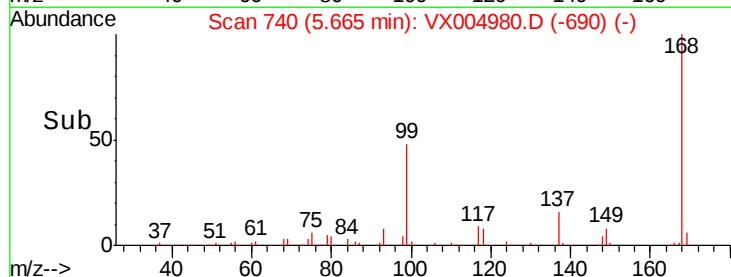
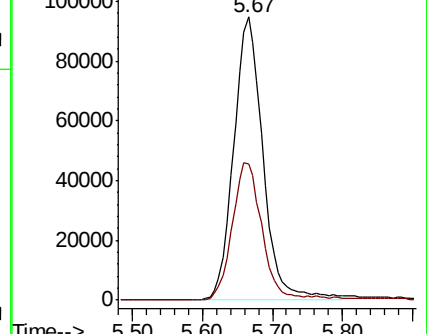
168 100

99 48.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX004980.D

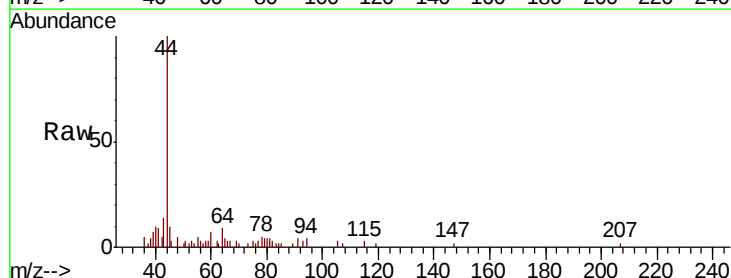
Acq: 03 Oct 2018 20:14

Tgt Ion: 64 Resp: 293

Ion Ratio Lower Upper

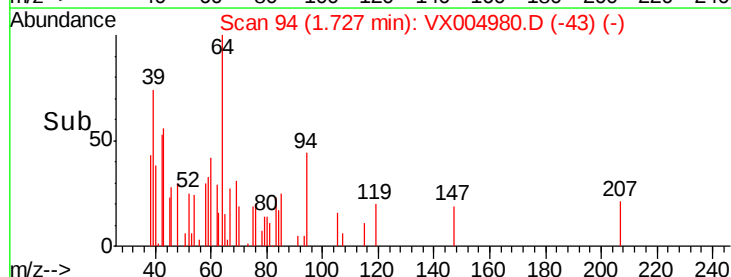
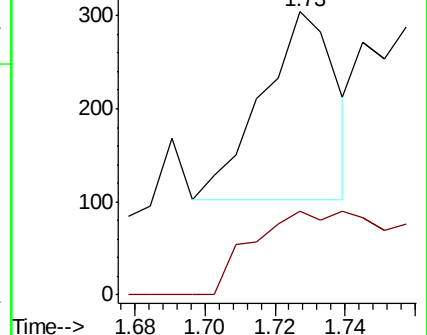
64 100

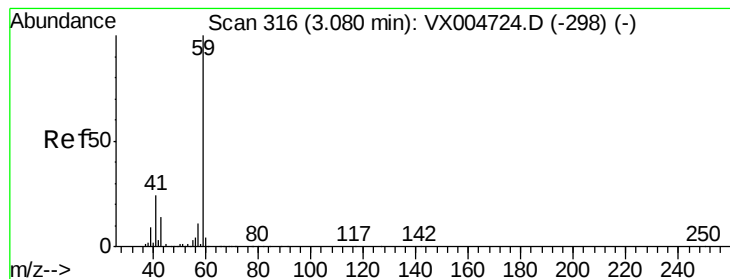
66 44.8 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



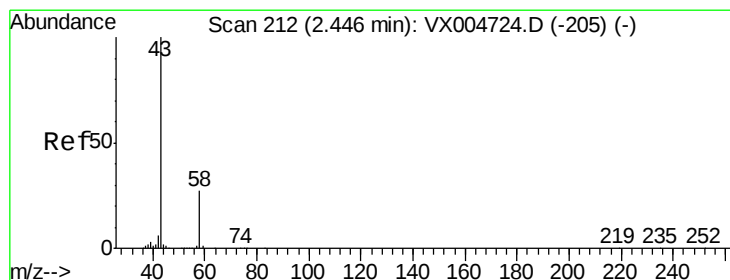
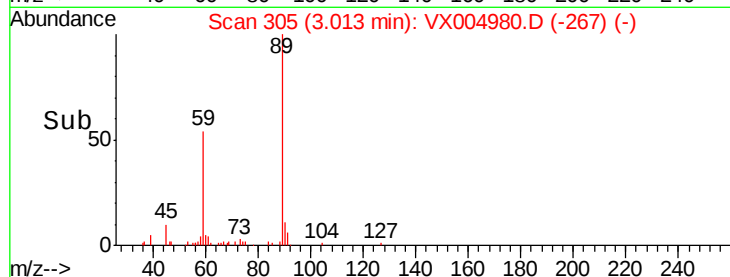
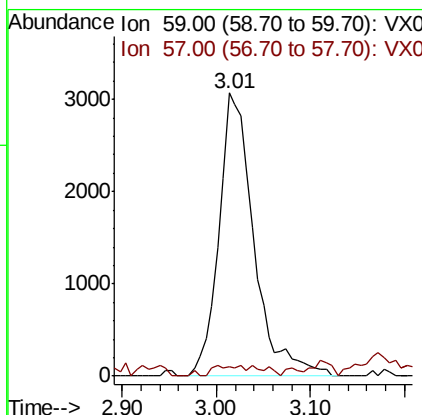
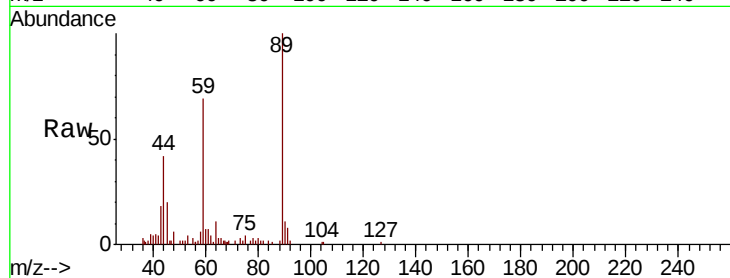


#11

Tert butyl alcohol
 Concen: 7.183 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.07 min
 Lab File: VX004980.D
 Acq: 03 Oct 2018 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#06

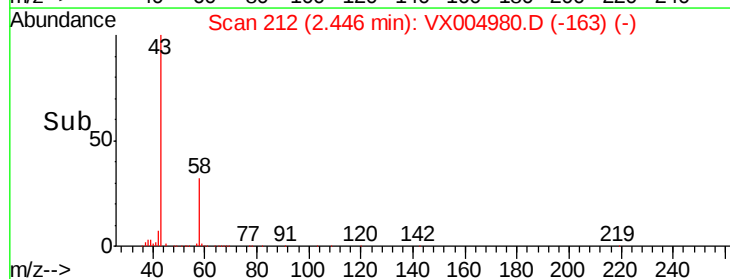
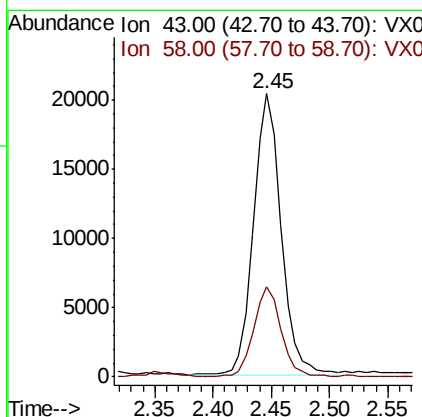
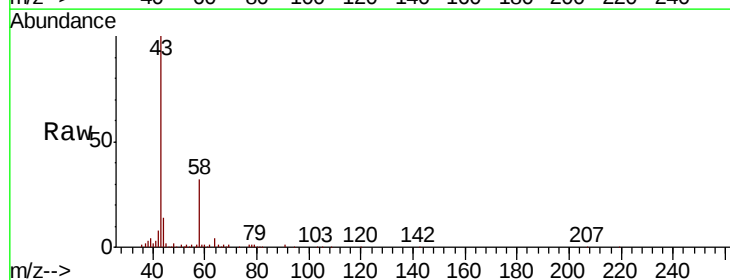
Tot Ion: 59 Resp: 7927
 Ion Ratio Lower Upper
 59 100
 57 2.3 8.6 12.8#

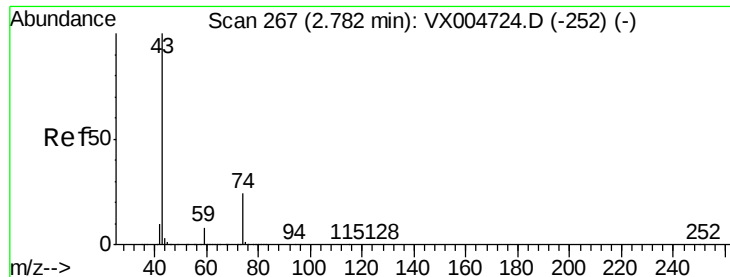


#16

Acetone
 Concen: 14.580 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX004980.D
 Acq: 03 Oct 2018 20:14

Tgt Ion: 43 Resp: 33596
 Ion Ratio Lower Upper
 43 100
 58 31.9 21.8 32.6

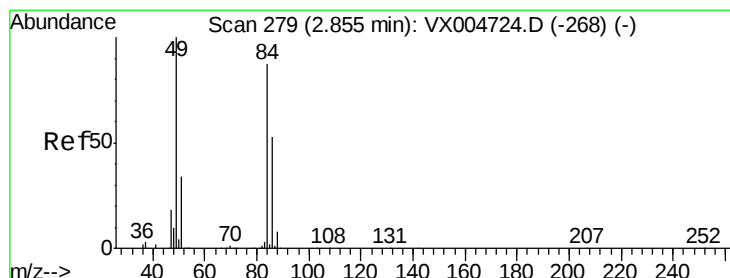
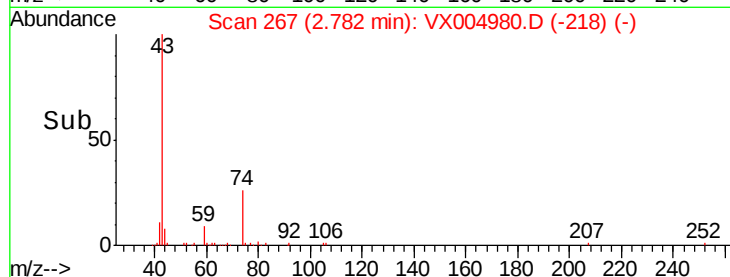
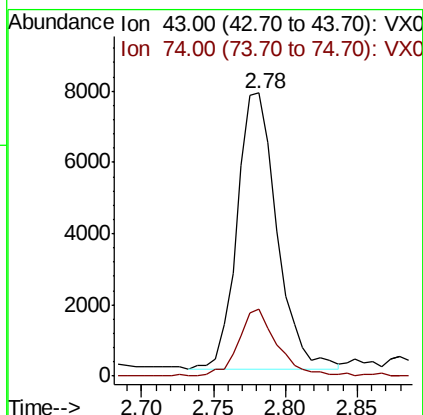
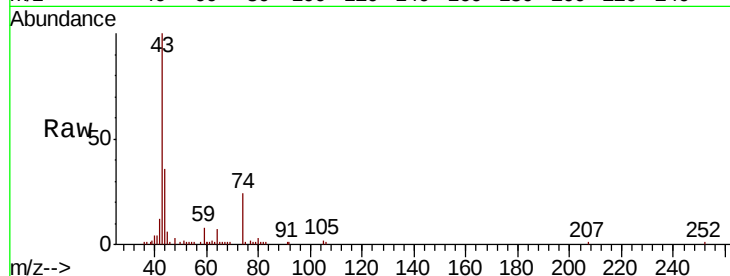




#18
Methvl Acetate
Concen: 2.546 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

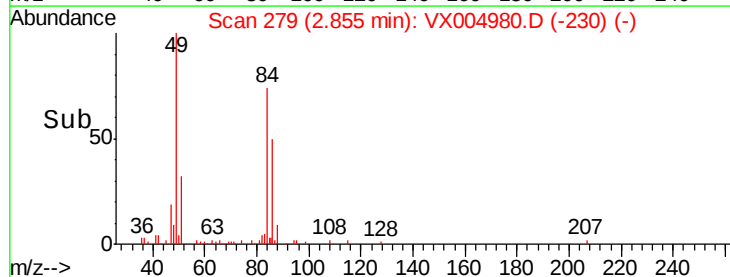
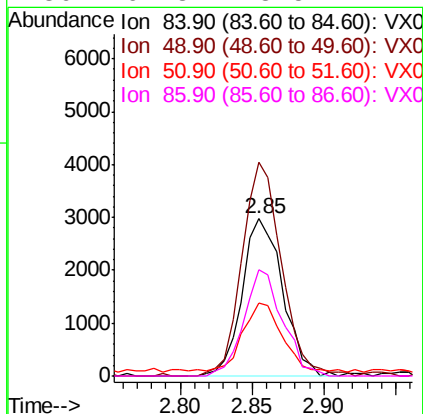
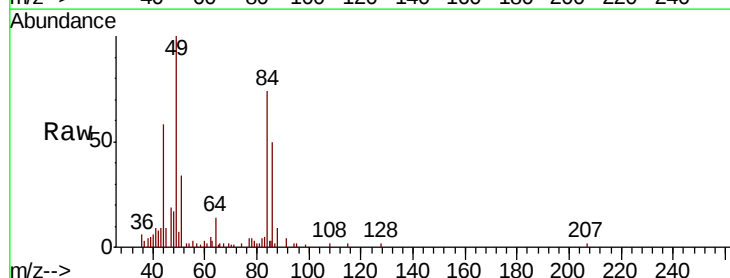
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#06

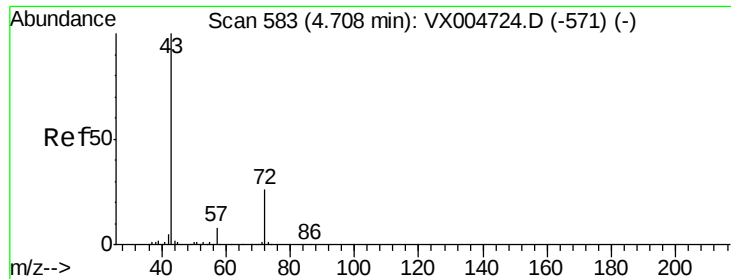
Tot Ion: 43 Resp: 14865
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.8



#20
Methylene Chloride
Concen: 0.907 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

Tgt Ion: 84 Resp: 5800
Ion Ratio Lower Upper
84 100
49 135.8 92.3 138.5
51 43.8 31.8 47.6
86 67.3 48.5 72.7

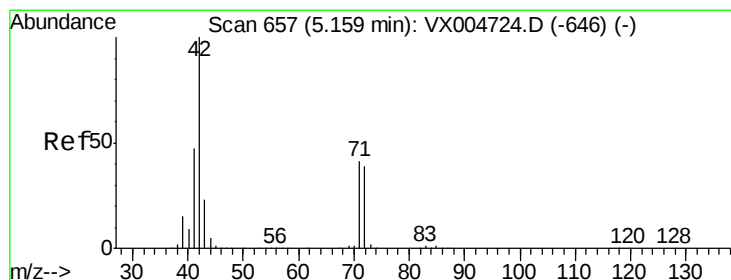
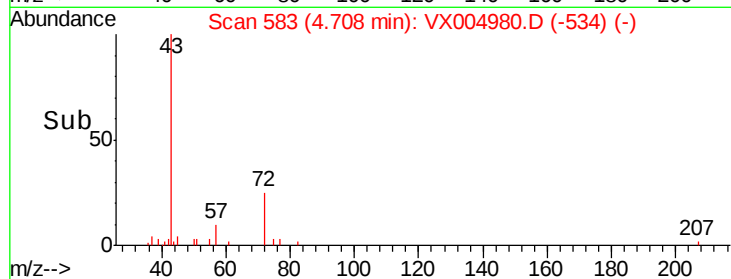
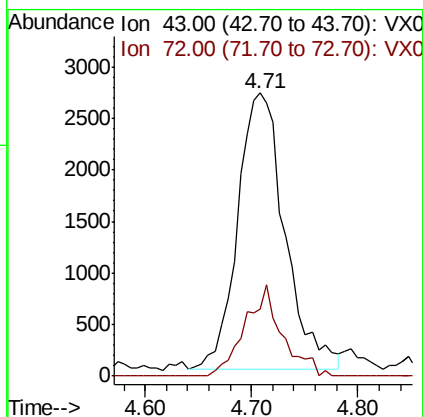
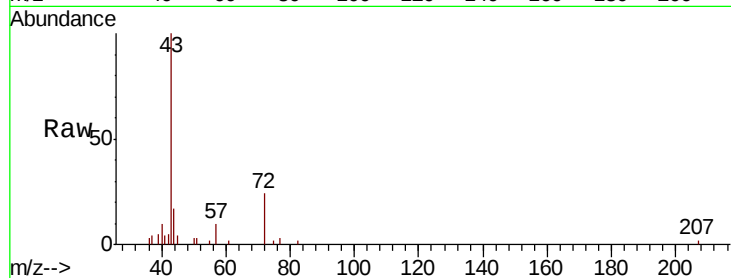




#25
2-Butanone
Concen: 2.464 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

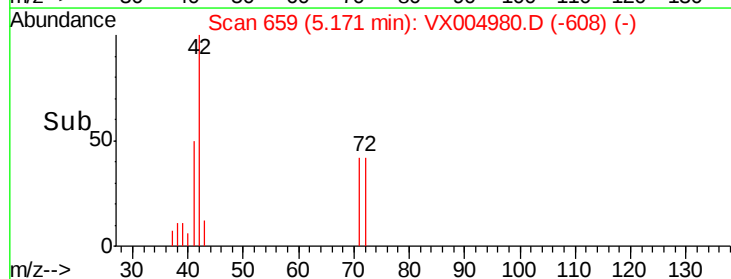
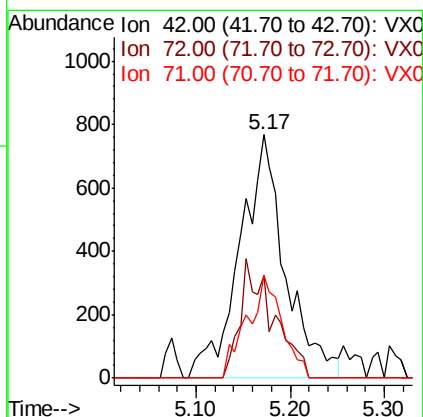
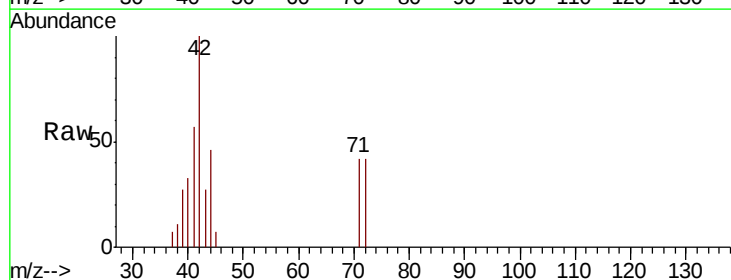
Instrument :
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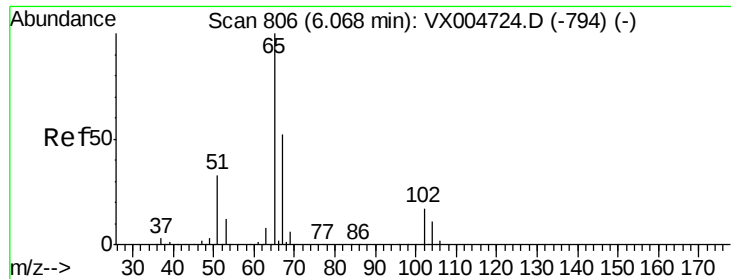
Tot Ion: 43 Resp: 8368
Ion Ratio Lower Upper
43 100
72 24.2 20.8 31.2



#29
Tetrahydrofuran
Concen: 1.224 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

Tgt Ion: 42 Resp: 2583
Ion Ratio Lower Upper
42 100
72 35.2 33.7 50.5
71 32.6 32.2 48.4

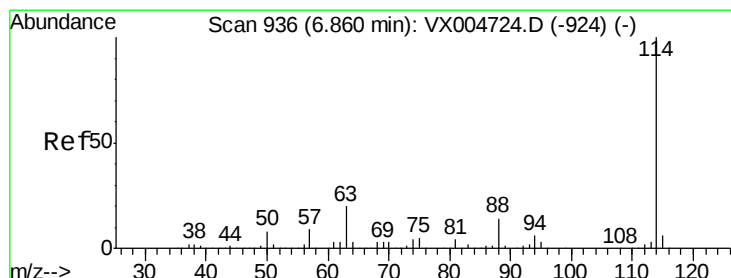
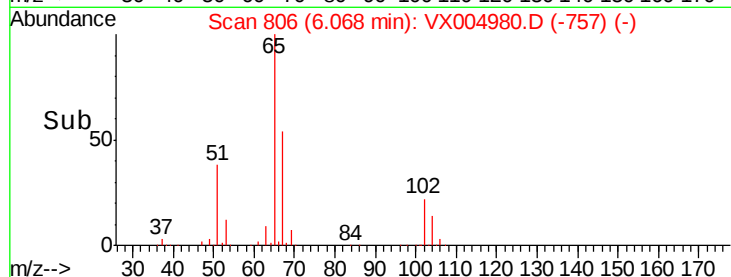
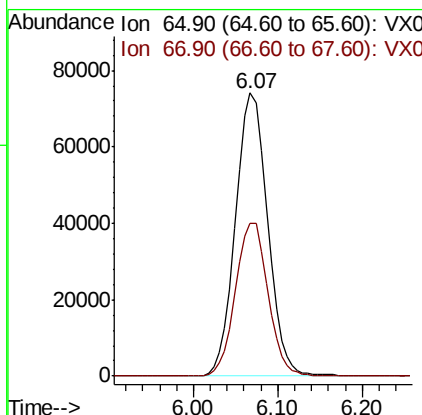
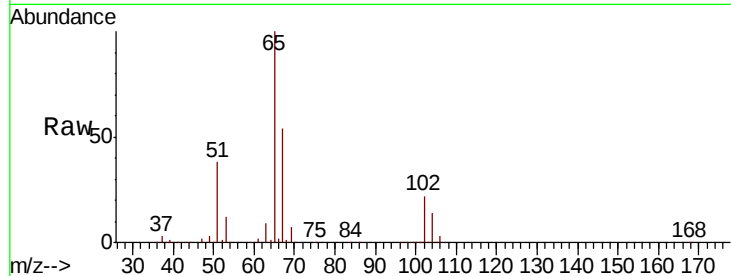




#33
 1,2-Dichloroethane-d4
 Concen: 48.610 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004980.D
 Acq: 03 Oct 2018 20:14

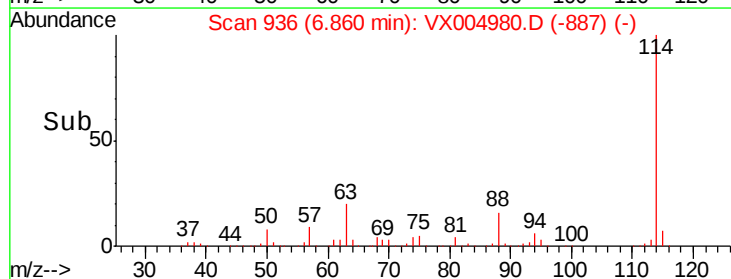
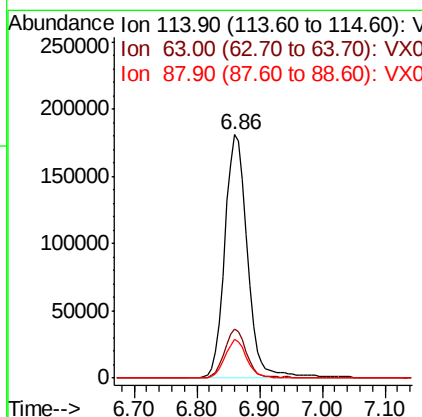
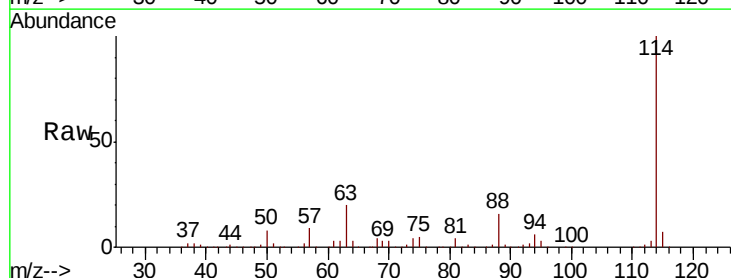
Instrument :
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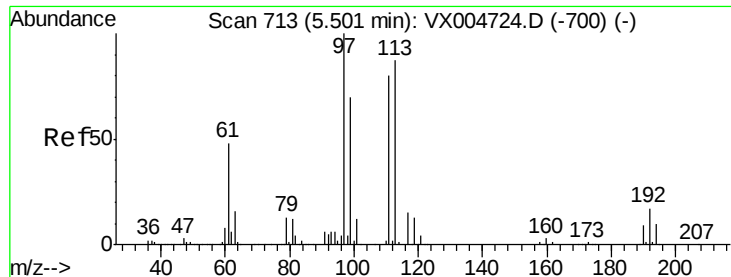
Tot Ion: 65 Resp: 191857
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004980.D
 Acq: 03 Oct 2018 20:14

Tgt Ion: 114 Resp: 455535
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 43.686 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#06

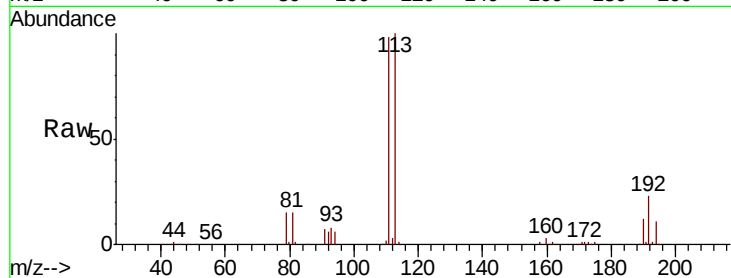
Tot Ion:113 Resp: 168660

Ion Ratio Lower Upper

113 100

111 102.0 77.0 115.4

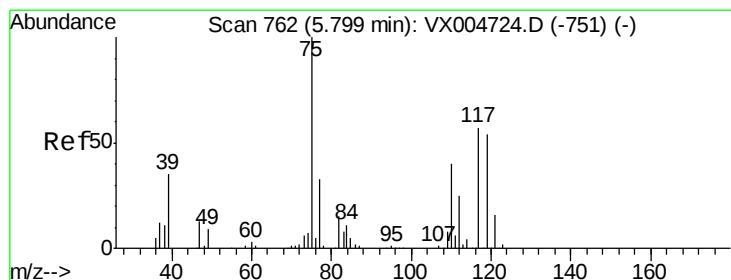
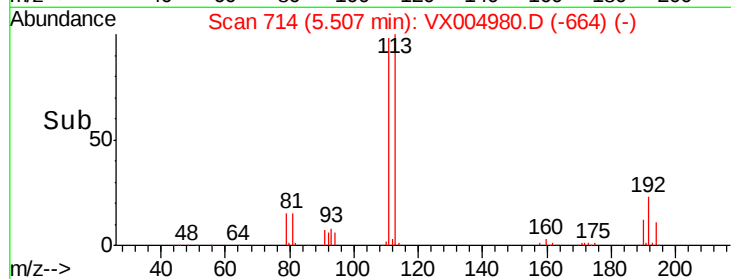
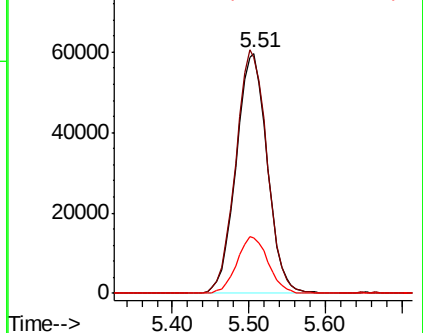
192 23.7 17.0 25.6



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: 3.439 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

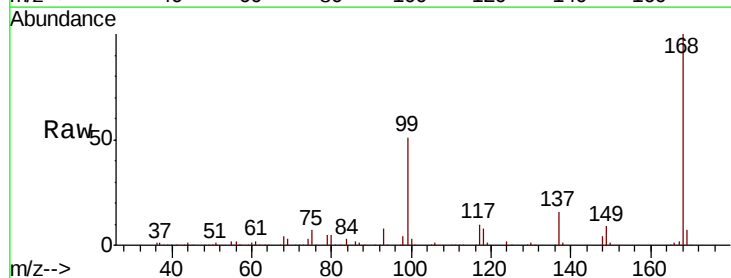
Tgt Ion: 75 Resp: 18117

Ion Ratio Lower Upper

75 100

110 0.0 20.0 59.9#

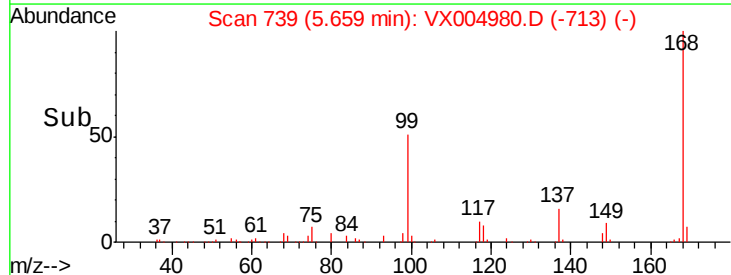
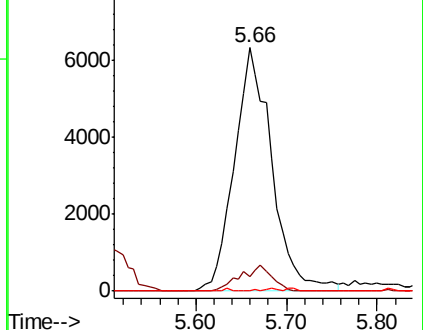
77 0.0 27.1 40.7#

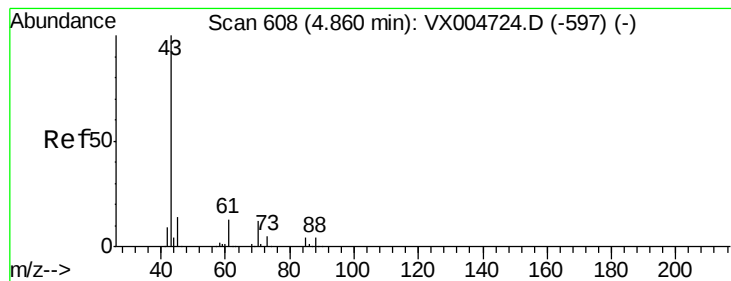


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.197 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#06

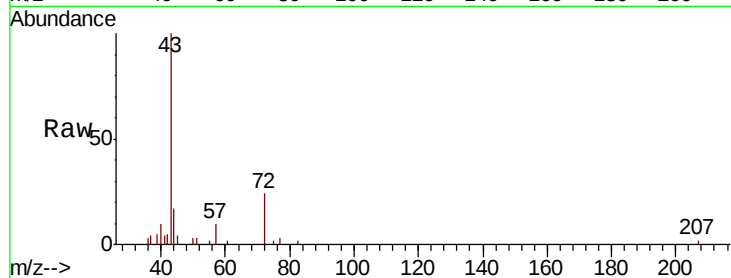
Tot Ion: 43 Resp: 8368

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

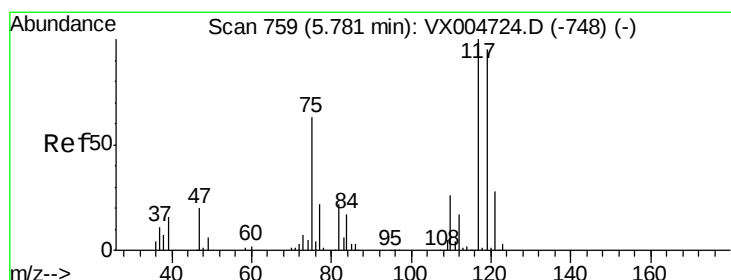
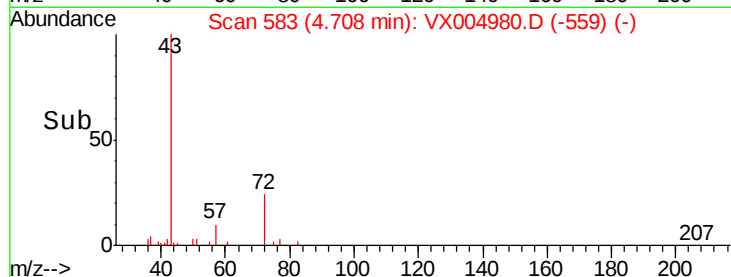
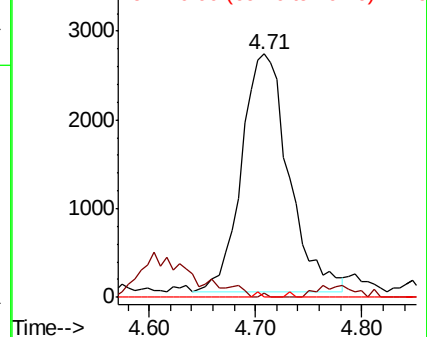
70 0.3 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.389 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

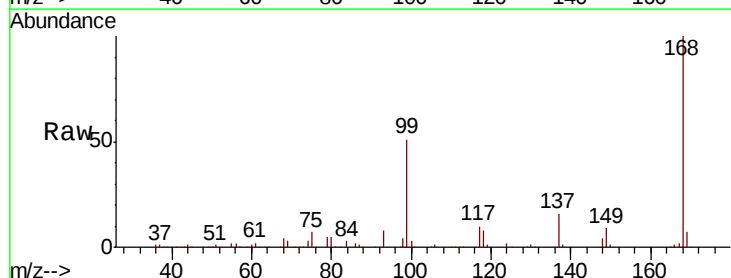
Tgt Ion: 117 Resp: 24303

Ion Ratio Lower Upper

117 100

119 6.1 75.2 112.8#

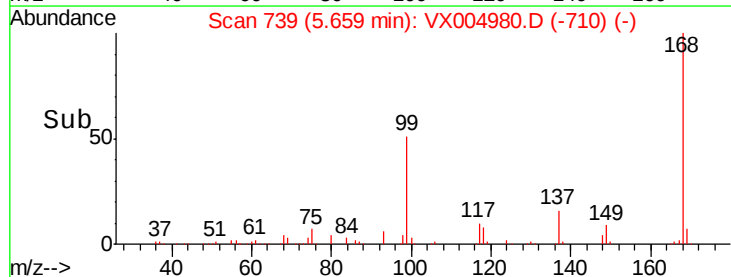
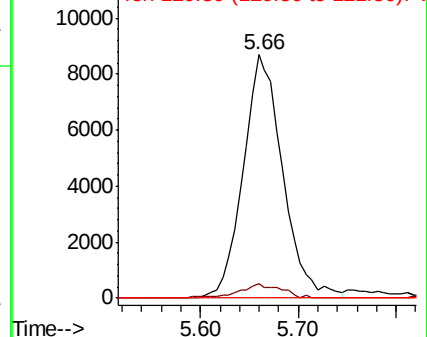
121 0.0 22.5 33.7#

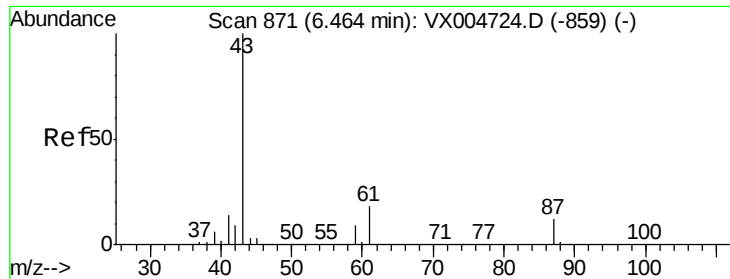


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 23.585 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#06

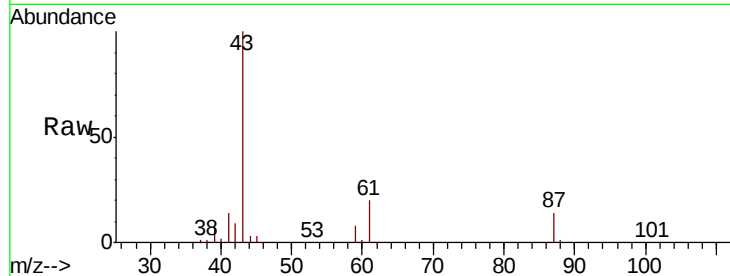
Tot Ion: 43 Resp: 238023

Ion Ratio Lower Upper

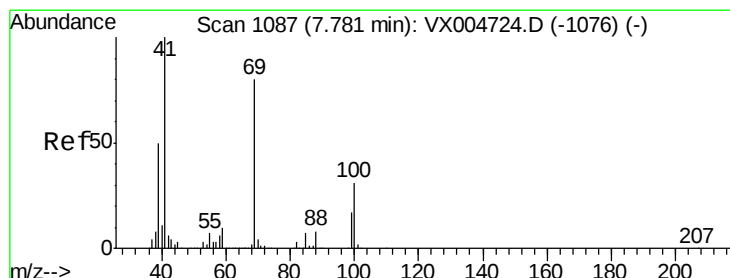
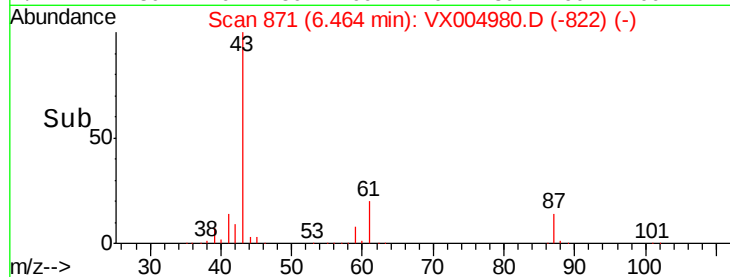
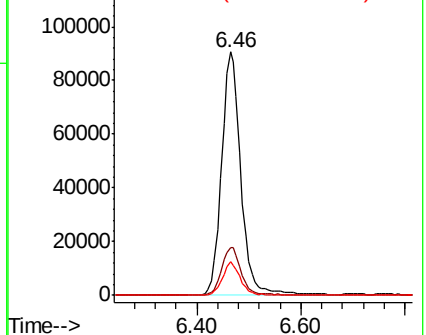
43 100

61 19.8 14.2 21.4

87 12.7 9.3 13.9



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: 2.168 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.10 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

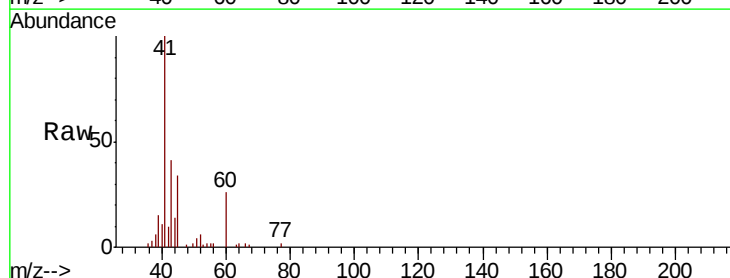
Tgt Ion: 41 Resp: 9931

Ion Ratio Lower Upper

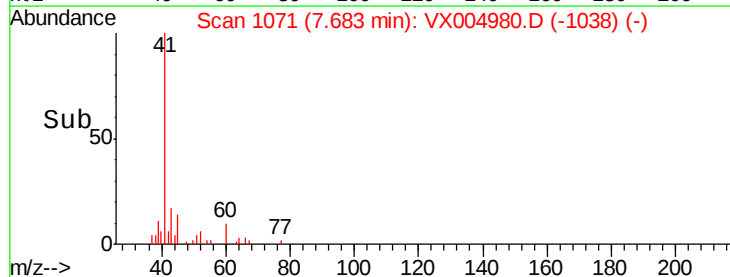
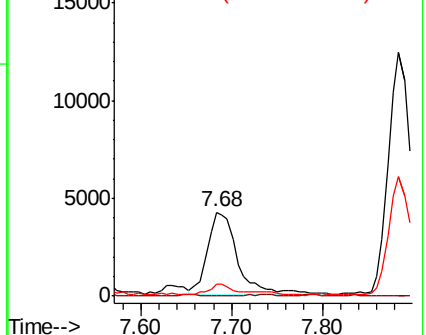
41 100

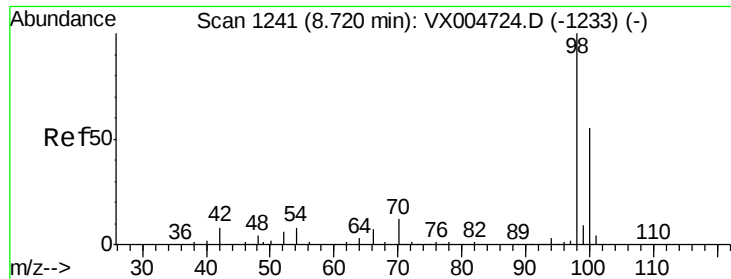
69 0.0 63.8 95.6#

39 10.0 40.7 61.1#



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

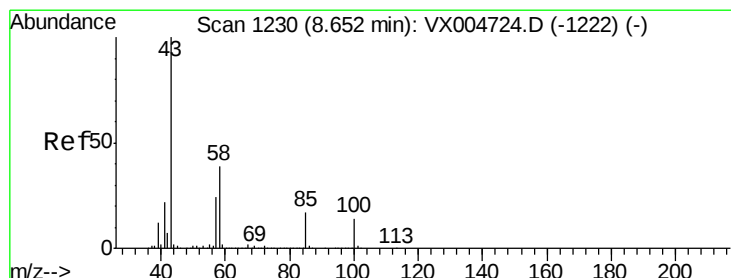
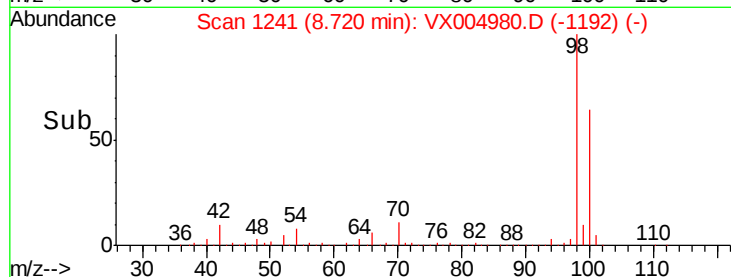
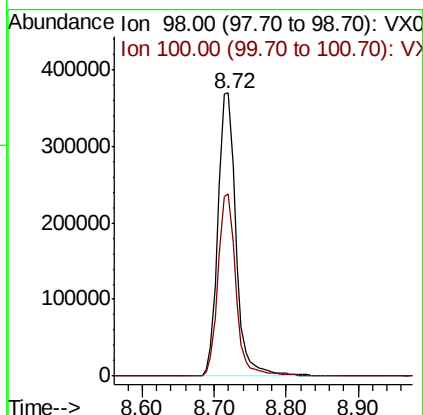
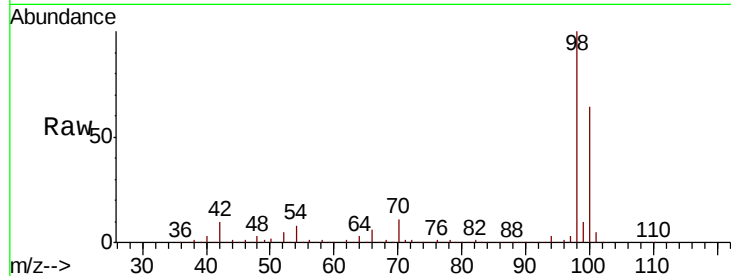




#50
Toluene-d8
Concen: 50.187 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

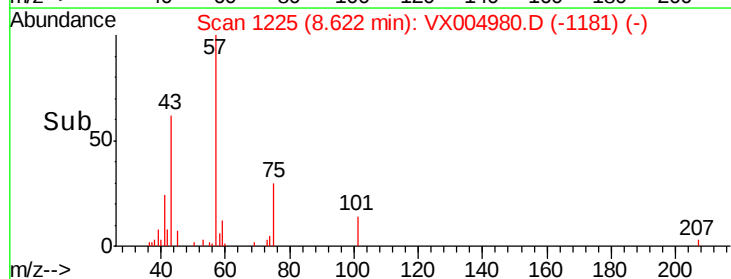
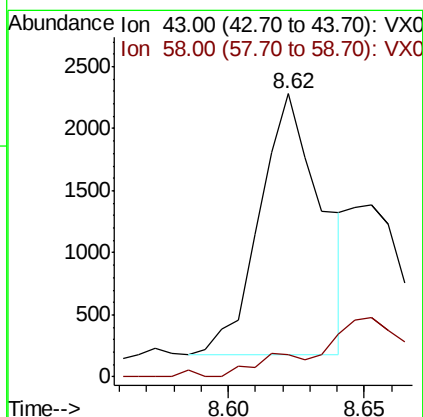
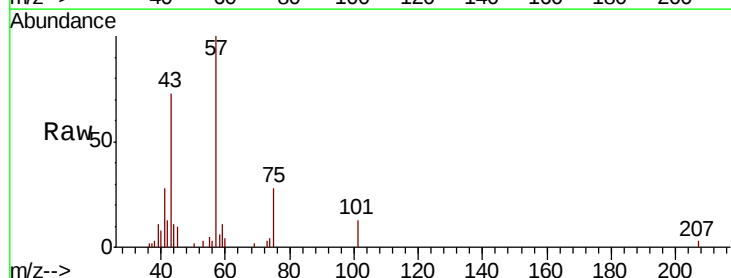
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#06

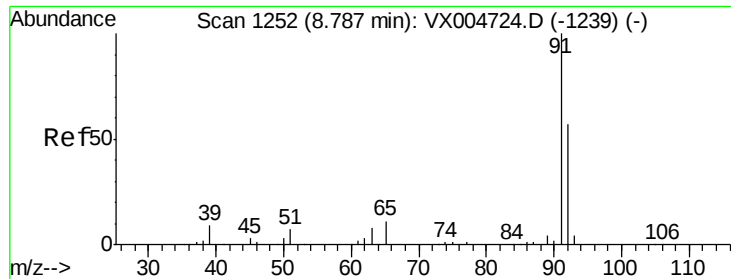
Tot Ion: 98 Resp: 644141
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

Tgt Ion: 43 Resp: 3319
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#





#52

Toluene

Concen: 1.017 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

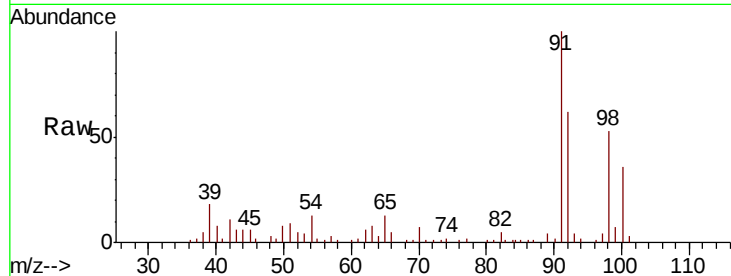
PB113446ZHE#06

Tot Ion: 92 Resp: 9219

Ion Ratio Lower Upper

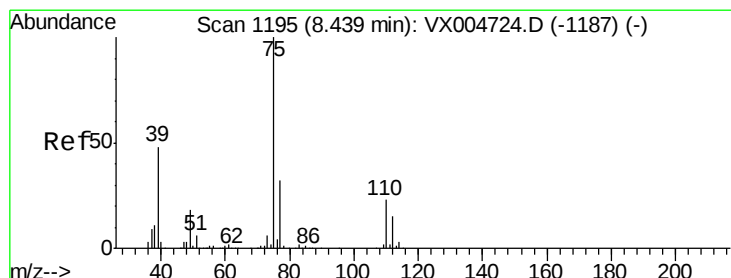
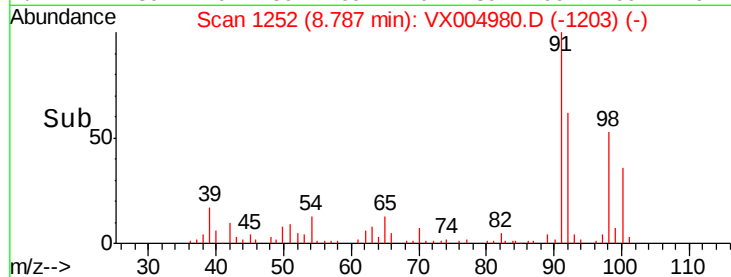
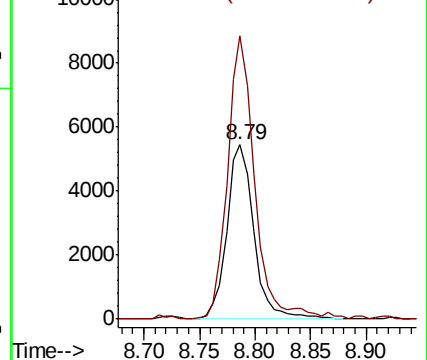
92 100

91 160.9 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.287 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

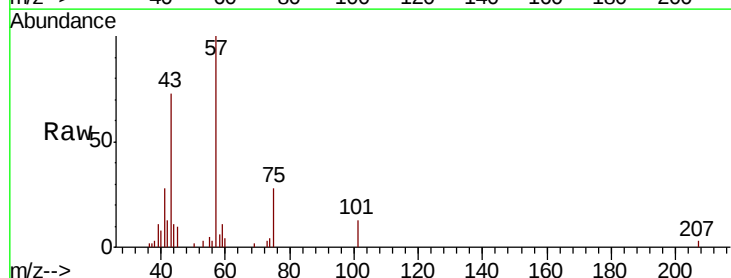
Tgt Ion: 75 Resp: 1618

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

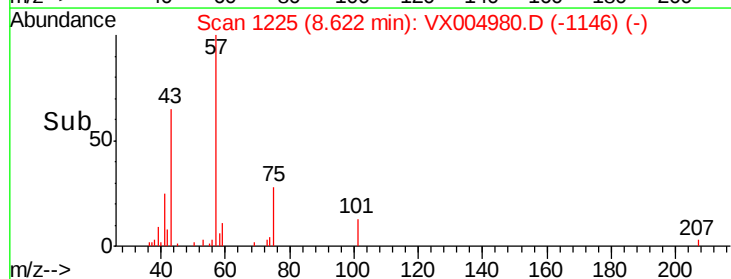
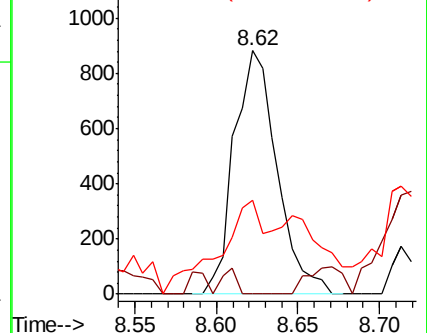
39 28.2 38.3 57.5#

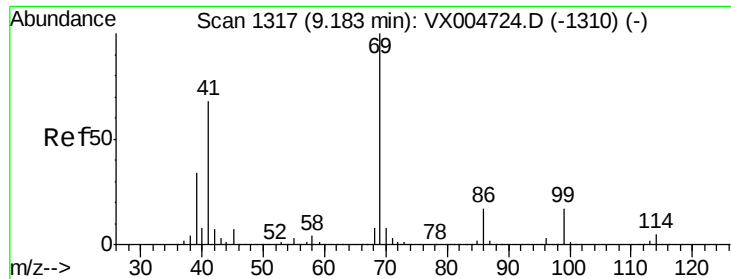


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.885 ug/l

RT: 9.27 min Scan# 1332

Delta R.T. 0.09 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#06

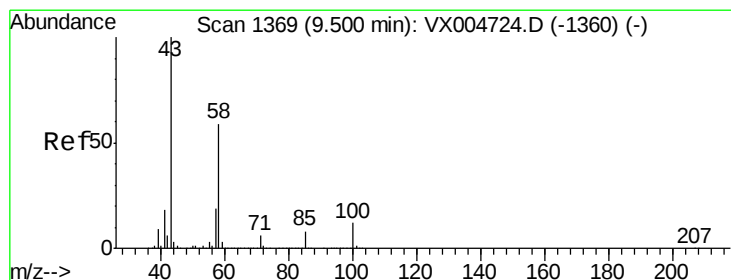
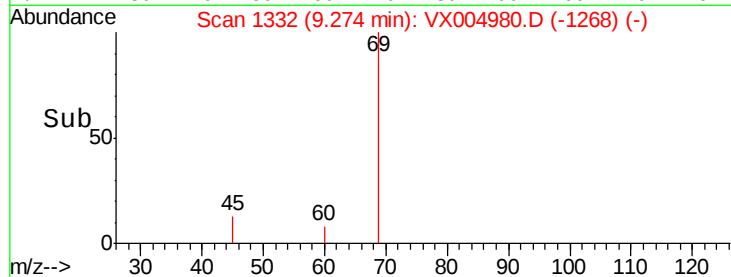
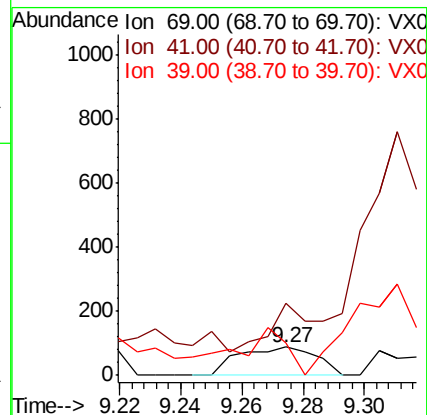
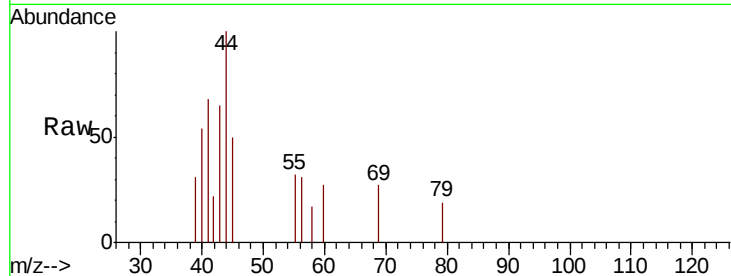
Tot Ion: 69 Resp: 155

Ion Ratio Lower Upper

69 100

41 78.1 56.9 85.3

39 109.7 28.4 42.6#



#59

2-Hexanone

Concen: 2.873 ug/l

RT: 9.55 min Scan# 1377

Delta R.T. 0.05 min

Lab File: VX004980.D

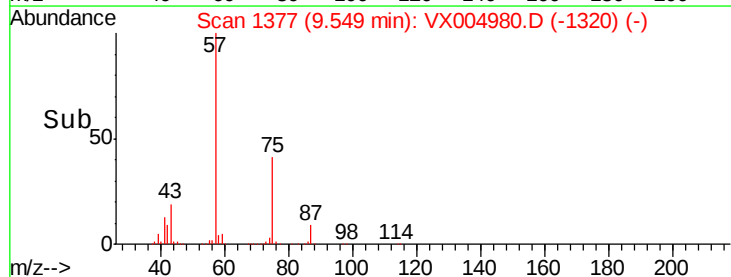
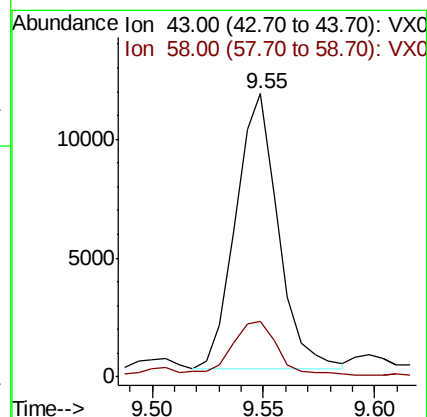
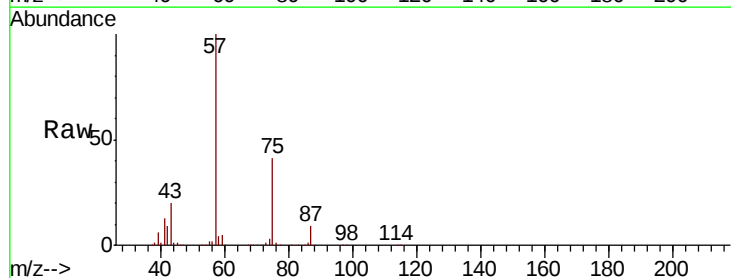
Acq: 03 Oct 2018 20:14

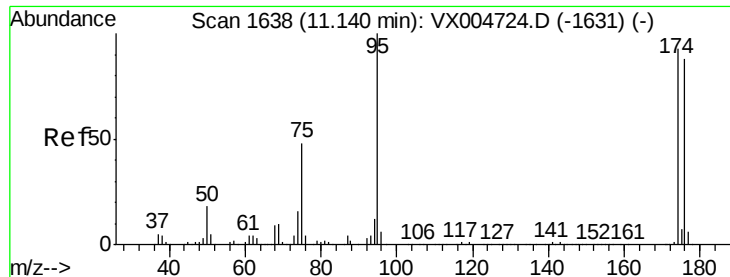
Tgt Ion: 43 Resp: 15215

Ion Ratio Lower Upper

43 100

58 23.0 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 53.456 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#06

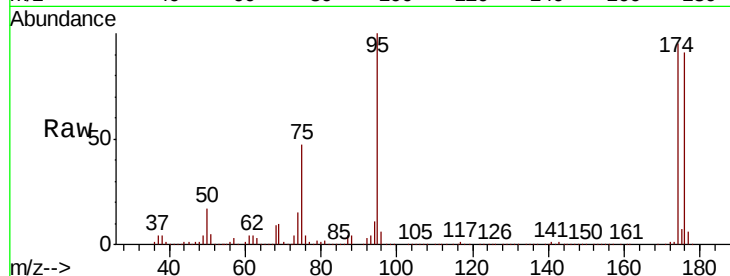
Tot Ion: 95 Resp: 247172

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.0

176 88.0 0.0 180.2



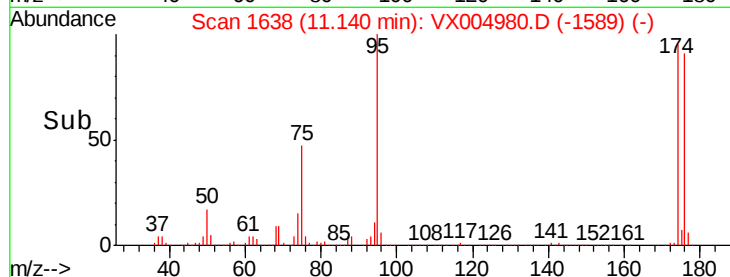
Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

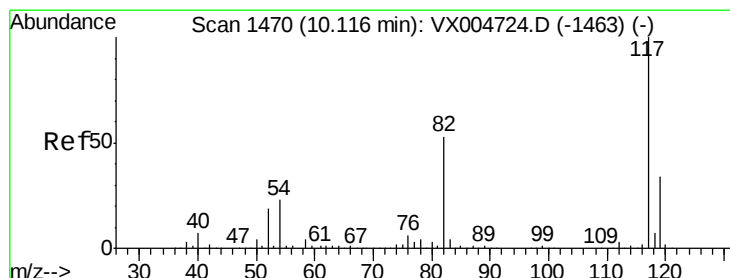
Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

11.14

11.10 11.20



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

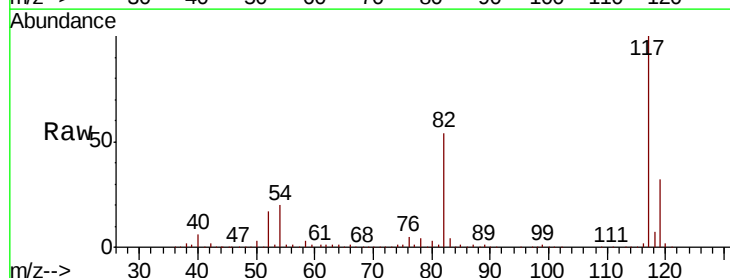
Tgt Ion: 117 Resp: 444210

Ion Ratio Lower Upper

117 100

82 54.0 42.2 63.4

119 32.1 27.4 41.0



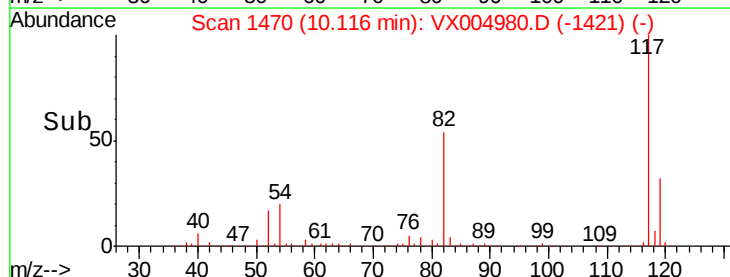
Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

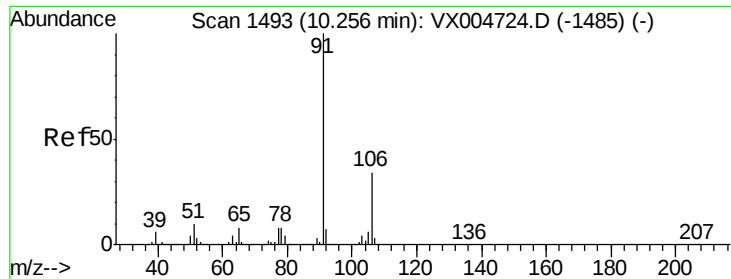
Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

10.12

10.00 10.20



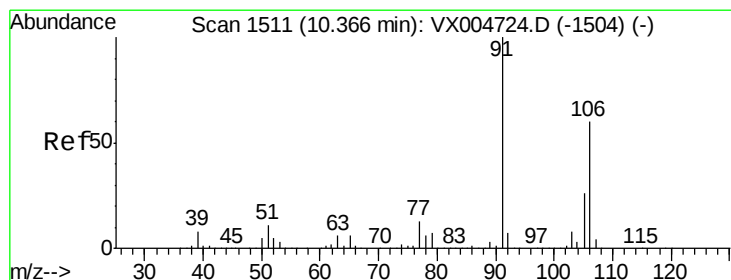
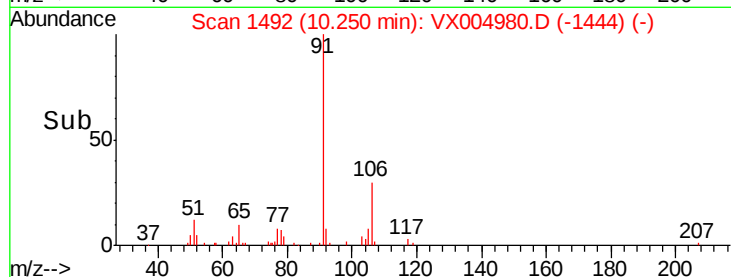
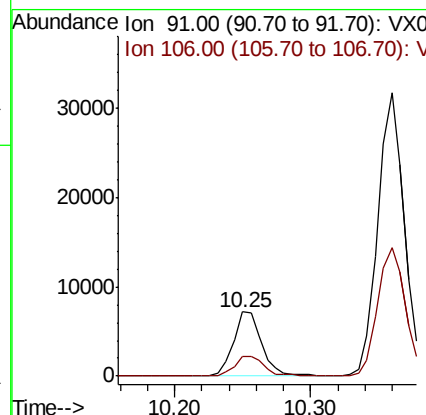
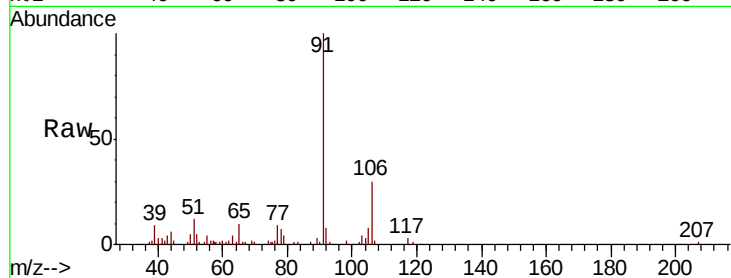
Time-->



#67
Ethyl Benzene
Concen: 0.593 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

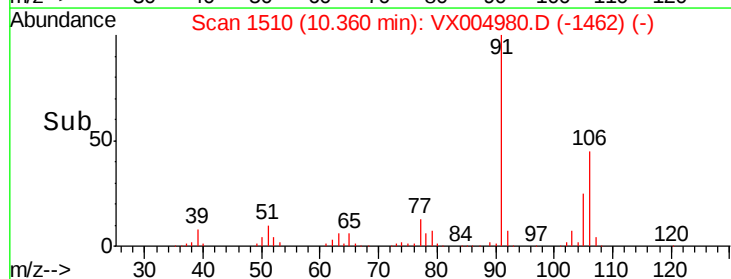
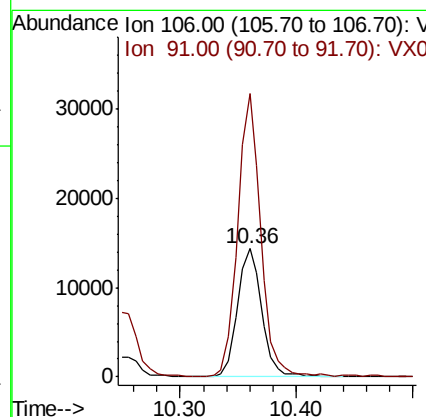
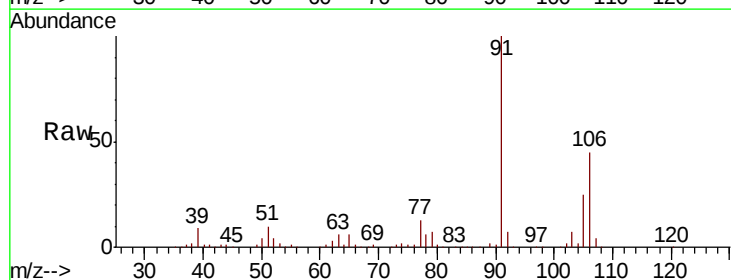
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#06

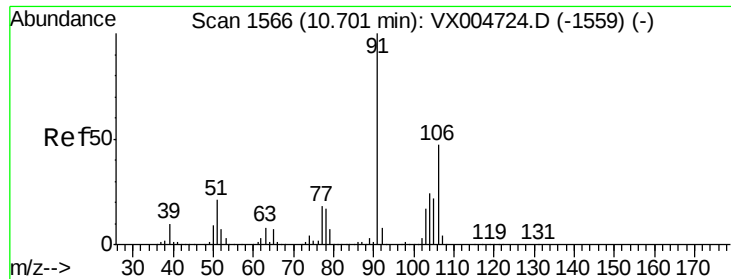
Tot Ion: 91 Resp: 10729
Ion Ratio Lower Upper
91 100
106 29.9 26.9 40.3



#68
m/p-Xylenes
Concen: 2.984 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

Tgt Ion: 106 Resp: 21086
Ion Ratio Lower Upper
106 100
91 206.4 157.5 236.3

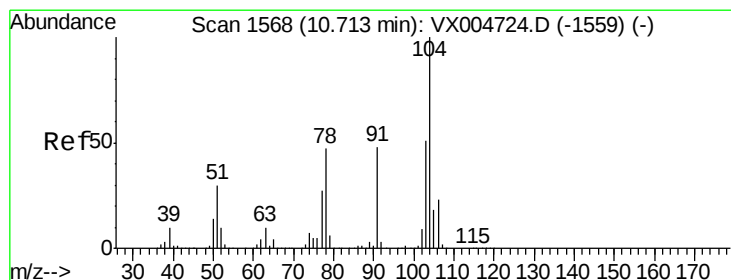
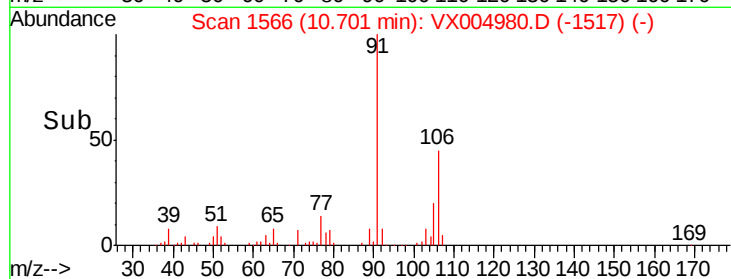
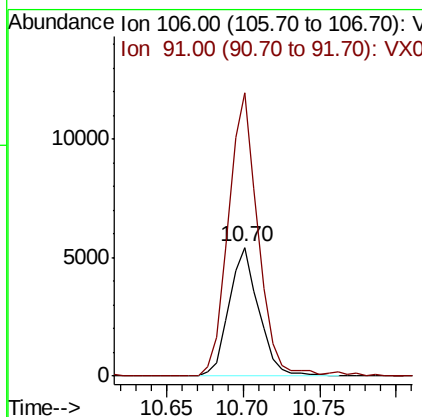
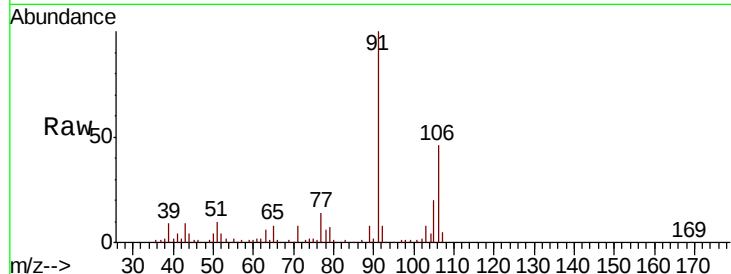




#69
o-Xylene
Concen: 1.128 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

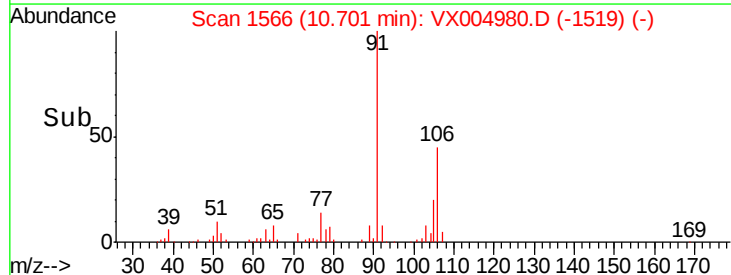
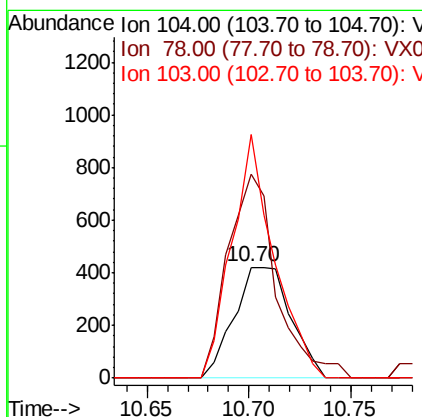
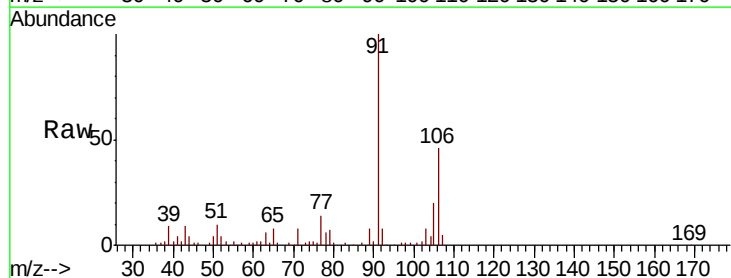
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#06

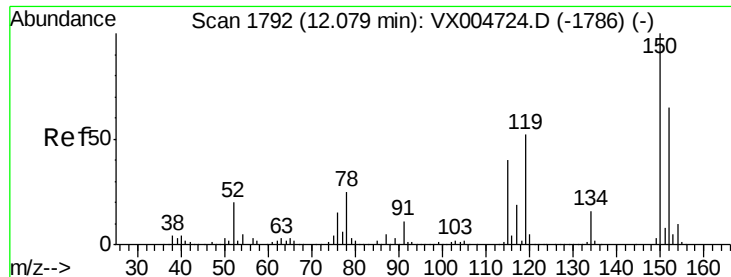
Tot Ion:106 Resp: 7321
Ion Ratio Lower Upper
106 100
91 219.4 108.3 324.8



#70
Styrene
Concen: 2.204 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX004980.D
Acq: 03 Oct 2018 20:14

Tgt Ion:104 Resp: 812
Ion Ratio Lower Upper
104 100
78 157.9 40.0 60.0#
103 163.8 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#06

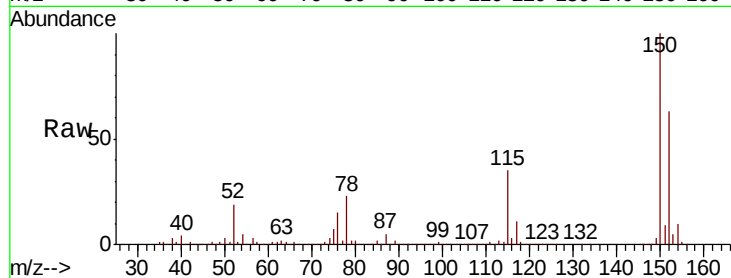
Tot Ion:152 Resp: 256600

Ion Ratio Lower Upper

152 100

115 55.2 40.2 120.6

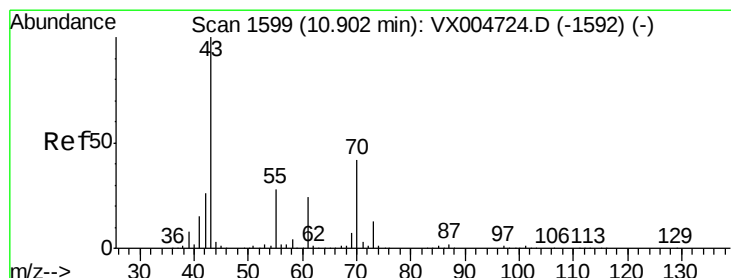
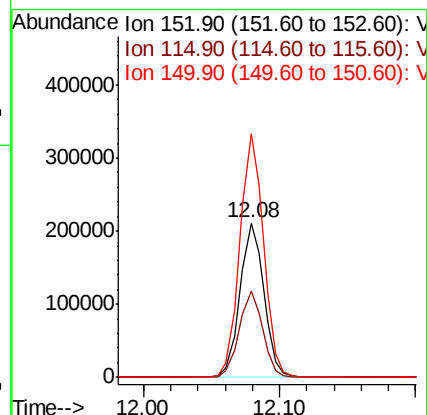
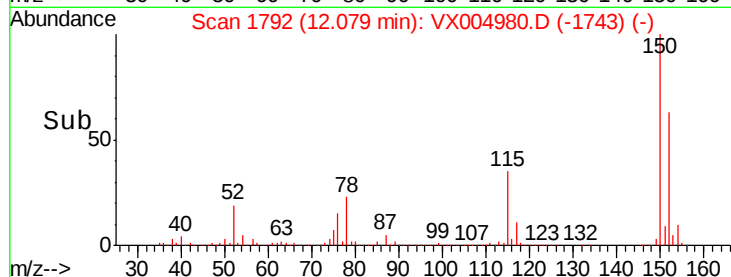
150 157.1 0.0 351.0



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



#74

N-ethyl acetate

Concen: 1.785 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Tgt Ion: 43 Resp: 338

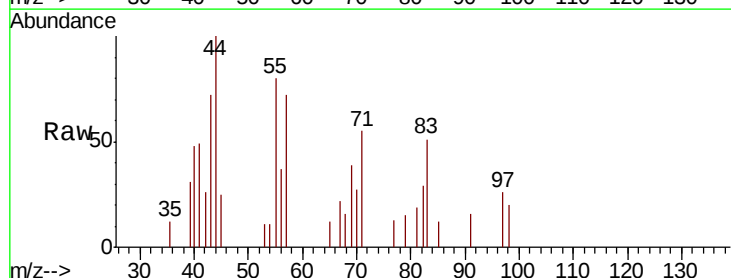
Ion Ratio Lower Upper

43 100

70 89.1 32.6 48.8#

55 214.8 21.6 32.4#

61 0.0 19.1 28.7#

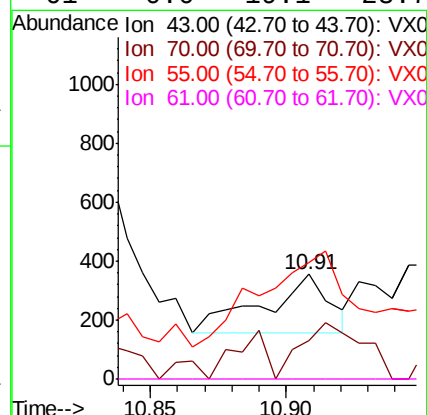
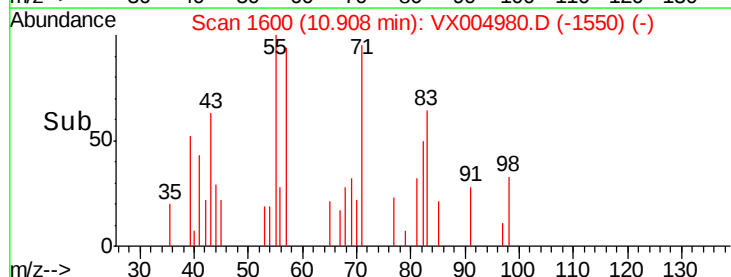


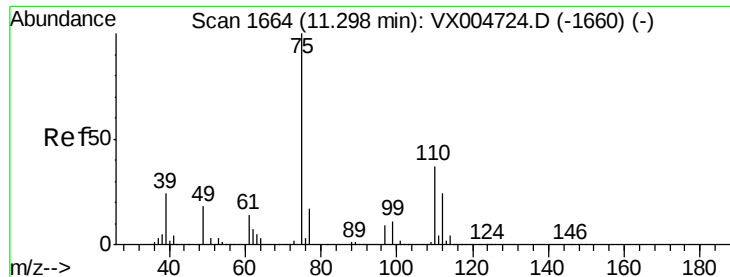
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.650 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

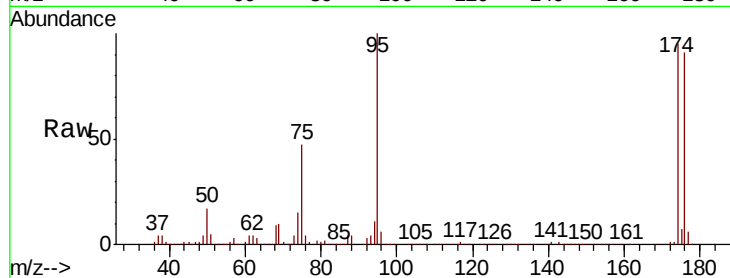
PB113446ZHE#06

Tot Ion: 75 Resp: 118763

Ion Ratio Lower Upper

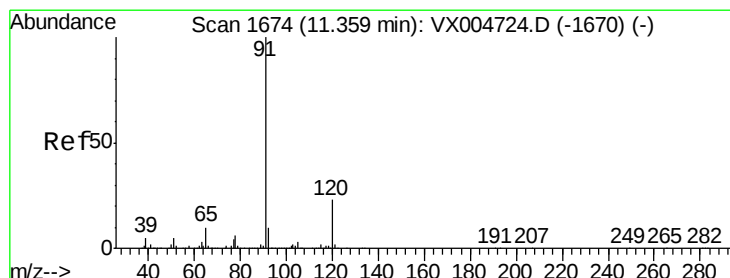
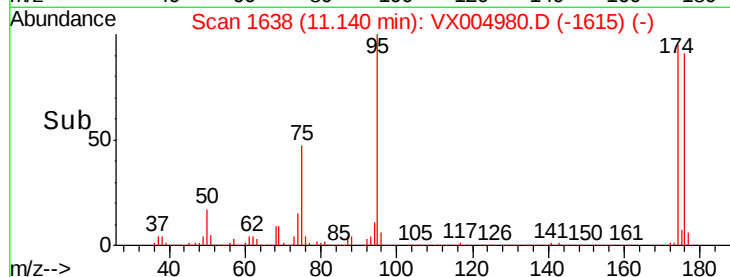
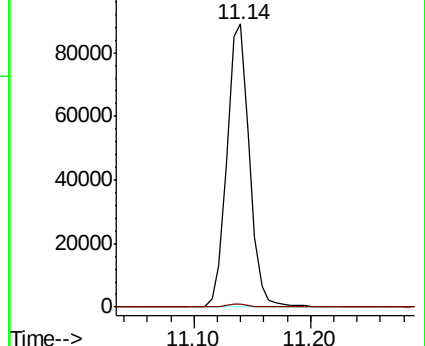
75 100

77 1.4 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.399 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004980.D

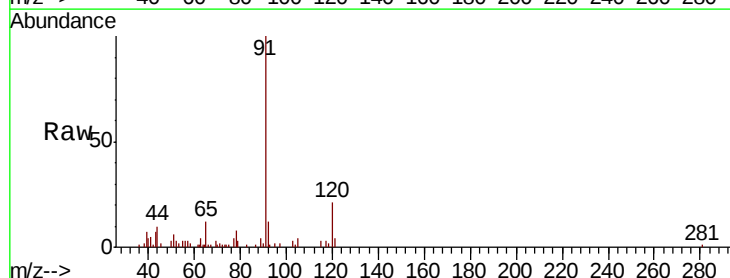
Acq: 03 Oct 2018 20:14

Tgt Ion: 91 Resp: 7412

Ion Ratio Lower Upper

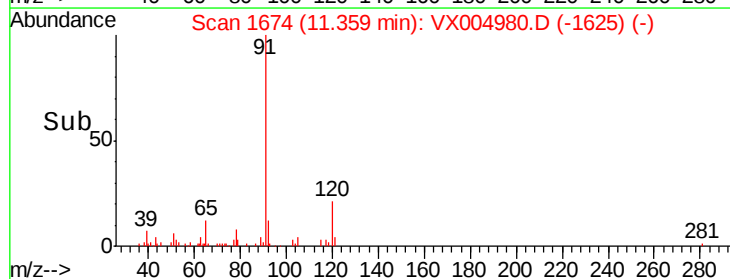
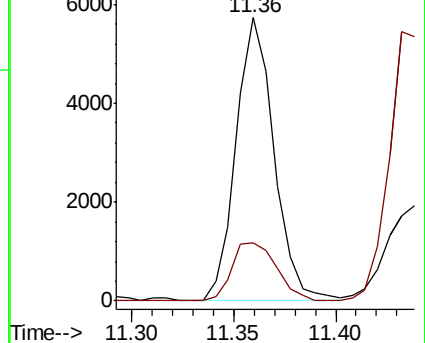
91 100

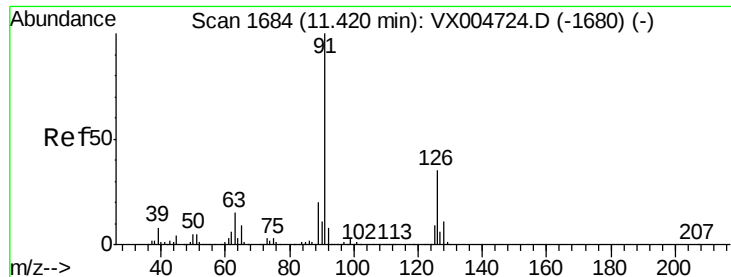
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.363 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

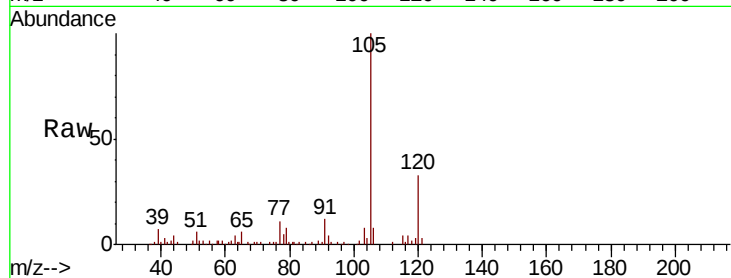
PB113446ZHE#06

Tot Ion: 91 Resp: 4194

Ion Ratio Lower Upper

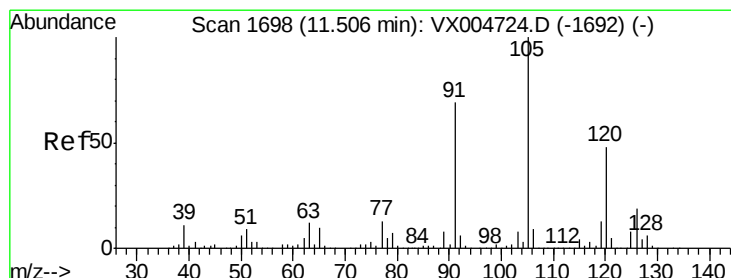
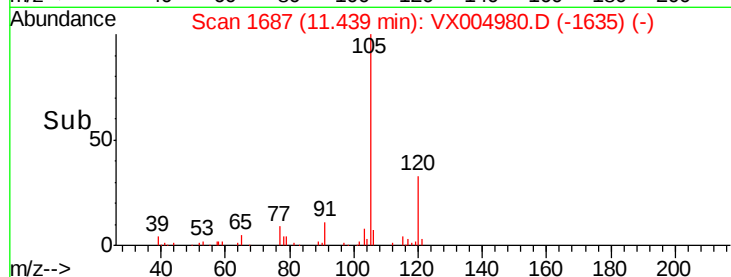
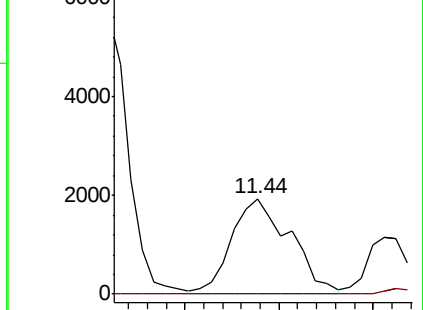
91 100

126 0.0 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.698 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004980.D

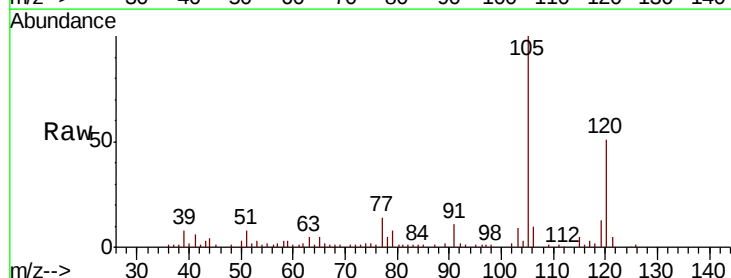
Acq: 03 Oct 2018 20:14

Tgt Ion: 105 Resp: 13240

Ion Ratio Lower Upper

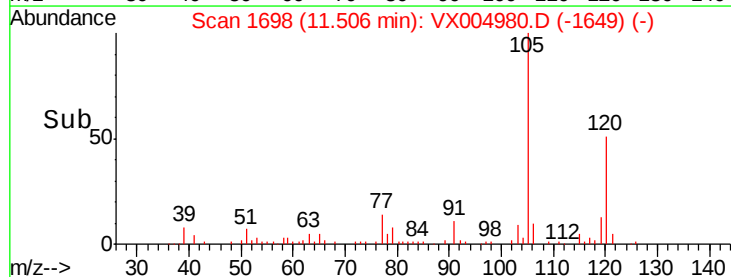
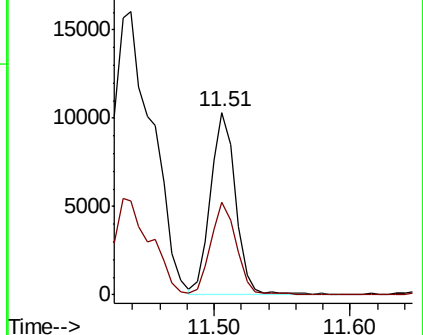
105 100

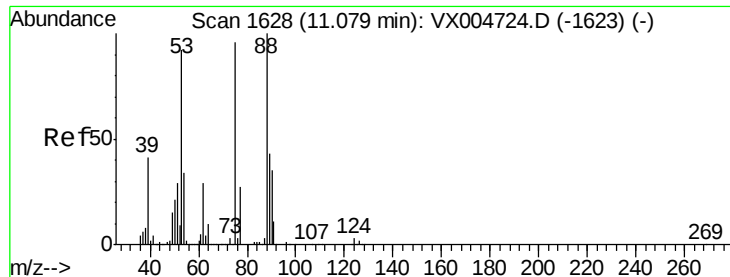
120 52.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.068 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#06

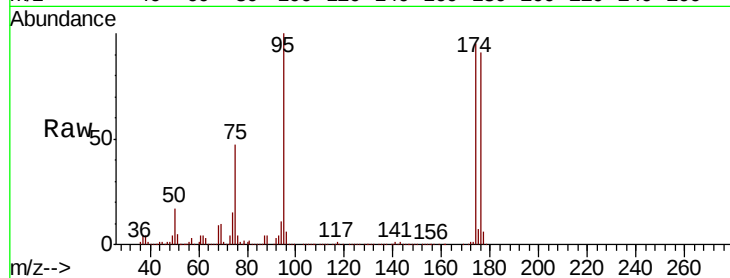
Tot Ion: 75 Resp: 118763

Ion Ratio Lower Upper

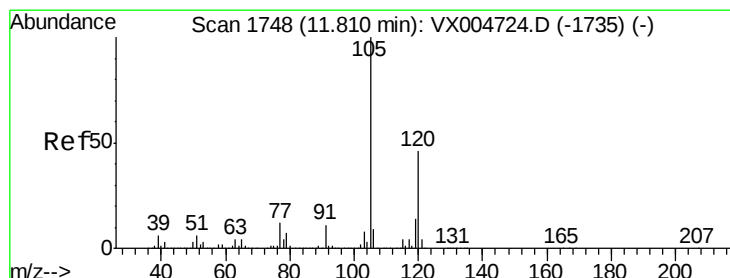
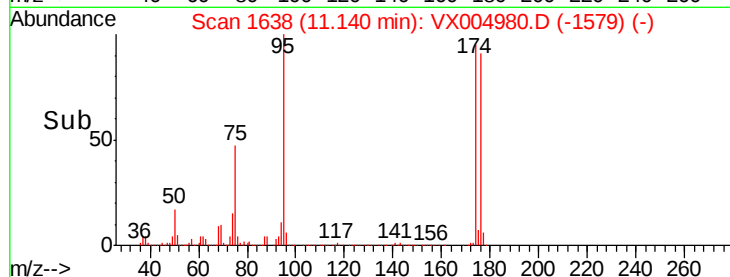
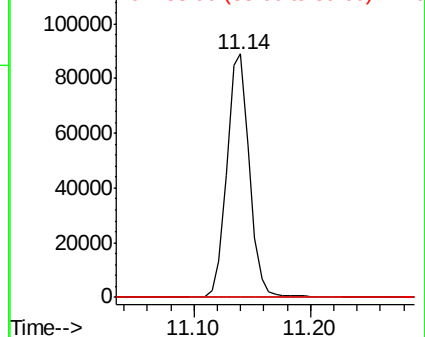
75 100

53 0.1 80.2 120.4#

89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 2.414 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004980.D

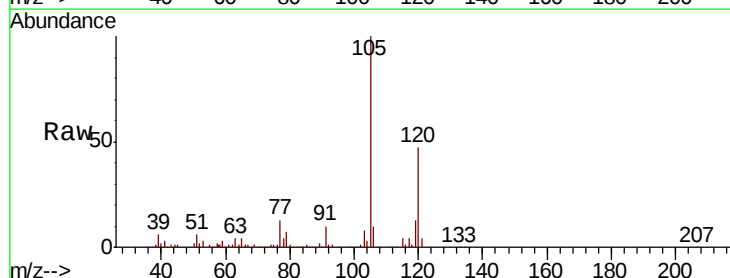
Acq: 03 Oct 2018 20:14

Tgt Ion: 105 Resp: 39782

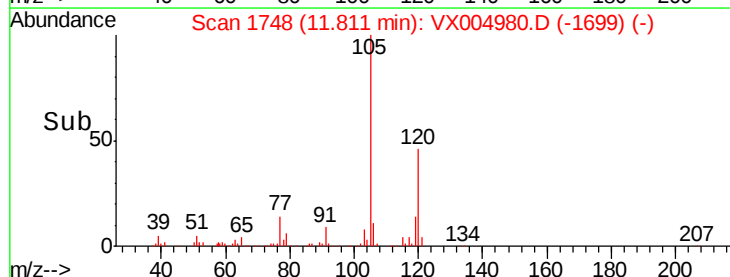
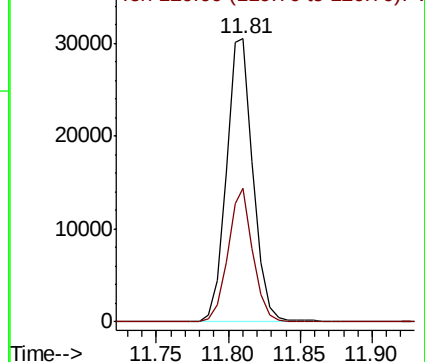
Ion Ratio Lower Upper

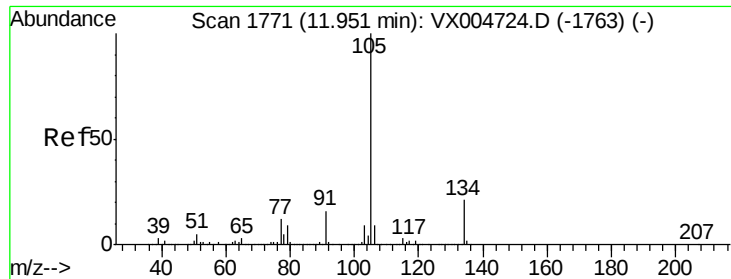
105 100

120 43.9 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

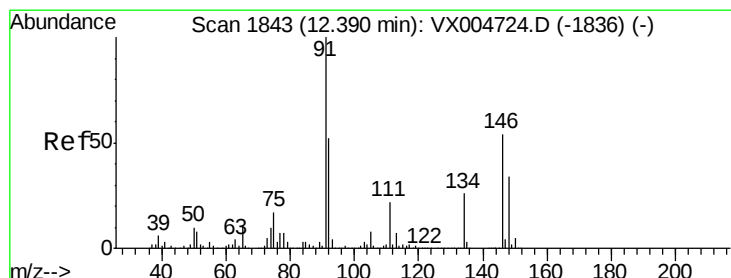
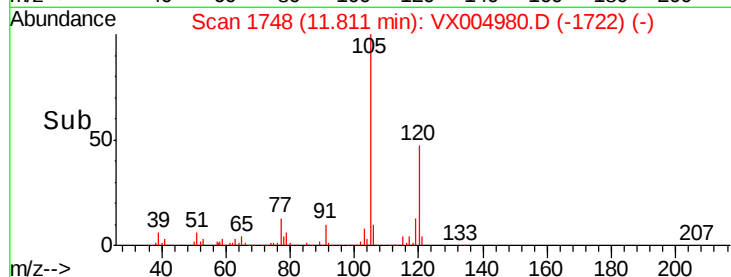
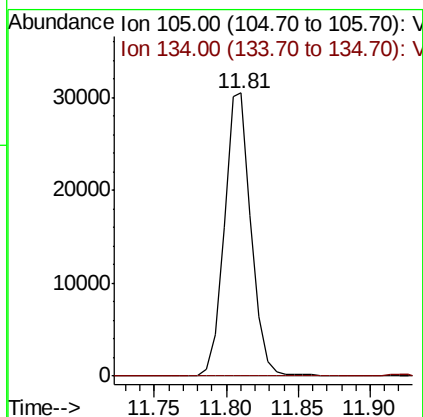
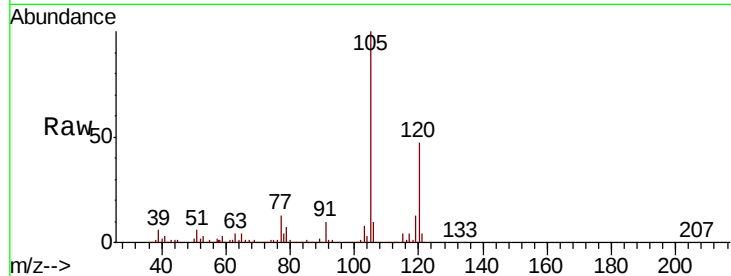




#85
 sec-Butylbenzene
 Concen: 2.453 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX004980.D
 Acq: 03 Oct 2018 20:14

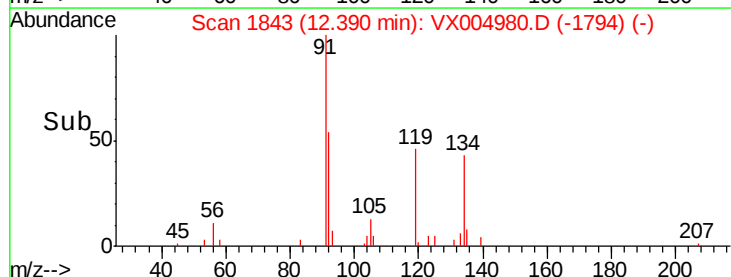
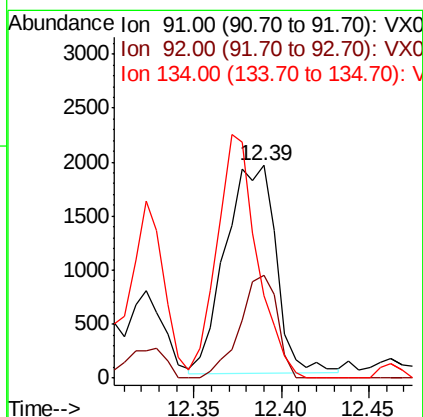
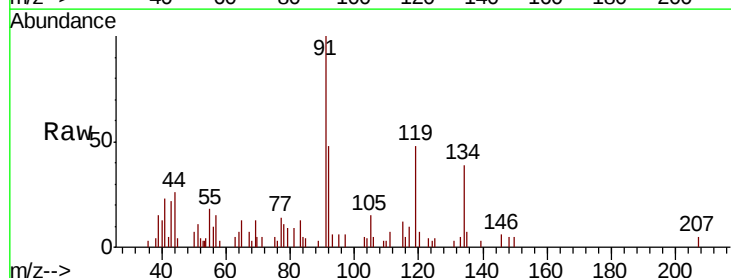
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#06

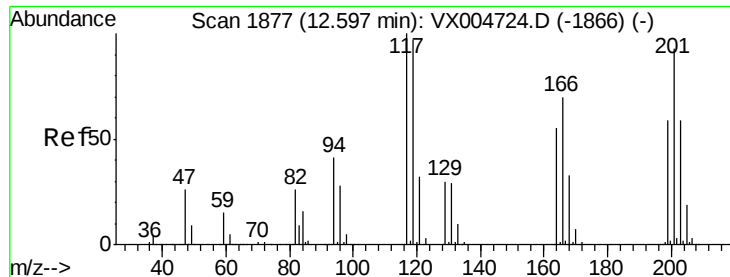
Tot Ion:105 Resp: 39782
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 0.293 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004980.D
 Acq: 03 Oct 2018 20:14

Tgt Ion: 91 Resp: 3906
 Ion Ratio Lower Upper
 91 100
 92 36.2 26.0 78.0
 134 92.2 13.2 39.6#





#90

Hexachloroethane

Concen: 0.200 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

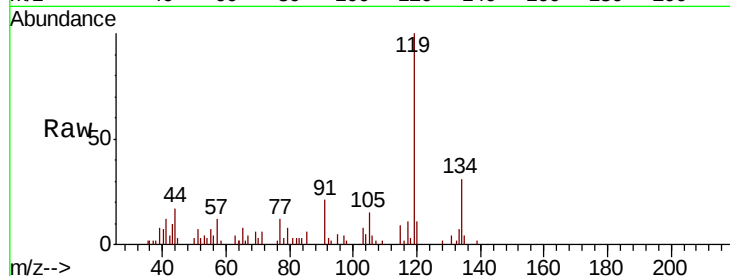
PB113446ZHE#06

Tot Ion:117 Resp: 490

Ion Ratio Lower Upper

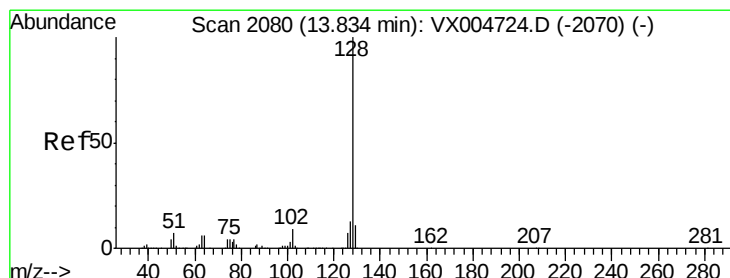
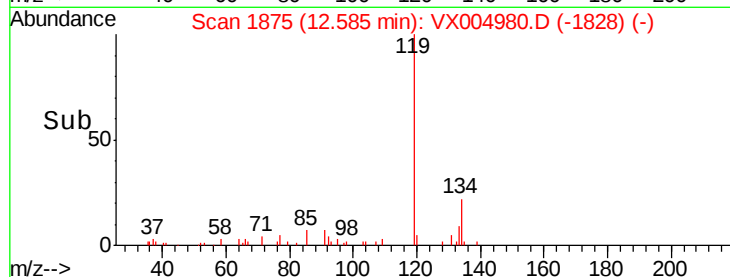
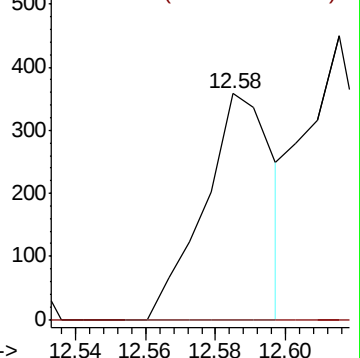
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 1.255 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004980.D

Acq: 03 Oct 2018 20:14

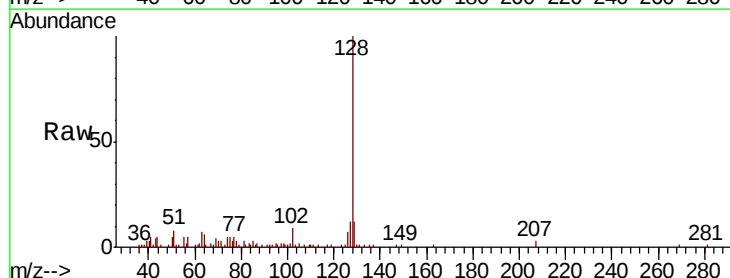
Tgt Ion:128 Resp: 11602

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.3 8.7 13.1



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

