

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004986.D
 Acq On : 03 Oct 2018 22:54
 Operator : JC/MD
 Sample : PB113446ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#12

Quant Time: Oct 04 01:28:24 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	270526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217370	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	193900	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
35) Dibromofluoromethane	5.50	113	169851	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	
50) Toluene-d8	8.71	98	615673	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.14	95	221156	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	

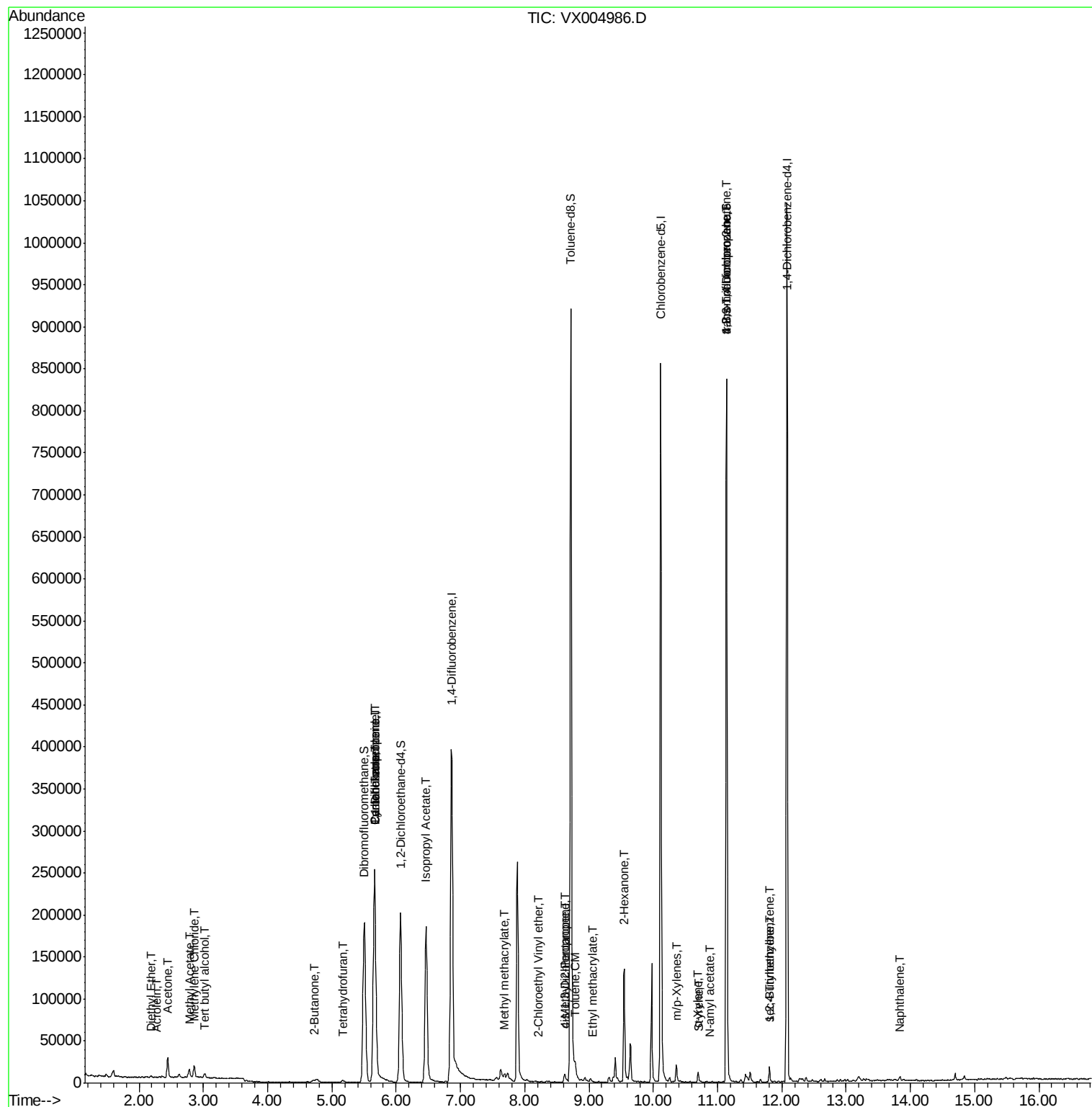
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	44	Below Cal	#	45
8) Diethyl Ether	2.19	74	520	0.230	ug/l	72
11) Tert butyl alcohol	3.02	59	3608	3.339	ug/l #	75
13) Acrolein	2.28	56	155	0.202	ug/l	88
16) Acetone	2.45	43	24819	11.001	ug/l	93
18) Methyl Acetate	2.78	43	11974	2.095	ug/l	96
20) Methylene Chloride	2.86	84	5684	0.909	ug/l	88
25) 2-Butanone	4.71	43	4793	1.441	ug/l	100
29) Tetrahydrofuran	5.16	42	2310	1.118	ug/l #	90
31) Cyclohexane	5.67	56	4679	0.952	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17484	3.455	ug/l #	46
38) Carbon Tetrachloride	5.67	117	23450	4.409	ug/l #	17
43) Isopropyl Acetate	6.46	43	249204	25.705	ug/l	95
48) Methyl methacrylate	7.69	41	9135	2.076	ug/l #	26
51) 4-Methyl-2-Pentanone	8.62	43	5291	0.867	ug/l #	37
52) Toluene	8.79	92	2159	0.248	ug/l	99
54) cis-1,3-Dichloropropene	8.62	75	1641	0.303	ug/l #	53
56) Ethyl methacrylate	9.07	69	115	2.880	ug/l #	5
58) 2-Chloroethyl Vinyl ether	8.21	63	19	14.248	ug/l #	49
59) 2-Hexanone	9.55	43	16148	3.174	ug/l #	54
68) m/p-Xylenes	10.36	106	5014	0.759	ug/l	99
69) o-Xylene	10.70	106	1516	0.250	ug/l	92
70) Styrene	10.71	104	378	2.172	ug/l #	24
74) N-ethyl acetate	10.88	43	48	1.754	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	105569	21.668	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	105569	58.736	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	7865	0.411	ug/l	98
85) sec-Butylbenzene	11.80	105	7865	0.572	ug/l #	56
95) Naphthalene	13.83	128	2891	0.877	ug/l #	93

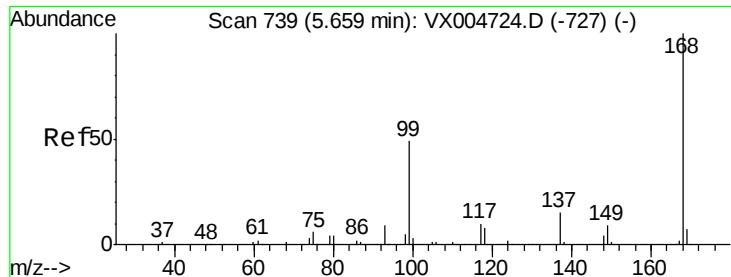
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX004986.D
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Quant Time: Oct 04 01:28:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

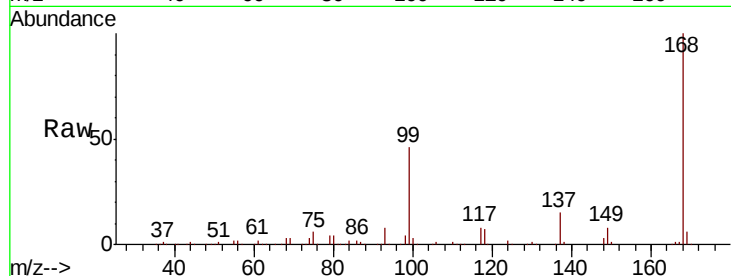
PB113446ZHE#12

Tot Ion:168 Resp: 270526

Ion Ratio Lower Upper

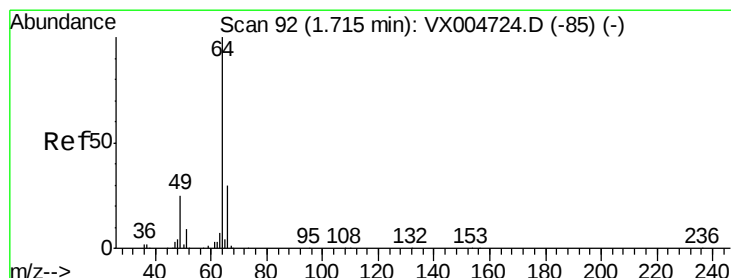
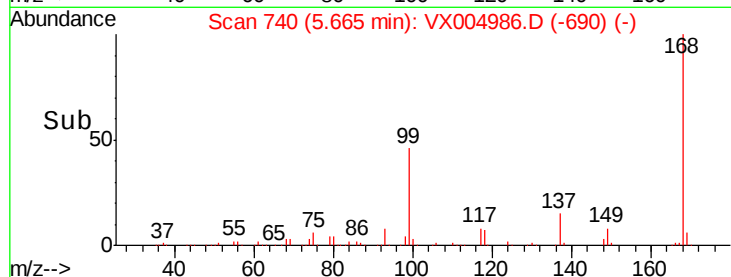
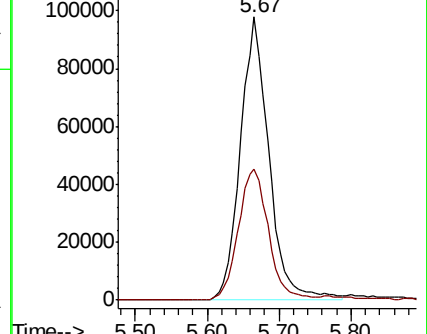
168 100

99 46.1 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: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004986.D

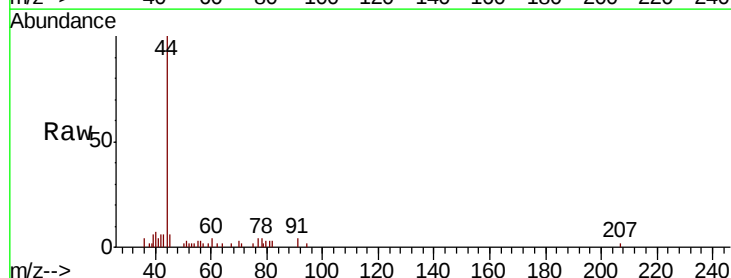
Acq: 03 Oct 2018 22:54

Tgt Ion: 64 Resp: 44

Ion Ratio Lower Upper

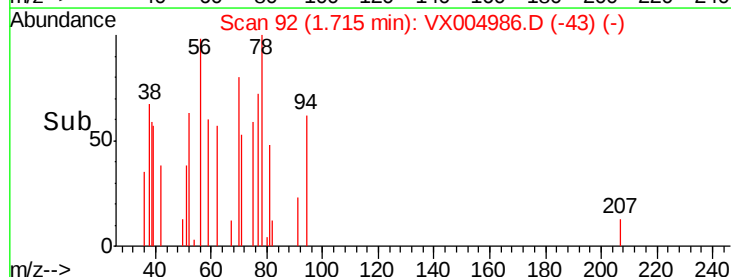
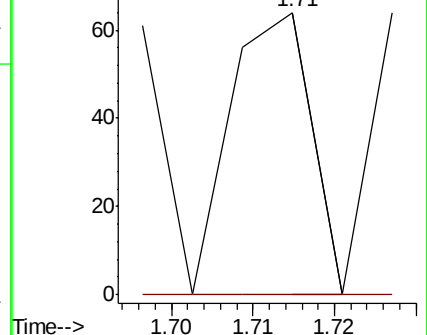
64 100

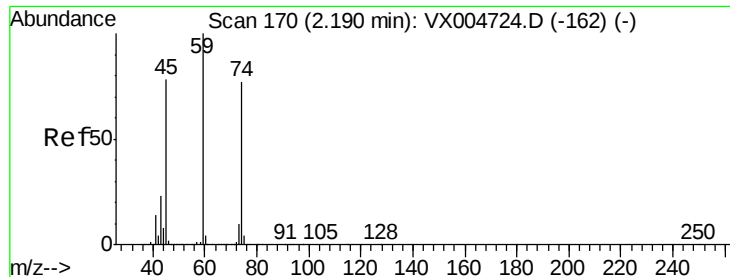
66 0.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.230 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

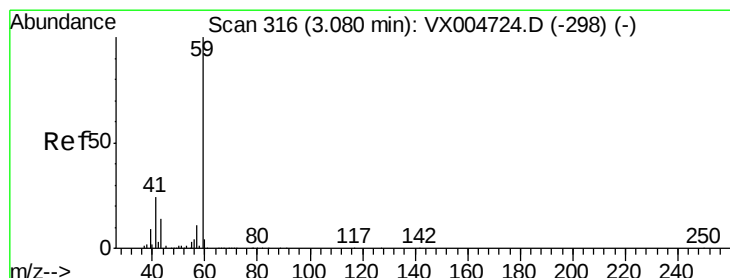
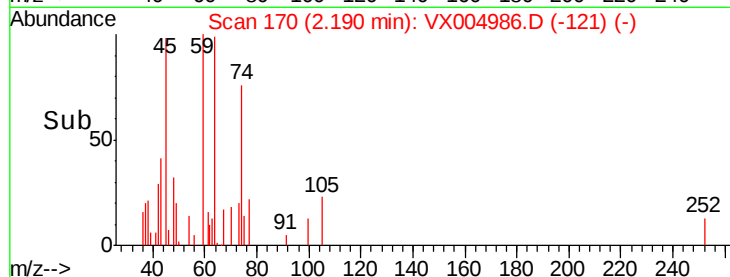
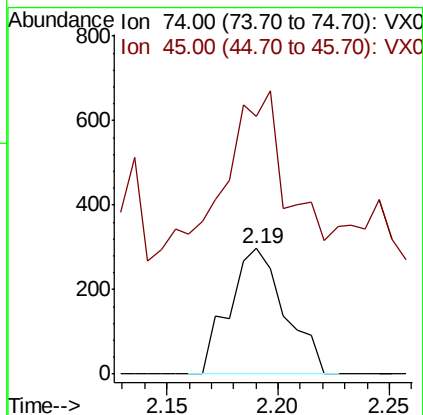
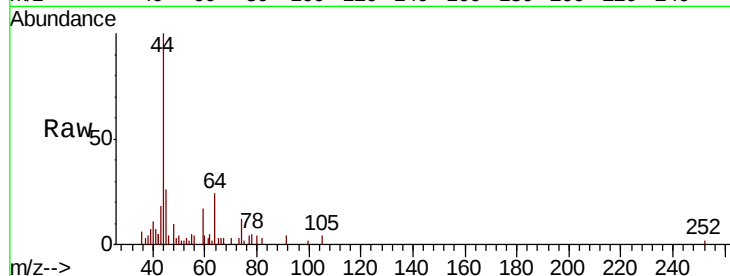
PB113446ZHE#12

Tot Ion: 74 Resp: 520

Ion Ratio Lower Upper

74 100

45 134.4 52.5 157.6



#11

Tert butyl alcohol

Concen: 3.339 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004986.D

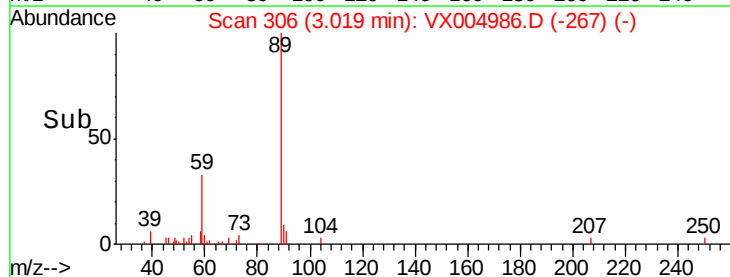
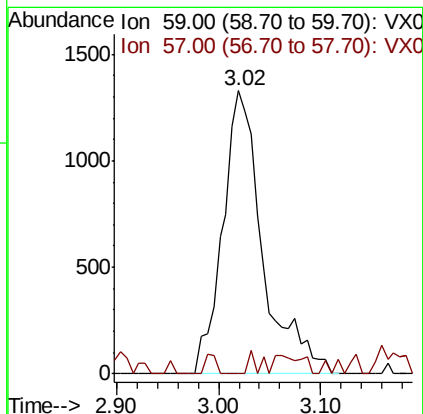
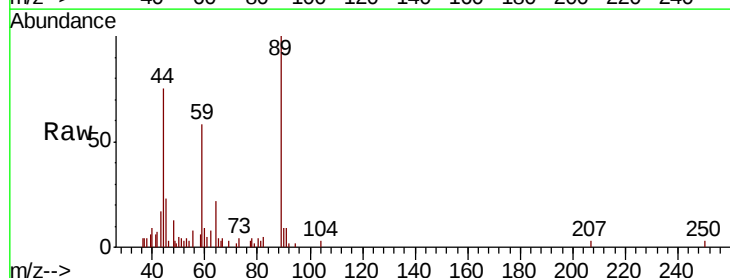
Acq: 03 Oct 2018 22:54

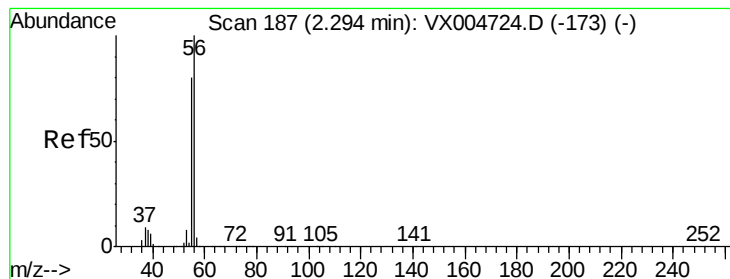
Tgt Ion: 59 Resp: 3608

Ion Ratio Lower Upper

59 100

57 1.1 8.6 12.8#





#13

Acrolein

Concen: 0.202 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

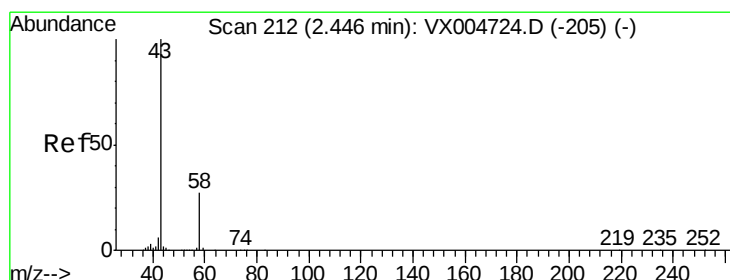
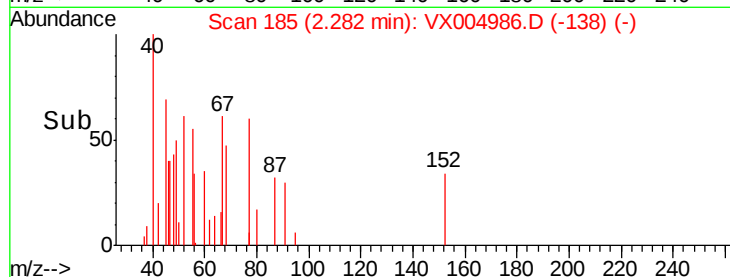
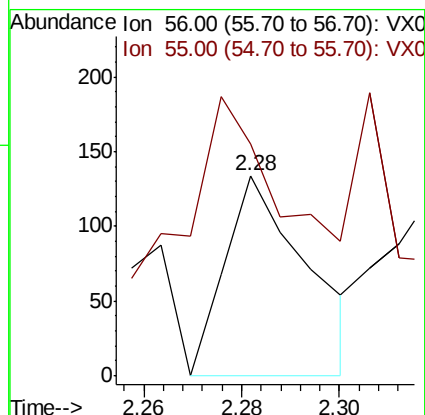
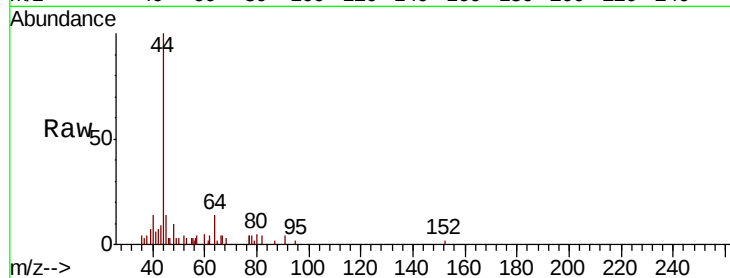
PB113446ZHE#12

Tot Ion: 56 Resp: 155

Ion Ratio Lower Upper

56 100

55 89.7 63.4 95.2



#16

Acetone

Concen: 11.001 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004986.D

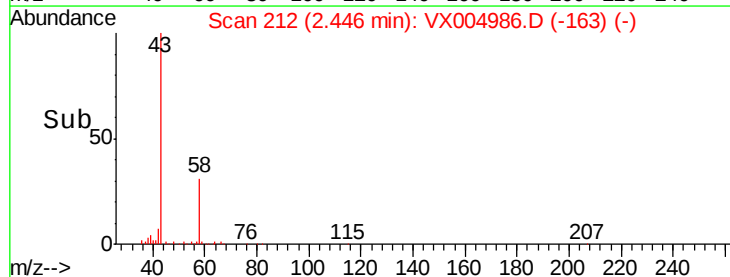
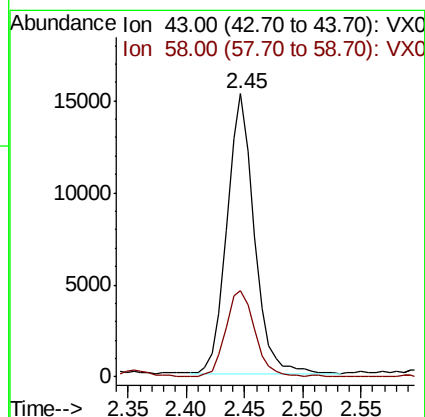
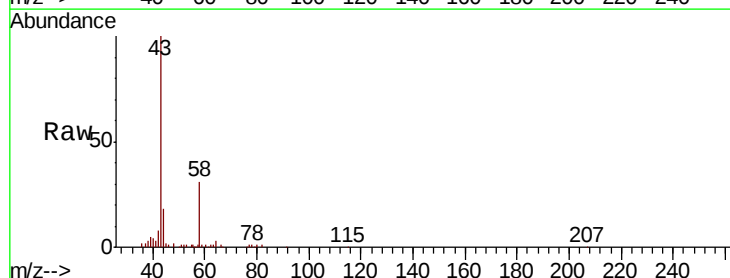
Acq: 03 Oct 2018 22:54

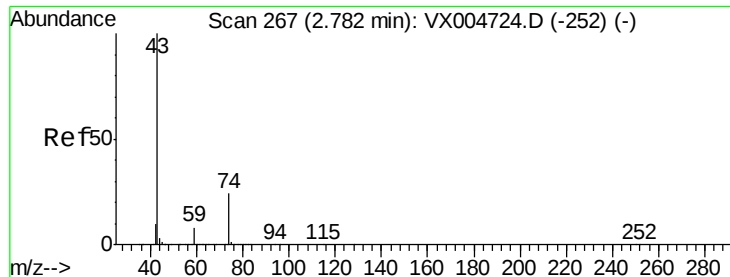
Tgt Ion: 43 Resp: 24819

Ion Ratio Lower Upper

43 100

58 30.9 21.8 32.6

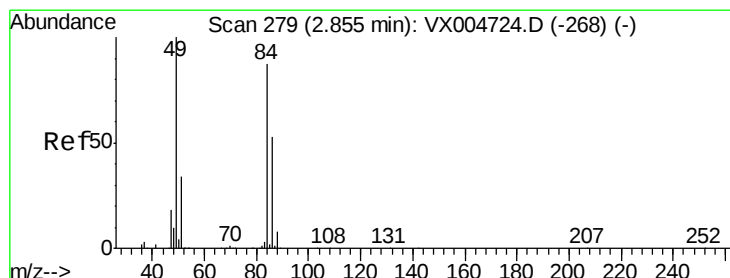
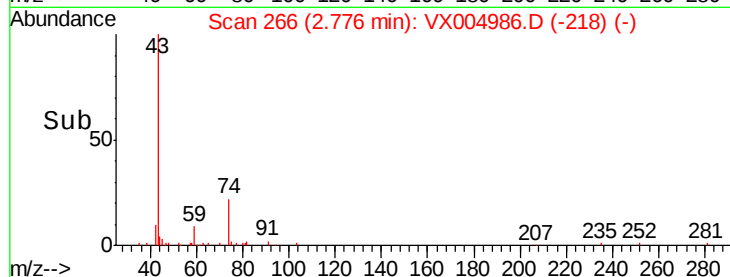
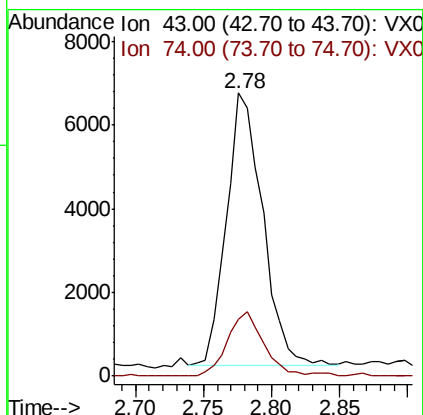
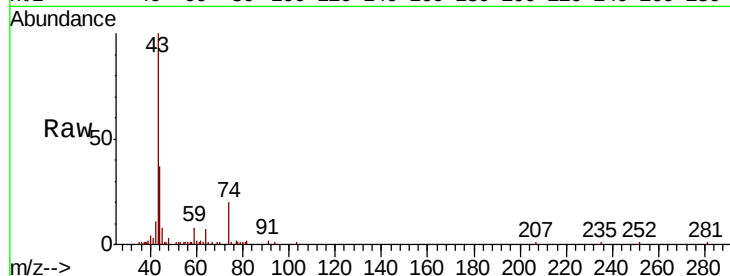




#18
Methvl Acetate
Concen: 2.095 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

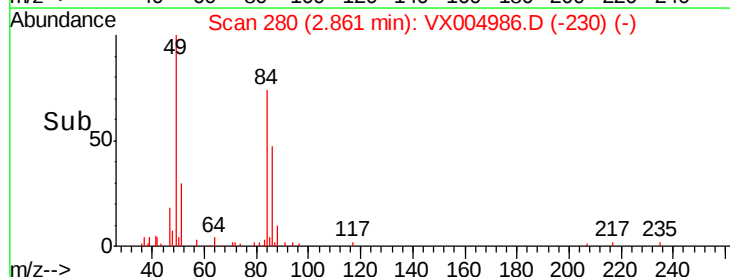
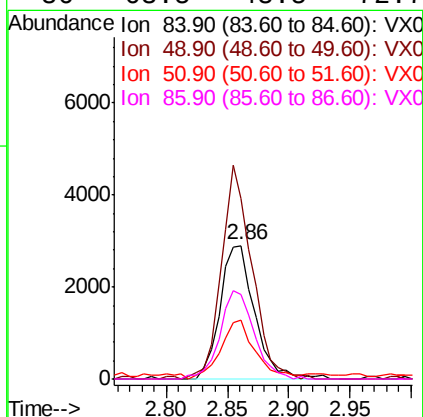
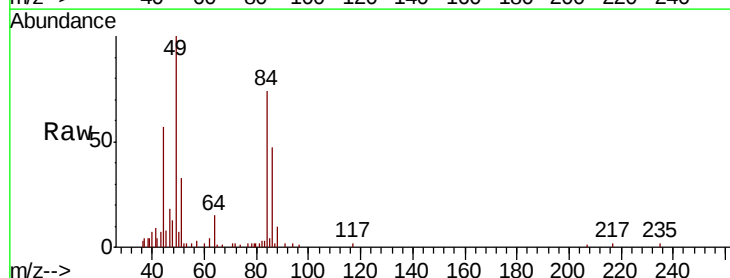
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#12

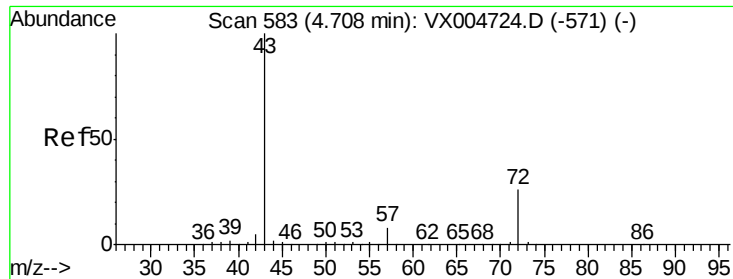
Tot Ion: 43 Resp: 11974
Ion Ratio Lower Upper
43 100
74 24.4 17.8 26.8



#20
Methylene Chloride
Concen: 0.909 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

Tgt Ion: 84 Resp: 5684
Ion Ratio Lower Upper
84 100
49 135.2 92.3 138.5
51 44.2 31.8 47.6
86 63.5 48.5 72.7

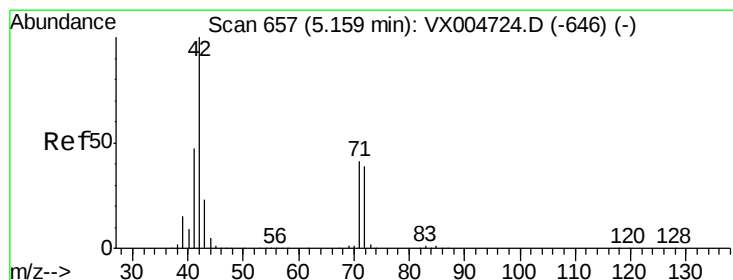
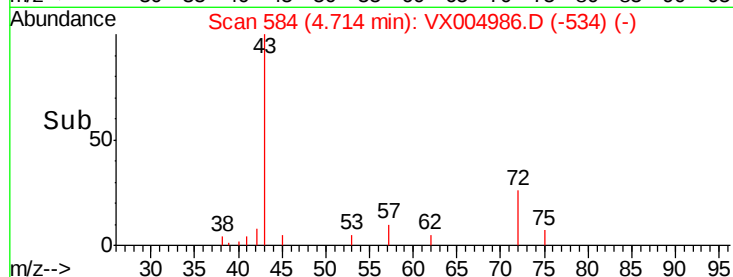
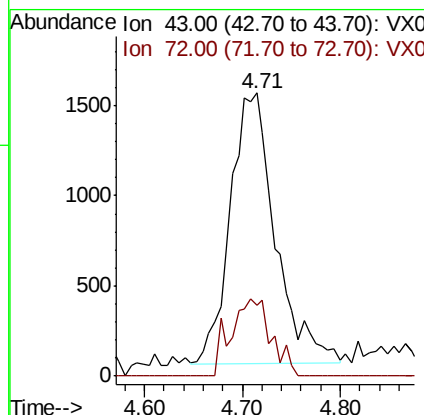
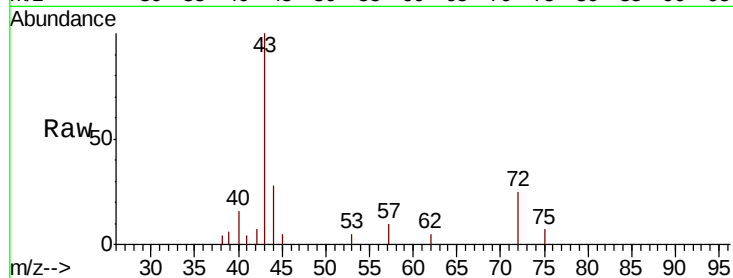




#25
2-Butanone
Concen: 1.441 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

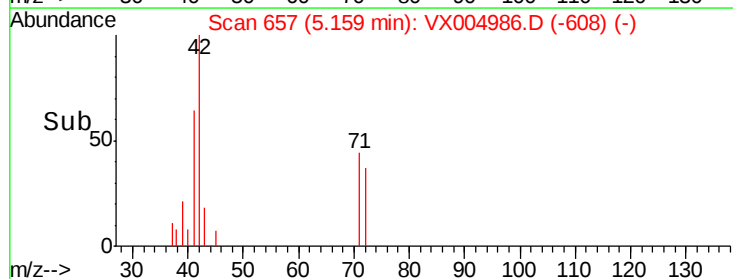
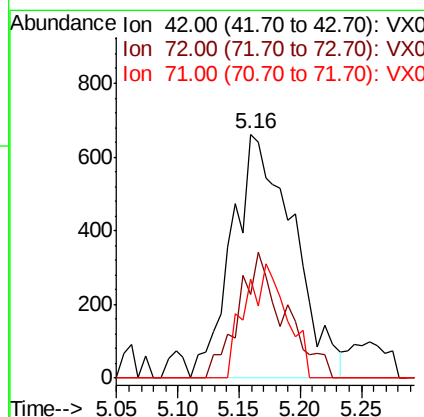
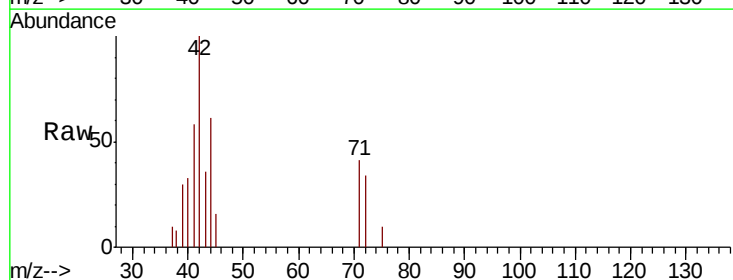
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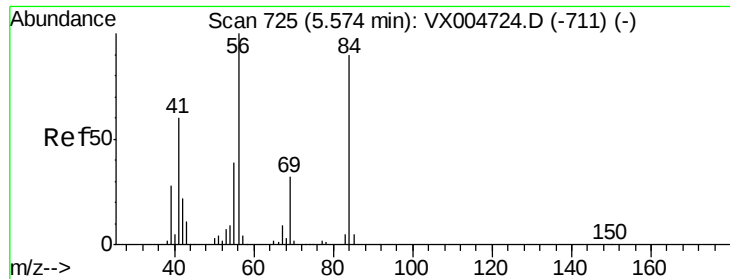
Tot Ion: 43 Resp: 4793
Ion Ratio Lower Upper
43 100
72 26.2 20.8 31.2



#29
Tetrahydrofuran
Concen: 1.118 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

Tgt Ion: 42 Resp: 2310
Ion Ratio Lower Upper
42 100
72 38.8 33.7 50.5
71 31.6 32.2 48.4#

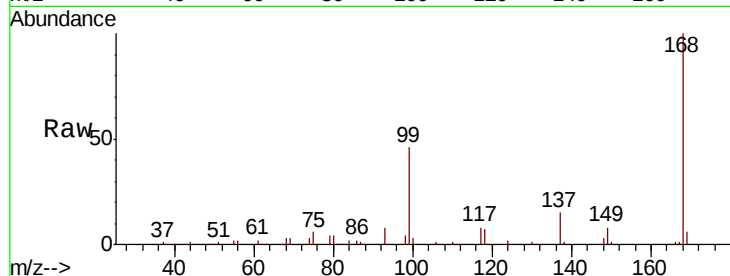




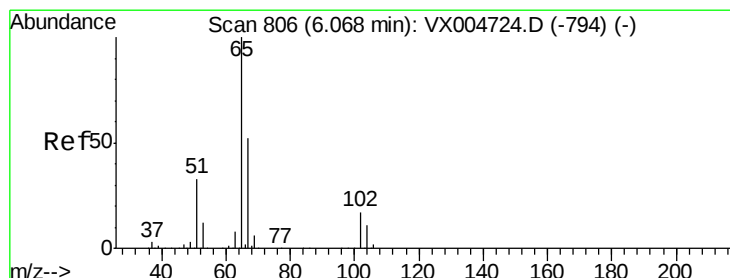
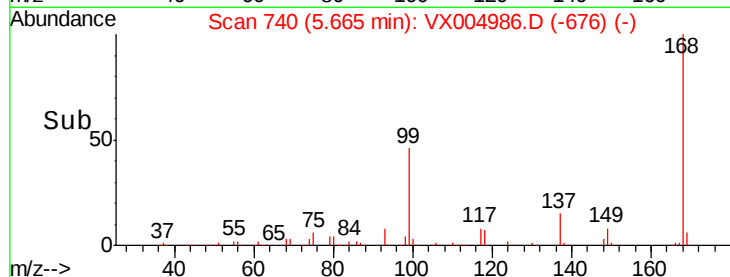
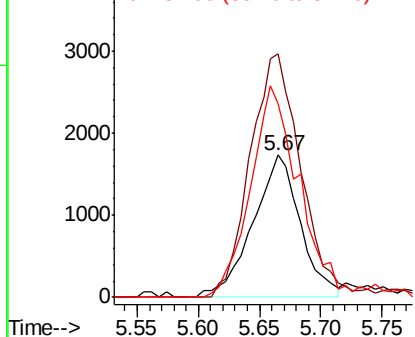
#31
Cyclohexane
Concen: 0.952 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#12

Tot Ion: 56 Resp: 4679
Ion Ratio Lower Upper
56 100
69 171.3 25.9 38.9#
84 136.2 71.9 107.9#

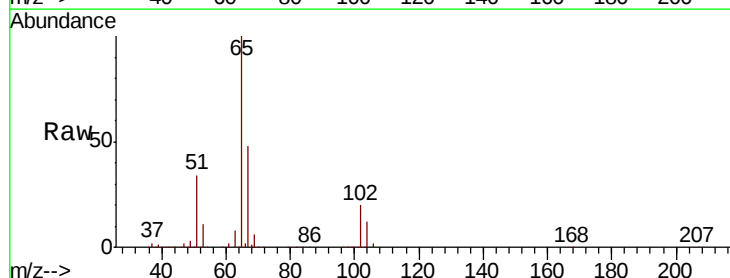


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

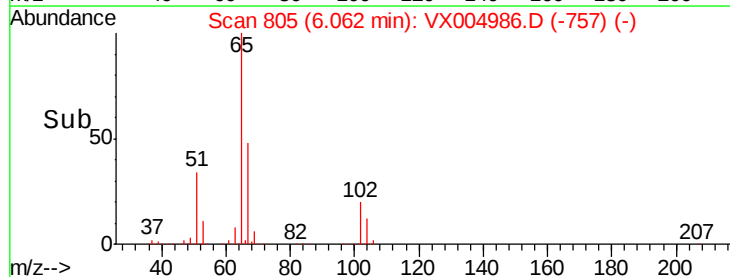
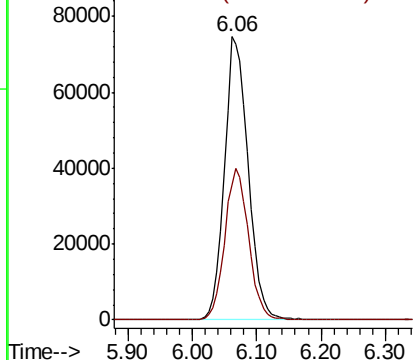


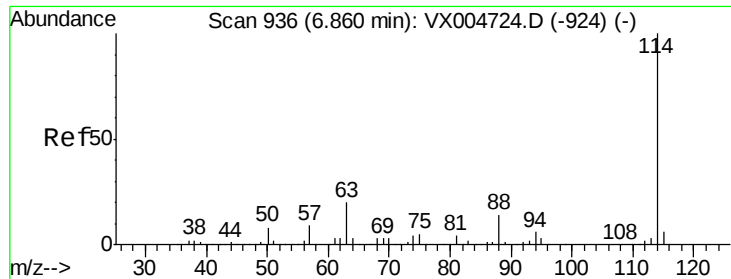
#33
1,2-Dichloroethane-d4
Concen: 50.175 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

Tgt Ion: 65 Resp: 193900
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4



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

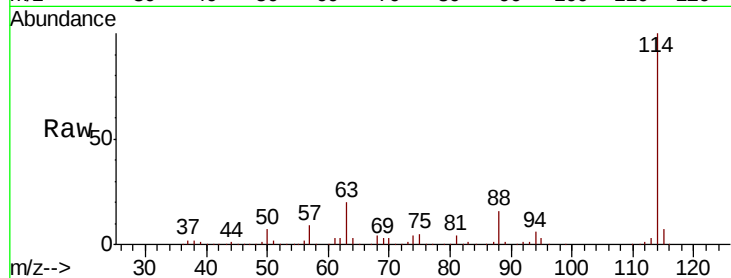




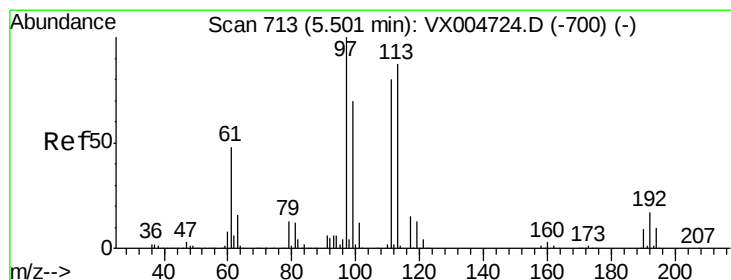
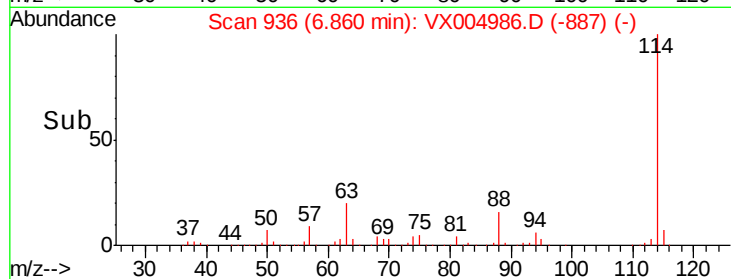
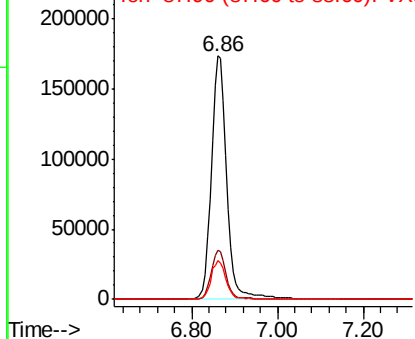
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004986.D
 Acq: 03 Oct 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#12

Tot Ion:114 Resp: 437615
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.8 0.0 27.0

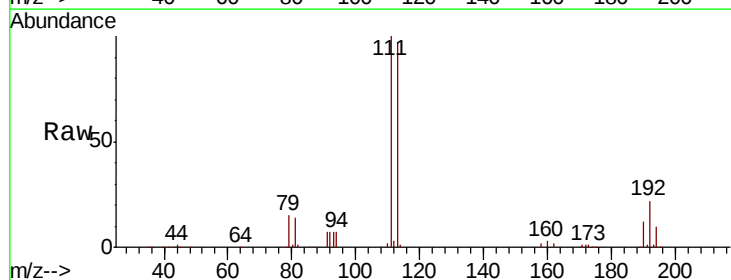


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

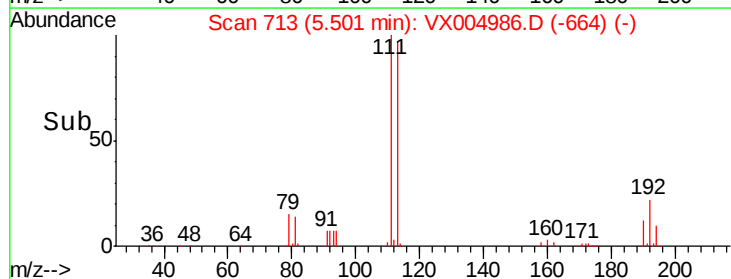
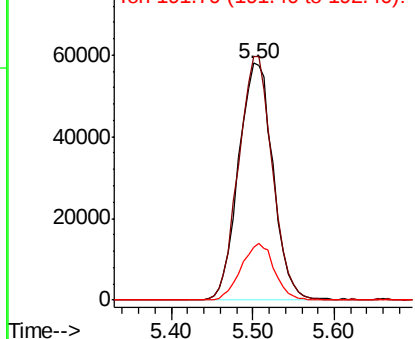


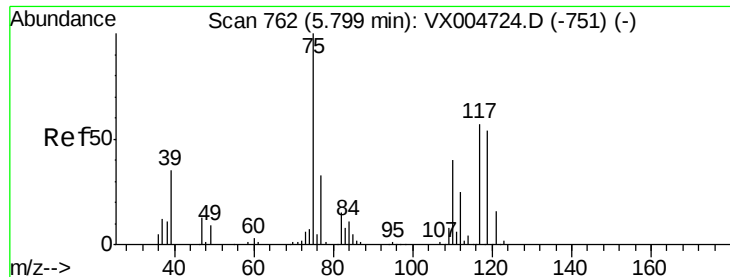
#35
 Dibromofluoromethane
 Concen: 45.796 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004986.D
 Acq: 03 Oct 2018 22:54

Tgt Ion:113 Resp: 169851
 Ion Ratio Lower Upper
 113 100
 111 101.1 77.0 115.4
 192 23.2 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: 3.455 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#12

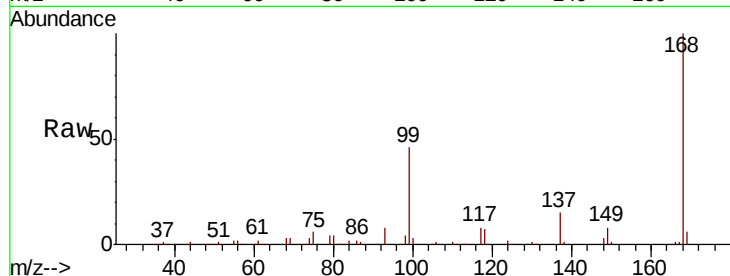
Tot Ion: 75 Resp: 17484

Ion Ratio Lower Upper

75 100

110 8.9 20.0 59.9#

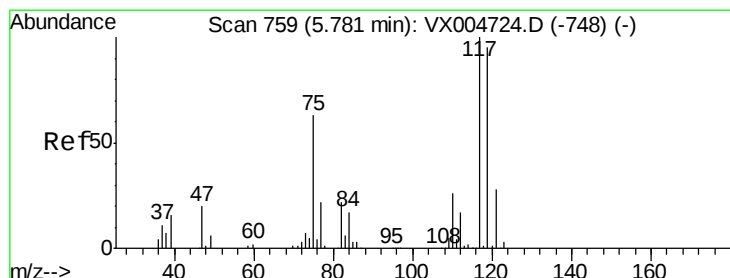
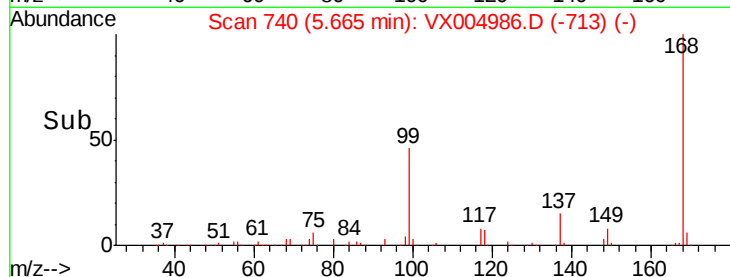
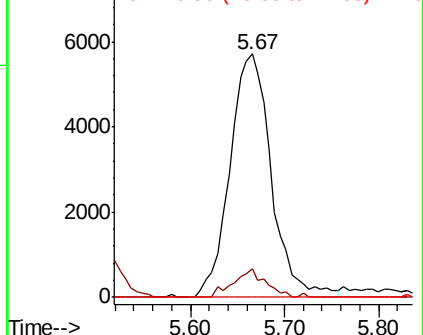
77 0.0 27.1 40.7#



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



#38

Carbon Tetrachloride

Concen: 4.409 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

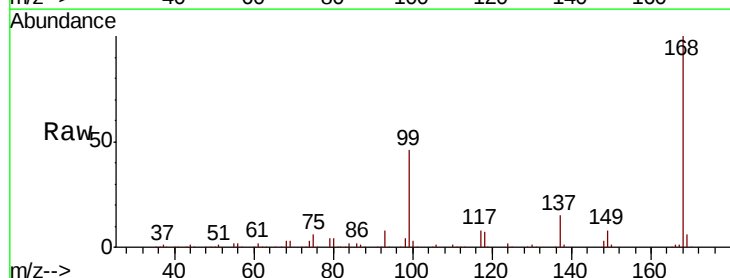
Tgt Ion: 117 Resp: 23450

Ion Ratio Lower Upper

117 100

119 5.3 75.2 112.8#

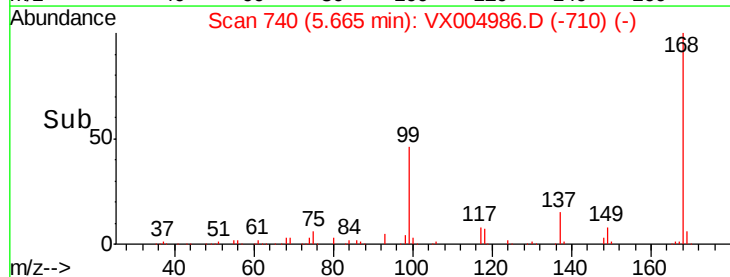
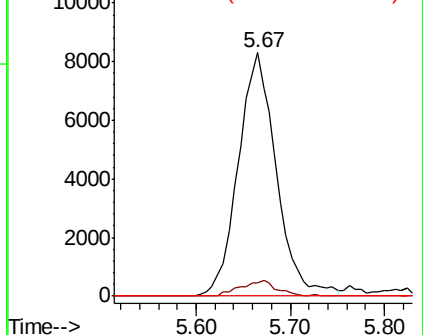
121 0.0 22.5 33.7#

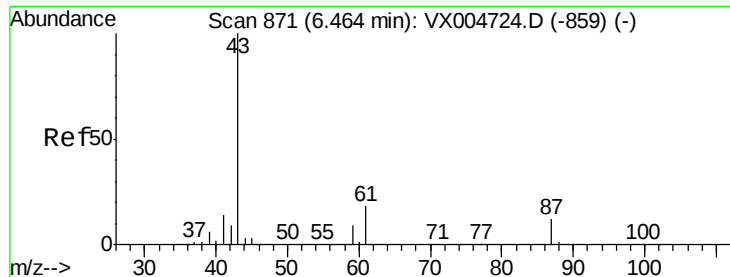


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 25.705 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#12

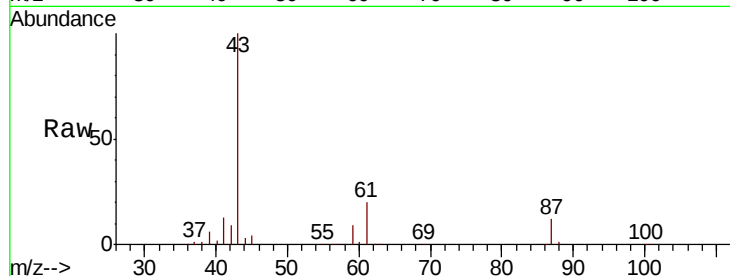
Tot Ion: 43 Resp: 249204

Ion Ratio Lower Upper

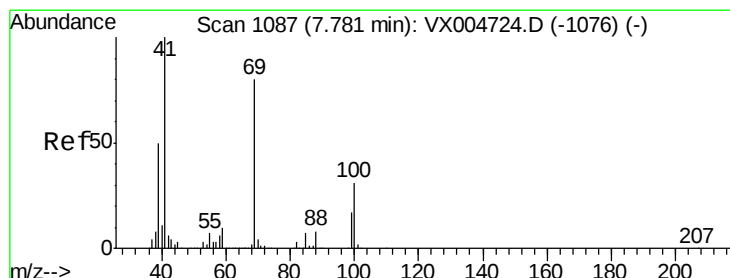
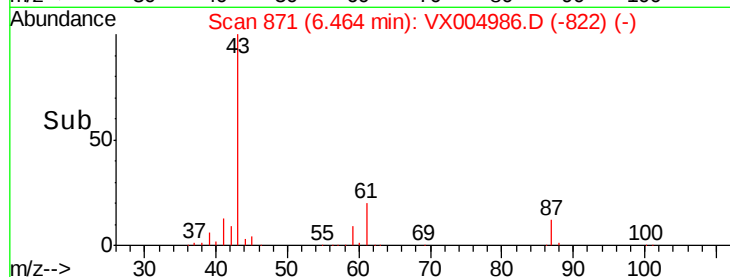
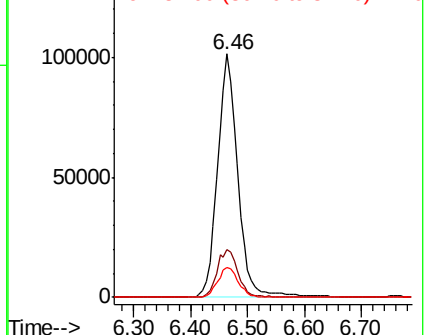
43 100

61 20.6 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: 2.076 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

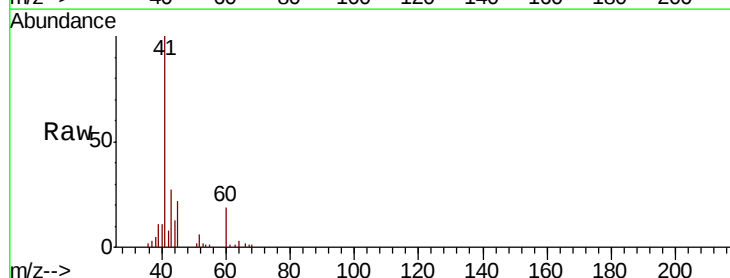
Tgt Ion: 41 Resp: 9135

Ion Ratio Lower Upper

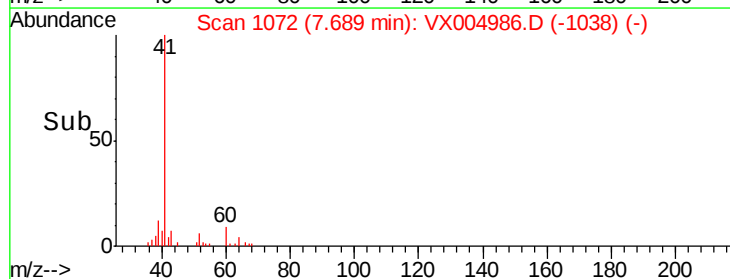
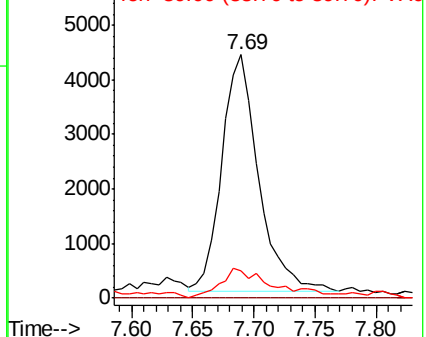
41 100

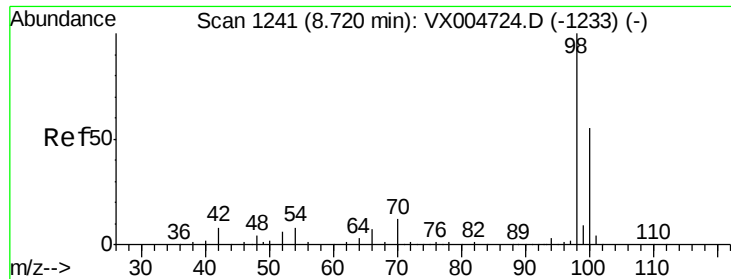
69 0.0 63.8 95.6#

39 17.7 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: 49.933 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

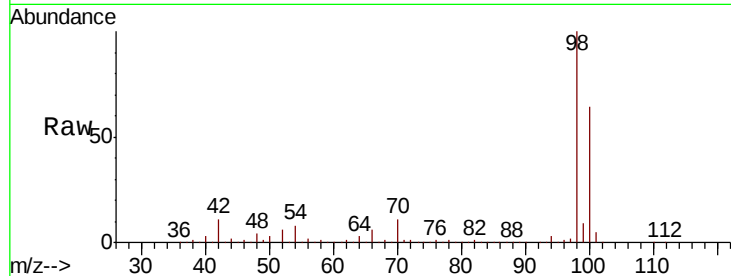
PB113446ZHE#12

Tot Ion: 98 Resp: 615673

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

300000

200000

100000

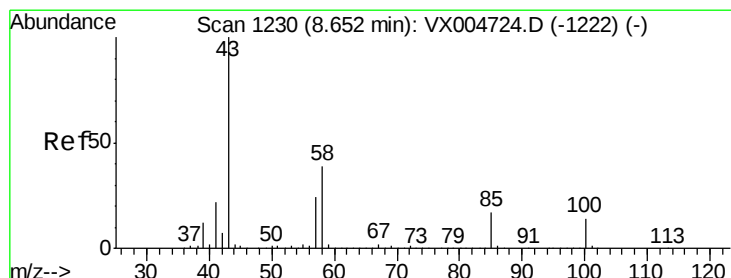
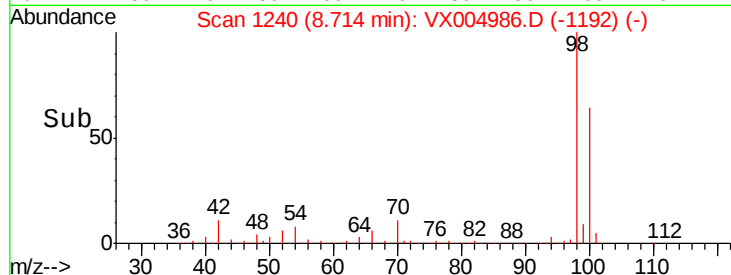
0

Time-->

8.60

8.80

9.00



#51

4-Methyl-2-Pentanone

Concen: 0.867 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX004986.D

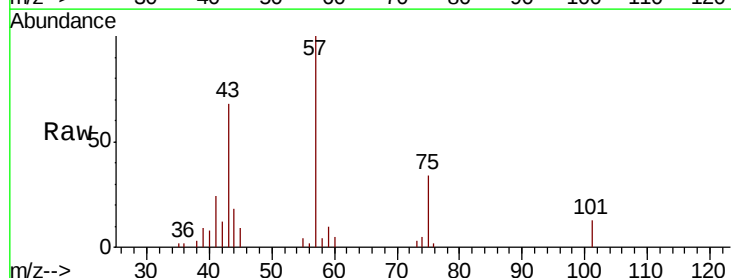
Acq: 03 Oct 2018 22:54

Tgt Ion: 43 Resp: 5291

Ion Ratio Lower Upper

43 100

58 0.0 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

3000

2000

1000

0

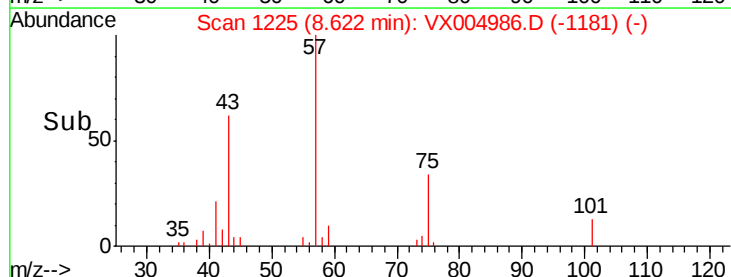
Time-->

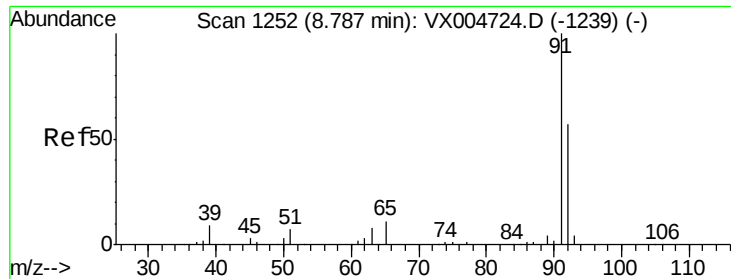
8.55

8.60

8.65

8.70





#52

Toluene

Concen: 0.248 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

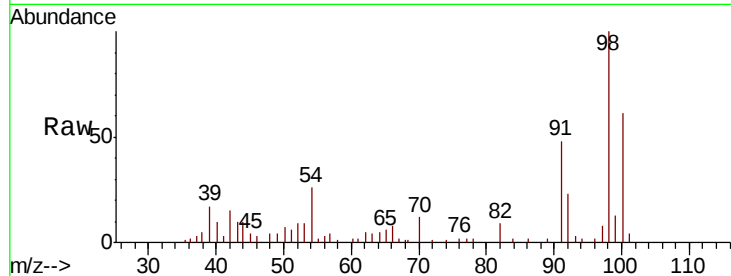
PB113446ZHE#12

Tot Ion: 92 Resp: 2159

Ion Ratio Lower Upper

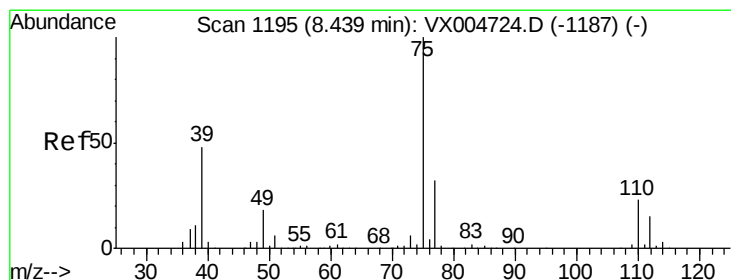
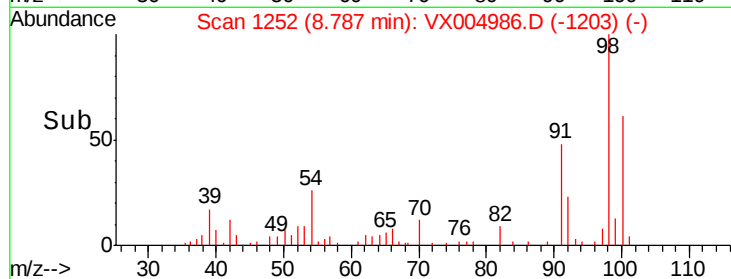
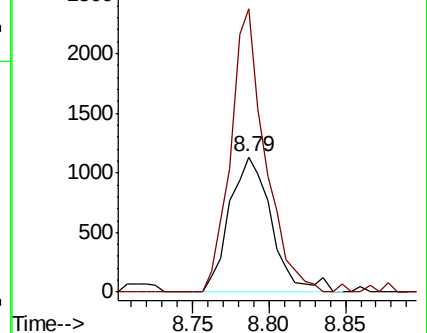
92 100

91 172.3 136.7 205.1



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: 0.303 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

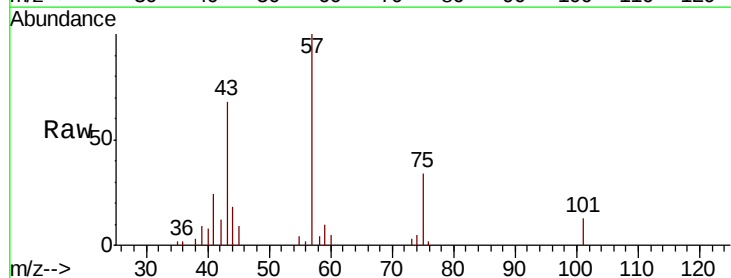
Tgt Ion: 75 Resp: 1641

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

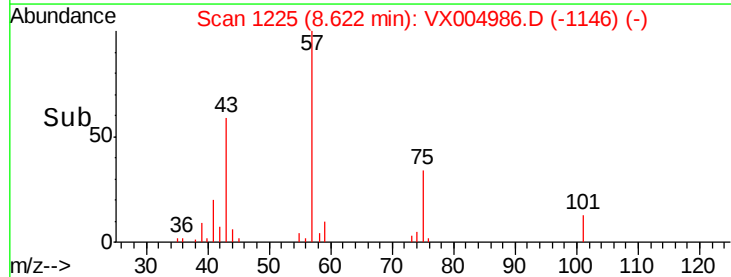
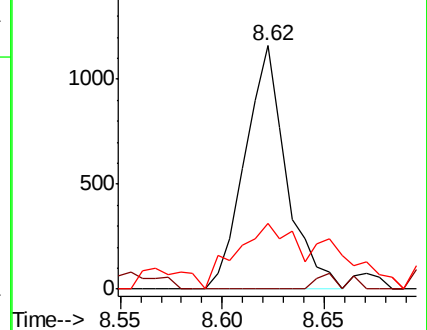
39 20.4 38.3 57.5#

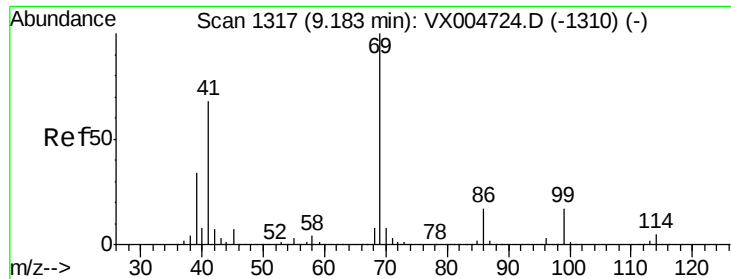


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.880 ug/l

RT: 9.07 min Scan# 1298

Delta R.T. -0.12 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#12

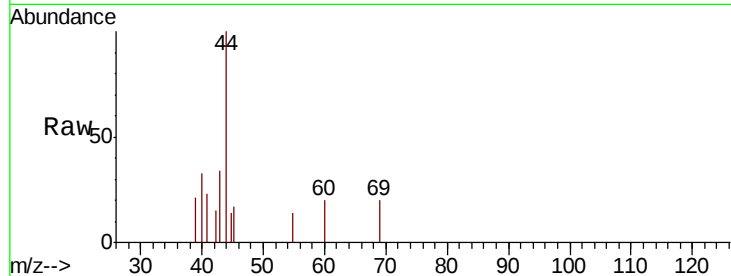
Tot Ion: 69 Resp: 115

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

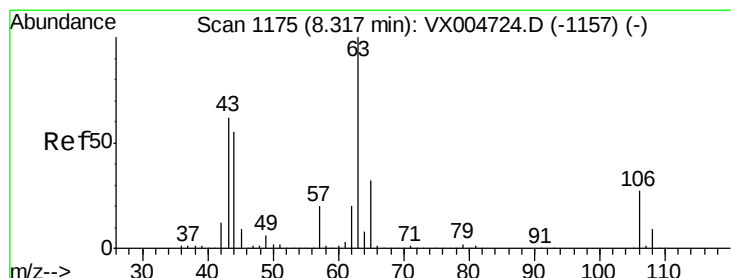
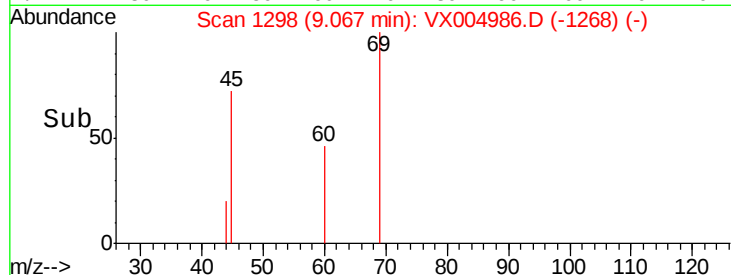
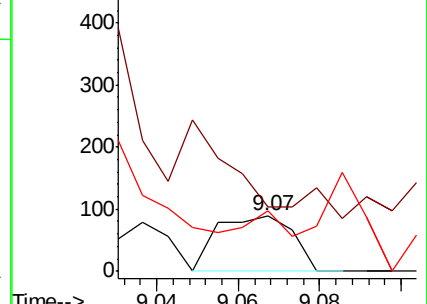
39 101.7 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.248 ug/l

RT: 8.21 min Scan# 1158

Delta R.T. -0.10 min

Lab File: VX004986.D

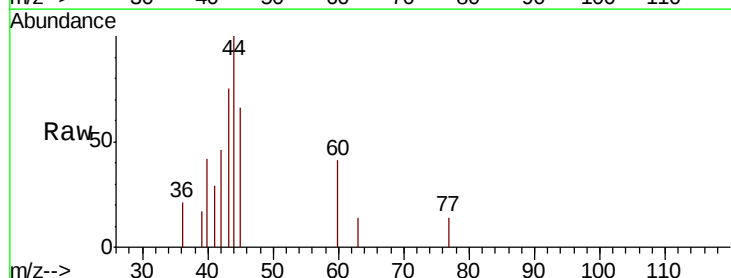
Acq: 03 Oct 2018 22:54

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

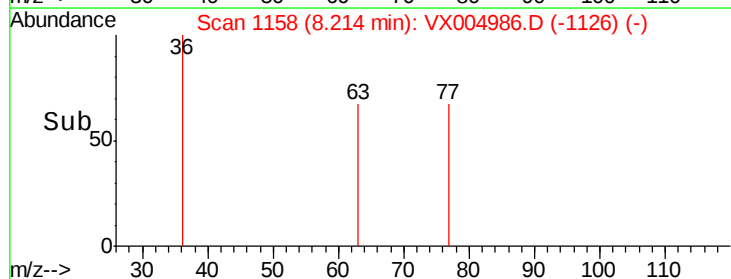
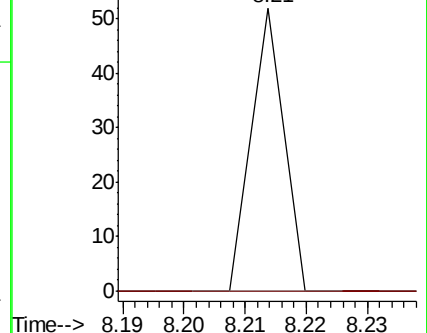
63 100

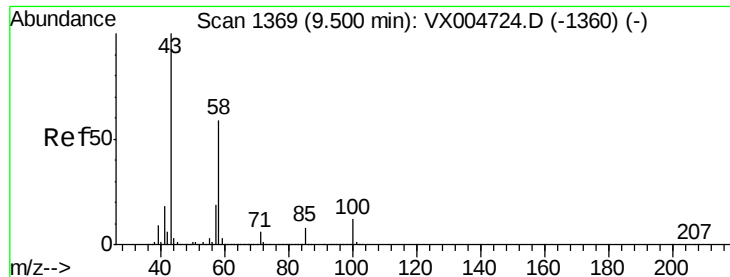
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

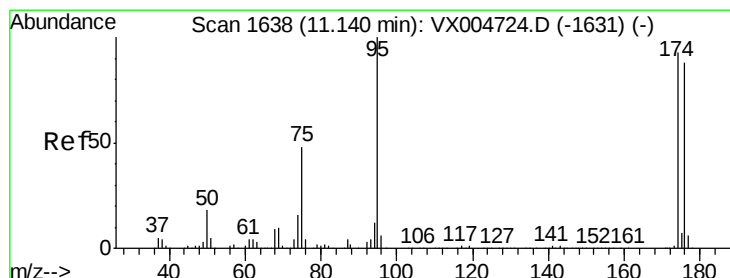
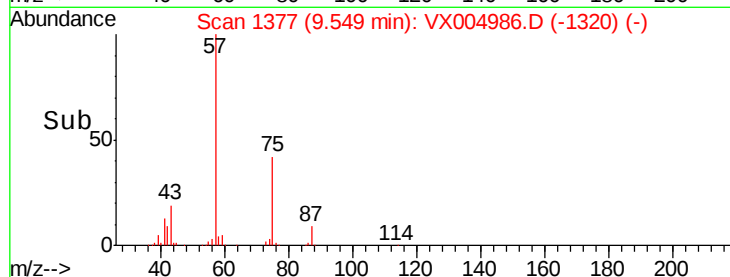
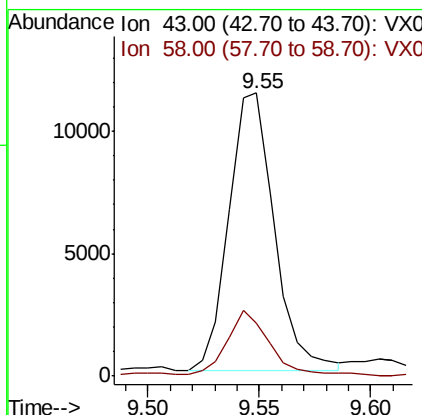
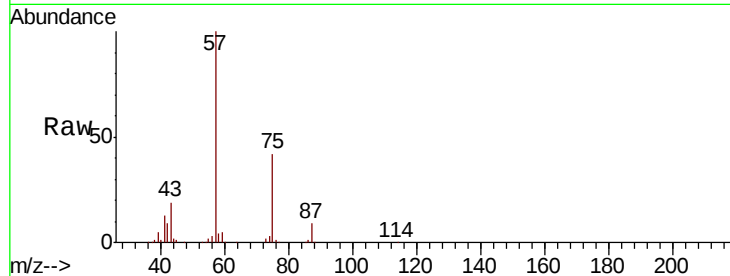




#59
2-Hexanone
Concen: 3.174 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

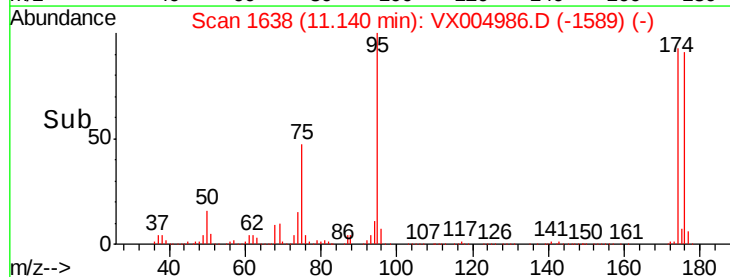
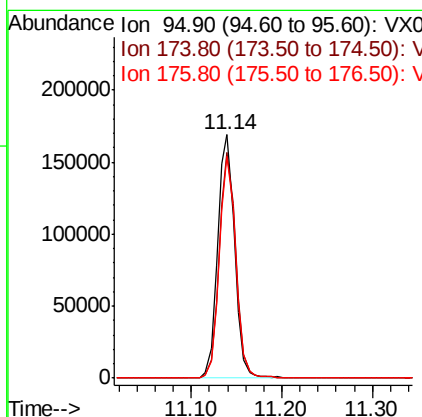
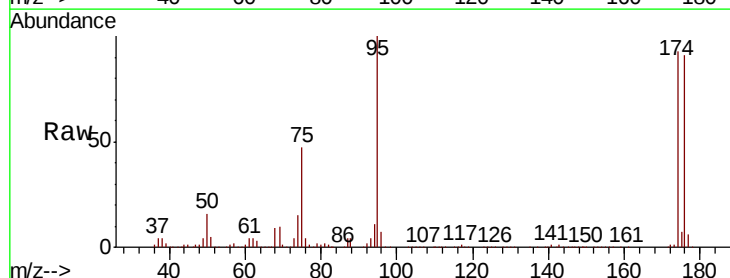
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#12

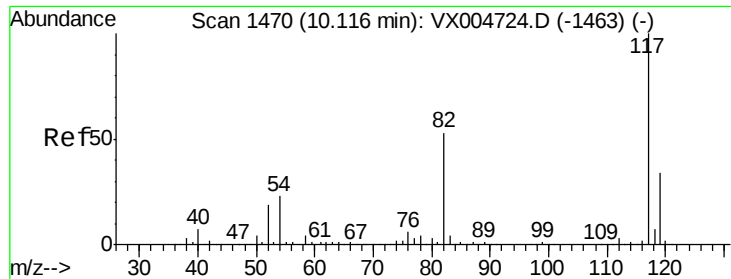
Tot Ion: 43 Resp: 16148
Ion Ratio Lower Upper
43 100
58 22.8 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 49.788 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

Tgt Ion: 95 Resp: 221156
Ion Ratio Lower Upper
95 100
174 91.1 0.0 185.0
176 88.7 0.0 180.2

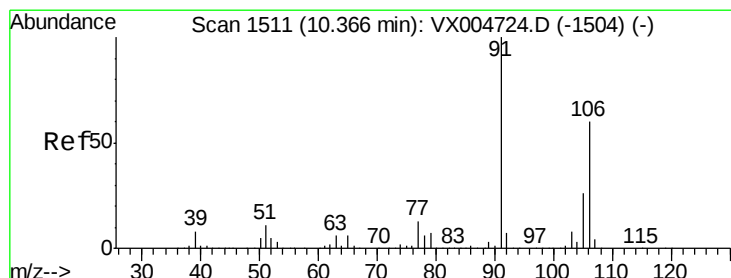
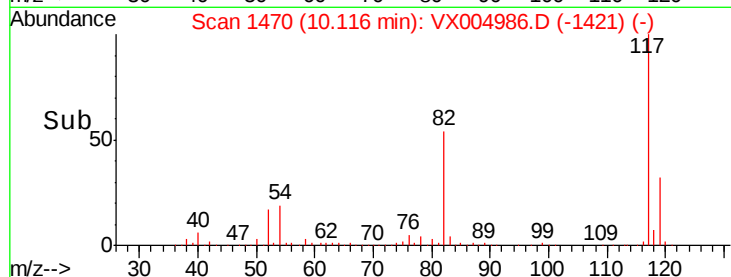
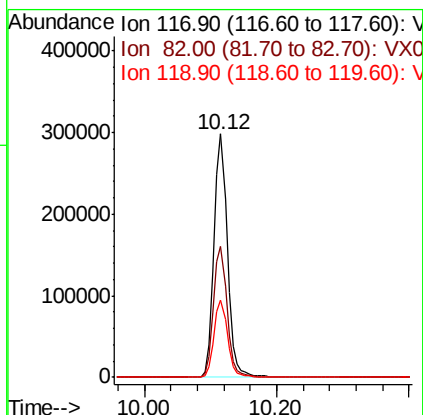
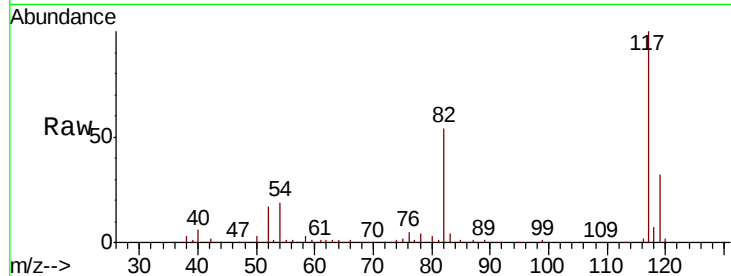




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

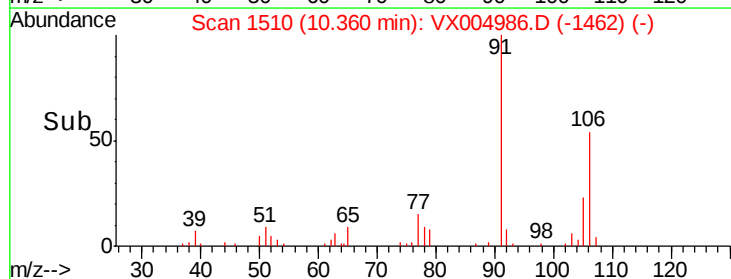
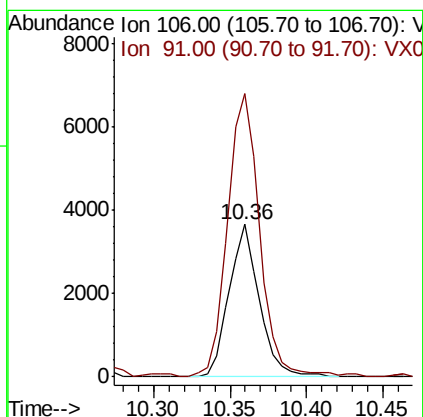
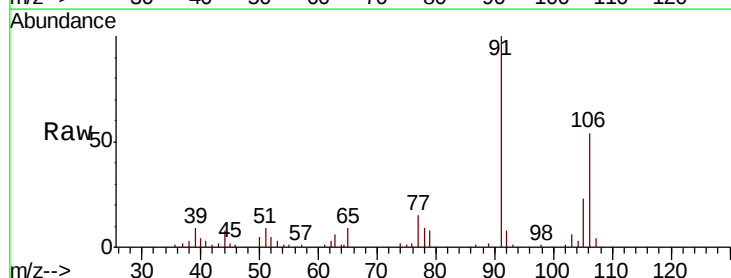
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#12

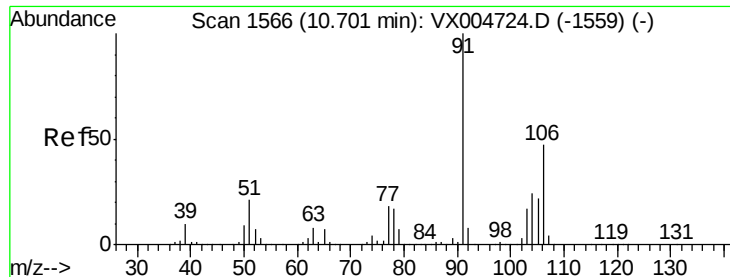
Tot Ion:117 Resp: 415187
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 31.8 27.4 41.0



#68
m/p-Xylenes
Concen: 0.759 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

Tgt Ion:106 Resp: 5014
Ion Ratio Lower Upper
106 100
91 198.2 157.5 236.3

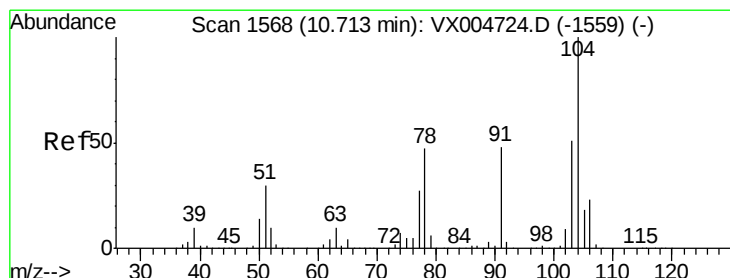
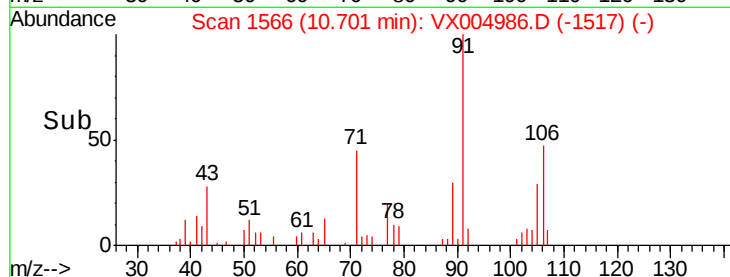
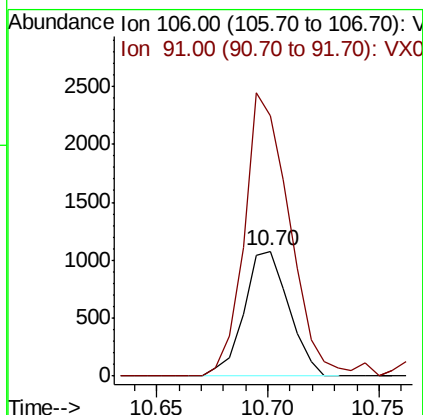
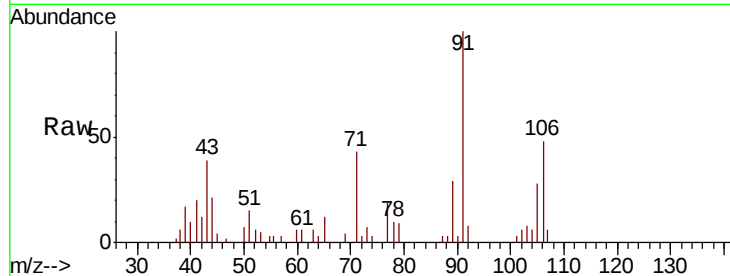




#69
o-Xylene
Concen: 0.250 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

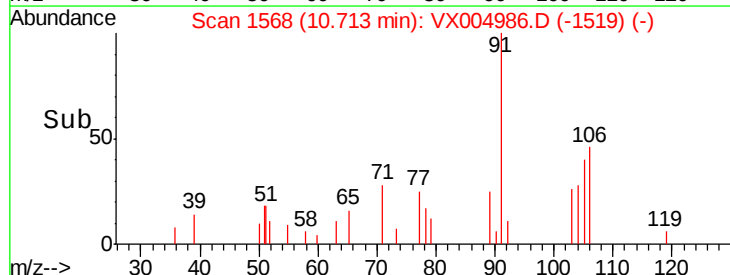
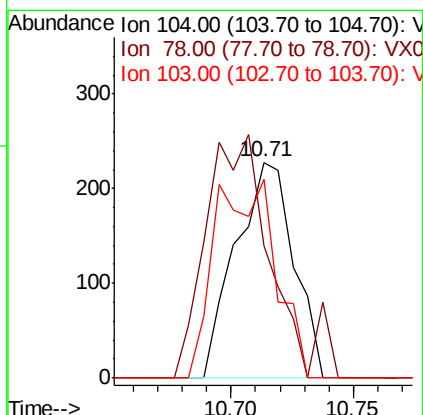
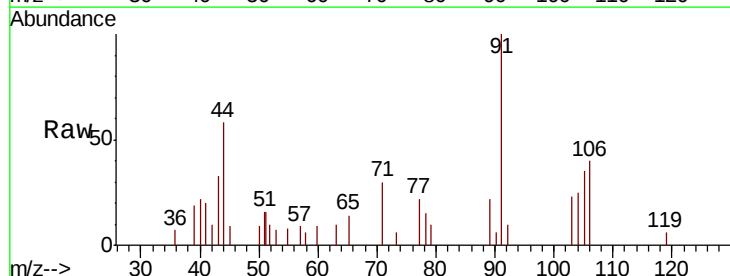
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#12

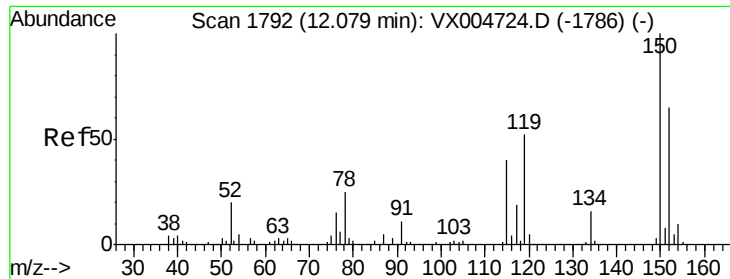
Tot Ion:106 Resp: 1516
Ion Ratio Lower Upper
106 100
91 229.6 108.3 324.8



#70
Styrene
Concen: 2.172 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

Tgt Ion:104 Resp: 378
Ion Ratio Lower Upper
104 100
78 118.3 40.0 60.0#
103 95.2 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: VX004986.D

Acq: 03 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#12

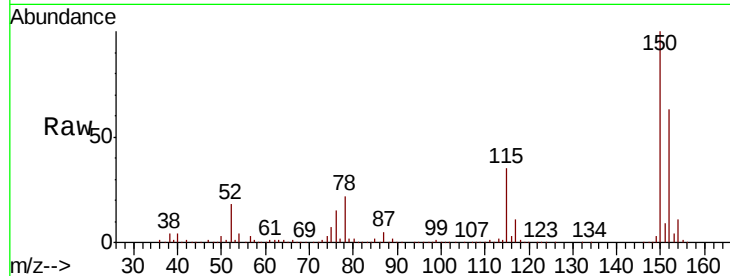
Tot Ion:152 Resp: 217370

Ion Ratio Lower Upper

152 100

115 55.7 40.2 120.6

150 157.0 0.0 351.0

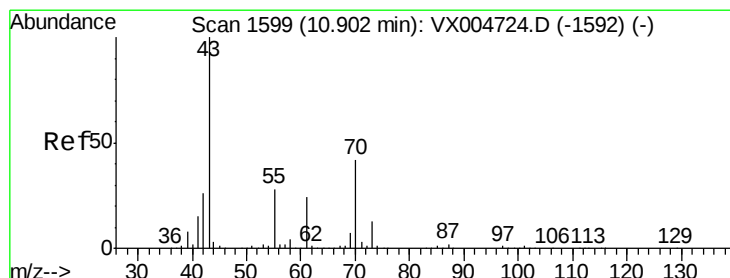
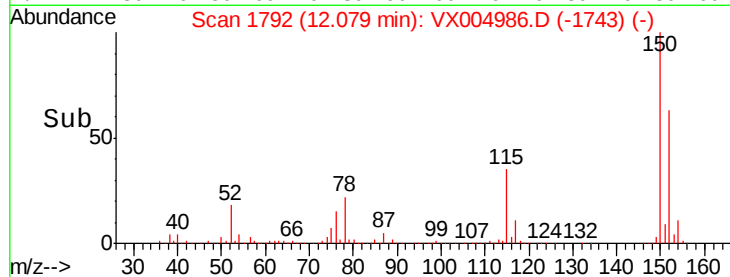
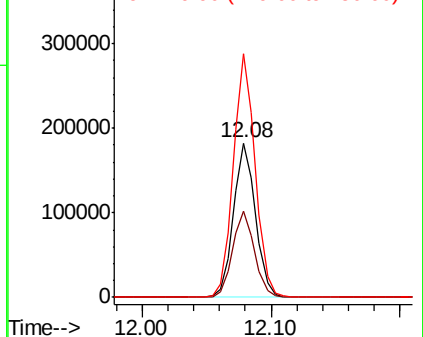


Abundance

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: 1.754 ug/l

RT: 10.88 min Scan# 1596

Delta R.T. -0.02 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

Tgt Ion: 43 Resp: 48

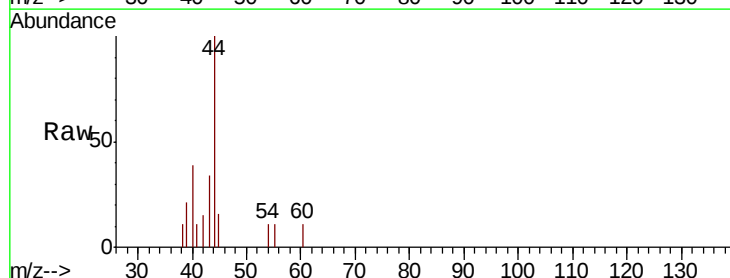
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 54.2 21.6 32.4#

61 0.0 19.1 28.7#



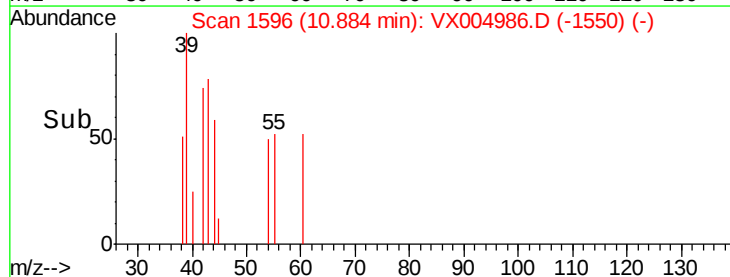
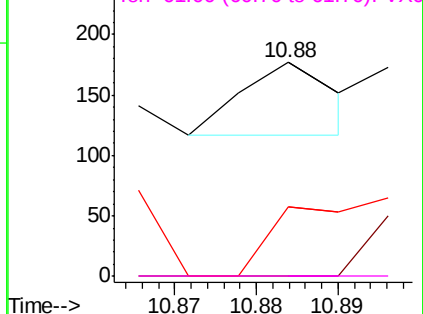
Abundance

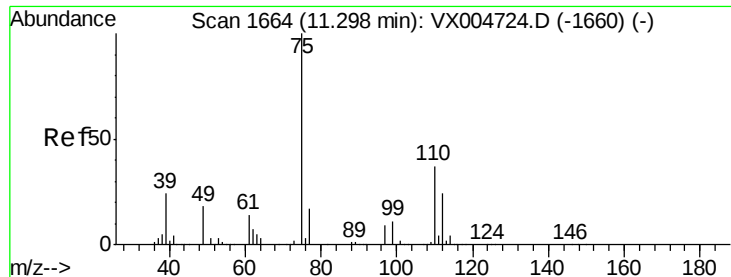
Ion 43.00 (42.70 to 43.70): VX0

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: 21.668 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

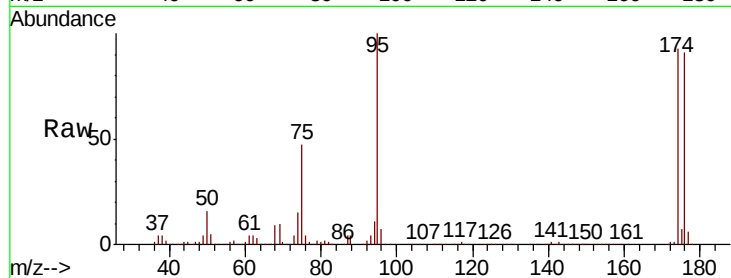
PB113446ZHE#12

Tot Ion: 75 Resp: 105569

Ion Ratio Lower Upper

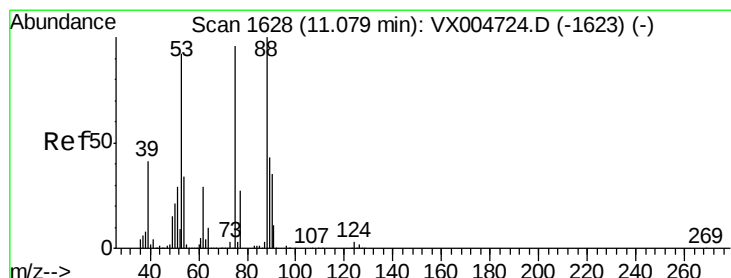
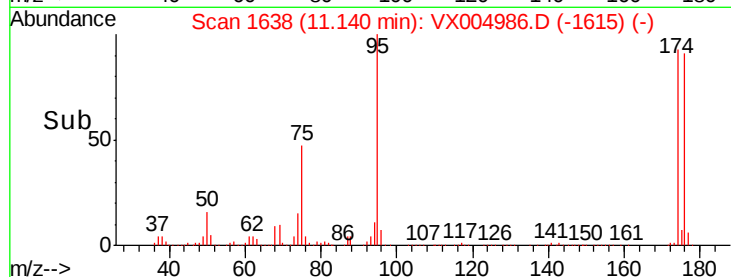
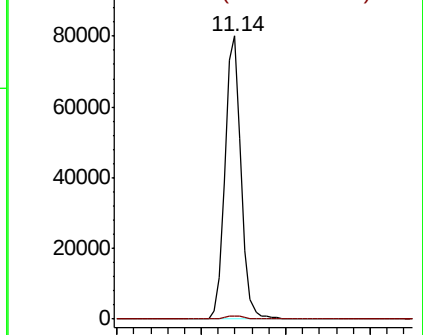
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 58.736 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004986.D

Acq: 03 Oct 2018 22:54

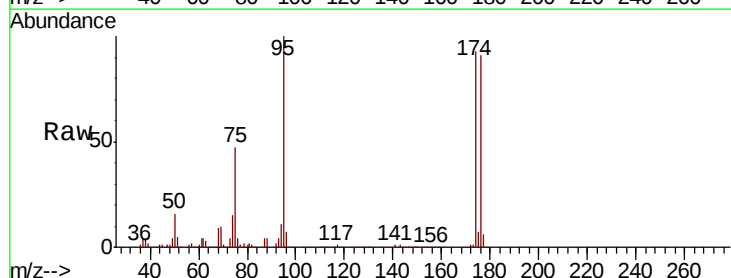
Tgt Ion: 75 Resp: 105569

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.4#

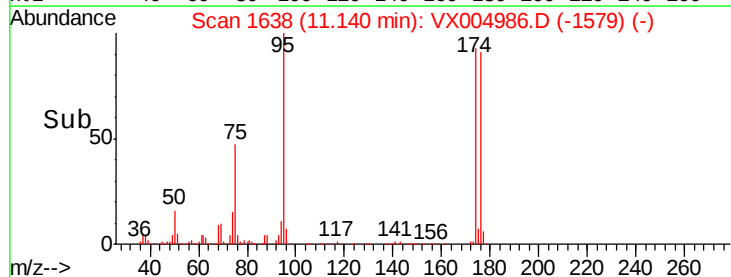
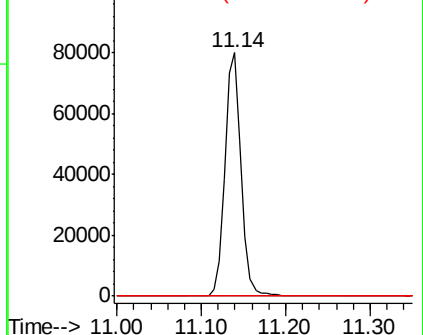
89 0.1 37.1 55.7#

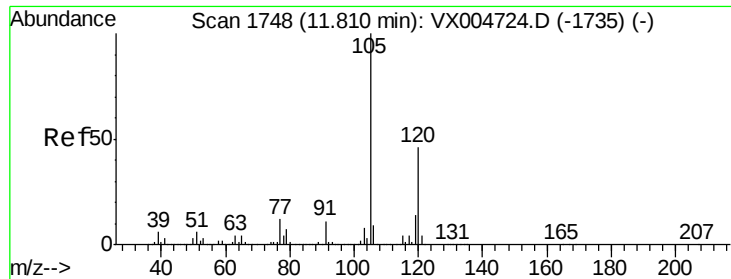


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

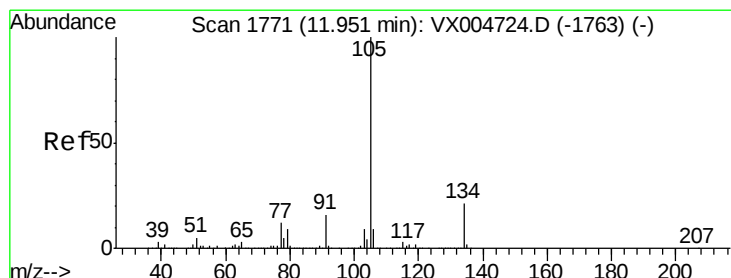
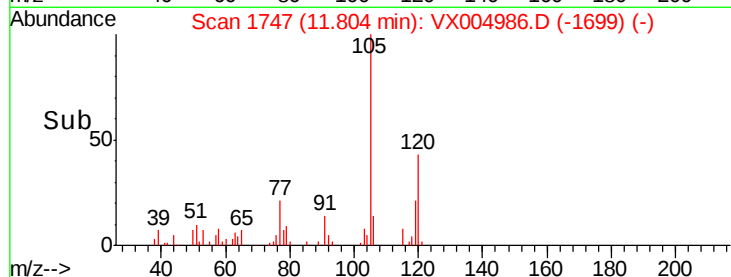
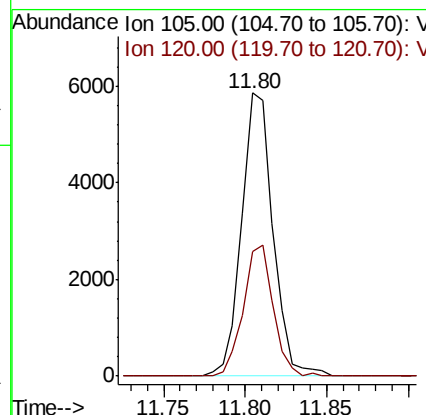
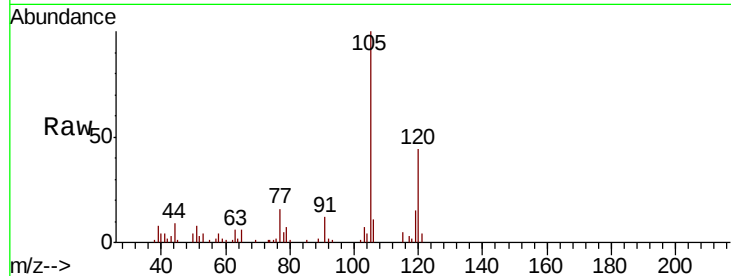




#84
 1,2,4-Trimethylbenzene
 Concen: 0.411 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX004986.D
 Acq: 03 Oct 2018 22:54

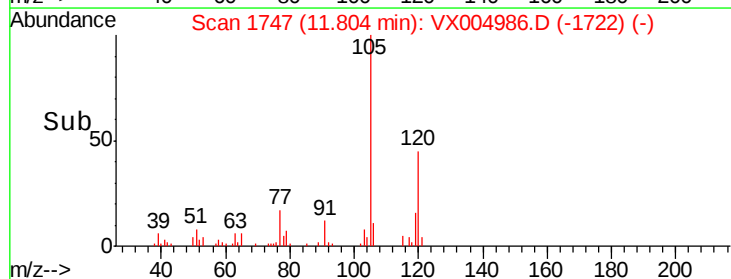
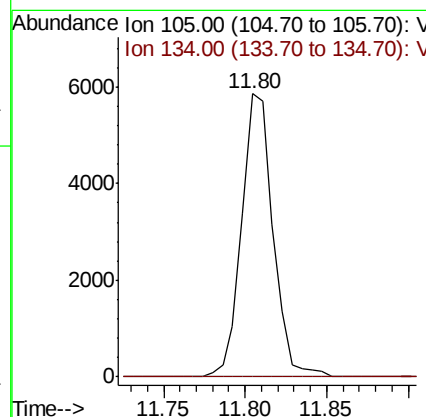
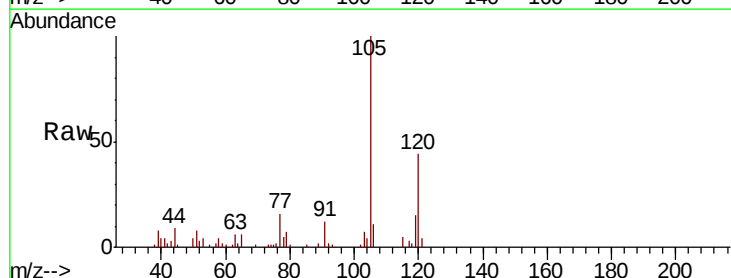
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#12

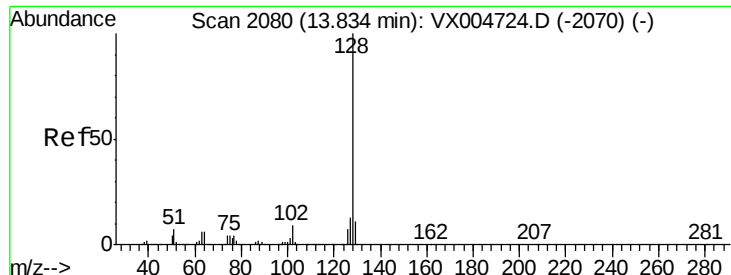
Tot Ion:105 Resp: 7865
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 0.572 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.15 min
 Lab File: VX004986.D
 Acq: 03 Oct 2018 22:54

Tgt Ion:105 Resp: 7865
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#

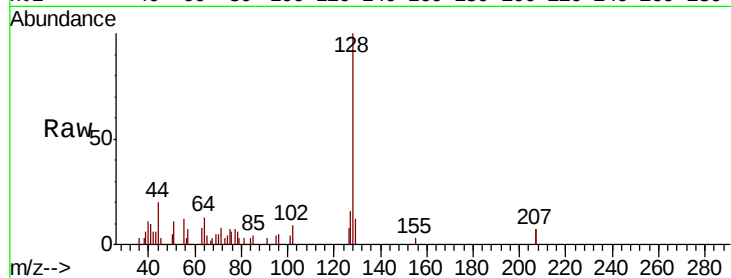




#95
Naphthalene
Concen: 0.877 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004986.D
Acq: 03 Oct 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#12

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.4	15.6
129	14.3	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

