

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004975.D
 Acq On : 03 Oct 2018 17:59
 Operator : JC/MD
 Sample : PB113446ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#01

Quant Time: Oct 04 01:25:03 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	284557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251847	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190797	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
35) Dibromofluoromethane	5.51	113	165231	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
50) Toluene-d8	8.72	98	645077	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.14	95	249599	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	

Target Compounds					Qvalue
3) Chloromethane	1.32	50	988	0.210 ug/l #	75
6) Chloroethane	1.67	64	1671	Below Cal #	62
11) Tert butyl alcohol	3.01	59	4616	4.061 ug/l #	78
16) Acetone	2.45	43	31647	13.335 ug/l	92
18) Methyl Acetate	2.78	43	9198	1.530 ug/l	94
20) Methylene Chloride	2.85	84	4786	0.557 ug/l	89
25) 2-Butanone	4.71	43	18113	5.178 ug/l	96
29) Tetrahydrofuran	5.18	42	2763	1.271 ug/l	89
36) 1,1-Dichloropropene	5.67	75	18159	3.490 ug/l #	46
37) Ethyl Acetate	4.71	43	18113	2.623 ug/l #	72
38) Carbon Tetrachloride	5.67	117	24042	4.396 ug/l #	17
39) Methylcyclohexane	7.47	83	1874	0.353 ug/l #	75
40) Benzene	6.14	78	7881	0.484 ug/l	97
43) Isopropyl Acetate	6.46	43	265692	26.654 ug/l	96
48) Methyl methacrylate	7.69	41	10989	2.429 ug/l #	25
51) 4-Methyl-2-Pentanone	8.65	43	1993	0.318 ug/l #	32
52) Toluene	8.79	92	34277	3.830 ug/l	98
54) cis-1,3-Dichloropropene	8.62	75	2054	0.369 ug/l #	63
56) Ethyl methacrylate	9.17	69	212	2.893 ug/l #	11
58) 2-Chloroethyl Vinyl ether	8.31	63	74	14.263 ug/l #	49
59) 2-Hexanone	9.50	43	2574	0.492 ug/l	94
67) Ethyl Benzene	10.26	91	41640	2.345 ug/l	98
68) m/p-Xylenes	10.36	106	92573	13.342 ug/l	95
69) o-Xylene	10.70	106	32903	5.163 ug/l	99
70) Styrene	10.70	104	2886	2.372 ug/l #	1
73) Isopropylbenzene	11.02	105	4820	0.304 ug/l	85
74) N-amyl acetate	10.91	43	1069	1.866 ug/l #	24
76) 1,2,3-Trichloropropane	11.14	75	117998	20.904 ug/l #	35
78) n-propylbenzene	11.36	91	30926	1.698 ug/l	100
79) 2-Chlorotoluene	11.43	91	16711	1.472 ug/l #	44
80) 1,3,5-Trimethylbenzene	11.51	105	56598	3.707 ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	117998	56.734 ug/l #	10
82) 4-Chlorotoluene	11.51	91	5580	0.418 ug/l #	49
83) tert-Butylbenzene	11.81	119	27147	2.077 ug/l #	61

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

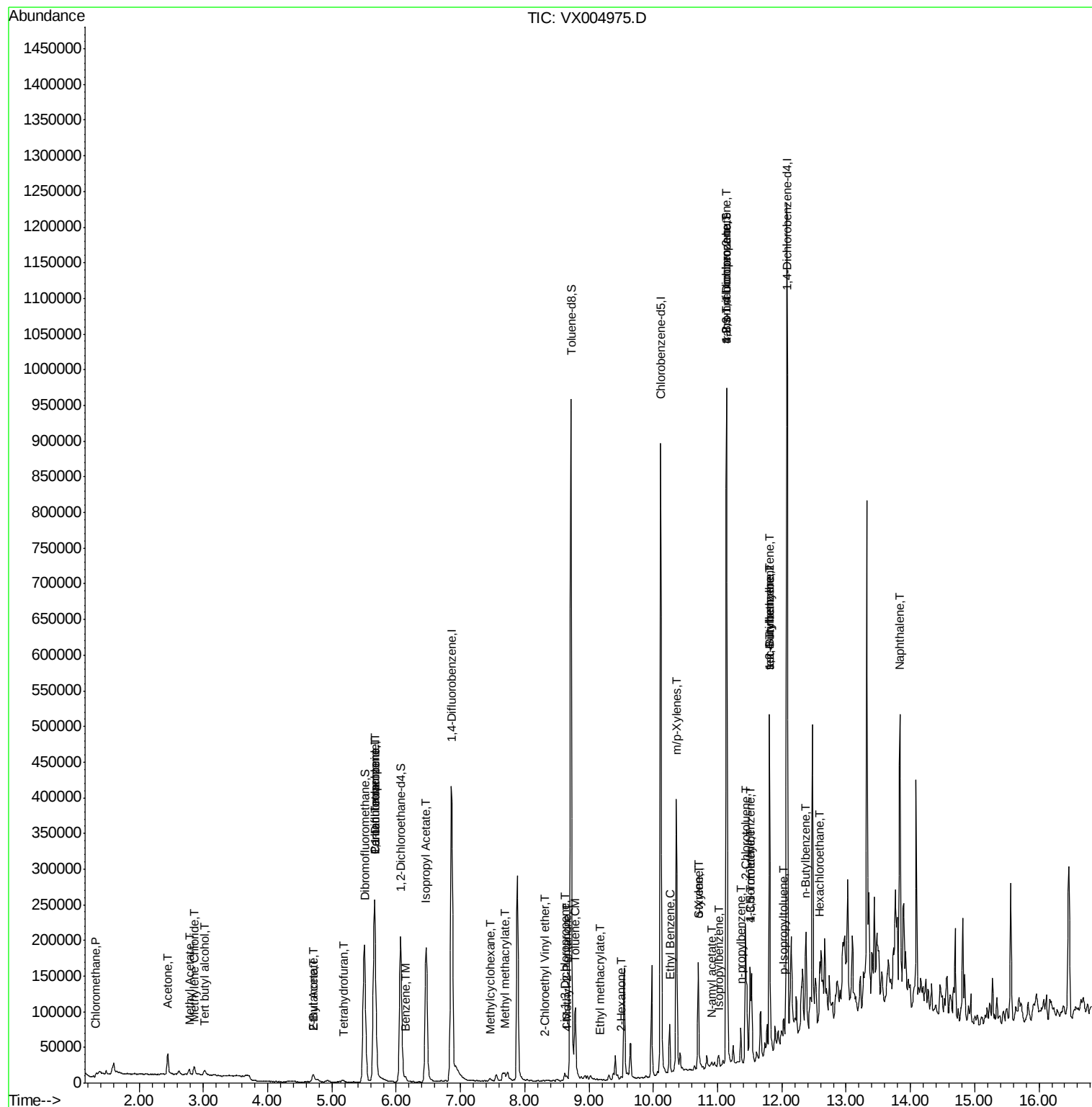
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	210798	13.906	ug/l	99
85) sec-Butylbenzene	11.81	105	210798	13.242	ug/l #	56
86) p-Isopropyltoluene	12.02	119	5490	0.381	ug/l	96
89) n-Butylbenzene	12.38	91	20274	1.548	ug/l #	27
90) Hexachloroethane	12.58	117	3272	1.363	ug/l #	5
95) Naphthalene	13.83	128	238253	11.929	ug/l	99

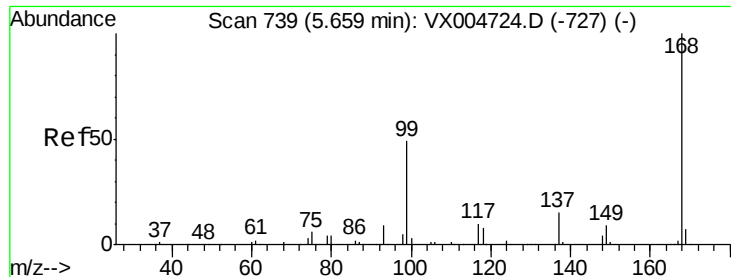
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

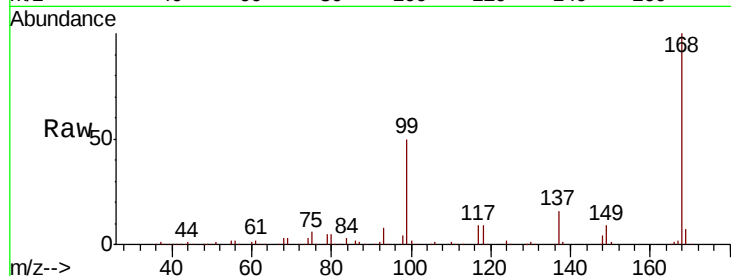
PB113446ZHE#01

Tot Ion:168 Resp: 284557

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

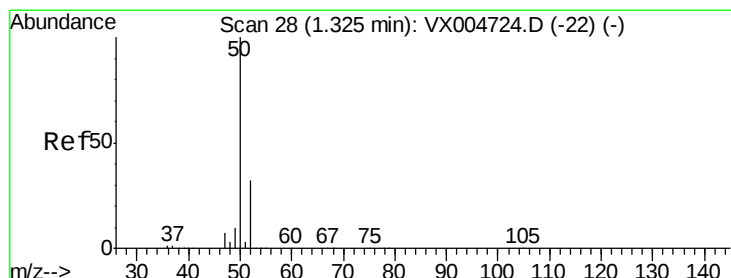
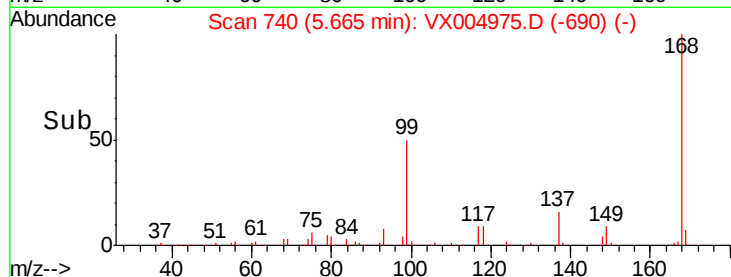
40000

20000

0

Time-->

5.60 5.80 6.00



#3

Chloromethane

Concen: 0.210 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004975.D

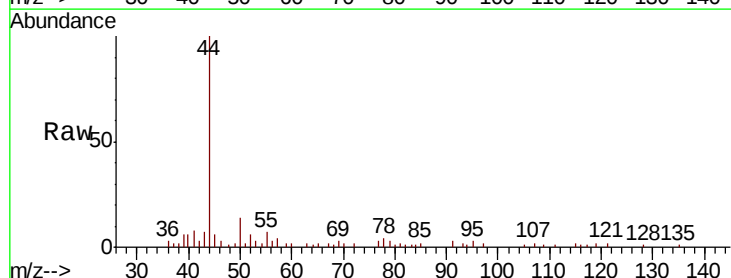
Acq: 03 Oct 2018 17:59

Tgt Ion: 50 Resp: 988

Ion Ratio Lower Upper

50 100

52 46.1 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

800

600

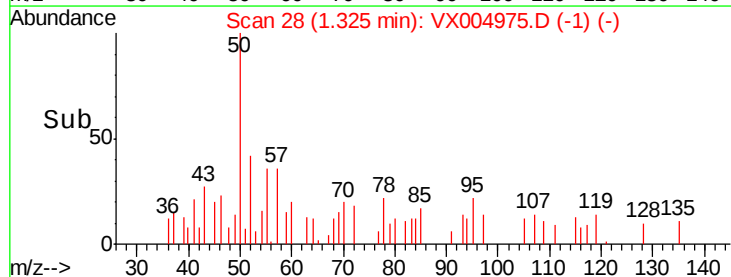
400

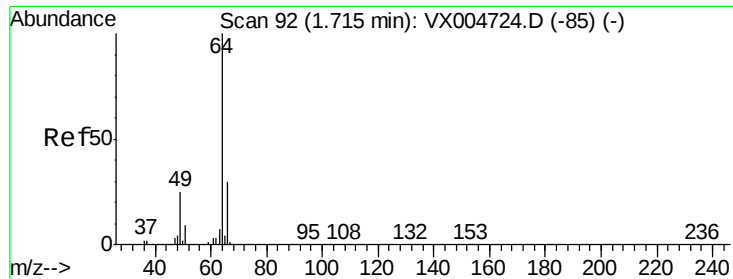
200

0

Time-->

1.25 1.30 1.35





#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 84

Delta R.T. -0.05 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

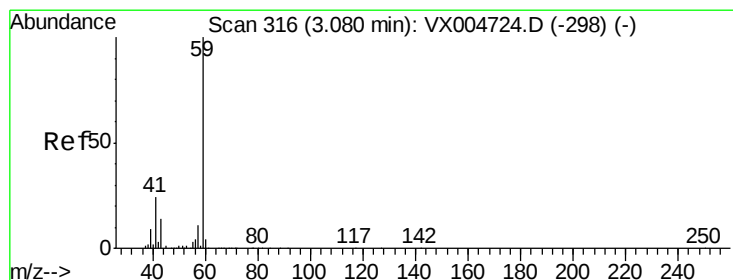
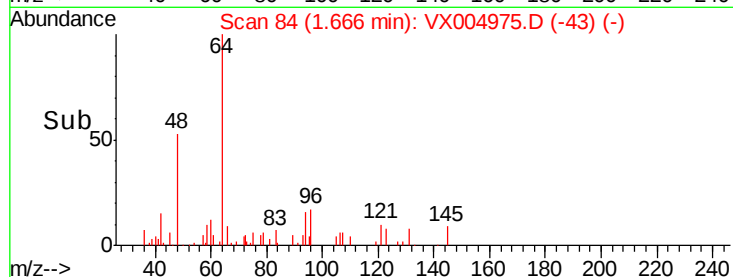
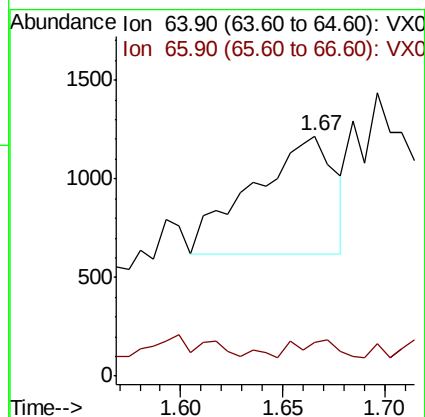
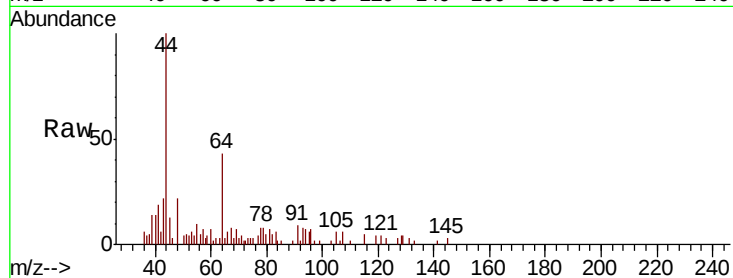
PB113446ZHE#01

Tot Ion: 64 Resp: 1671

Ion Ratio Lower Upper

64 100

66 9.3 23.8 35.6#



#11

Tert butyl alcohol

Concen: 4.061 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.07 min

Lab File: VX004975.D

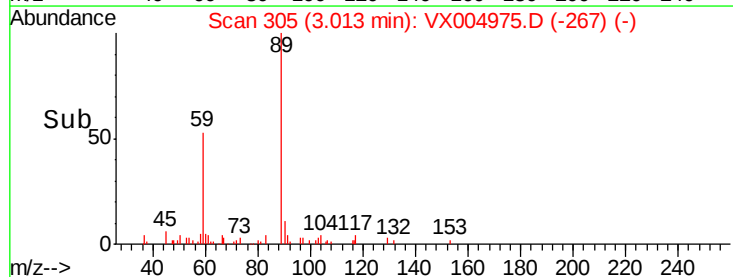
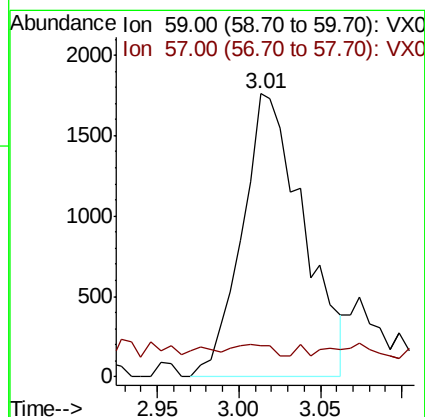
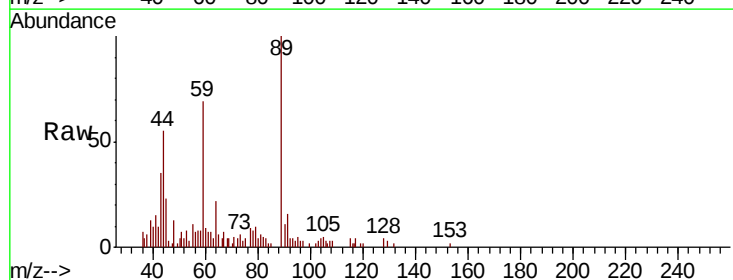
Acq: 03 Oct 2018 17:59

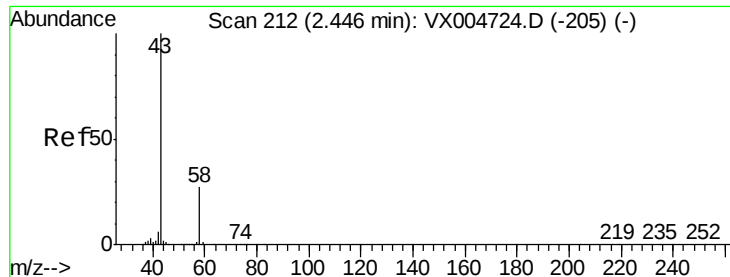
Tgt Ion: 59 Resp: 4616

Ion Ratio Lower Upper

59 100

57 2.5 8.6 12.8#





#16

Acetone

Concen: 13.335 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

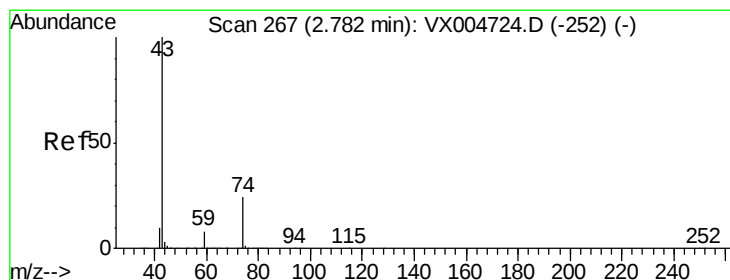
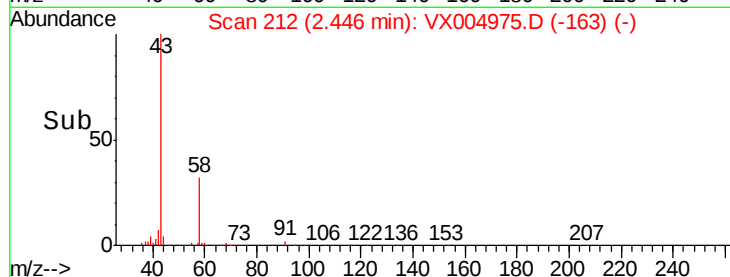
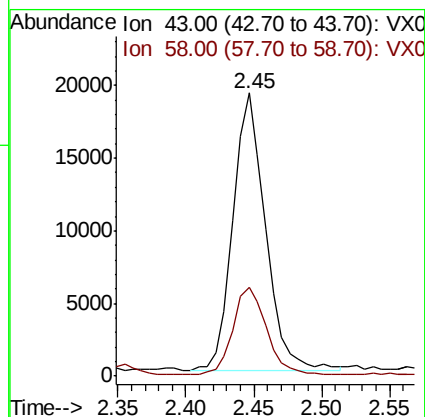
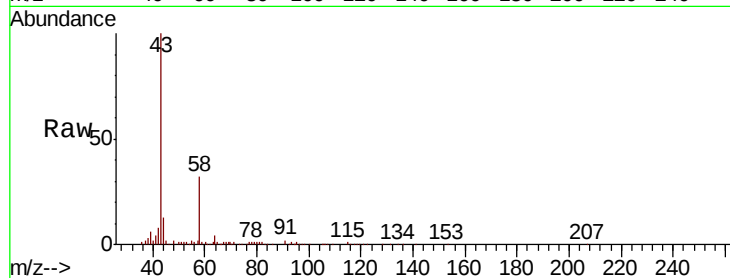
PB113446ZHE#01

Tot Ion: 43 Resp: 31647

Ion Ratio Lower Upper

43 100

58 31.6 21.8 32.6



#18

Methyl Acetate

Concen: 1.530 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004975.D

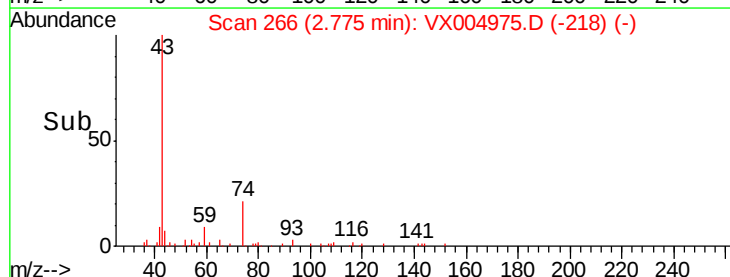
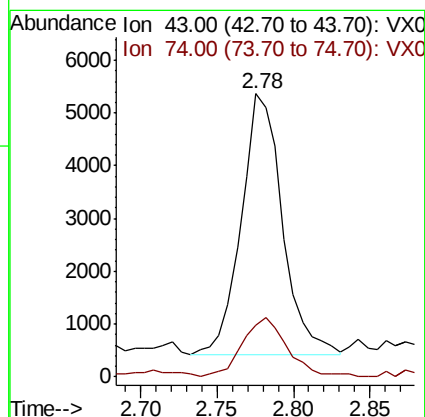
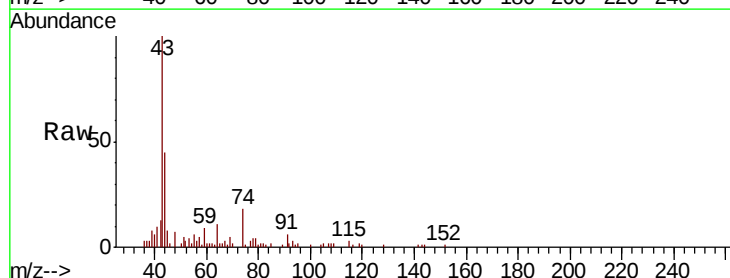
Acq: 03 Oct 2018 17:59

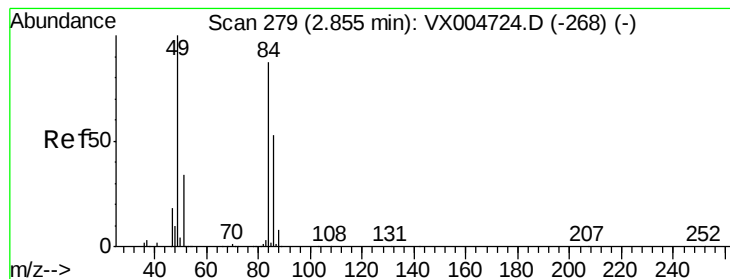
Tgt Ion: 43 Resp: 9198

Ion Ratio Lower Upper

43 100

74 25.1 17.8 26.8





#20

Methylene Chloride

Concen: 0.557 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#01

Tot Ion: 84 Resp: 4786

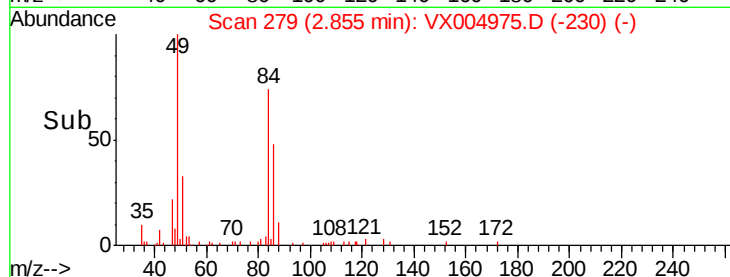
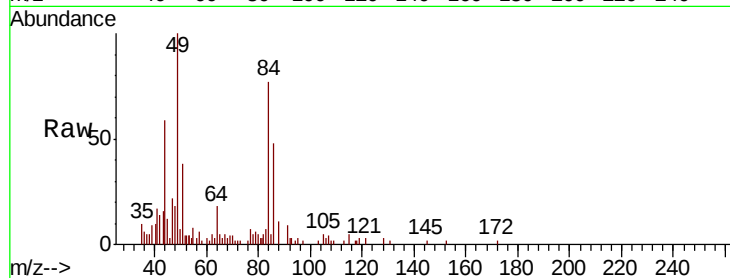
Ion Ratio Lower Upper

84 100

49 132.5 92.3 138.5

51 45.4 31.8 47.6

86 63.0 48.5 72.7



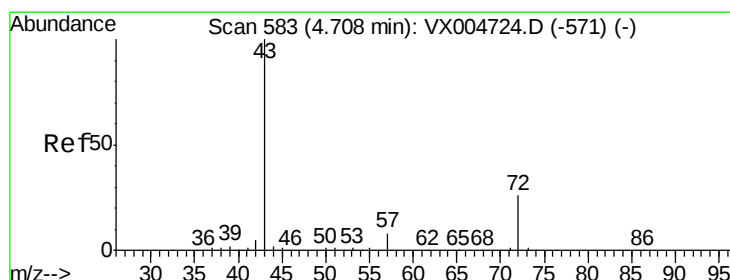
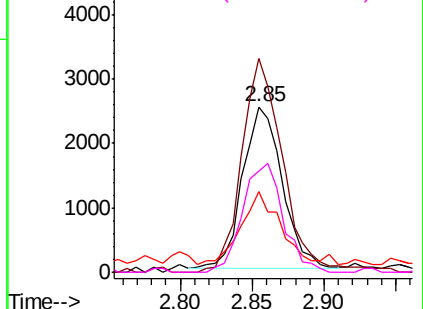
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 5.178 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004975.D

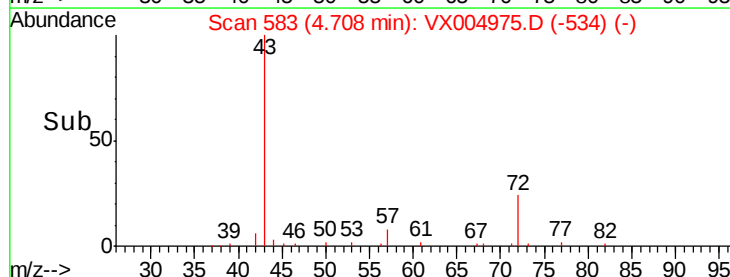
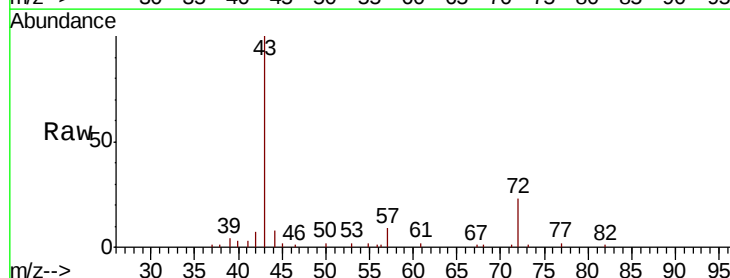
Acq: 03 Oct 2018 17:59

Tgt Ion: 43 Resp: 18113

Ion Ratio Lower Upper

43 100

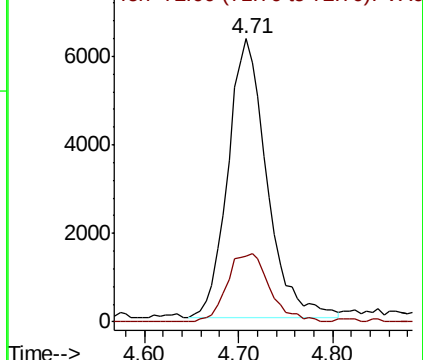
72 23.7 20.8 31.2

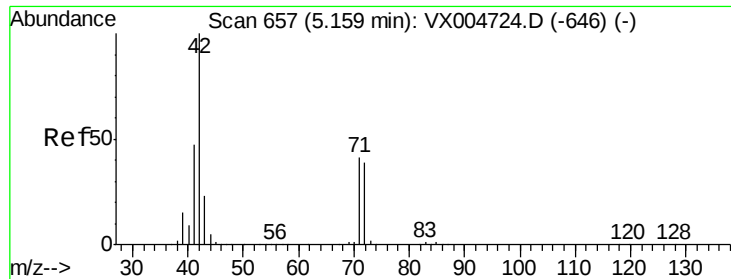


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

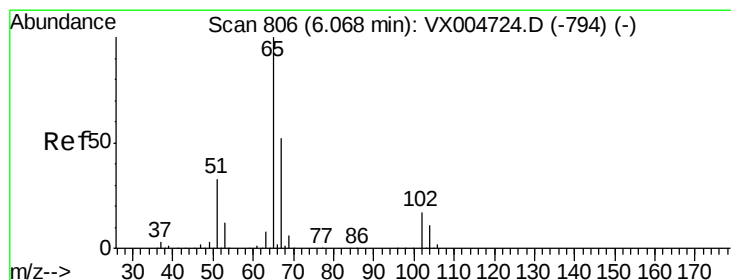
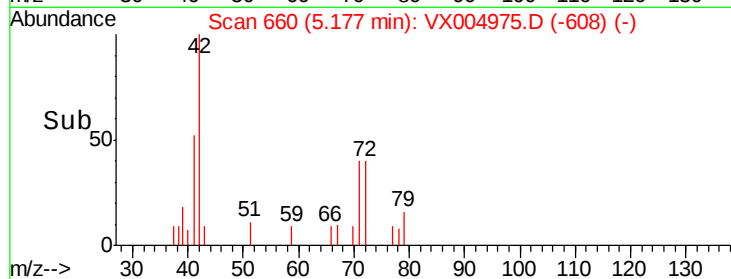
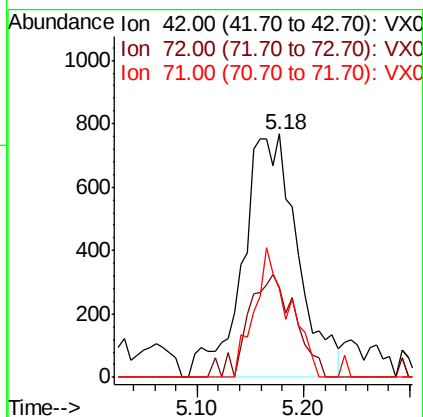
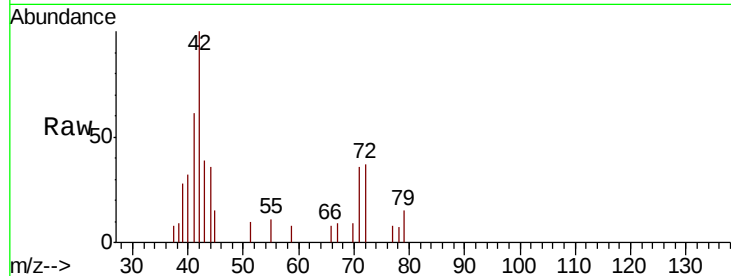




#29
Tetrahydrofuran
Concen: 1.271 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

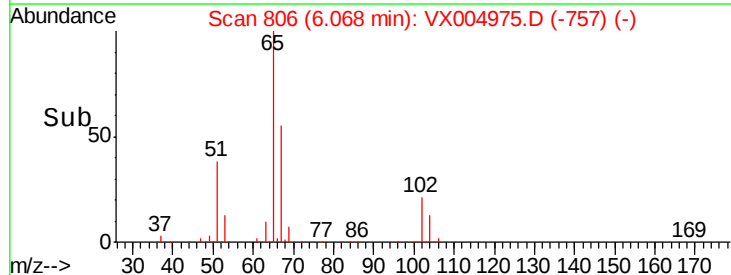
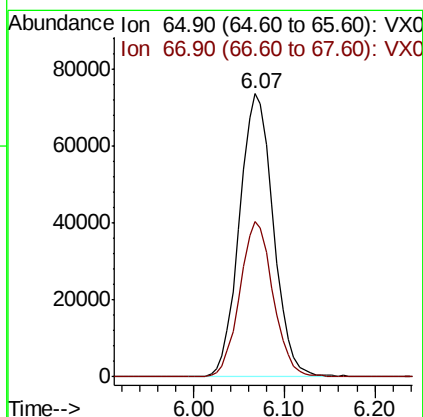
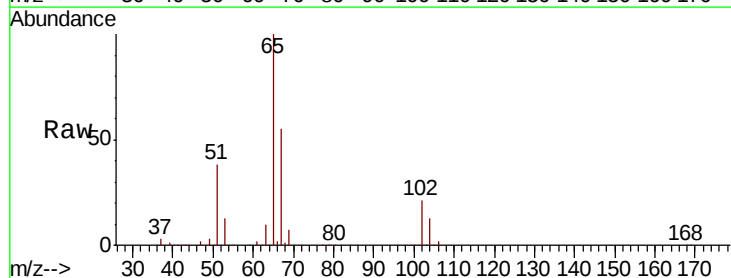
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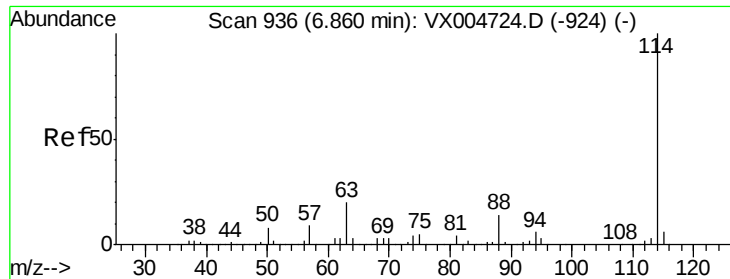
Tot Ion: 42 Resp: 2763
Ion Ratio Lower Upper
42 100
72 35.2 33.7 50.5
71 33.6 32.2 48.4



#33
1,2-Dichloroethane-d4
Concen: 46.938 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Tgt Ion: 65 Resp: 190797
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.4

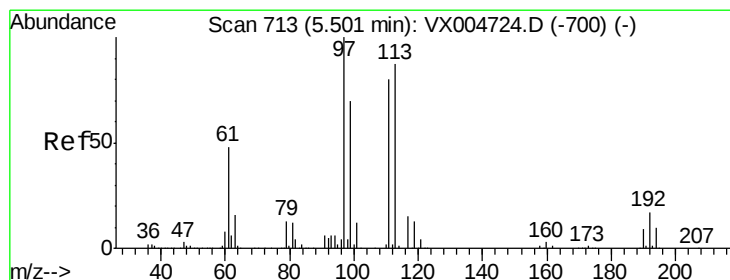
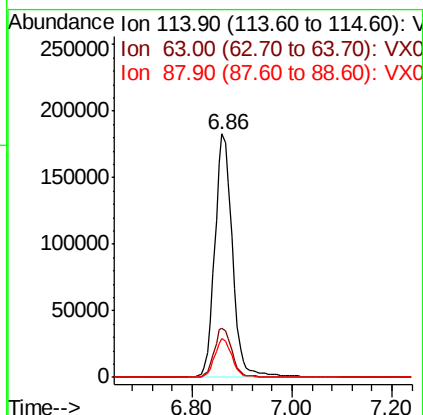
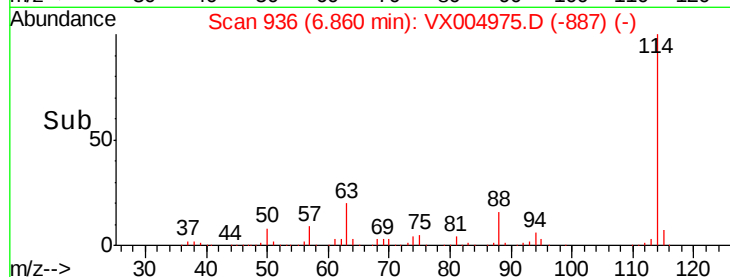
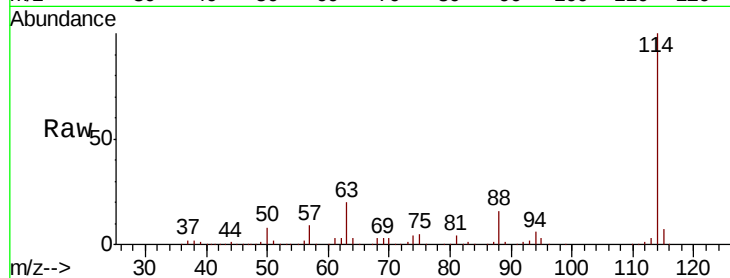




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

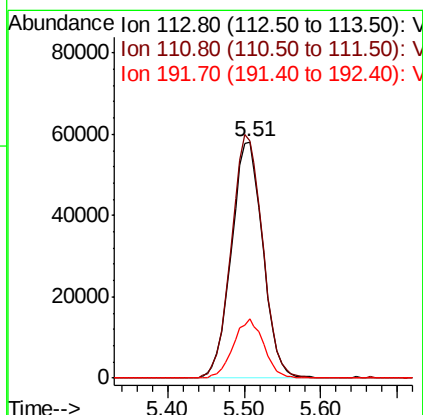
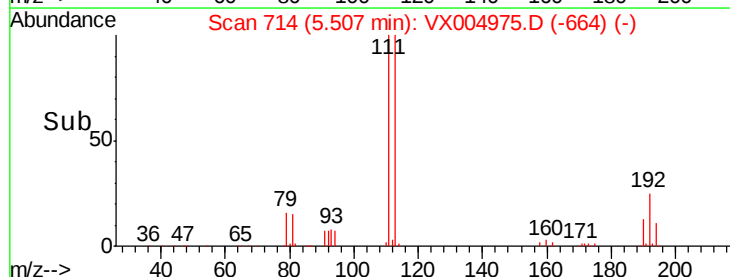
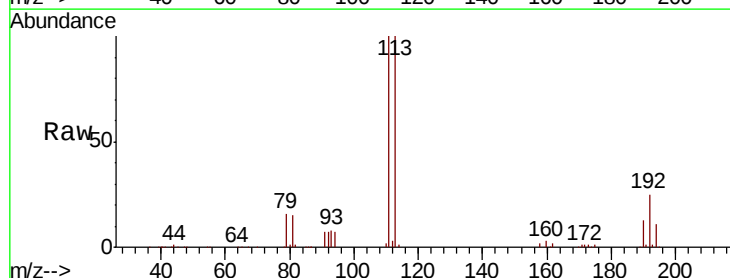
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#01

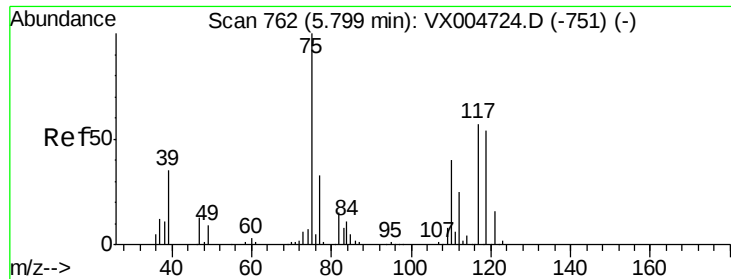
Tot Ion:114 Resp: 449956
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.8
88 15.8 0.0 27.0



#35
Dibromofluoromethane
Concen: 43.329 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Tgt Ion:113 Resp: 165231
Ion Ratio Lower Upper
113 100
111 102.8 77.0 115.4
192 24.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 3.490 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#01

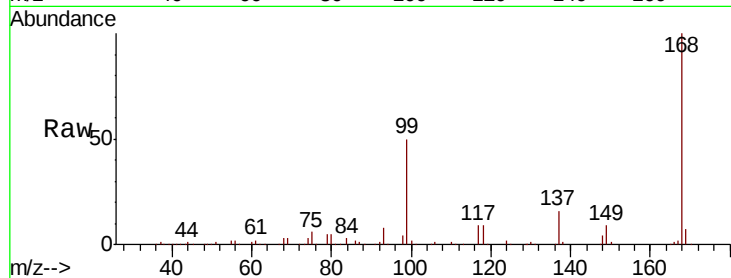
Tot Ion: 75 Resp: 18159

Ion Ratio Lower Upper

75 100

110 8.9 20.0 59.9#

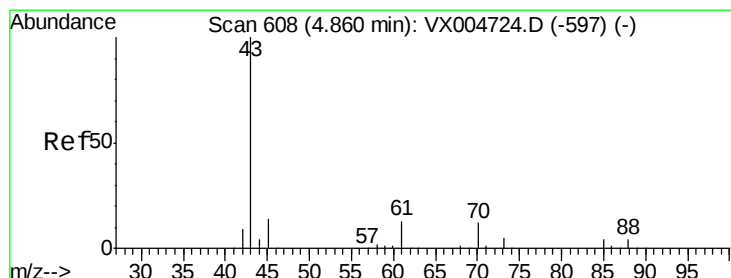
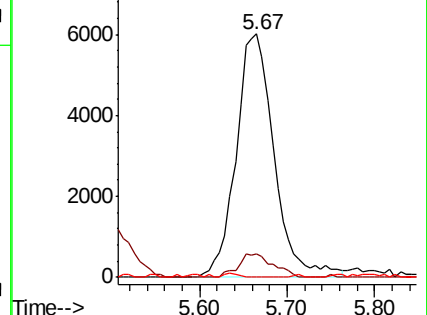
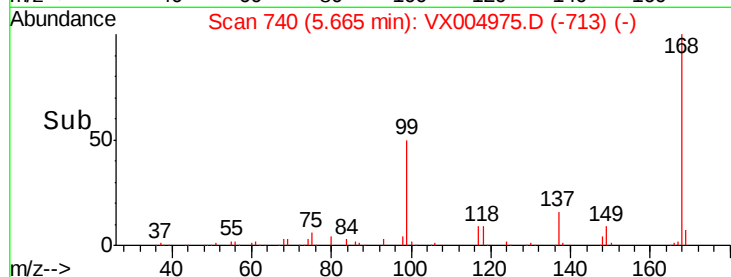
77 0.0 27.1 40.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 2.623 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

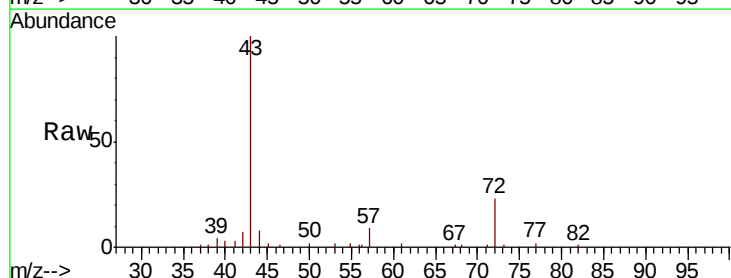
Tgt Ion: 43 Resp: 18113

Ion Ratio Lower Upper

43 100

61 1.8 10.4 15.6#

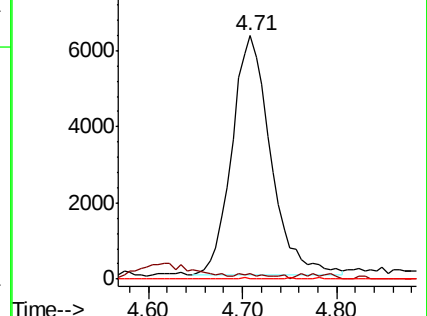
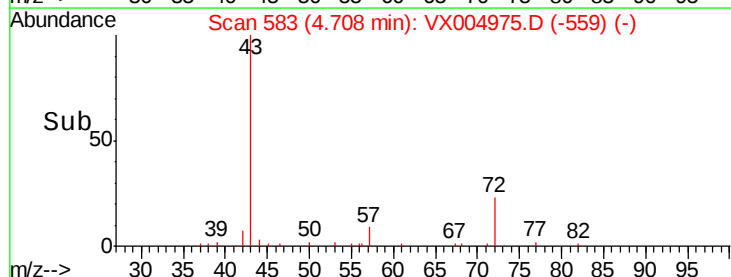
70 0.1 8.7 13.1#

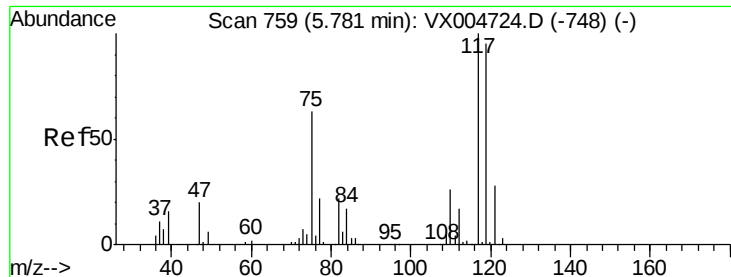


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 4.396 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#01

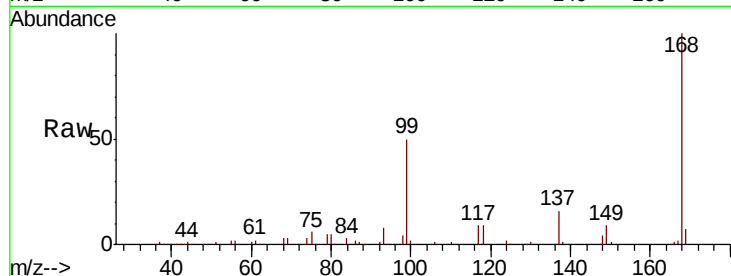
Tot Ion:117 Resp: 24042

Ion Ratio Lower Upper

117 100

119 5.5 75.2 112.8#

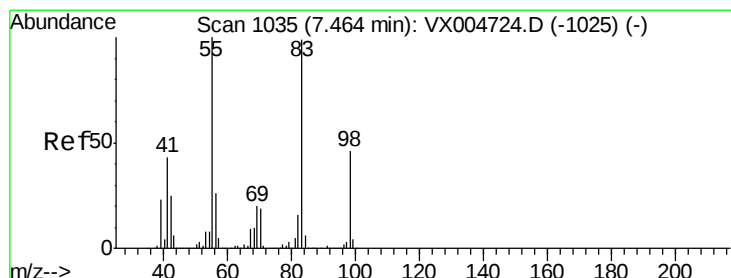
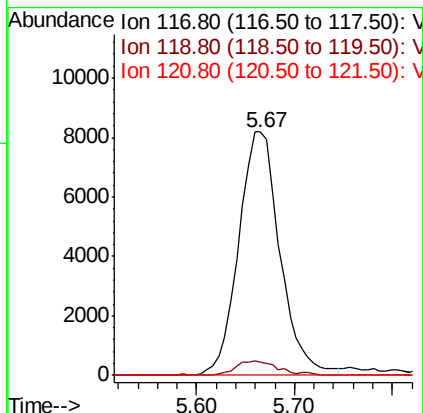
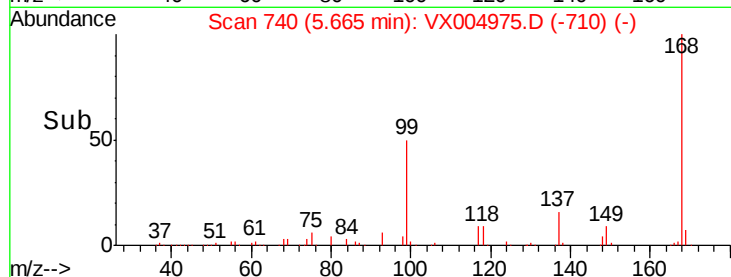
121 0.0 22.5 33.7#



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



#39

Methylcyclohexane

Concen: 0.353 ug/l

RT: 7.47 min Scan# 1036

Delta R.T. 0.01 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

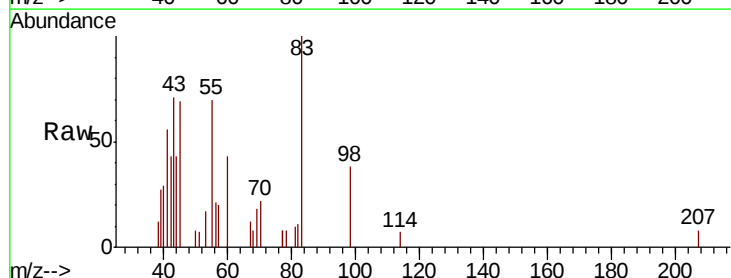
Tgt Ion: 83 Resp: 1874

Ion Ratio Lower Upper

83 100

55 70.3 81.1 121.7#

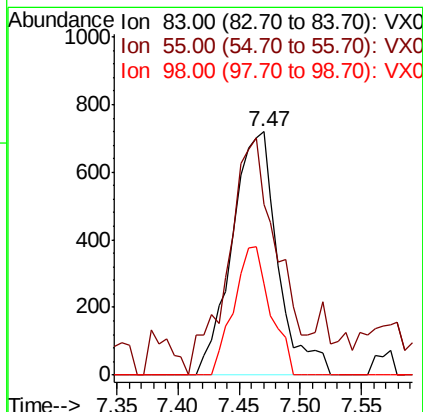
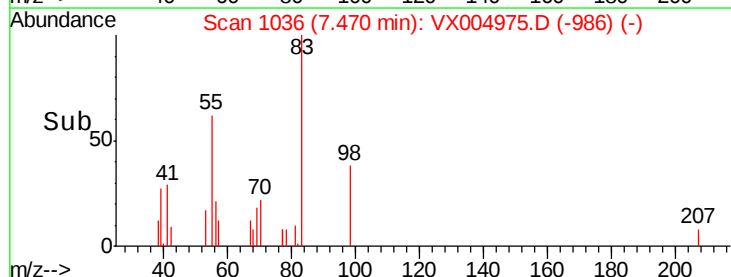
98 37.5 37.3 55.9

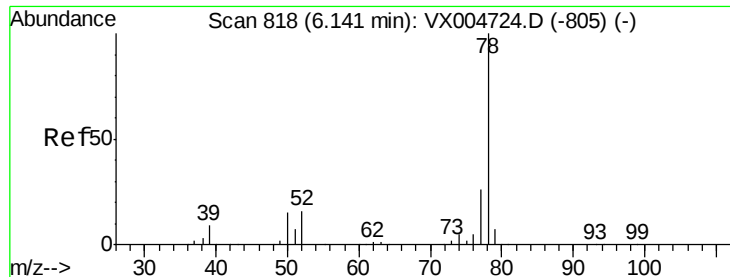


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.484 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

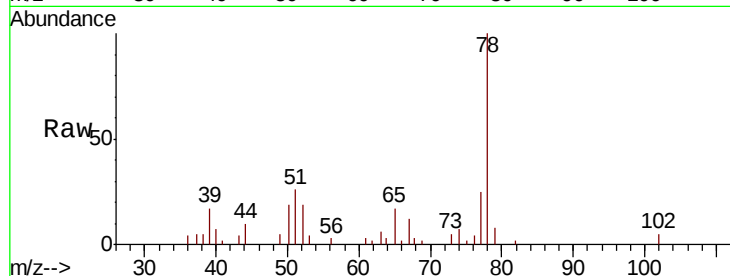
PB113446ZHE#01

Tot Ion: 78 Resp: 7881

Ion Ratio Lower Upper

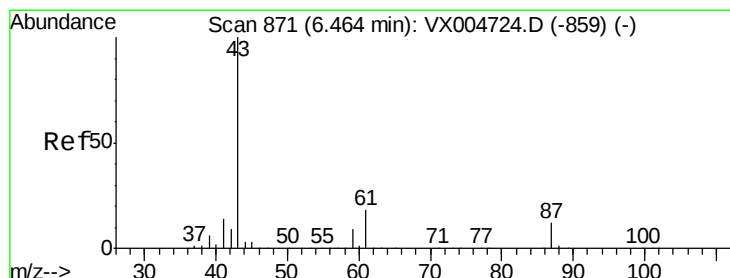
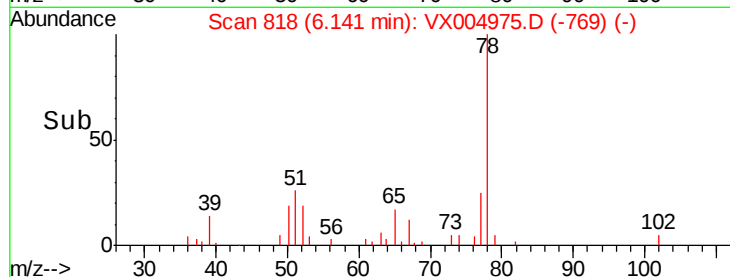
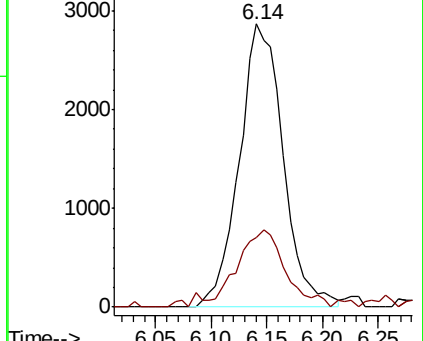
78 100

77 24.7 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 26.654 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

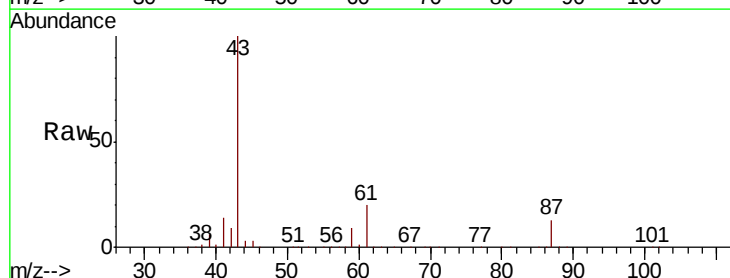
Tgt Ion: 43 Resp: 265692

Ion Ratio Lower Upper

43 100

61 20.2 14.2 21.4

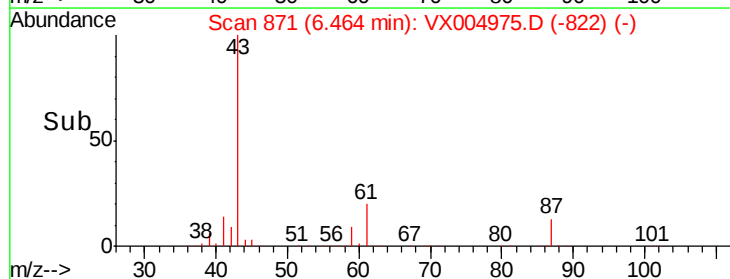
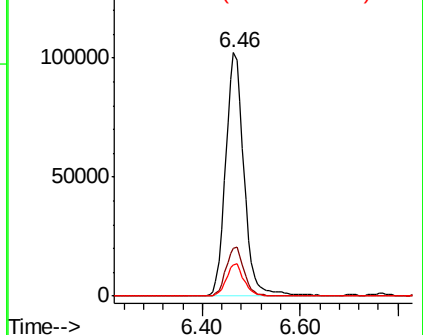
87 12.7 9.3 13.9

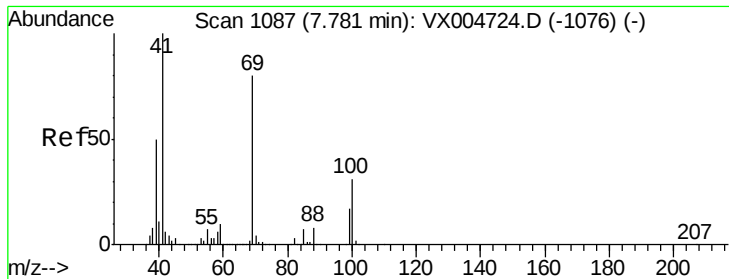


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

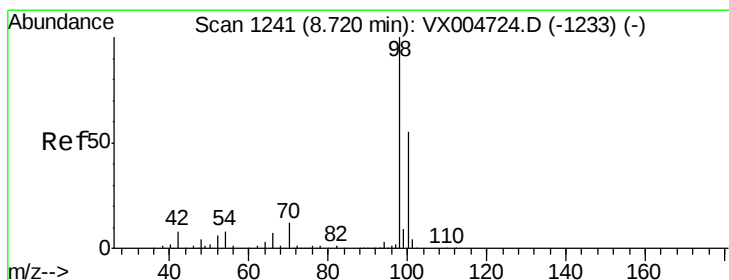
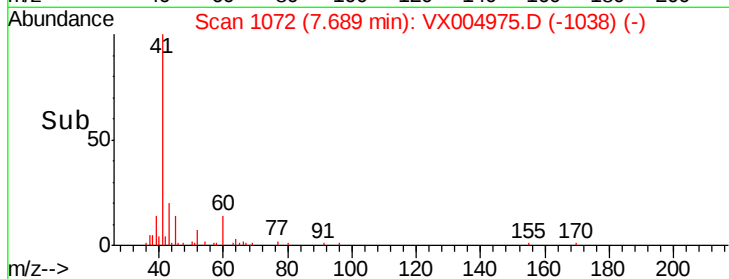
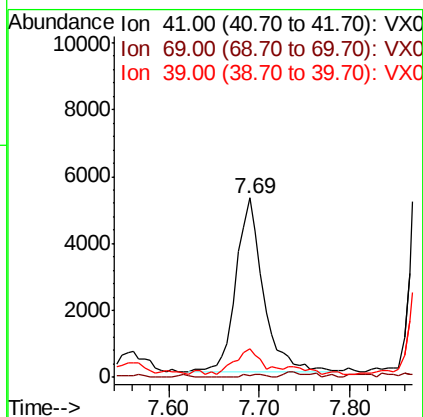
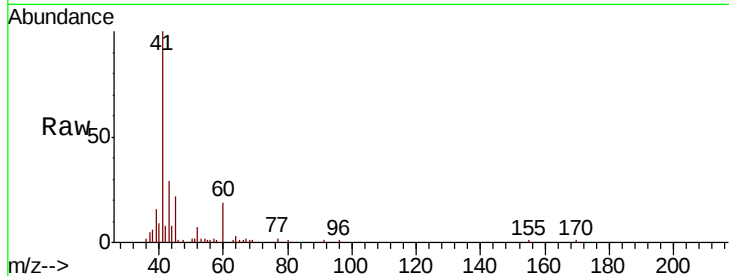




#48
Methvl methacrylate
Concen: 2.429 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

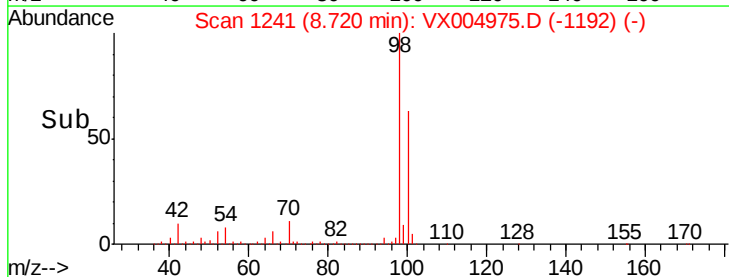
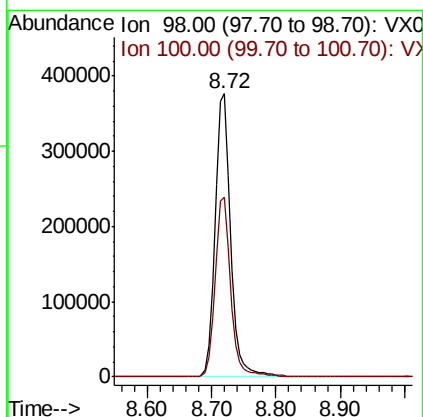
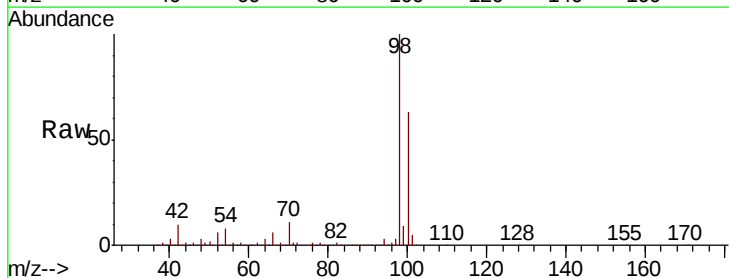
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#01

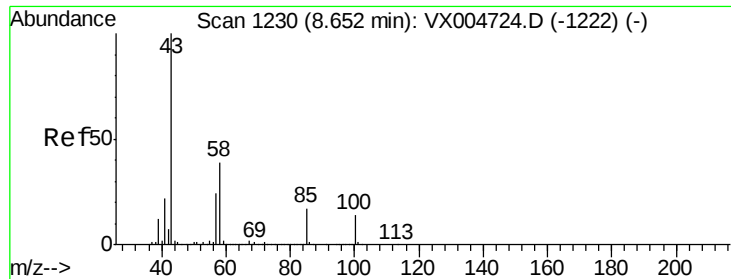
Tot Ion: 41 Resp: 10989
Ion Ratio Lower Upper
41 100
69 1.3 63.8 95.6#
39 14.5 40.7 61.1#



#50
Toluene-d8
Concen: 50.883 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Tgt Ion: 98 Resp: 645077
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

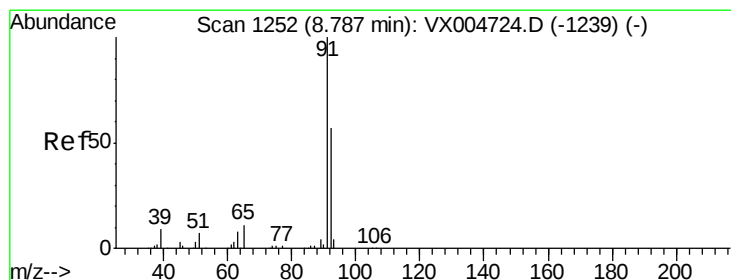
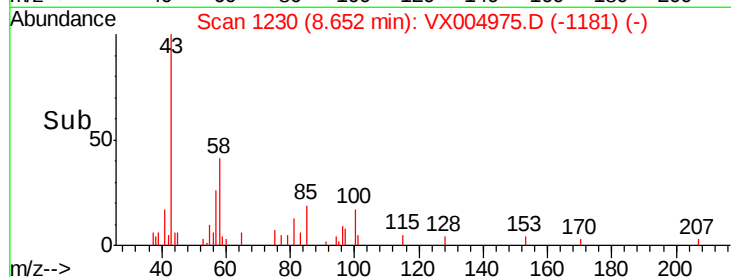
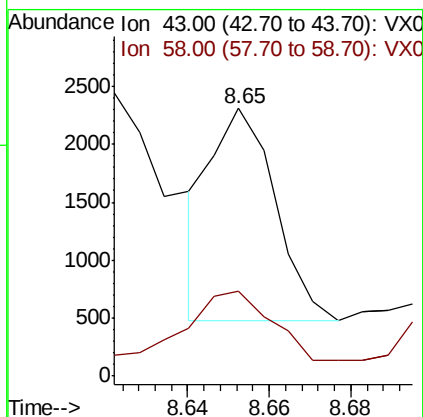
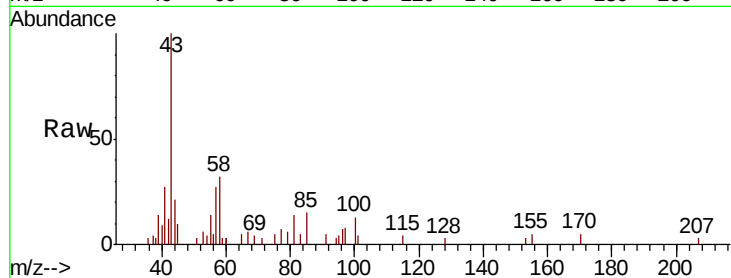




#51
 4-Methyl-2-Pentanone
 Concen: 0.318 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX004975.D
 Acq: 03 Oct 2018 17:59

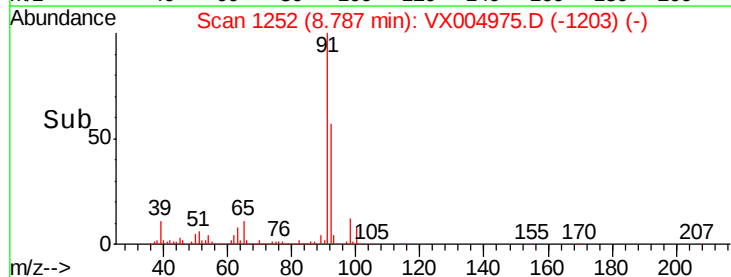
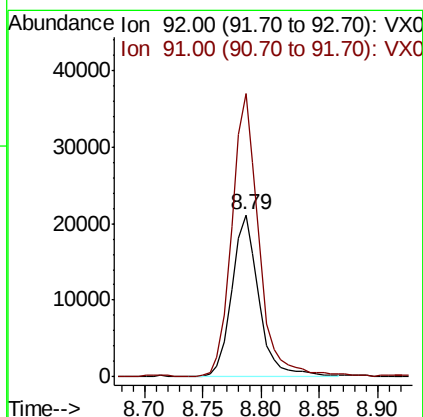
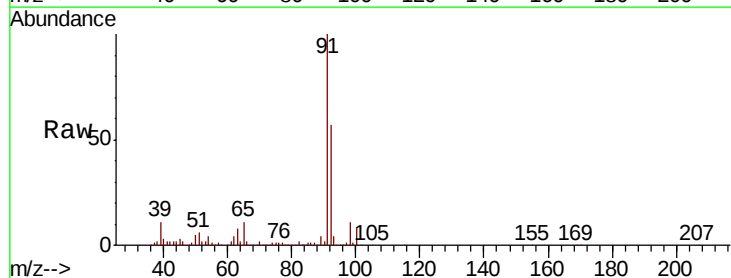
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#01

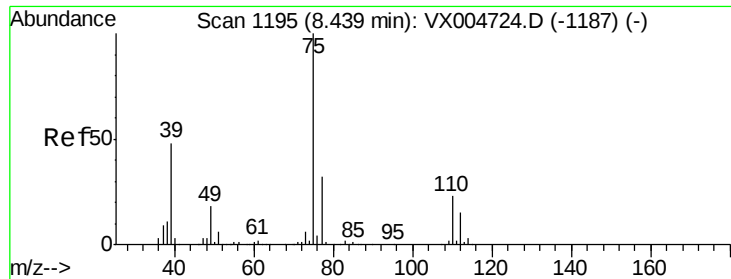
Tot Ion: 43 Resp: 1993
 Ion Ratio Lower Upper
 43 100
 58 78.9 30.5 45.7#



#52
 Toluene
 Concen: 3.830 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004975.D
 Acq: 03 Oct 2018 17:59

Tgt Ion: 92 Resp: 34277
 Ion Ratio Lower Upper
 92 100
 91 174.1 136.7 205.1



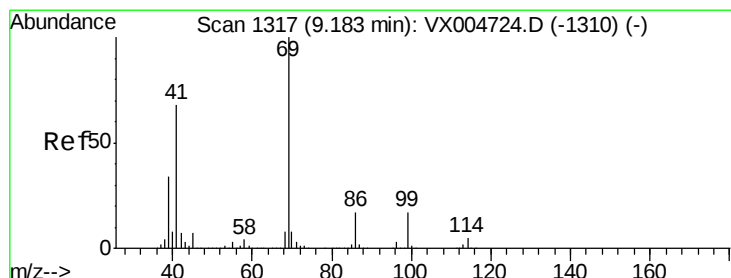
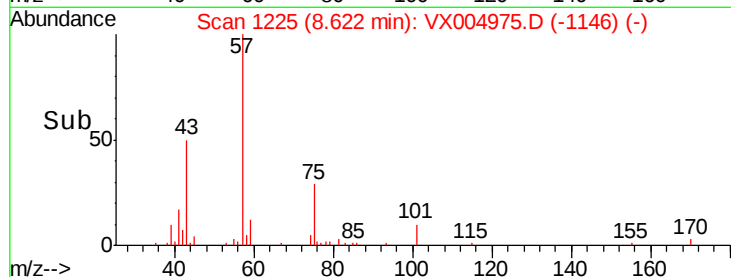
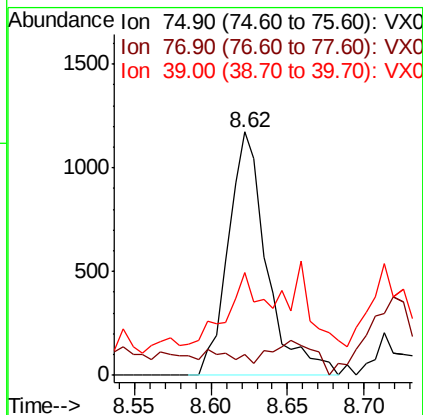
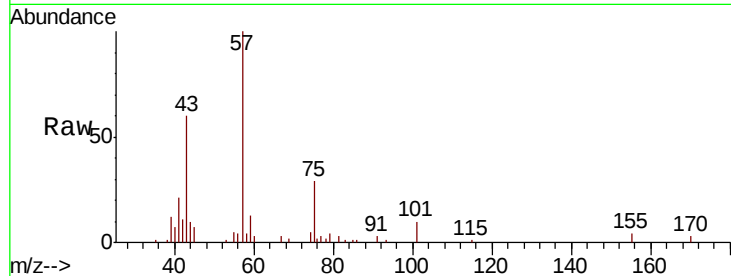


#54

cis-1,3-Dichloropropene
Concen: 0.369 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#01

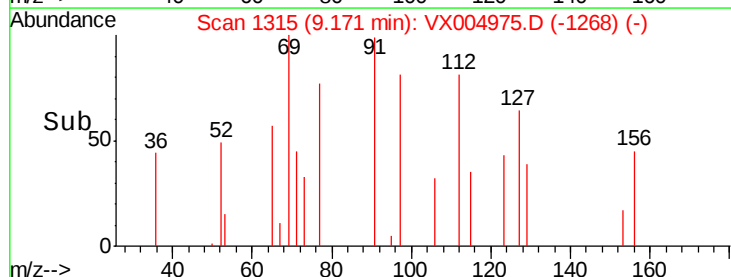
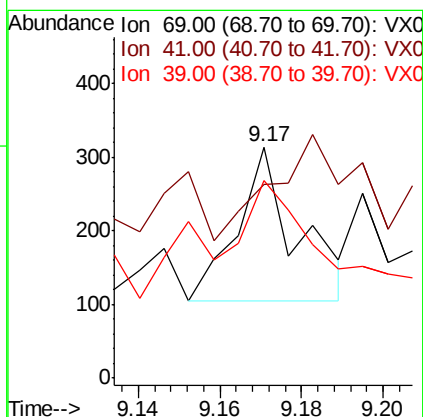
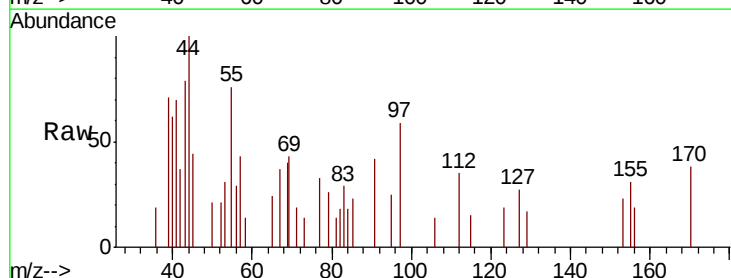
Tot Ion: 75 Resp: 2054
Ion Ratio Lower Upper
75 100
77 3.9 25.7 38.5#
39 29.5 38.3 57.5#

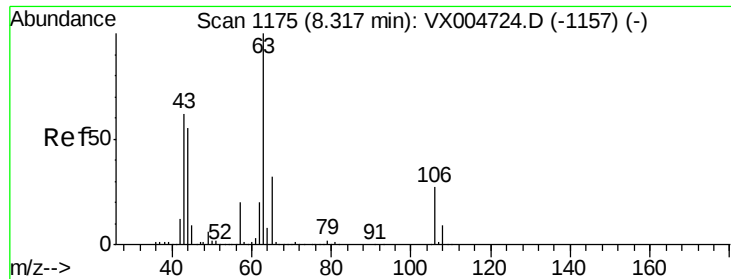


#56

Ethyl methacrylate
Concen: 2.893 ug/l
RT: 9.17 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Tgt Ion: 69 Resp: 212
Ion Ratio Lower Upper
69 100
41 113.7 56.9 85.3#
39 131.1 28.4 42.6#

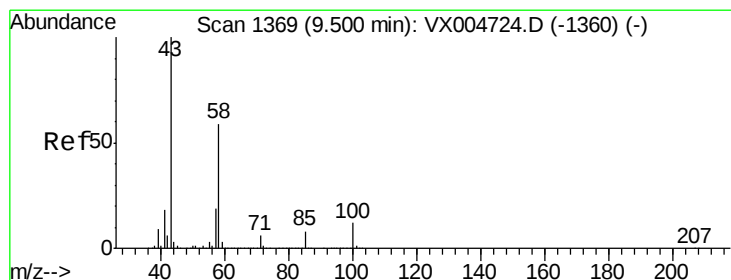
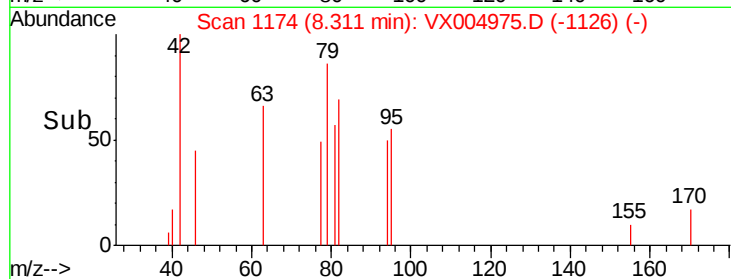
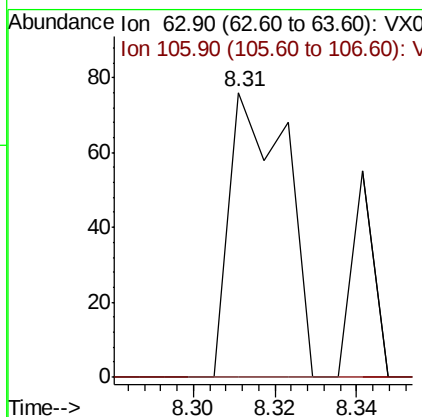
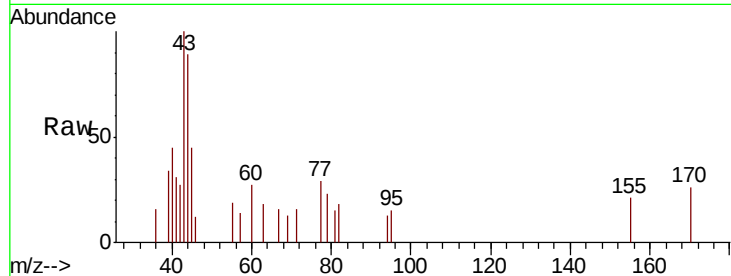




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.263 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX004975.D
 Acq: 03 Oct 2018 17:59

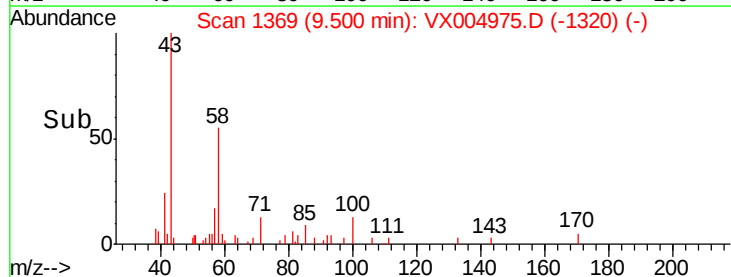
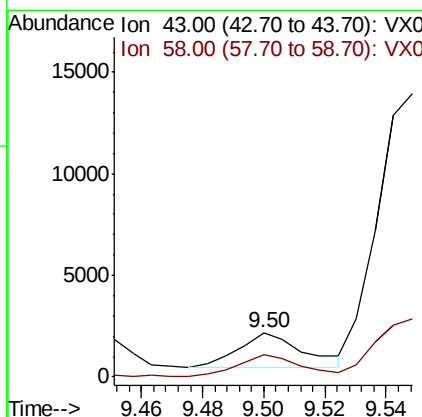
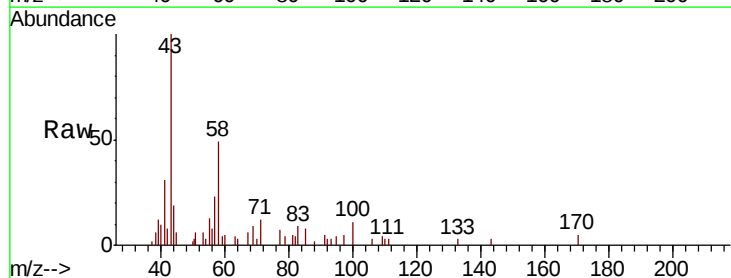
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#01

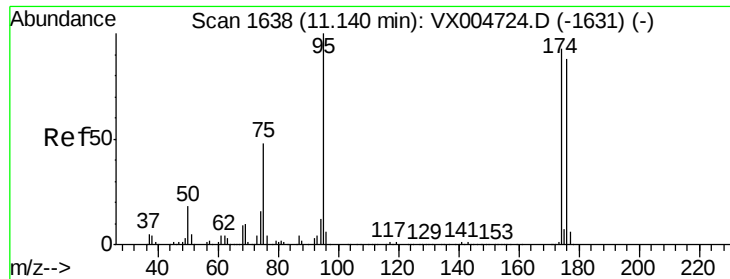
Tot Ion: 63 Resp: 74
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



#59
 2-Hexanone
 Concen: 0.492 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VX004975.D
 Acq: 03 Oct 2018 17:59

Tgt Ion: 43 Resp: 2574
 Ion Ratio Lower Upper
 43 100
 58 61.4 28.4 85.3

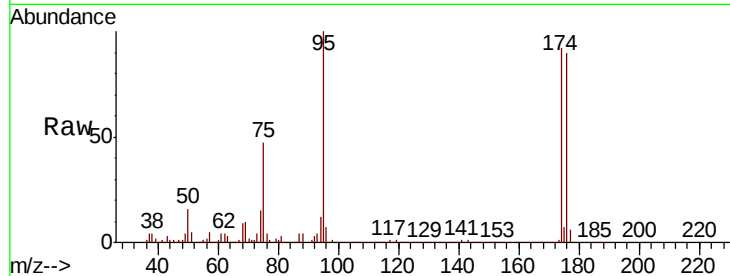




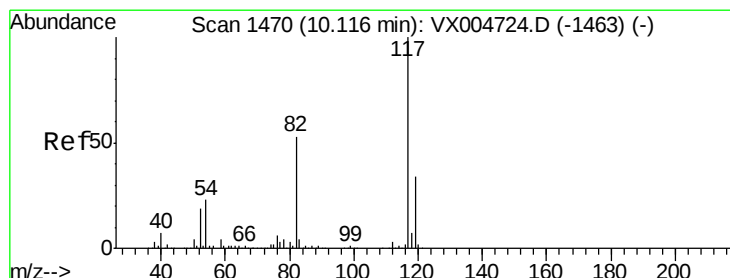
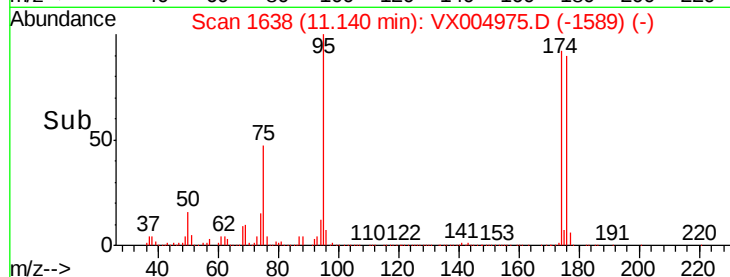
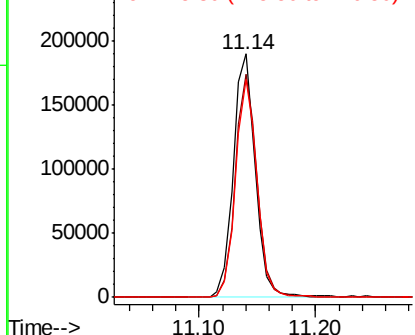
#62
4-Bromofluorobenzene
Concen: 54.650 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#01

Tot Ion: 95 Resp: 249599
Ion Ratio Lower Upper
95 100
174 90.9 0.0 185.0
176 88.0 0.0 180.2

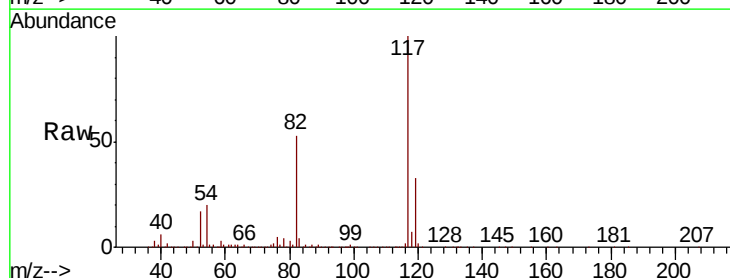


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

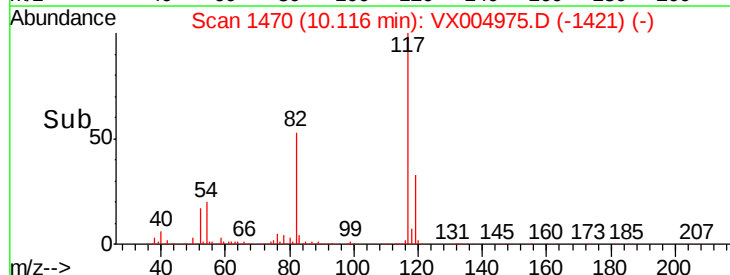
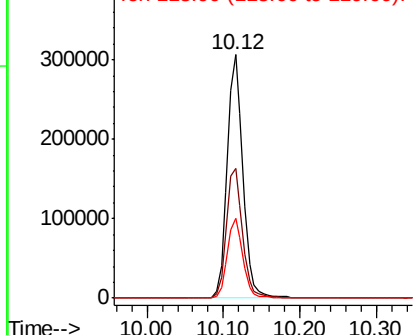


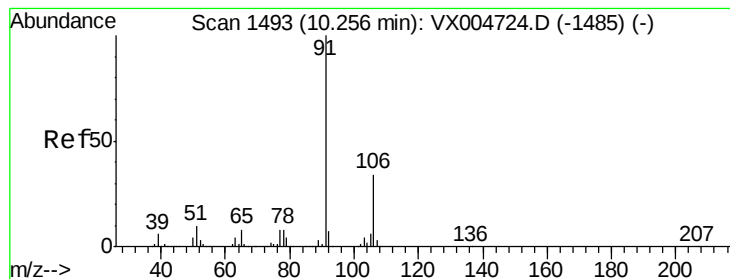
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Tgt Ion: 117 Resp: 436138
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.4
119 32.9 27.4 41.0



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





#67

Ethyl Benzene

Concen: 2.345 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

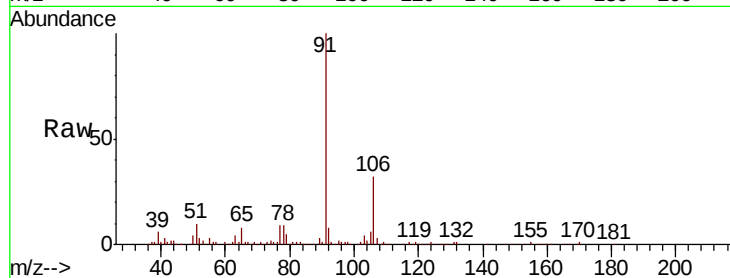
PB113446ZHE#01

Tot Ion: 91 Resp: 41640

Ion Ratio Lower Upper

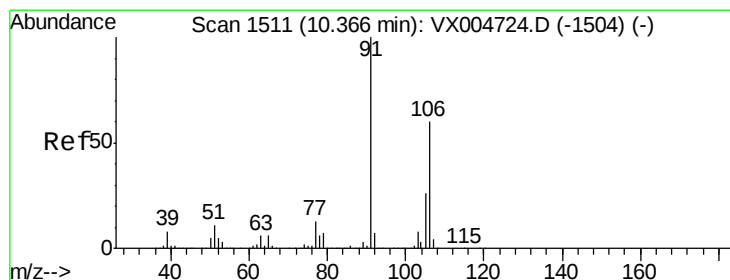
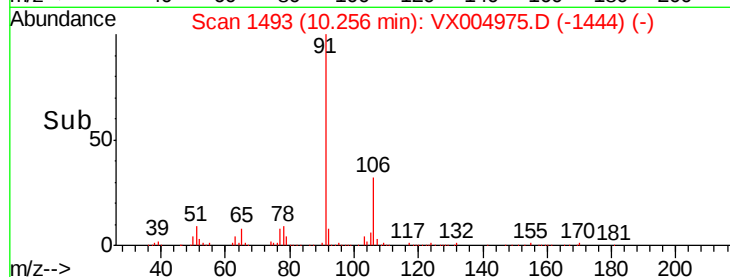
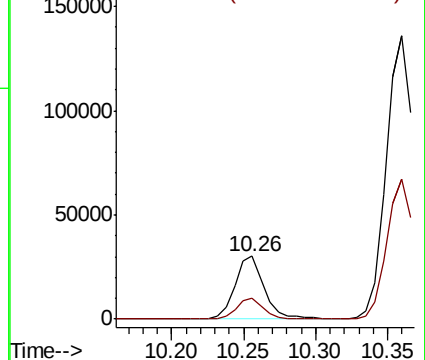
91 100

106 32.4 26.9 40.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 13.342 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004975.D

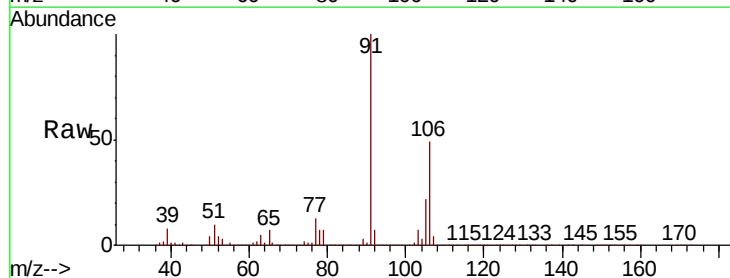
Acq: 03 Oct 2018 17:59

Tgt Ion: 106 Resp: 92573

Ion Ratio Lower Upper

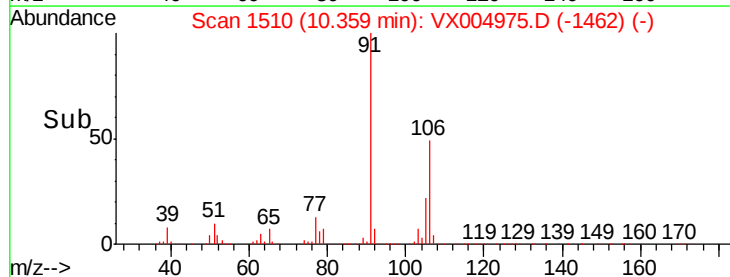
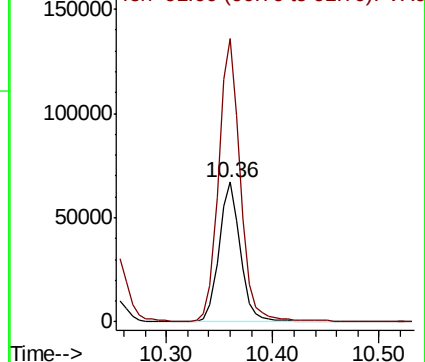
106 100

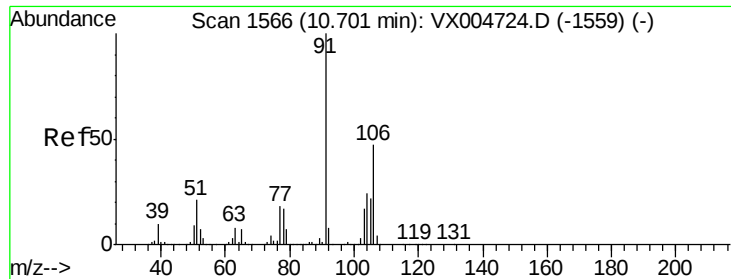
91 205.0 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

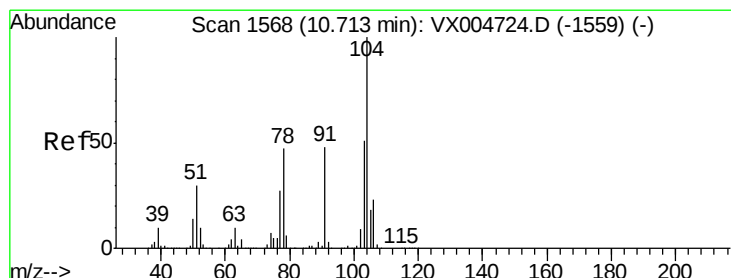
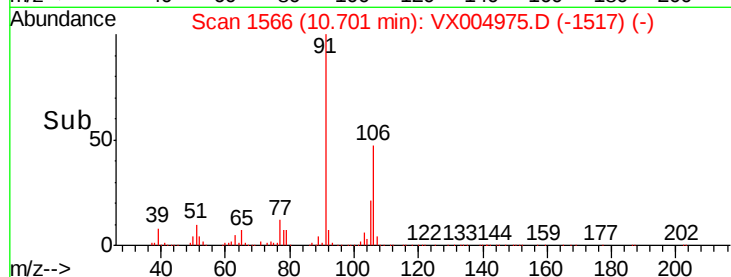
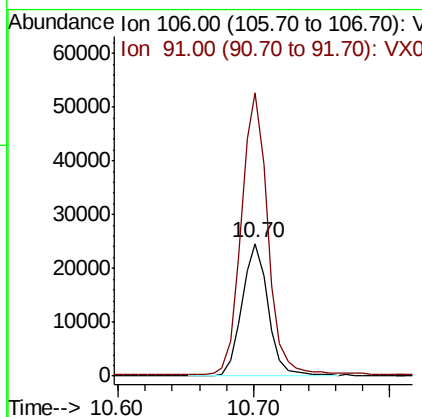
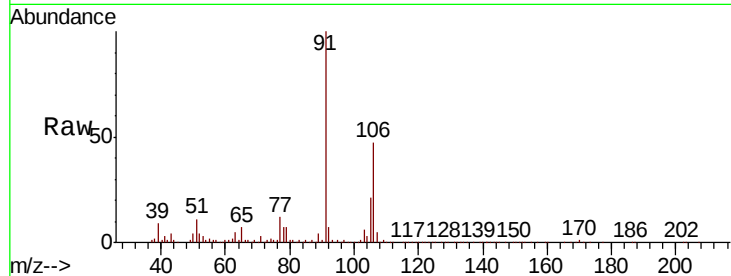




#69
o-Xylene
Concen: 5.163 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

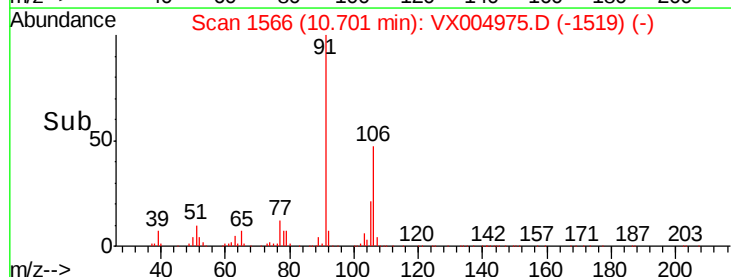
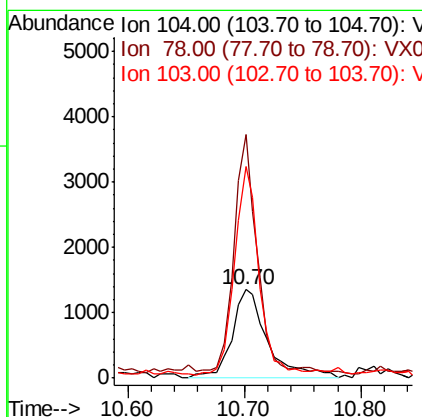
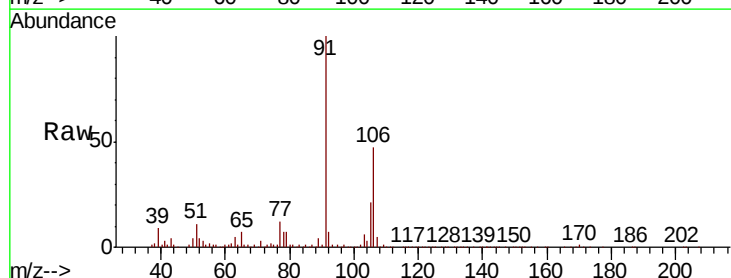
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#01

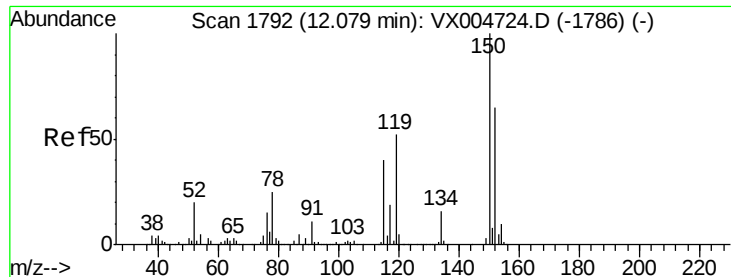
Tot Ion:106 Resp: 32903
Ion Ratio Lower Upper
106 100
91 214.4 108.3 324.8



#70
Styrene
Concen: 2.372 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Tgt Ion:104 Resp: 2886
Ion Ratio Lower Upper
104 100
78 166.4 40.0 60.0#
103 161.5 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: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#01

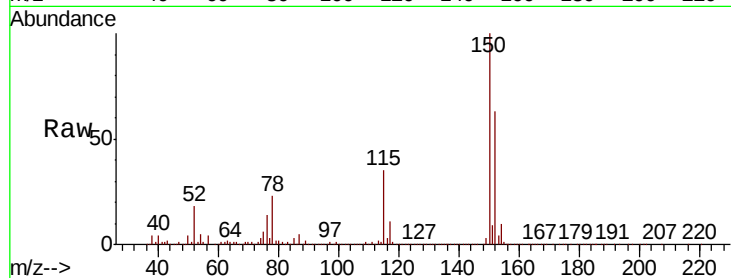
Tot Ion:152 Resp: 251847

Ion Ratio Lower Upper

152 100

115 55.1 40.2 120.6

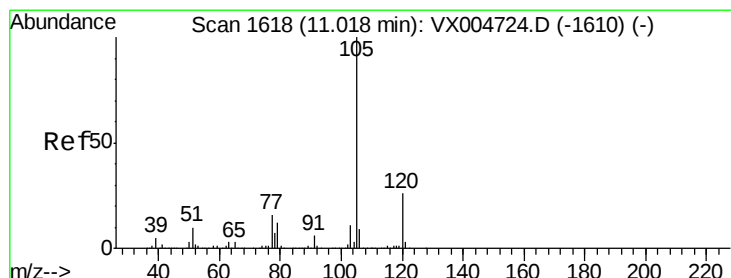
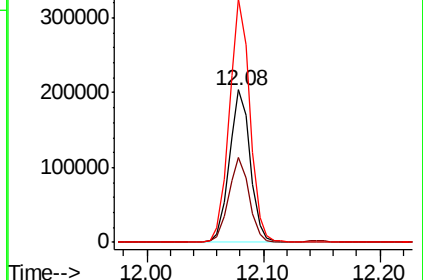
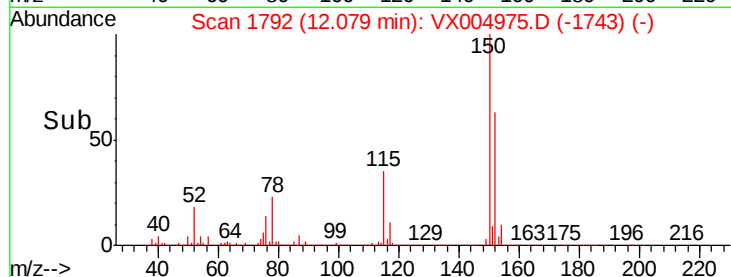
150 157.8 0.0 351.0



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



#73

Isopropylbenzene

Concen: 0.304 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004975.D

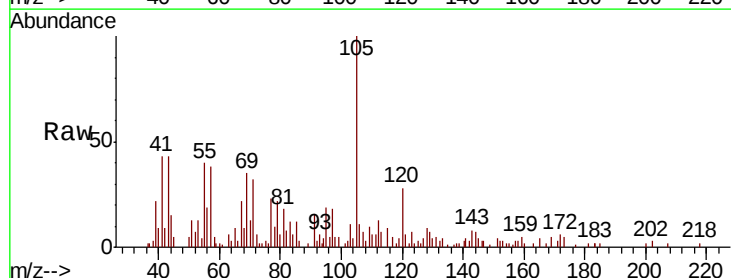
Acq: 03 Oct 2018 17:59

Tgt Ion:105 Resp: 4820

Ion Ratio Lower Upper

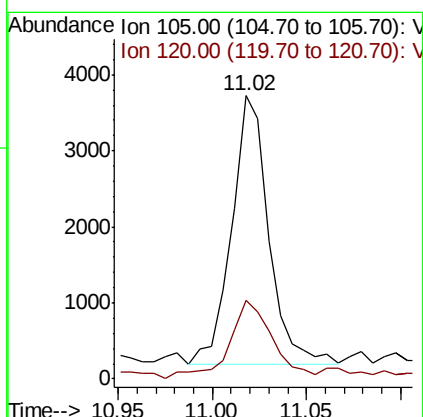
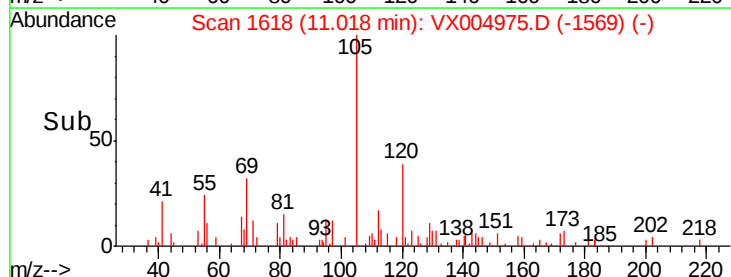
105 100

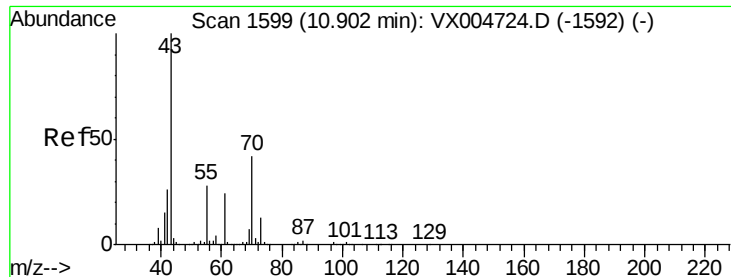
120 34.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.866 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

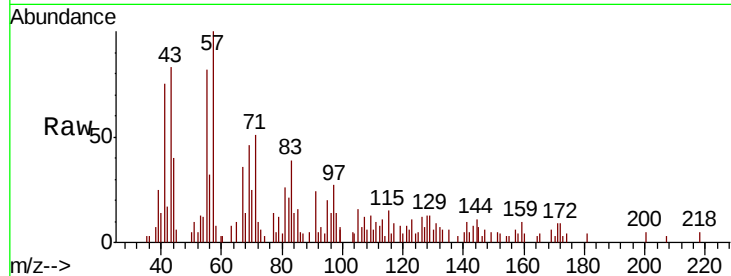
ClientSampleId :

PB113446ZHE#01

Tot Ion: 43 Resp: 1069

Ion Ratio Lower Upper

43	100		
70	46.1	32.6	48.8
55	131.0	21.6	32.4#
61	0.0	19.1	28.7#



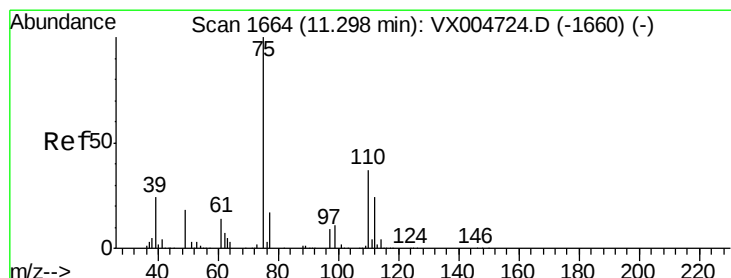
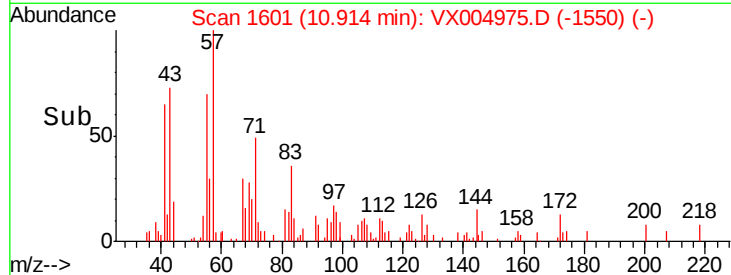
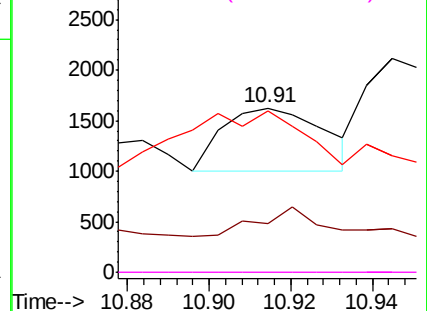
Abundance

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: 20.904 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

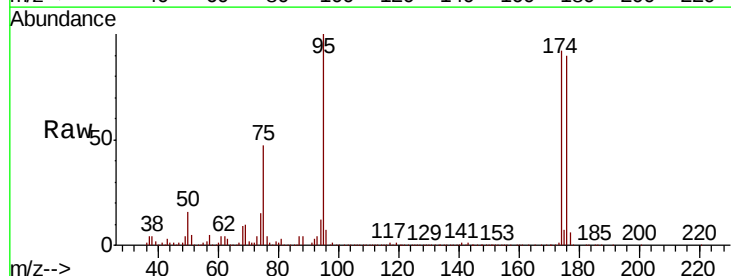
Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Tgt Ion: 75 Resp: 117998

Ion Ratio Lower Upper

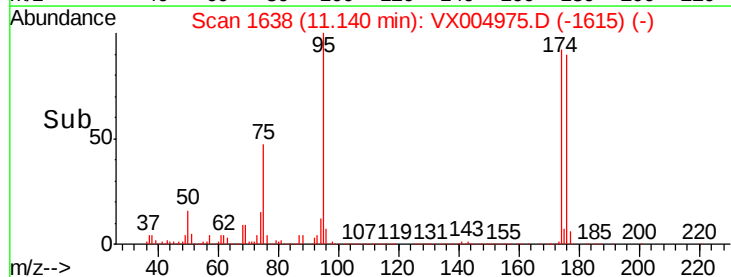
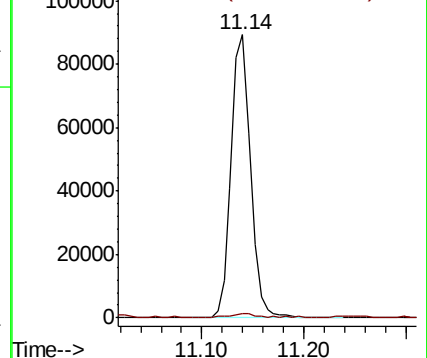
75	100		
77	1.3	21.4	64.3#

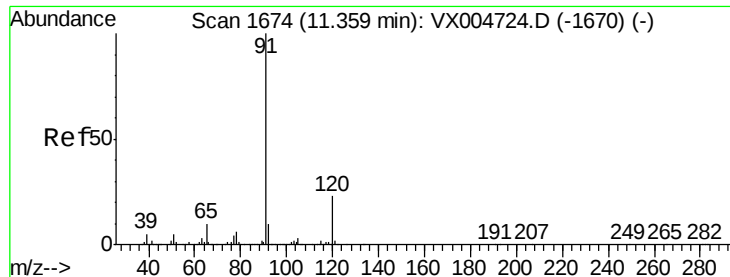


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.698 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

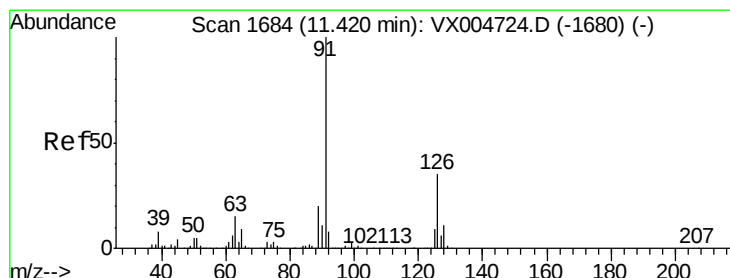
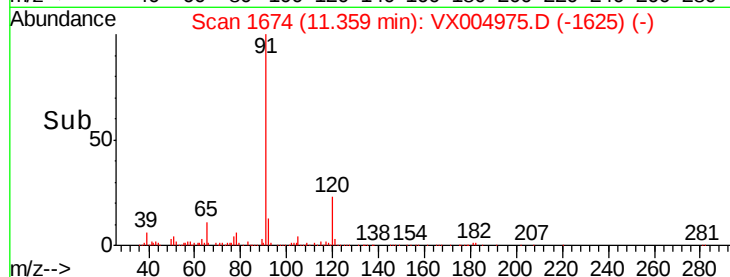
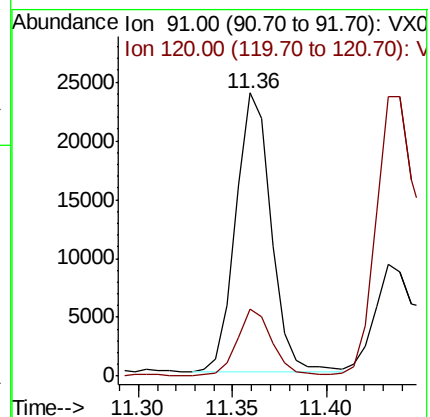
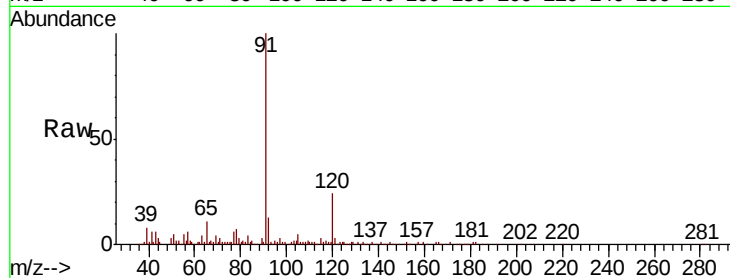
PB113446ZHE#01

Tot Ion: 91 Resp: 30926

Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.0



#79

2-Chlorotoluene

Concen: 1.472 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX004975.D

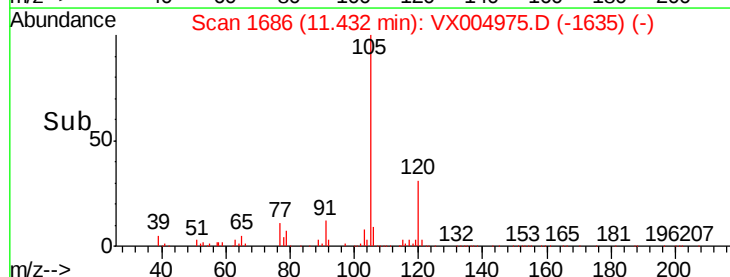
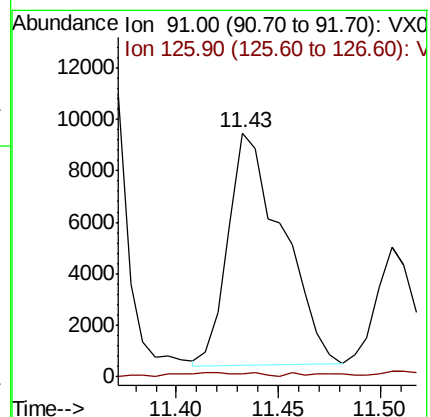
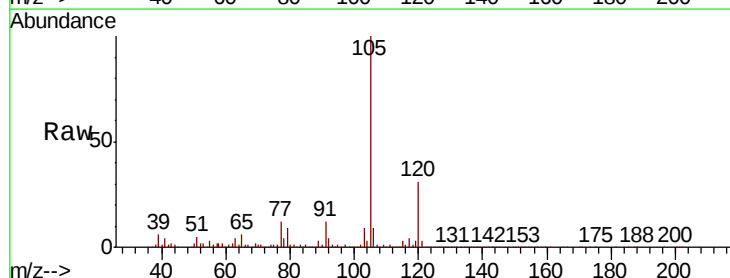
Acq: 03 Oct 2018 17:59

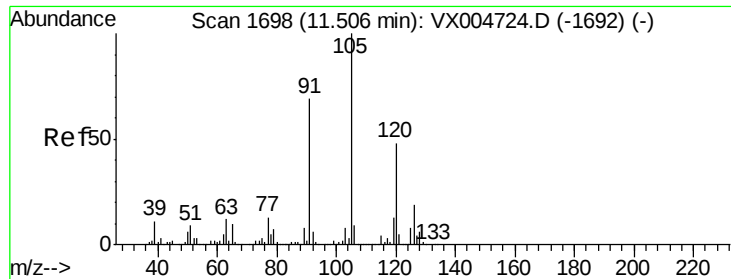
Tgt Ion: 91 Resp: 16711

Ion Ratio Lower Upper

91 100

126 2.6 17.6 52.9#

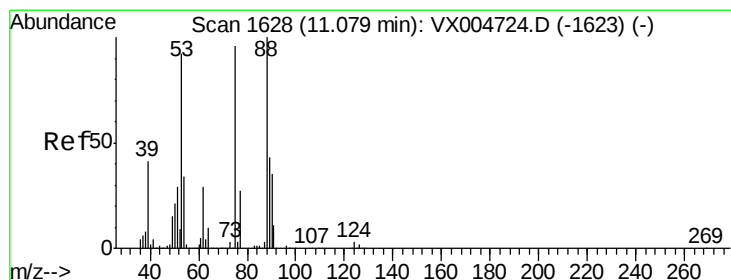
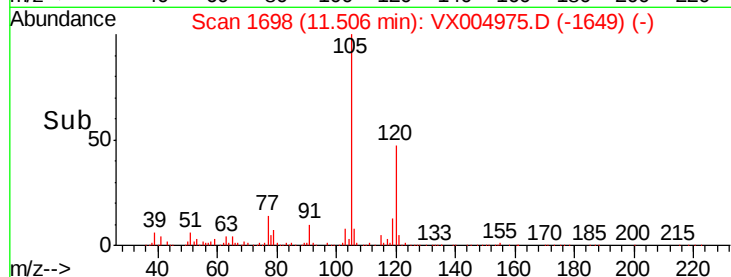
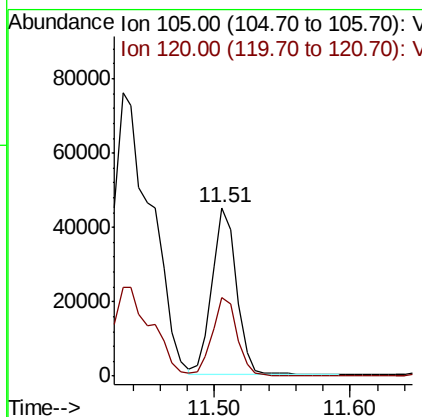
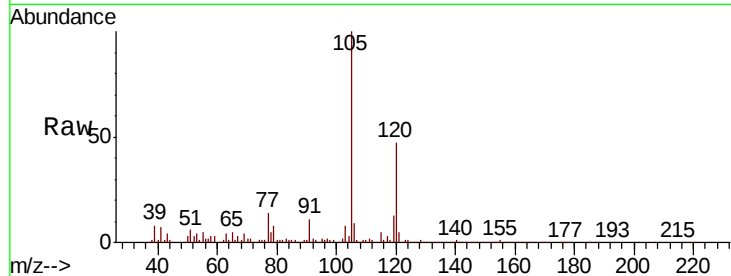




#80
 1,3,5-Trimethylbenzene
 Concen: 3.707 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004975.D
 Acq: 03 Oct 2018 17:59

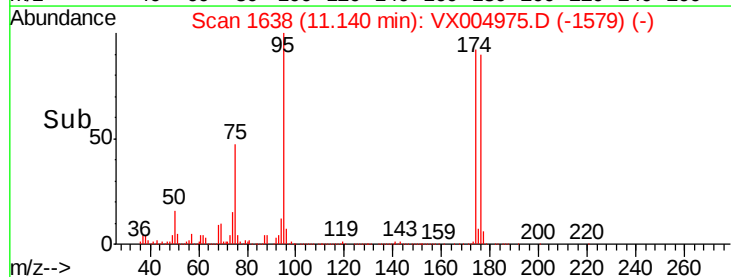
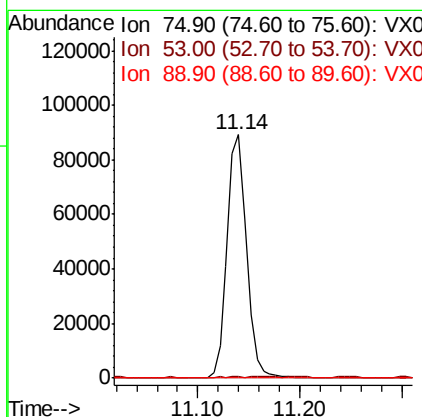
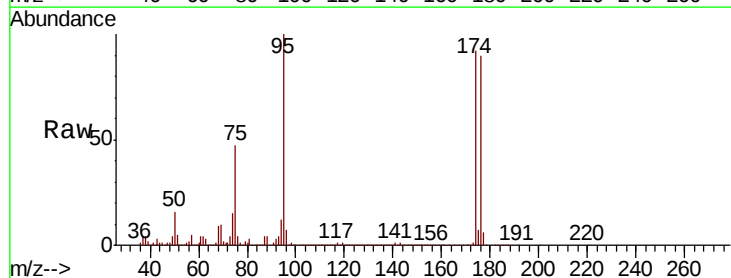
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#01

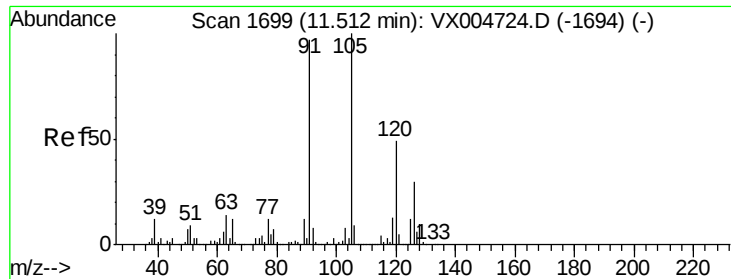
Tot Ion:105 Resp: 56598
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.734 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004975.D
 Acq: 03 Oct 2018 17:59

Tgt Ion: 75 Resp: 117998
 Ion Ratio Lower Upper
 75 100
 53 0.4 80.2 120.4#
 89 0.1 37.1 55.7#





#82

4-Chlorotoluene

Concen: 0.418 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

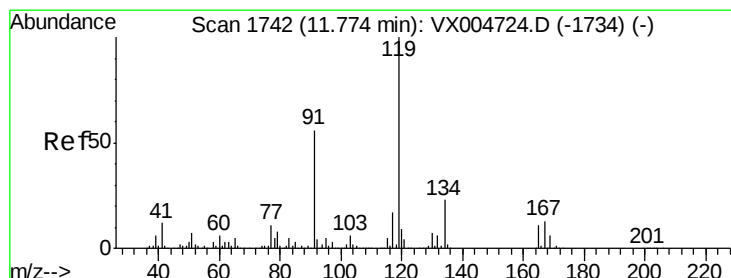
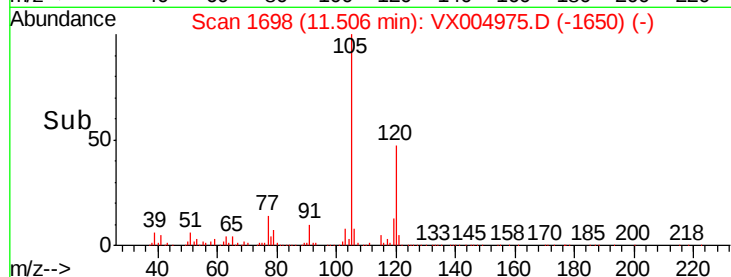
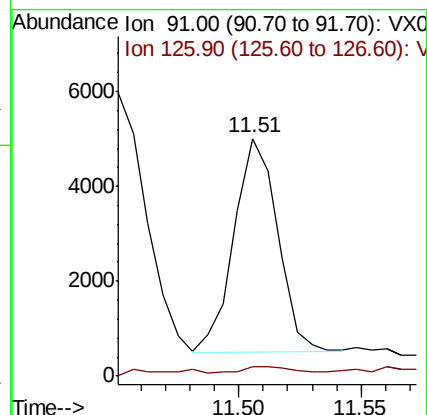
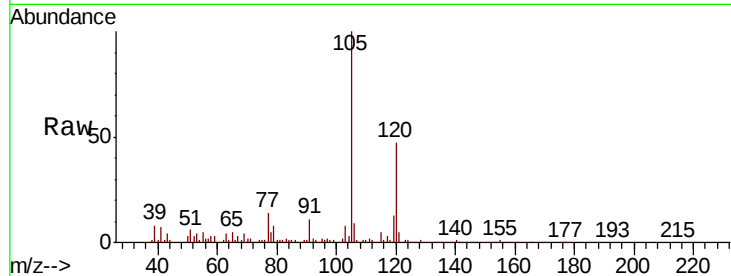
PB113446ZHE#01

Tot Ion: 91 Resp: 5580

Ion Ratio Lower Upper

91 100

126 3.1 15.5 46.5#



#83

tert-Butylbenzene

Concen: 2.077 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

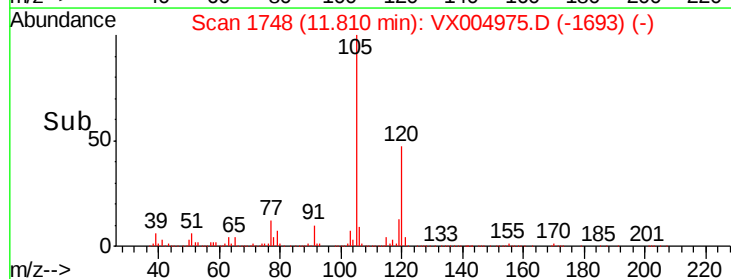
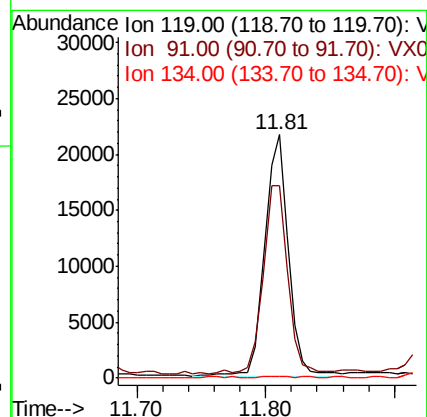
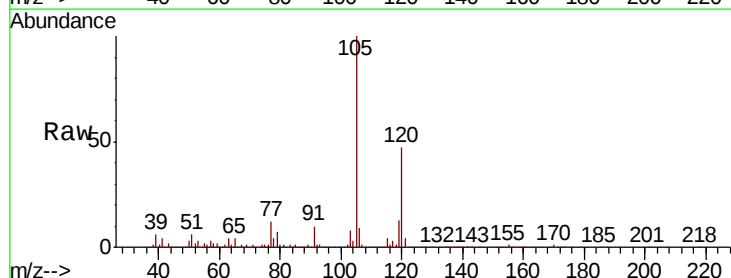
Tgt Ion: 119 Resp: 27147

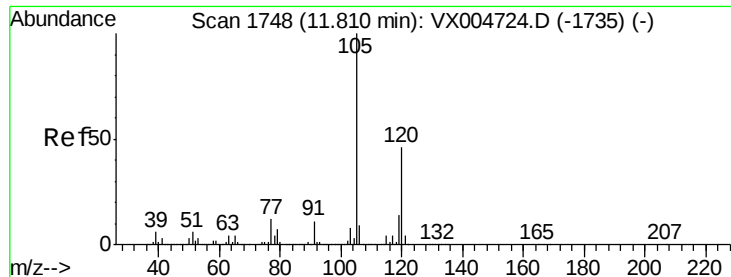
Ion Ratio Lower Upper

119 100

91 81.4 27.5 82.5

134 0.5 11.5 34.4#





#84

1,2,4-Trimethylbenzene

Concen: 13.906 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004975.D

Acq: 03 Oct 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

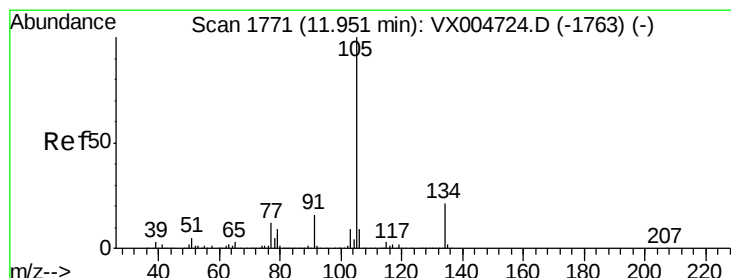
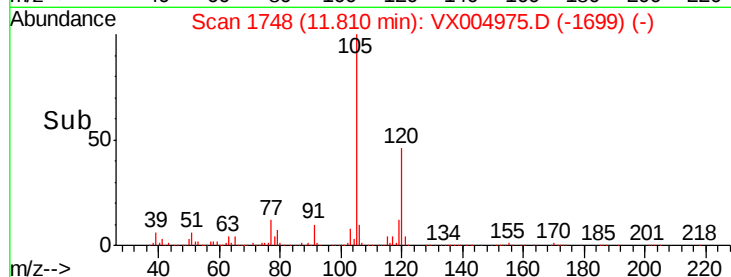
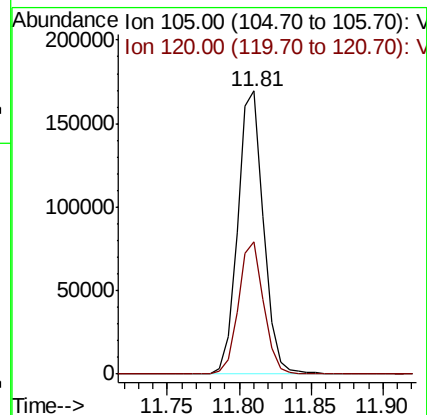
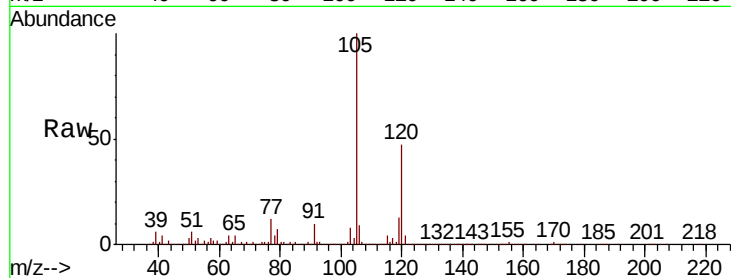
PB113446ZHE#01

Tot Ion:105 Resp: 210798

Ion Ratio Lower Upper

105 100

120 45.9 22.8 68.3



#85

sec-Butylbenzene

Concen: 13.242 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX004975.D

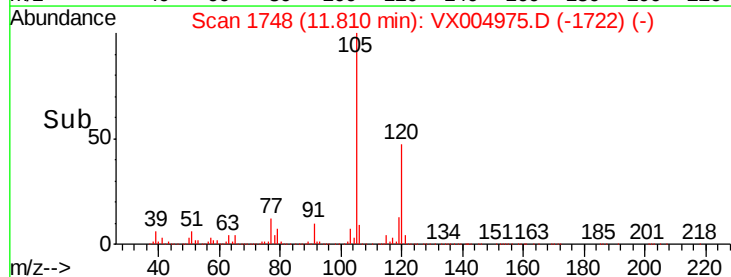
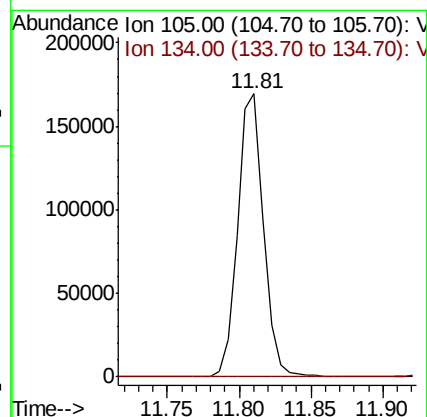
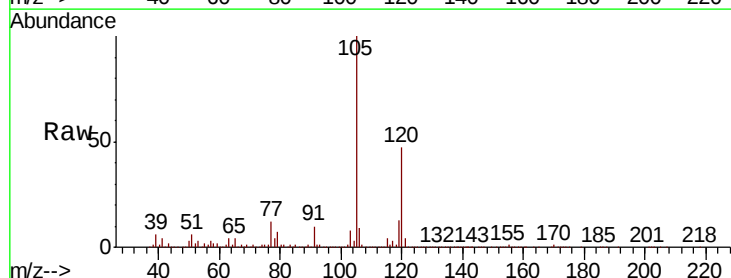
Acq: 03 Oct 2018 17:59

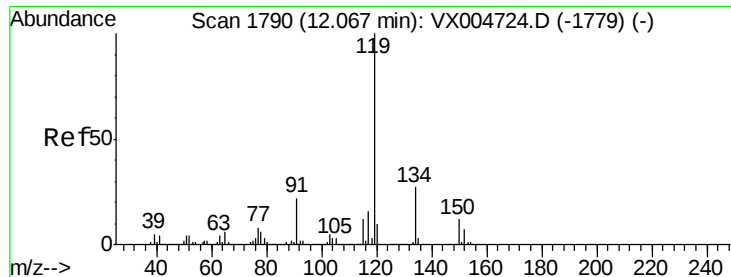
Tgt Ion:105 Resp: 210798

Ion Ratio Lower Upper

105 100

134 0.1 10.2 30.4#

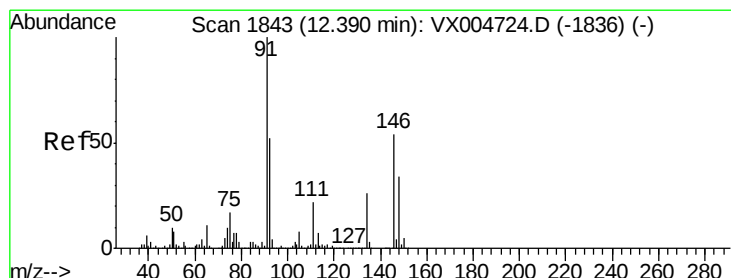
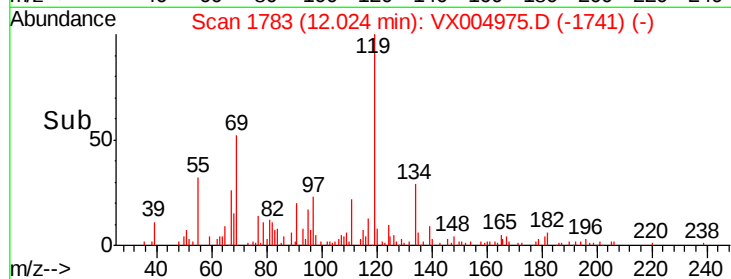
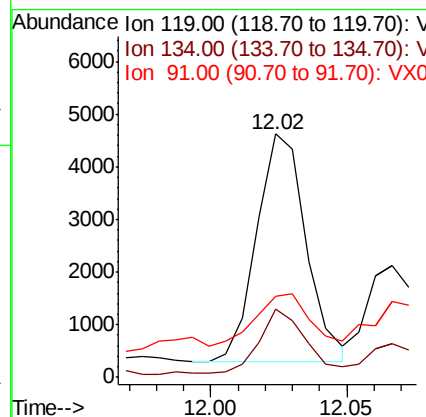
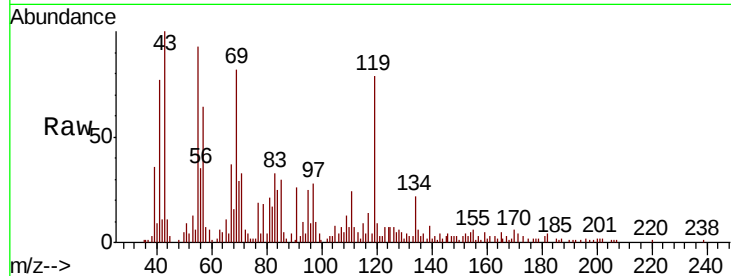




#86
p-Isopropyltoluene
Concen: 0.381 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

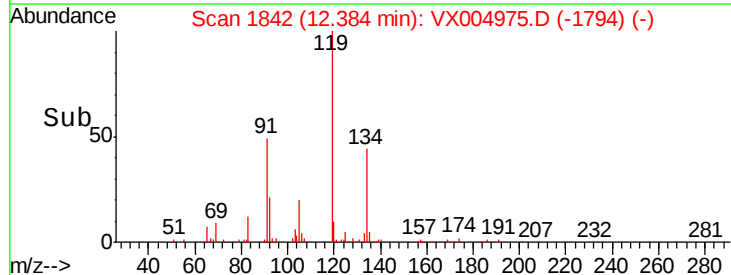
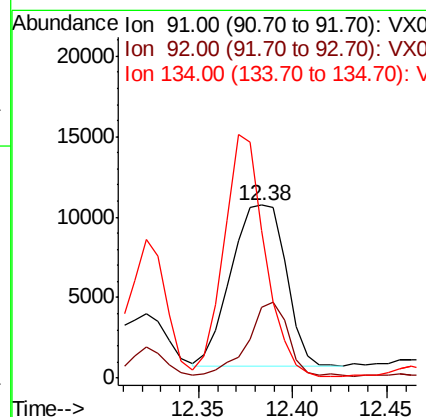
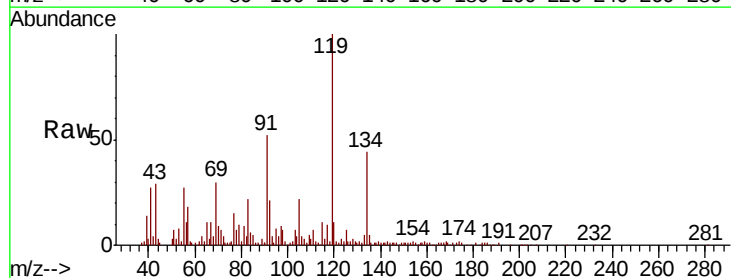
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#01

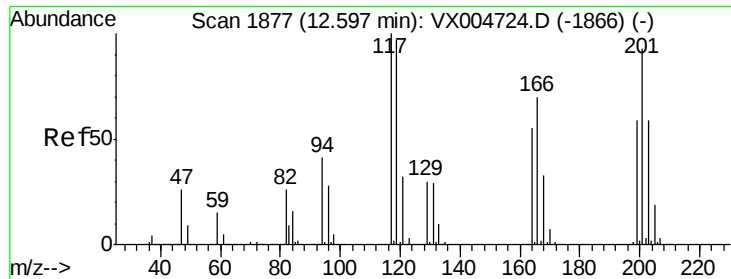
Tot Ion: 119 Resp: 5490
Ion Ratio Lower Upper
119 100
134 27.8 13.4 40.1
91 25.5 11.5 34.4



#89
n-Butylbenzene
Concen: 1.548 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Tgt Ion: 91 Resp: 20274
Ion Ratio Lower Upper
91 100
92 33.9 26.0 78.0
134 111.3 13.2 39.6#

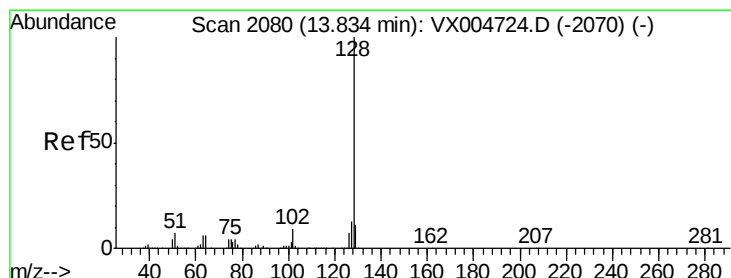
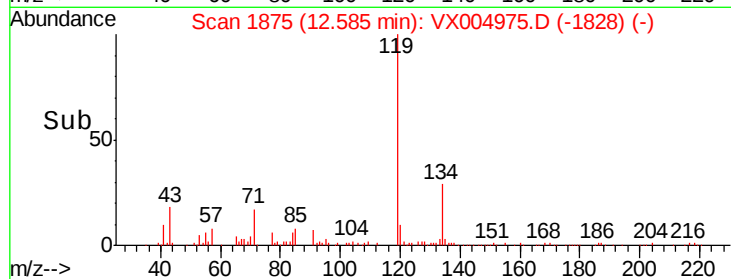
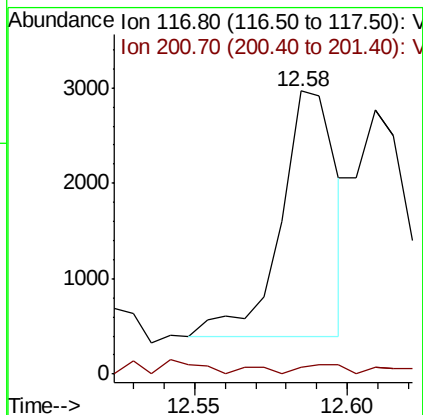
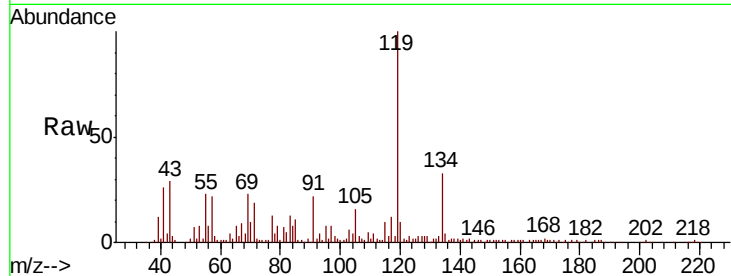




#90
Hexachloroethane
Concen: 1.363 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#01

Tot Ion:117 Resp: 3272
Ion Ratio Lower Upper
117 100
201 3.0 48.4 145.0#



#95
Naphthalene
Concen: 11.929 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004975.D
Acq: 03 Oct 2018 17:59

Tgt Ion:128 Resp: 238253
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.2 8.7 13.1

