

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004976.D
 Acq On : 03 Oct 2018 18:26
 Operator : JC/MD
 Sample : PB113446ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

Quant Time: Oct 04 01:25:26 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	277106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	442037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	431031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253781	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188966	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	5.51	113	163414	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
50) Toluene-d8	8.72	98	630809	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.14	95	244762	54.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	564	0.221	ug/l #	79
6) Chloroethane	1.78	64	768	Below Cal	#	45
11) Tert butyl alcohol	3.03	59	2639	2.384	ug/l #	76
16) Acetone	2.45	43	25502	11.035	ug/l	92
18) Methyl Acetate	2.78	43	11798	2.015	ug/l	95
20) Methylene Chloride	2.85	84	5408	0.783	ug/l	91
25) 2-Butanone	4.71	43	9863	2.895	ug/l	96
29) Tetrahydrofuran	5.17	42	2504	1.183	ug/l	94
36) 1,1-Dichloropropene	5.66	75	17652	3.453	ug/l #	47
37) Ethyl Acetate	4.71	43	9863	1.454	ug/l #	71
38) Carbon Tetrachloride	5.67	117	23368	4.349	ug/l #	18
39) Methylcyclohexane	7.46	83	1113	0.213	ug/l #	65
40) Benzene	6.15	78	4345	0.272	ug/l	90
43) Isopropyl Acetate	6.46	43	259382	26.487	ug/l	95
48) Methyl methacrylate	7.69	41	10698	2.407	ug/l #	22
51) 4-Methyl-2-Pentanone	8.62	43	3621	0.587	ug/l #	37
52) Toluene	8.79	92	18943	2.154	ug/l	98
56) Ethyl methacrylate	9.23	69	90	2.876	ug/l #	1
57) 1,3-Dichloropropane	9.54	76	1372	0.214	ug/l #	44
58) 2-Chloroethyl Vinyl ether	8.32	63	71	14.262	ug/l #	49
59) 2-Hexanone	9.55	43	17017	3.312	ug/l #	55
67) Ethyl Benzene	10.26	91	22270	1.269	ug/l	94
68) m/p-Xylenes	10.36	106	47286	6.896	ug/l	94
69) o-Xylene	10.70	106	16574	2.632	ug/l	100
70) Styrene	10.69	104	1423	2.256	ug/l #	1
74) N-amyl acetate	10.91	43	123	1.761	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	117828	20.715	ug/l #	35
78) n-propylbenzene	11.36	91	15218	0.829	ug/l	99
79) 2-Chlorotoluene	11.43	91	8750	0.765	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.51	105	27089	1.657	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	117828	56.238	ug/l #	10
82) 4-Chlorotoluene	11.51	91	3049	0.226	ug/l #	55
83) tert-Butylbenzene	11.81	119	12371	0.939	ug/l #	67
84) 1,2,4-Trimethylbenzene	11.81	105	93068	5.981	ug/l	99

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

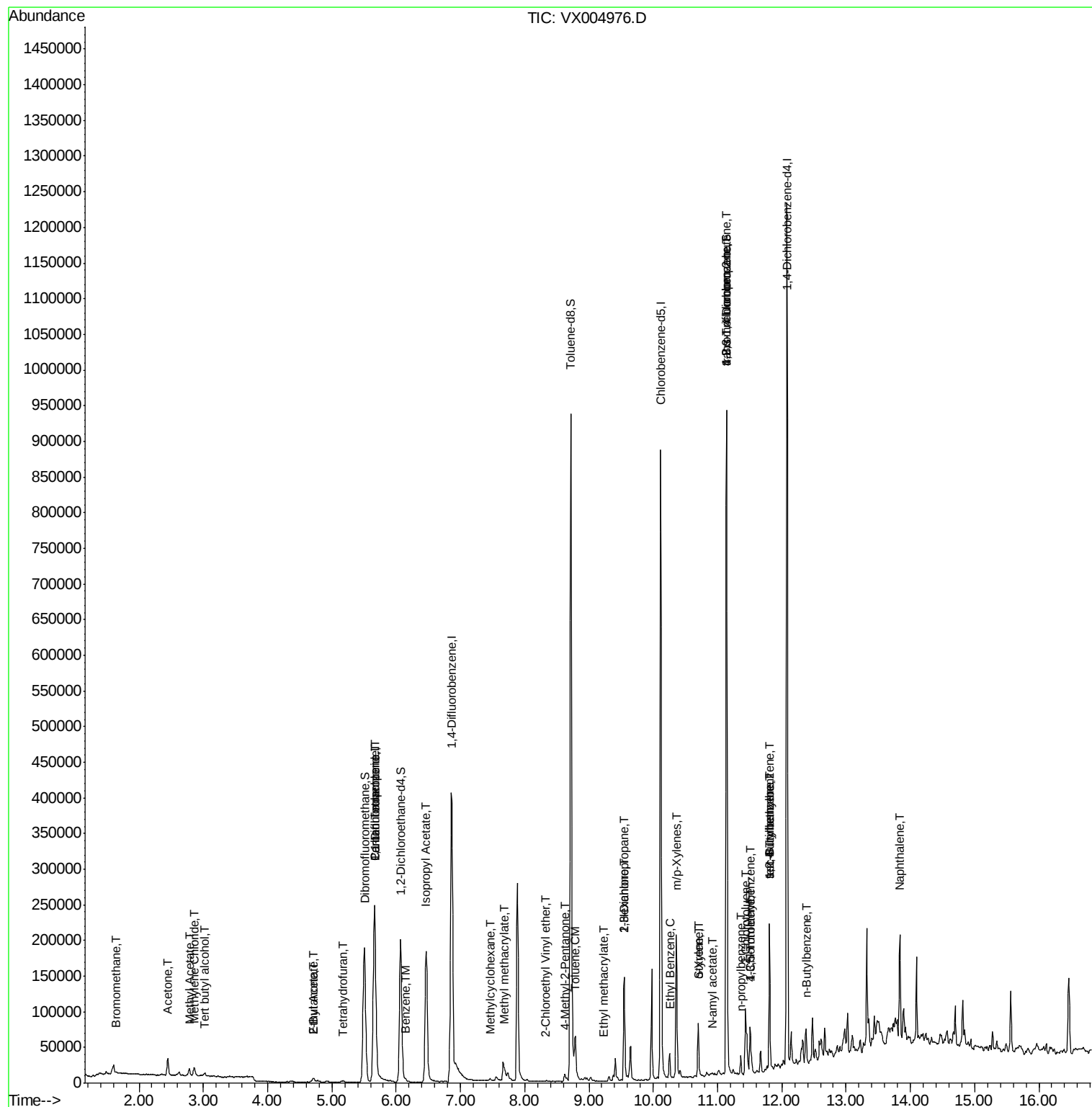
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.81	105	93068	5.802	ug/l #	57
89) n-Butylbenzene	12.39	91	8213	0.622	ug/l #	31
95) Naphthalene	13.83	128	90364	4.939	ug/l	99

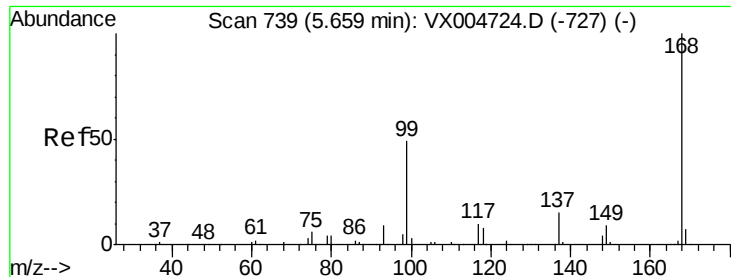
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

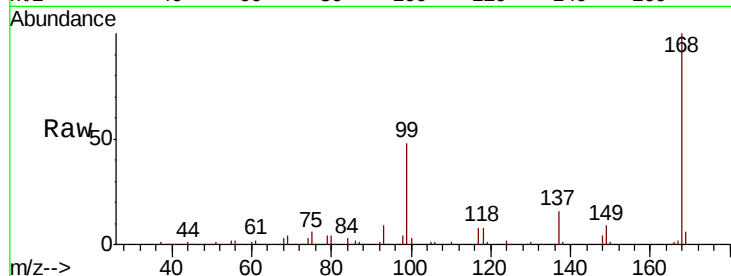
PB113446ZHE#02

Tot Ion:168 Resp: 277106

Ion Ratio Lower Upper

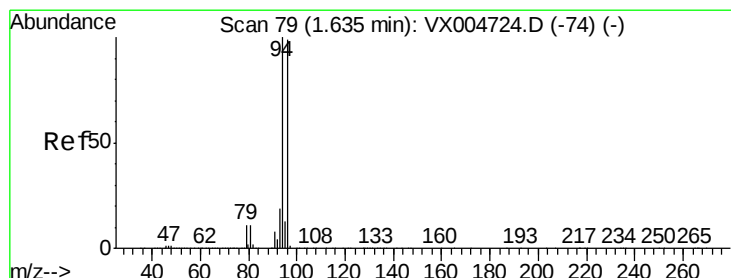
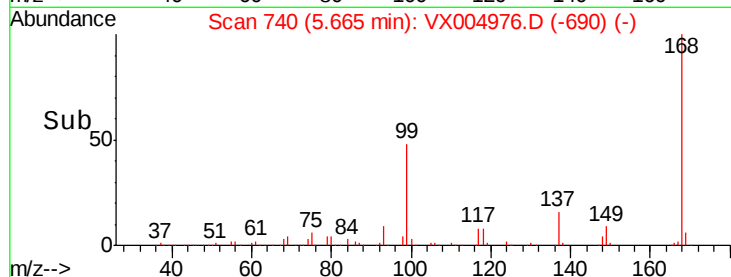
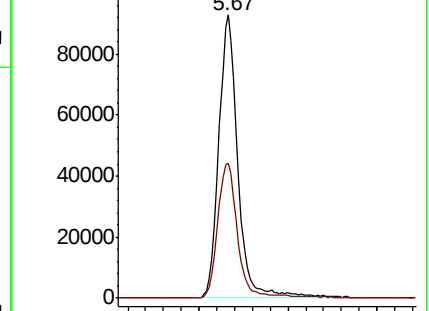
168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.221 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004976.D

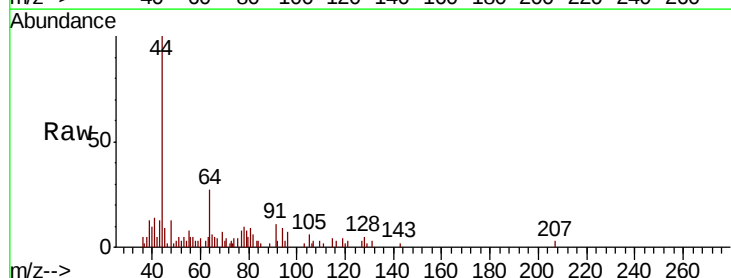
Acq: 03 Oct 2018 18:26

Tgt Ion: 94 Resp: 564

Ion Ratio Lower Upper

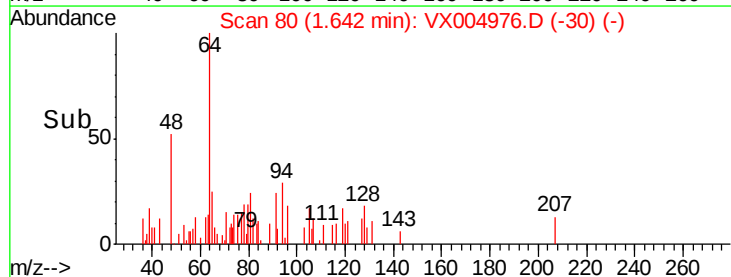
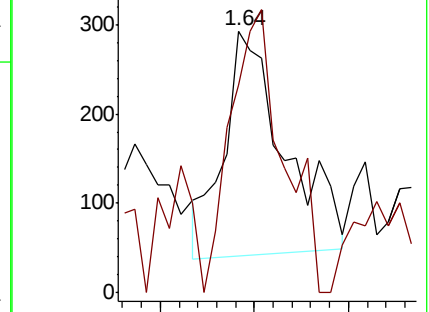
94 100

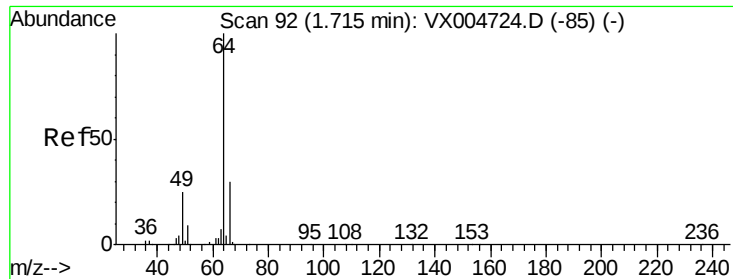
96 78.5 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.78 min Scan# 102

Delta R.T. 0.06 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

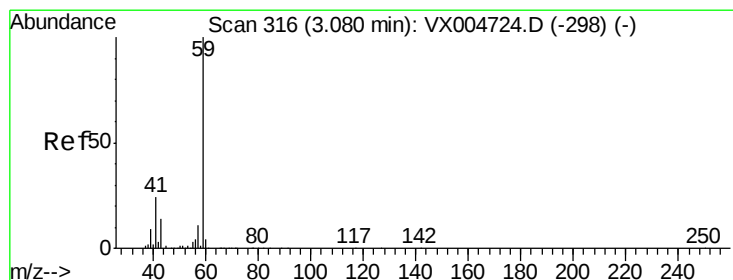
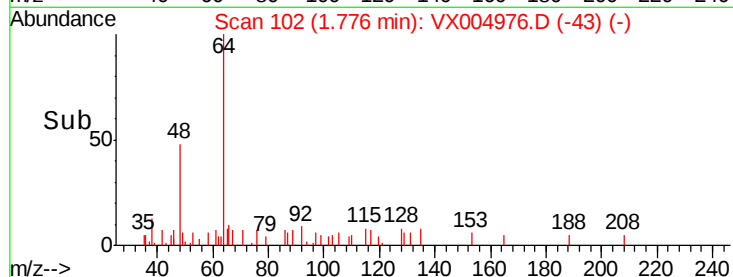
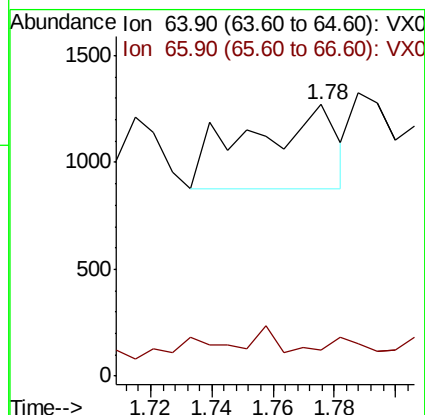
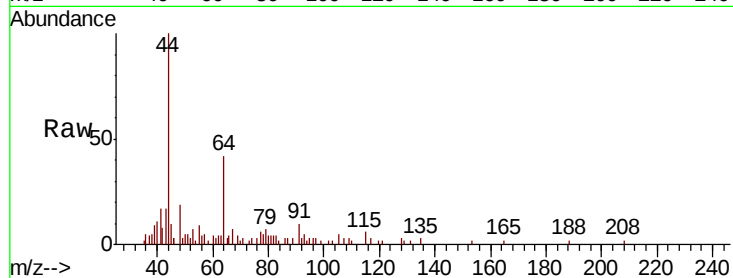
PB113446ZHE#02

Tot Ion: 64 Resp: 768

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.6#



#11

Tert butyl alcohol

Concen: 2.384 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX004976.D

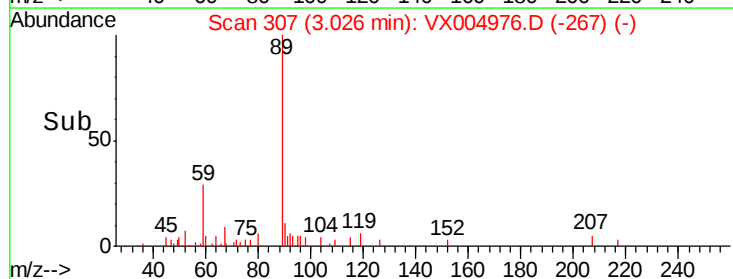
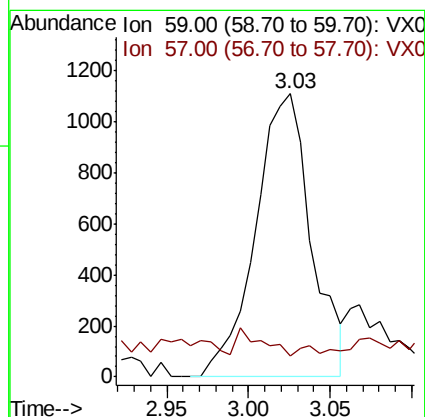
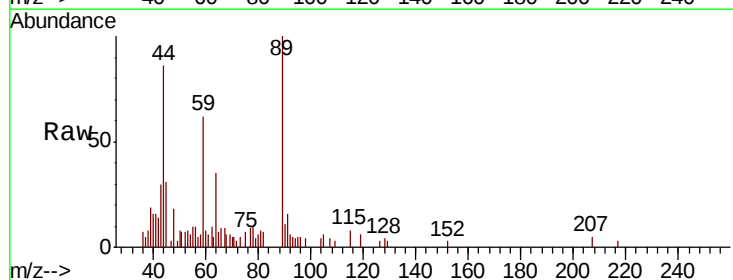
Acq: 03 Oct 2018 18:26

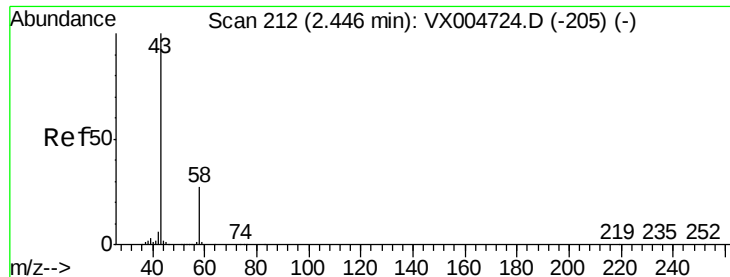
Tgt Ion: 59 Resp: 2639

Ion Ratio Lower Upper

59 100

57 1.6 8.6 12.8#





#16

Acetone

Concen: 11.035 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

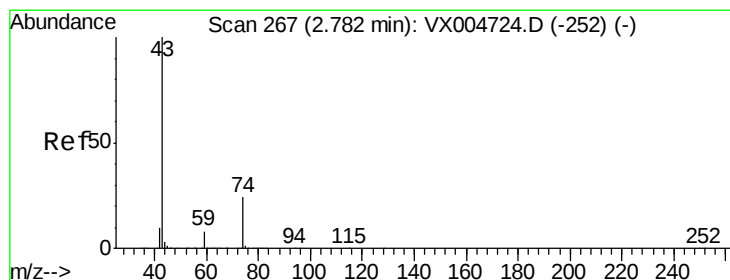
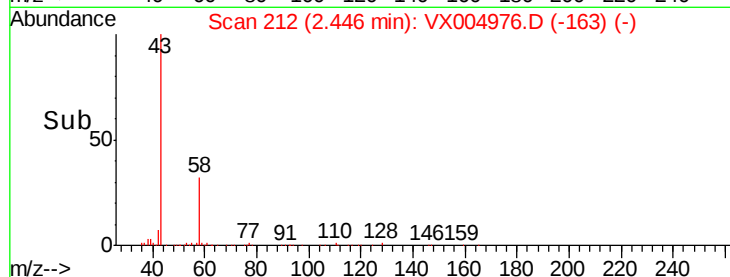
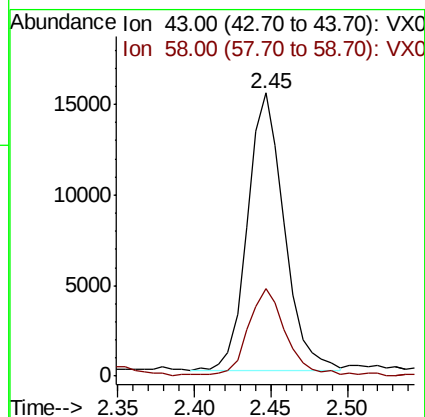
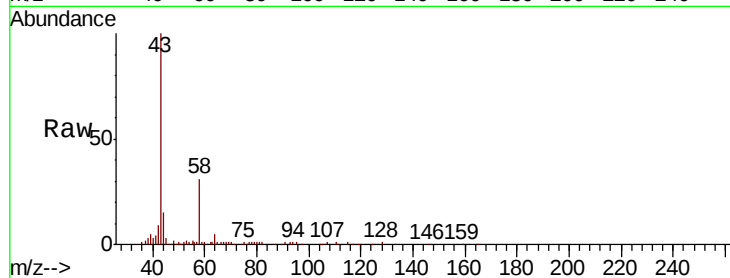
PB113446ZHE#02

Tot Ion: 43 Resp: 25502

Ion Ratio Lower Upper

43 100

58 31.2 21.8 32.6



#18

Methyl Acetate

Concen: 2.015 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX004976.D

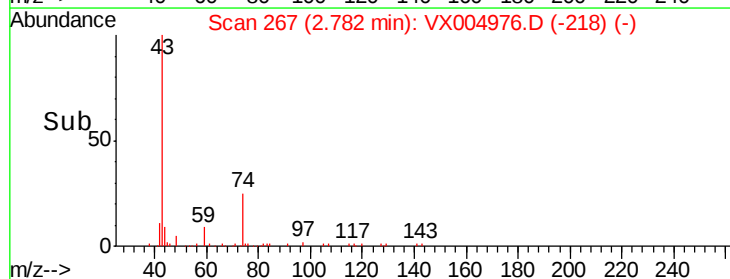
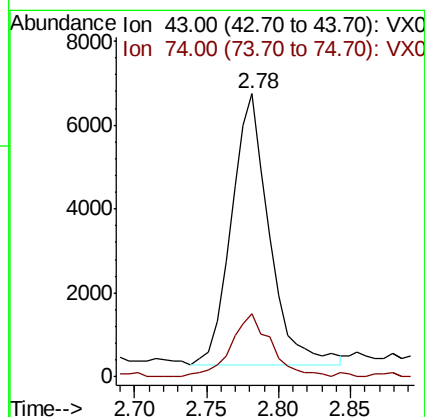
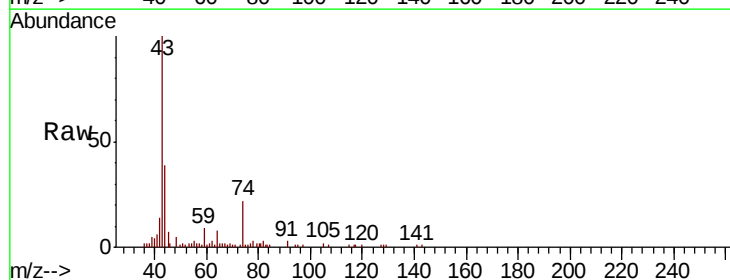
Acq: 03 Oct 2018 18:26

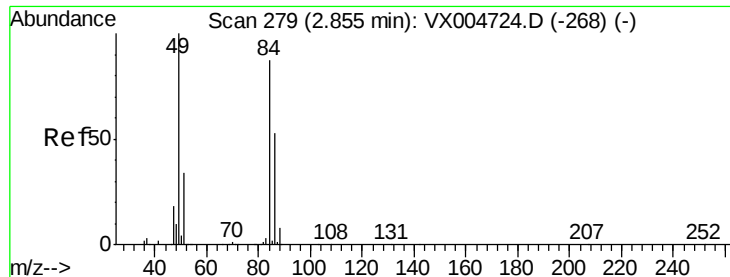
Tgt Ion: 43 Resp: 11798

Ion Ratio Lower Upper

43 100

74 24.9 17.8 26.8

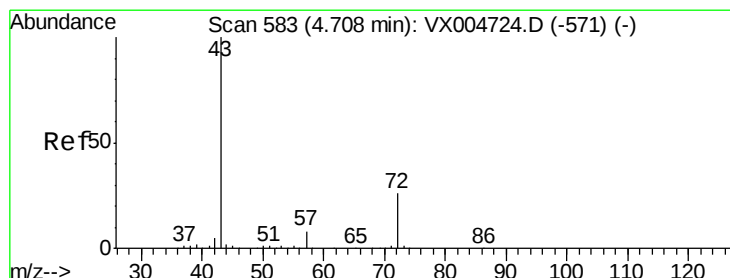
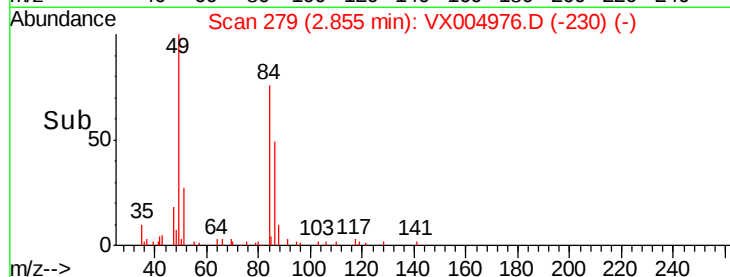
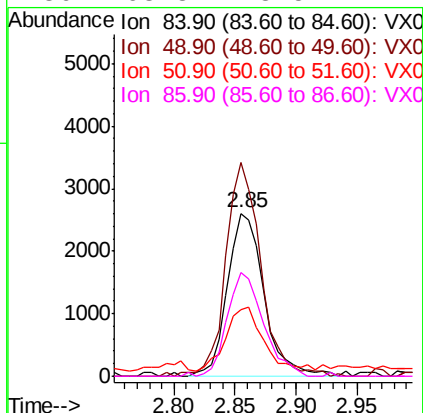
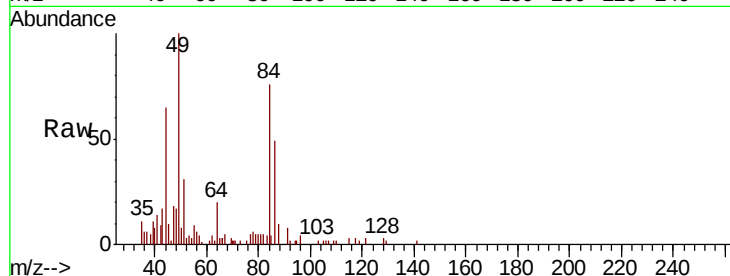




#20
Methvlene Chloride
Concen: 0.783 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

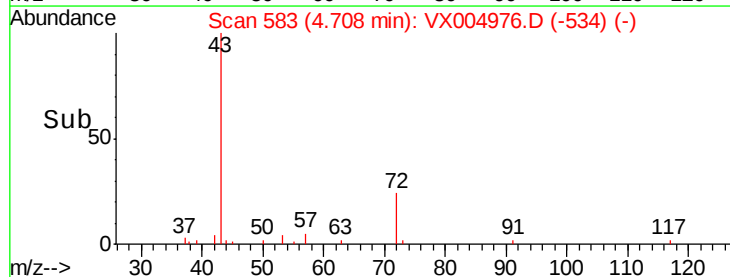
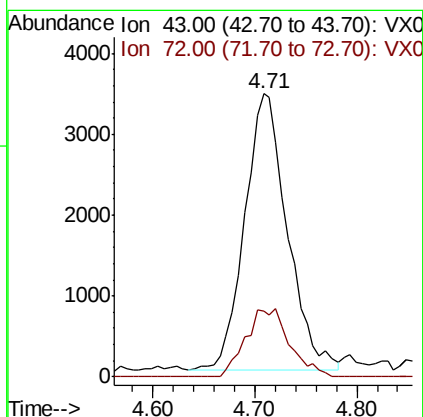
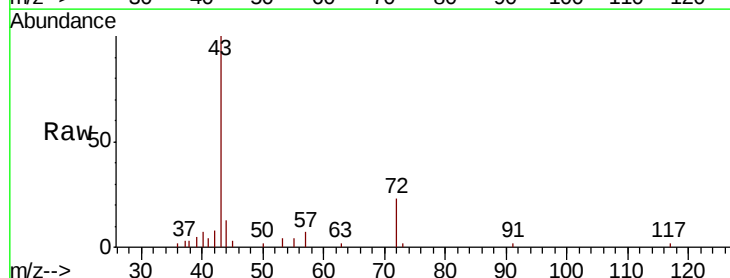
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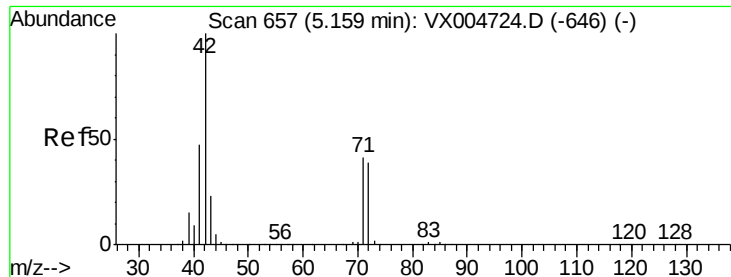
Tot Ion: 84 Resp: 5408
Ion Ratio Lower Upper
84 100
49 129.2 92.3 138.5
51 36.5 31.8 47.6
86 63.8 48.5 72.7



#25
2-Butanone
Concen: 2.895 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

Tgt Ion: 43 Resp: 9863
Ion Ratio Lower Upper
43 100
72 23.8 20.8 31.2





#29

Tetrahydrofuran

Concen: 1.183 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

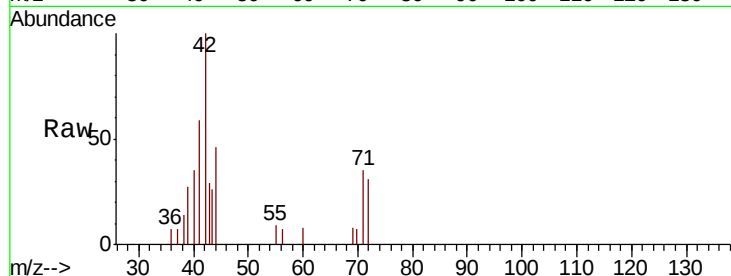
Tot Ion: 42 Resp: 2504

Ion Ratio Lower Upper

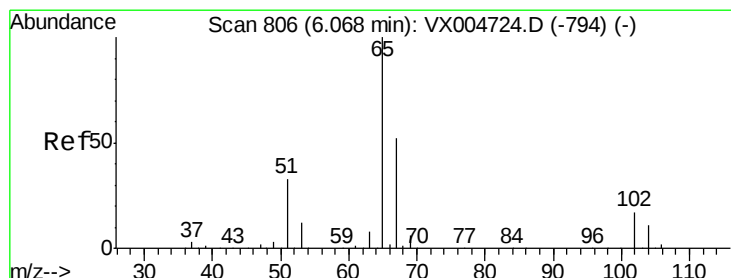
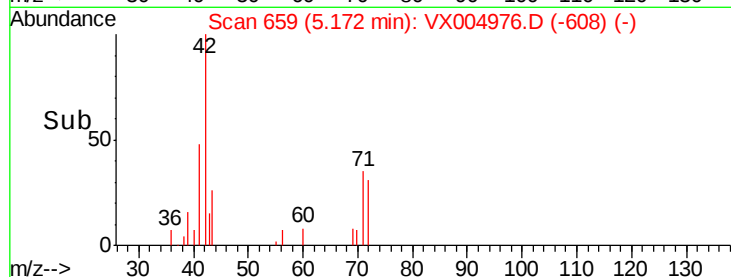
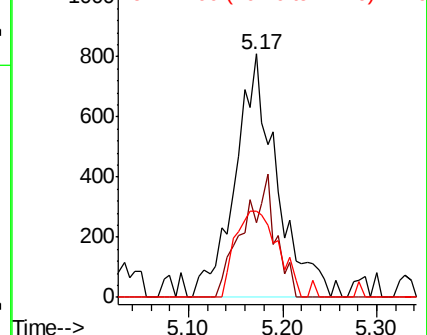
42 100

72 38.9 33.7 50.5

71 36.3 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.737 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004976.D

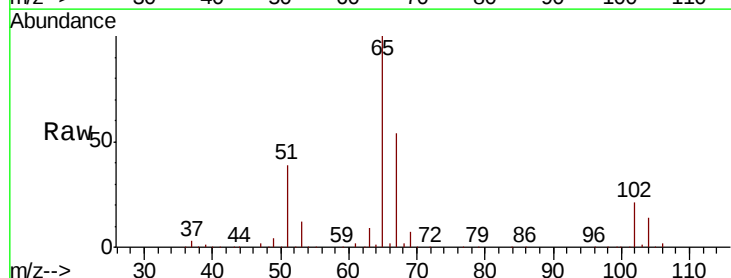
Acq: 03 Oct 2018 18:26

Tgt Ion: 65 Resp: 188966

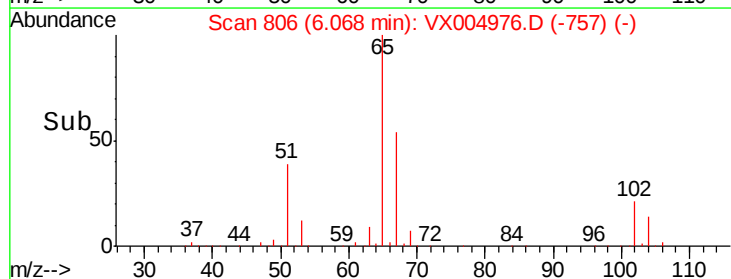
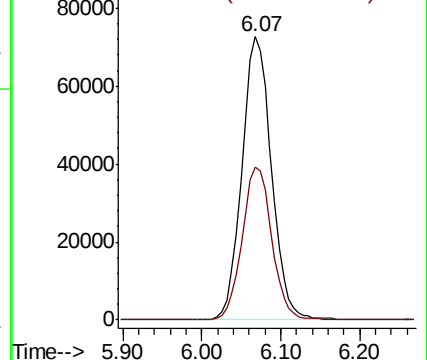
Ion Ratio Lower Upper

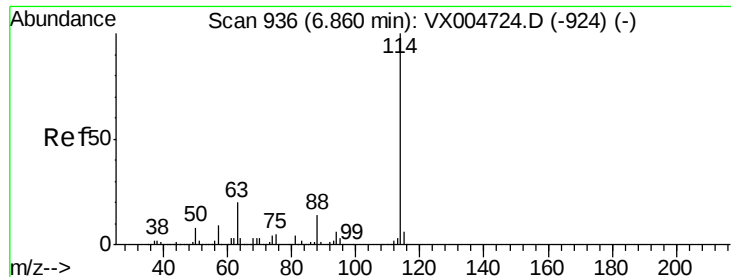
65 100

67 54.5 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: VX004976.D

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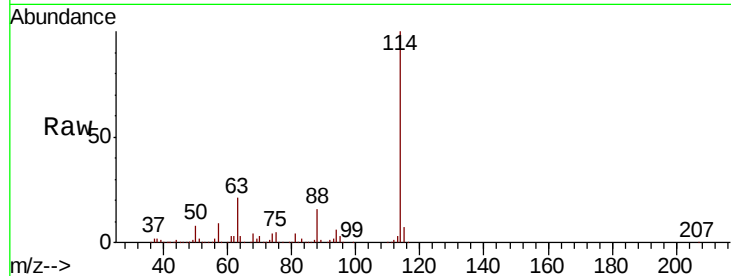
Tot Ion:114 Resp: 442037

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.8

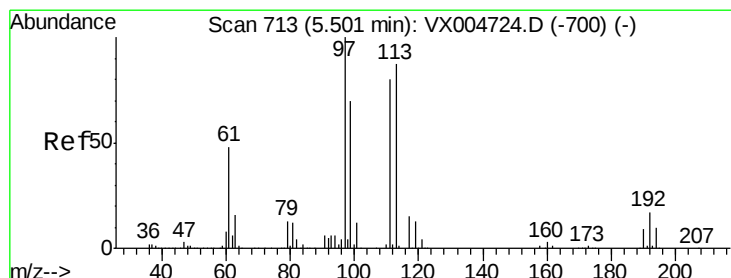
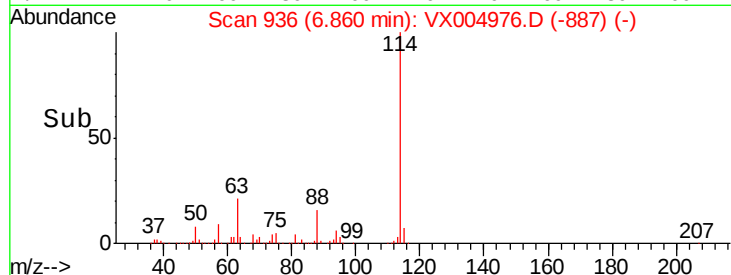
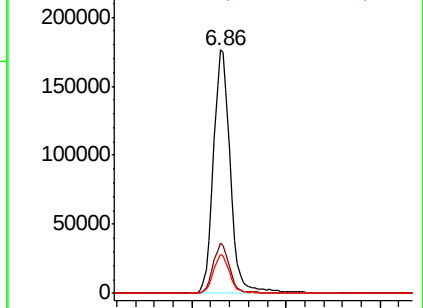
88 16.1 0.0 27.0



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: 43.620 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

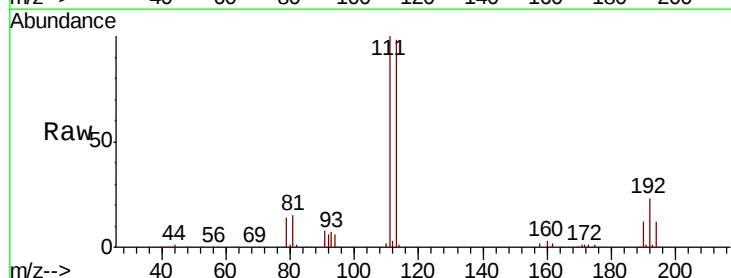
Tgt Ion:113 Resp: 163414

Ion Ratio Lower Upper

113 100

111 102.0 77.0 115.4

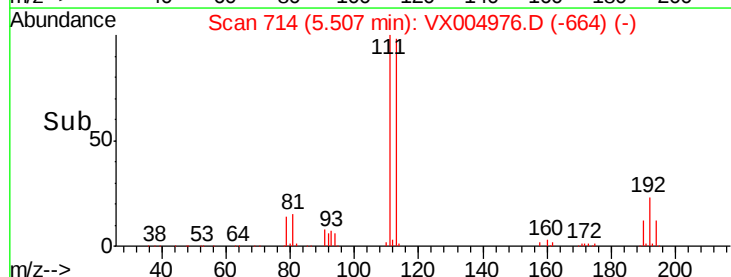
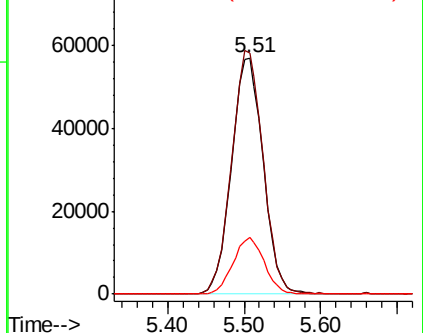
192 23.6 17.0 25.6

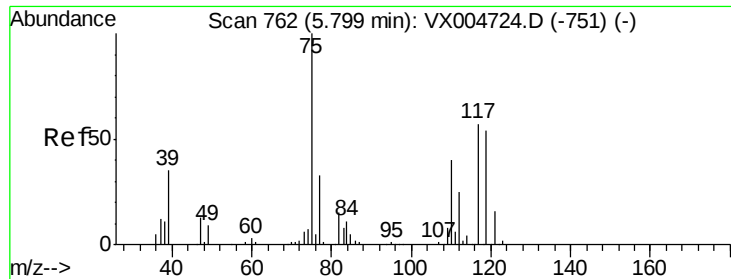


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.453 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

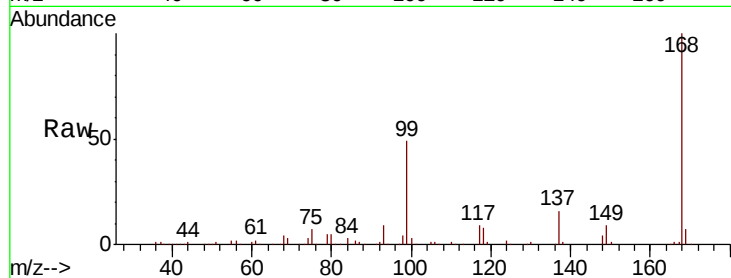
Tot Ion: 75 Resp: 17652

Ion Ratio Lower Upper

75 100

110 10.4 20.0 59.9#

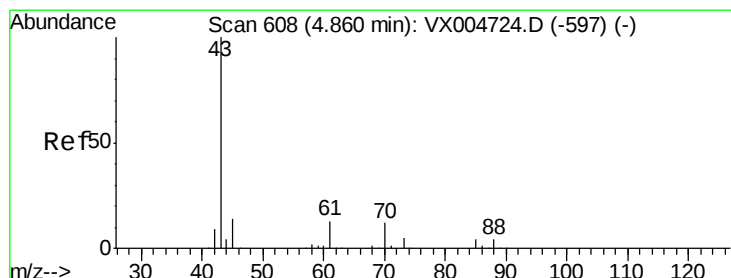
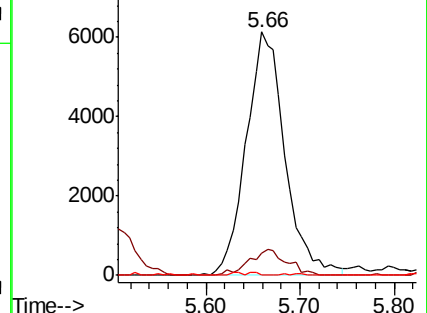
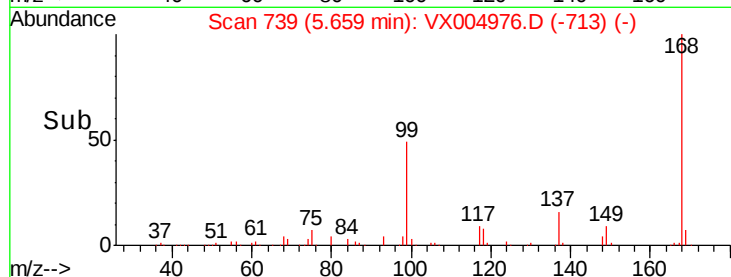
77 0.3 27.1 40.7#



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: 1.454 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

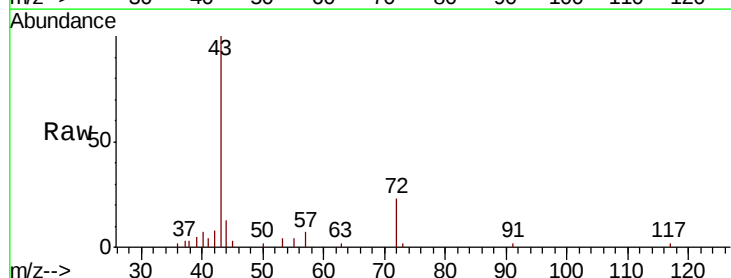
Tgt Ion: 43 Resp: 9863

Ion Ratio Lower Upper

43 100

61 1.7 10.4 15.6#

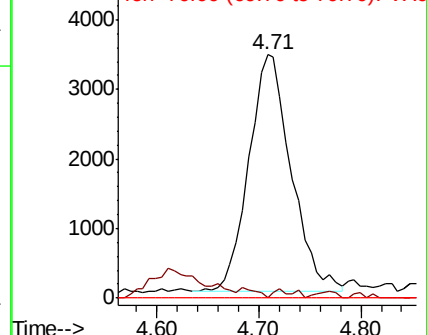
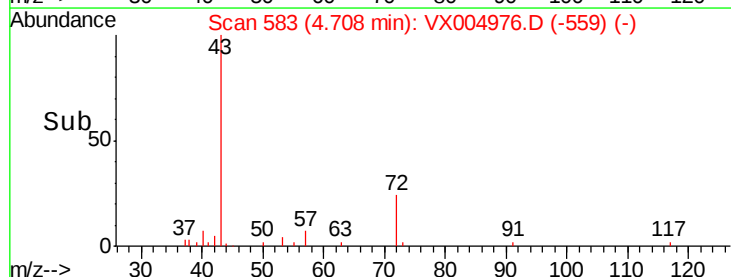
70 0.0 8.7 13.1#

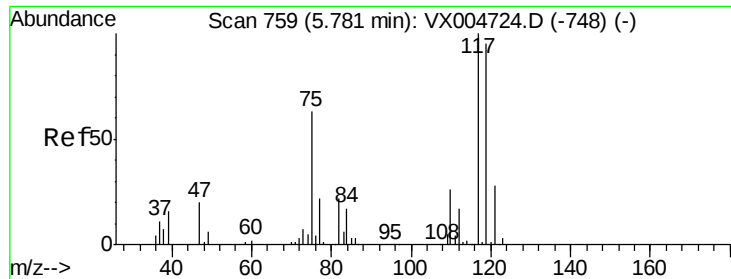


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 4.349 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

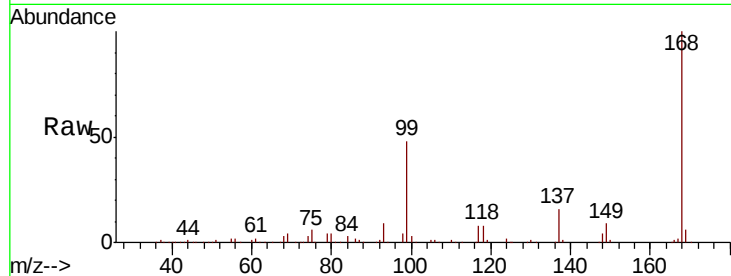
Tot Ion:117 Resp: 23368

Ion Ratio Lower Upper

117 100

119 6.9 75.2 112.8#

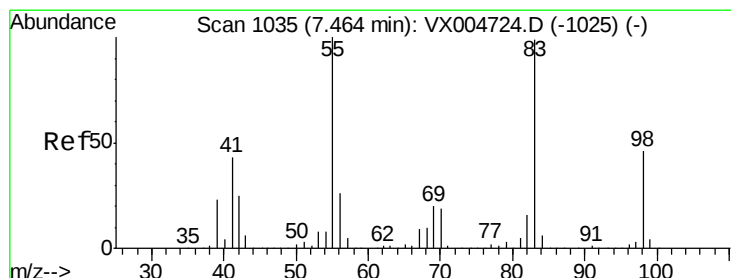
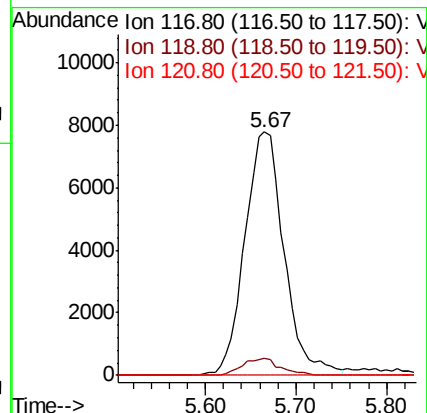
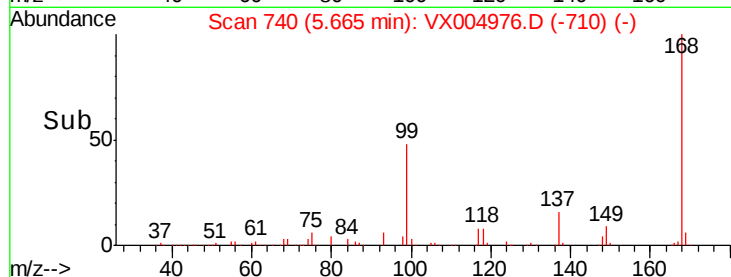
121 0.0 22.5 33.7#



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: 0.213 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

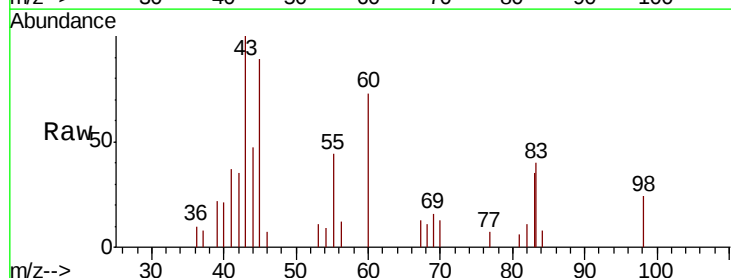
Tgt Ion: 83 Resp: 1113

Ion Ratio Lower Upper

83 100

55 59.5 81.1 121.7#

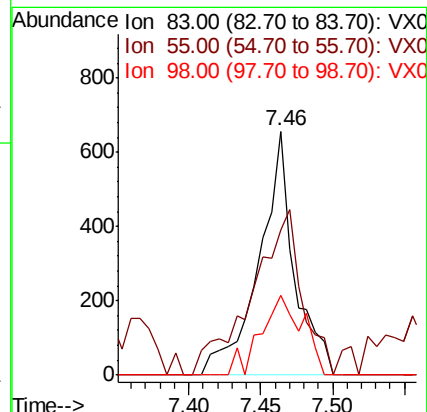
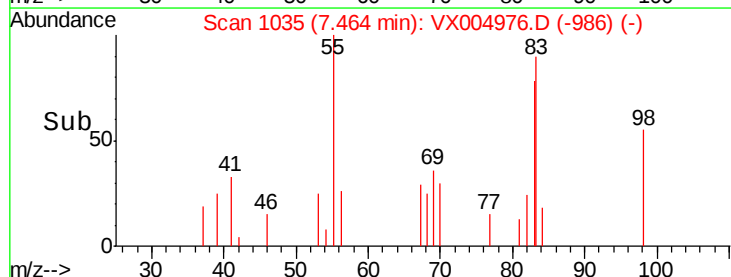
98 32.9 37.3 55.9#

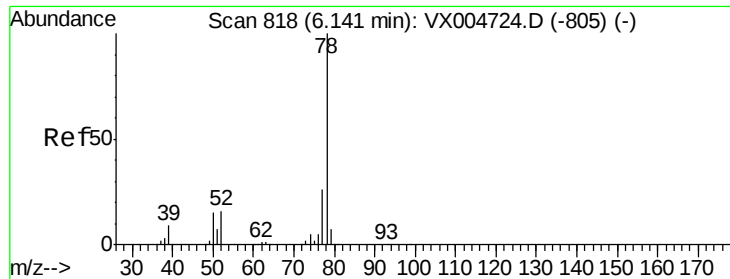


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.272 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

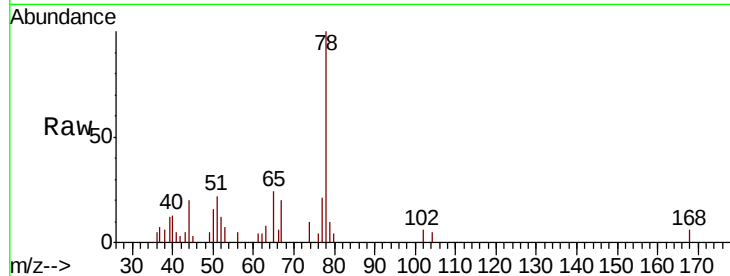
PB113446ZHE#02

Tot Ion: 78 Resp: 4345

Ion Ratio Lower Upper

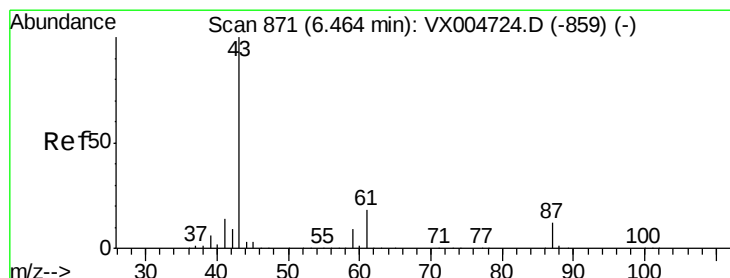
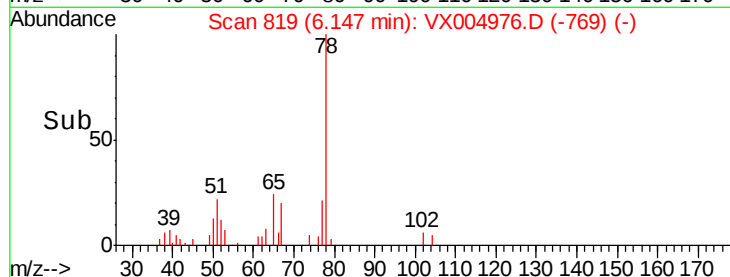
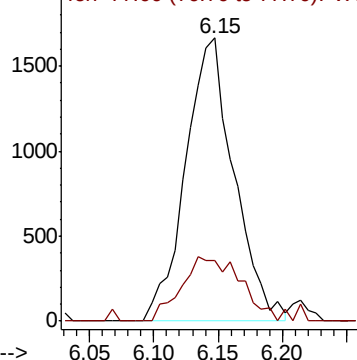
78 100

77 21.3 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: 26.487 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

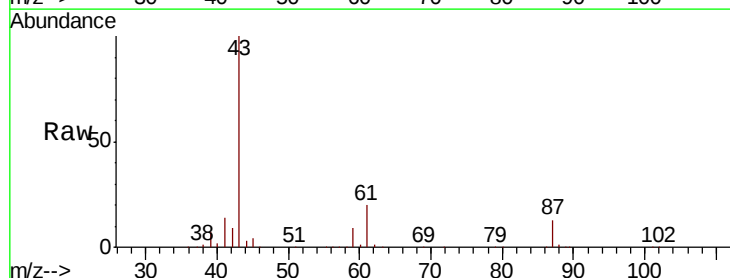
Tgt Ion: 43 Resp: 259382

Ion Ratio Lower Upper

43 100

61 20.3 14.2 21.4

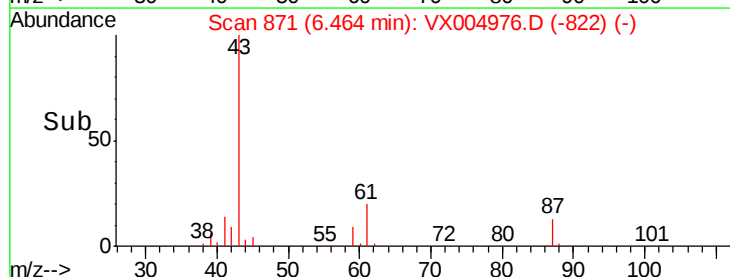
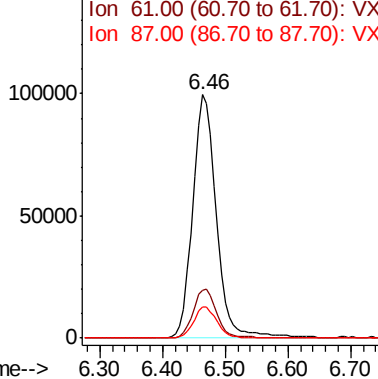
87 12.9 9.3 13.9

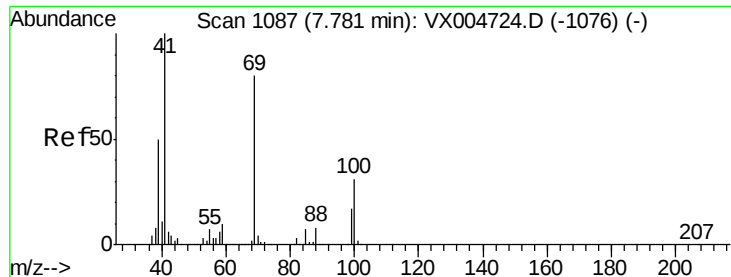


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

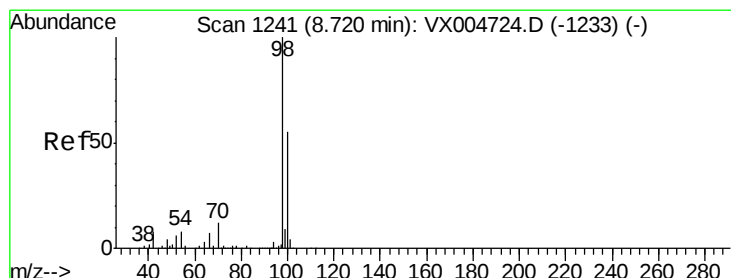
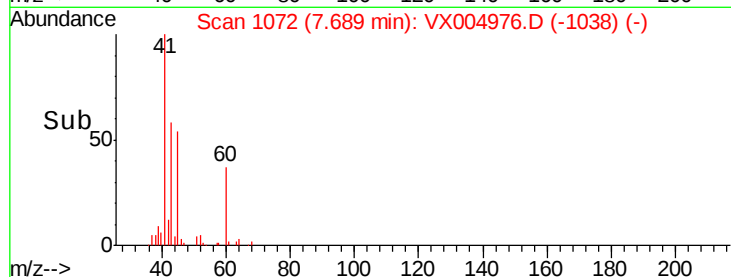
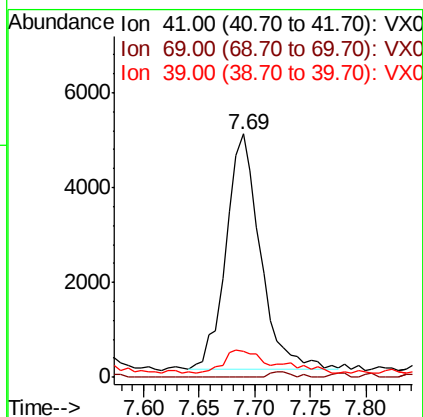
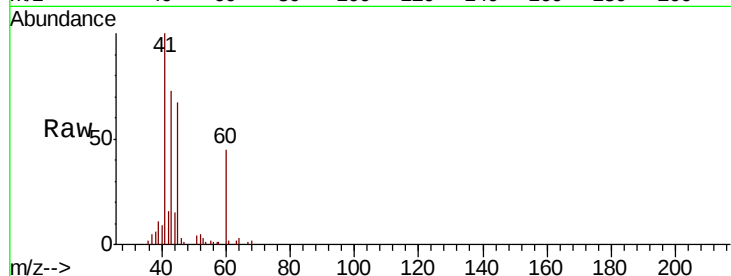




#48
Methyl methacrylate
Concen: 2.407 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

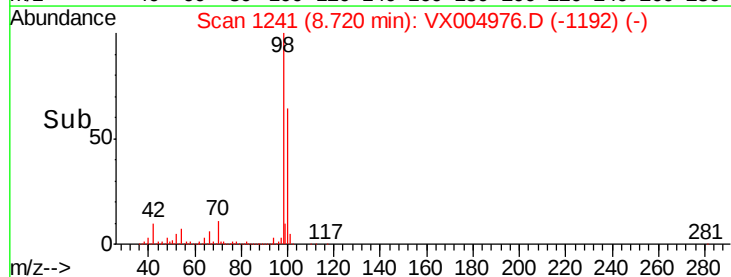
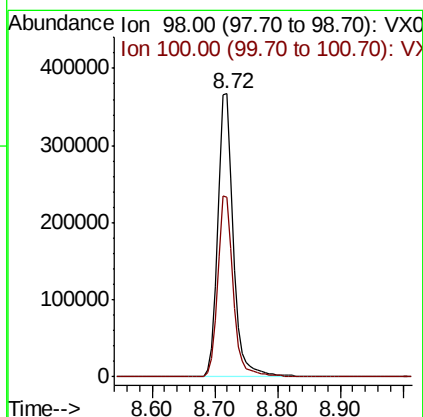
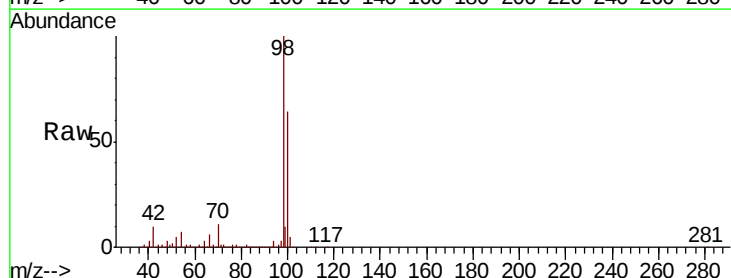
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

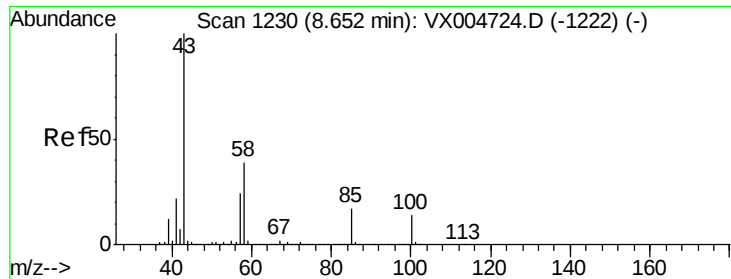
Tot Ion: 41 Resp: 10698
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 9.5 40.7 61.1#



#50
Toluene-d8
Concen: 50.649 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

Tgt Ion: 98 Resp: 630809
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 0.587 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

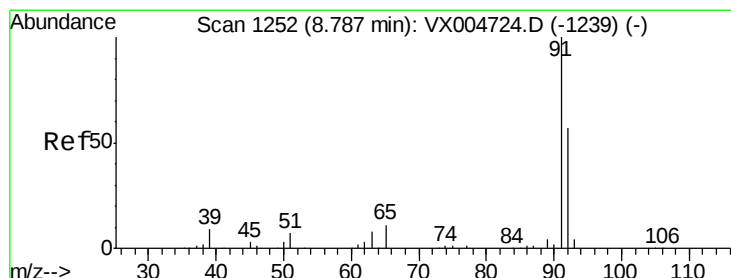
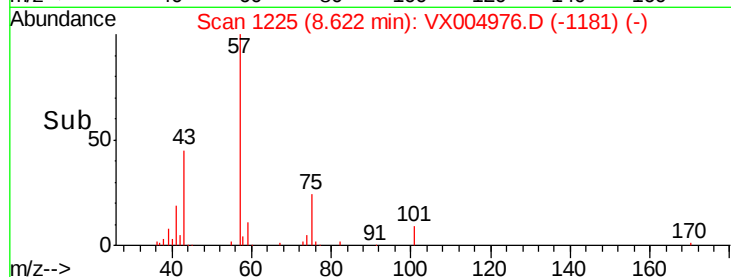
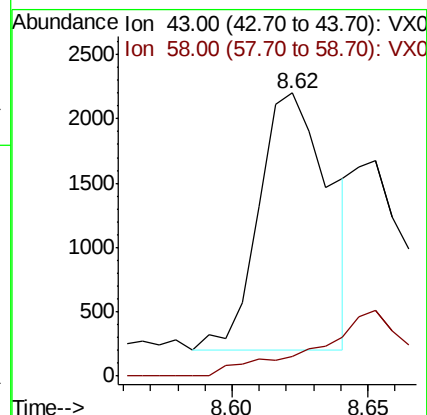
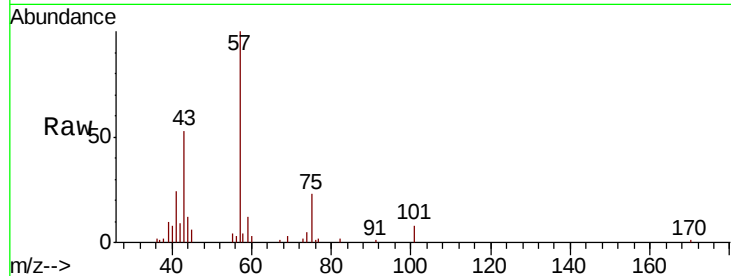
PB113446ZHE#02

Tot Ion: 43 Resp: 3621

Ion Ratio Lower Upper

43 100

58 0.0 30.5 45.7#



#52

Toluene

Concen: 2.154 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004976.D

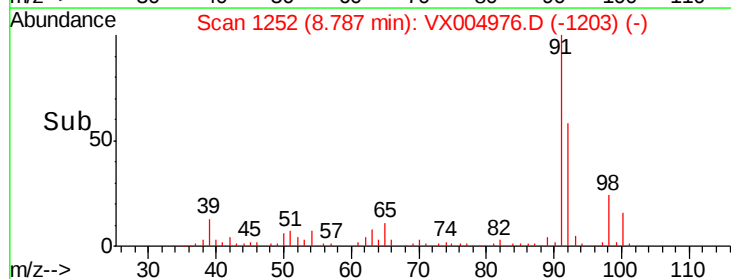
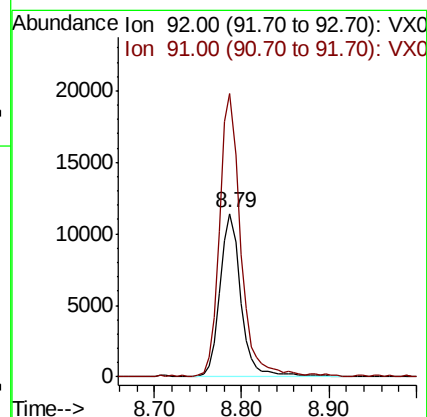
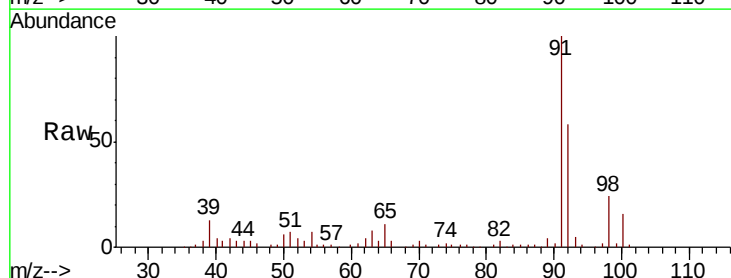
Acq: 03 Oct 2018 18:26

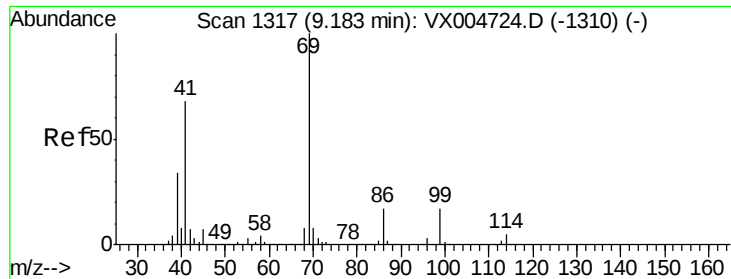
Tgt Ion: 92 Resp: 18943

Ion Ratio Lower Upper

92 100

91 173.9 136.7 205.1





#56

Ethyl methacrylate

Concen: 2.876 ug/l

RT: 9.23 min Scan# 1325

Delta R.T. 0.05 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

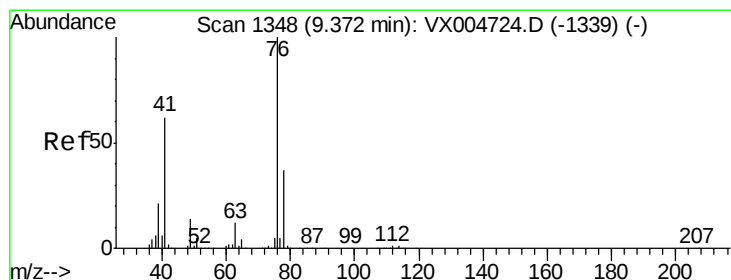
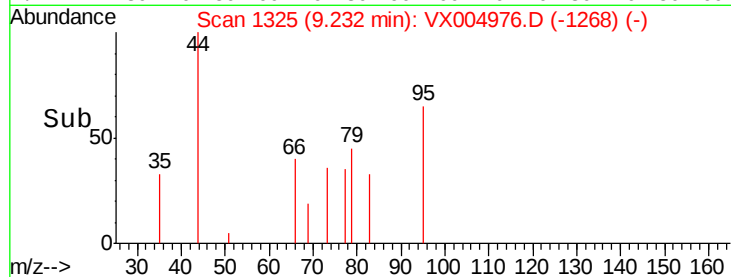
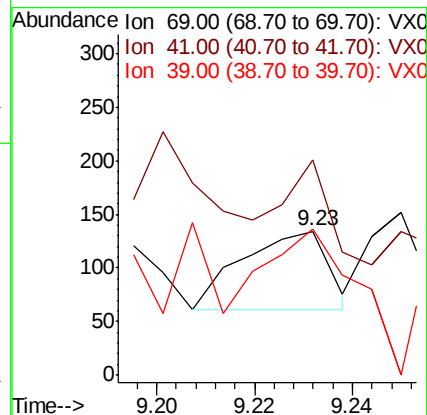
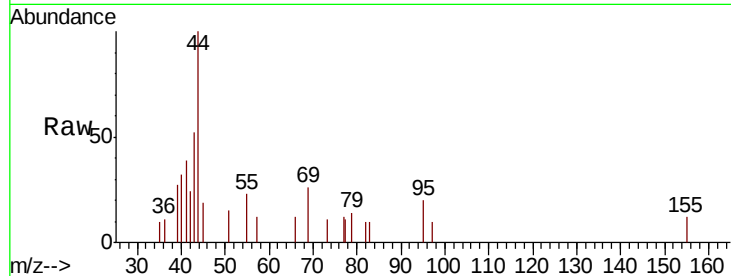
Tot Ion: 69 Resp: 90

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

39 211.1 28.4 42.6#



#57

1,3-Dichloropropane

Concen: 0.214 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX004976.D

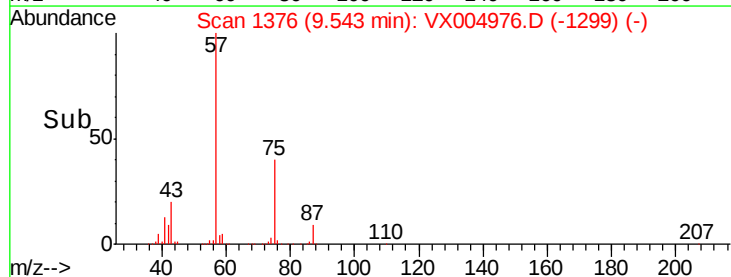
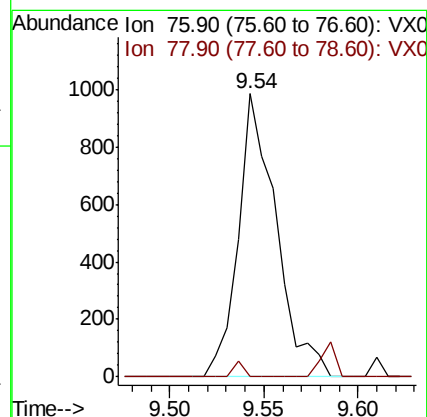
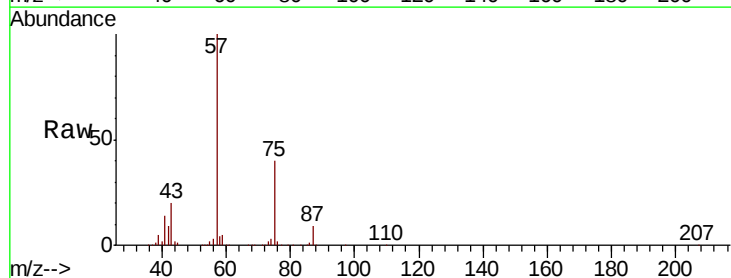
Acq: 03 Oct 2018 18:26

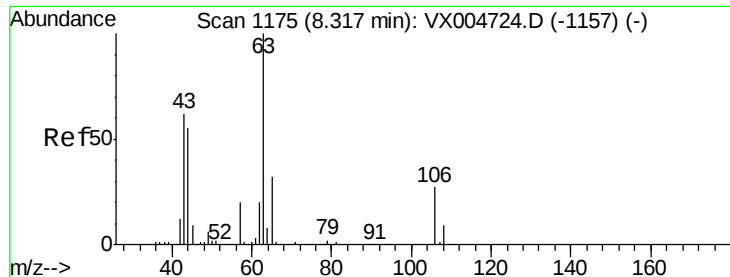
Tgt Ion: 76 Resp: 1372

Ion Ratio Lower Upper

76 100

78 1.4 26.6 40.0#

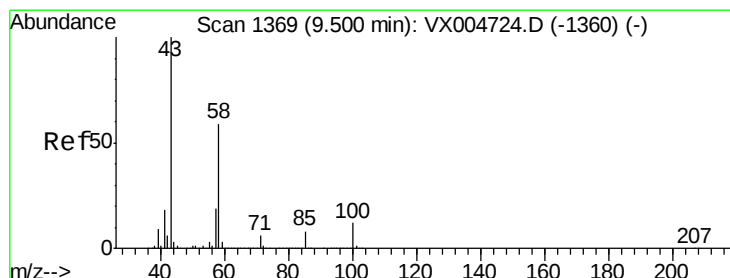
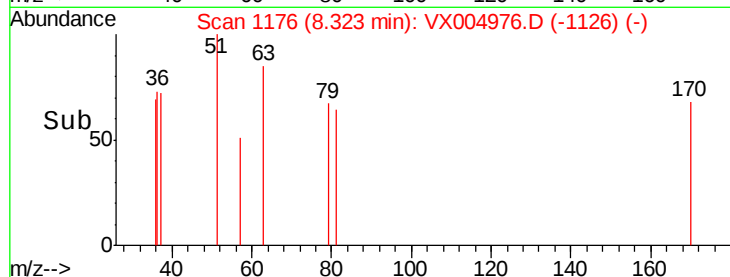
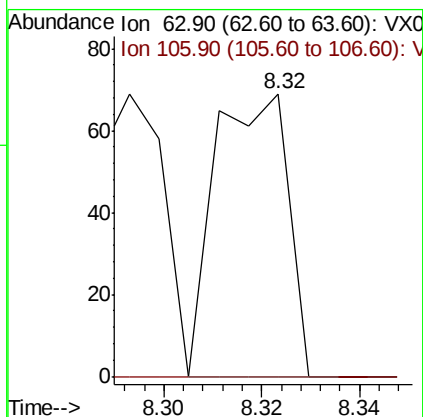
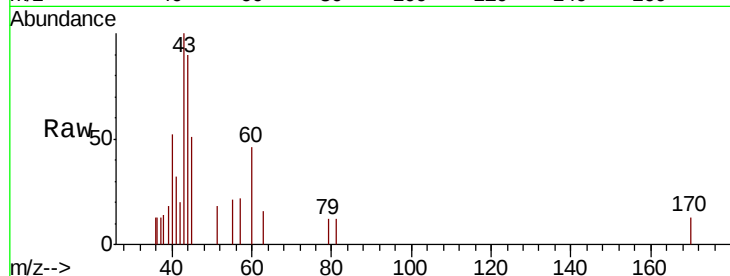




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.262 ug/l
 RT: 8.32 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

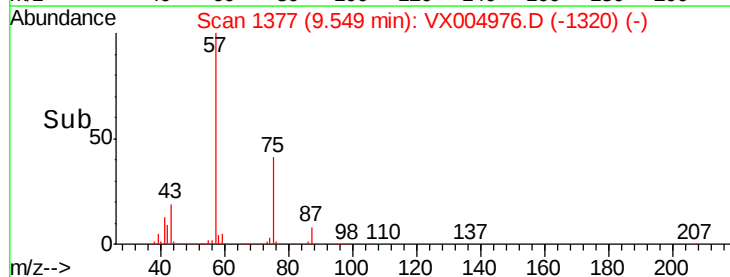
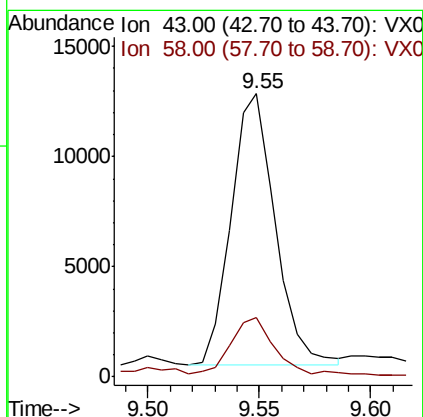
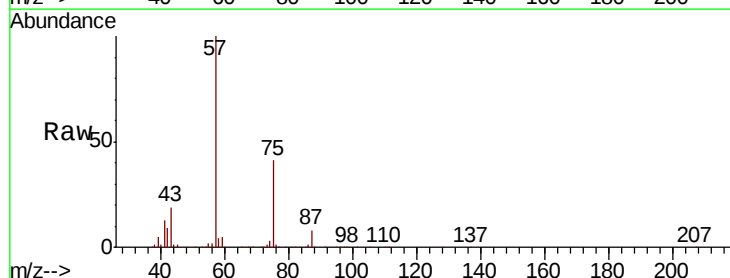
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

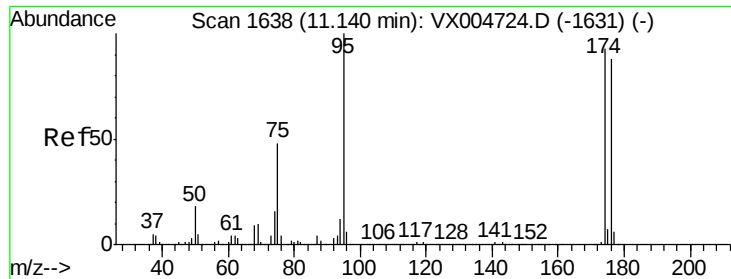
Tot Ion: 63 Resp: 71
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



#59
 2-Hexanone
 Concen: 3.312 ug/l
 RT: 9.55 min Scan# 1377
 Delta R.T. 0.05 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

Tgt Ion: 43 Resp: 17017
 Ion Ratio Lower Upper
 43 100
 58 24.0 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 54.551 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

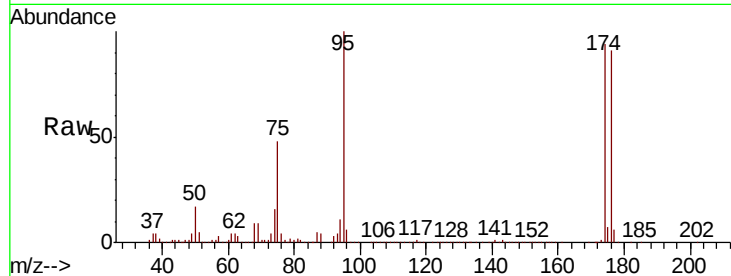
Tot Ion: 95 Resp: 244762

Ion Ratio Lower Upper

95 100

174 91.4 0.0 185.0

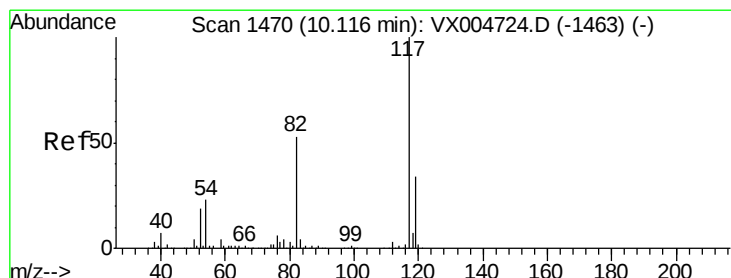
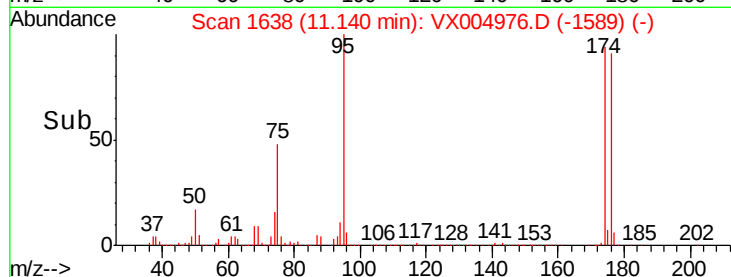
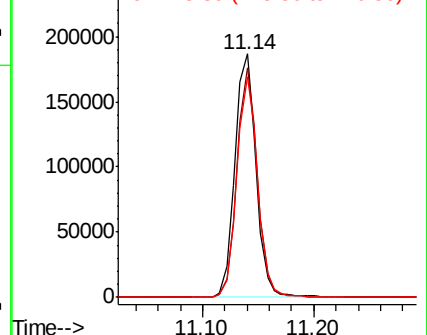
176 89.1 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX004976.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX004976.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX004976.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

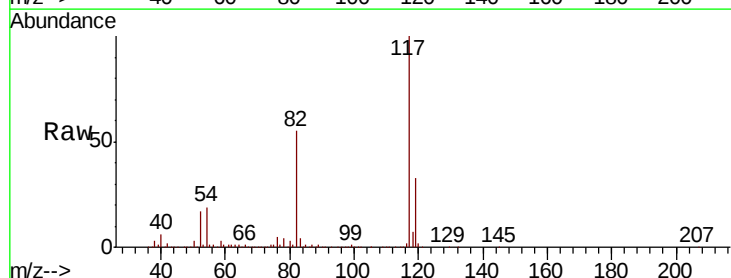
Tgt Ion: 117 Resp: 431031

Ion Ratio Lower Upper

117 100

82 54.5 42.2 63.4

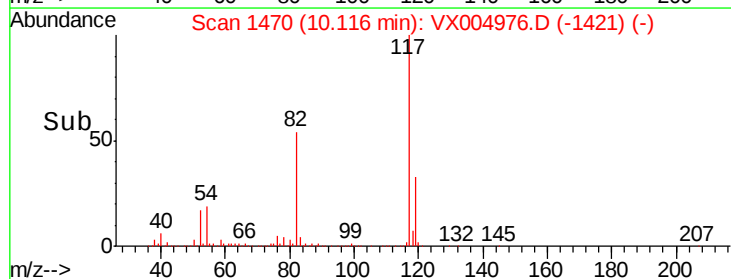
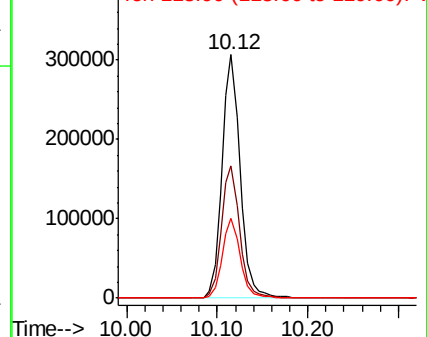
119 32.6 27.4 41.0

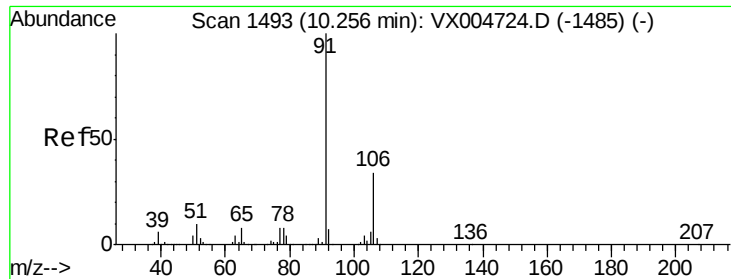


Abundance Ion 116.90 (116.60 to 117.60): VX004976.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX004976.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX004976.D (-1421) (-)

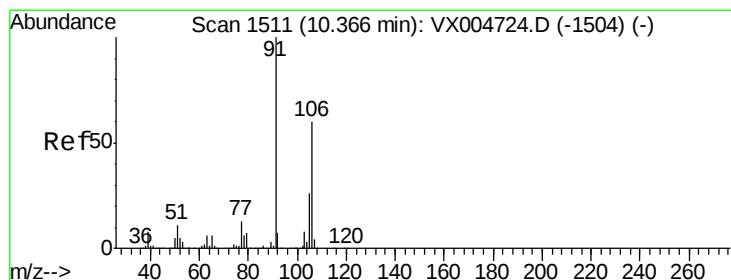
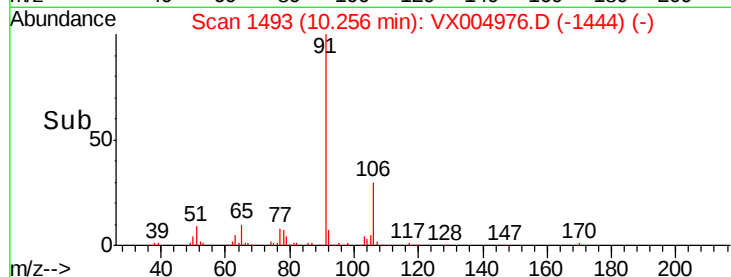
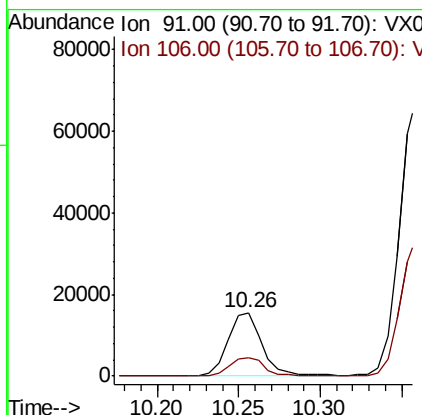
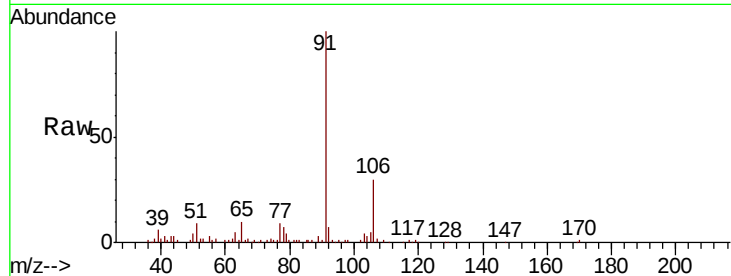




#67
Ethyl Benzene
Concen: 1.269 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

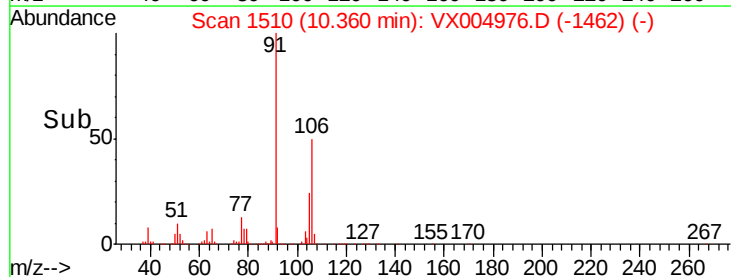
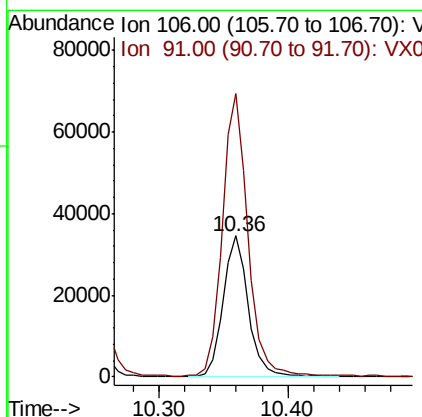
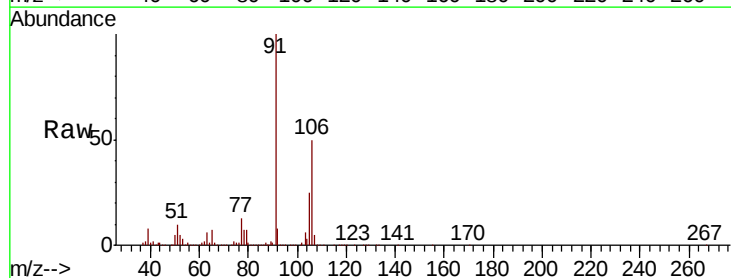
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

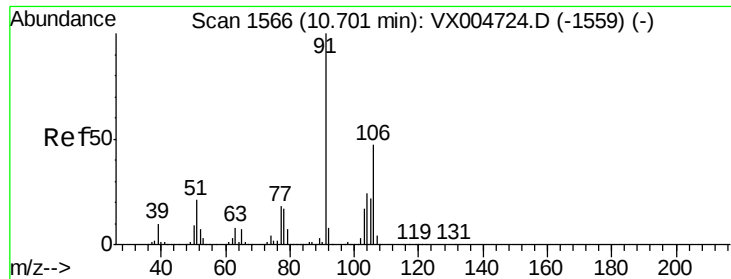
Tot Ion: 91 Resp: 22270
Ion Ratio Lower Upper
91 100
106 30.0 26.9 40.3



#68
m/p-Xylenes
Concen: 6.896 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

Tgt Ion: 106 Resp: 47286
Ion Ratio Lower Upper
106 100
91 205.5 157.5 236.3

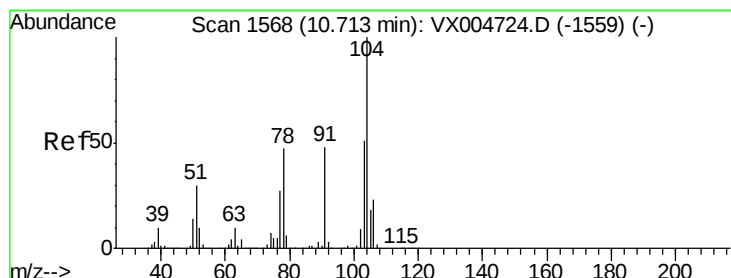
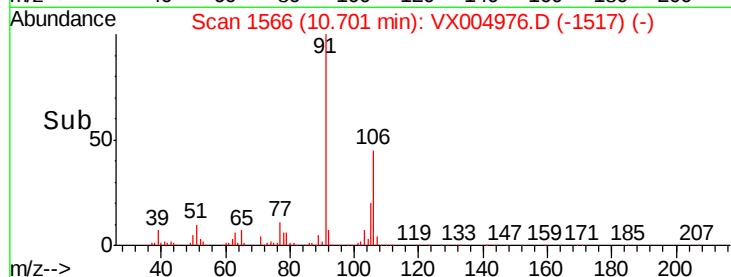
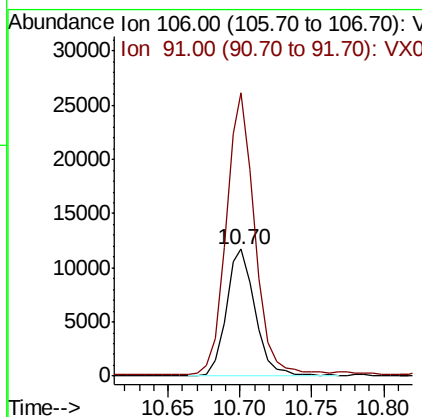
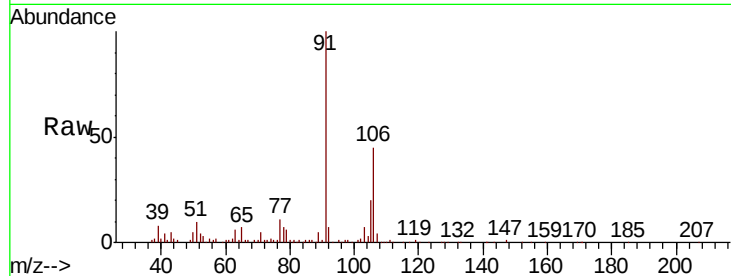




#69
o-Xylene
Concen: 2.632 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

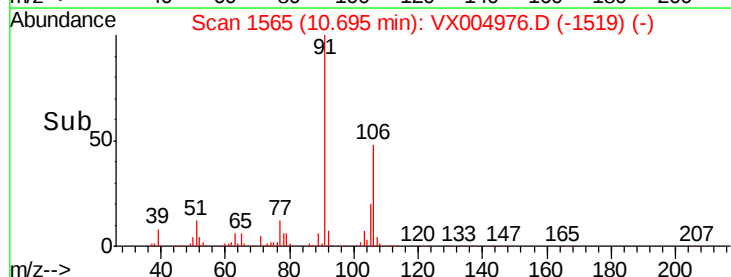
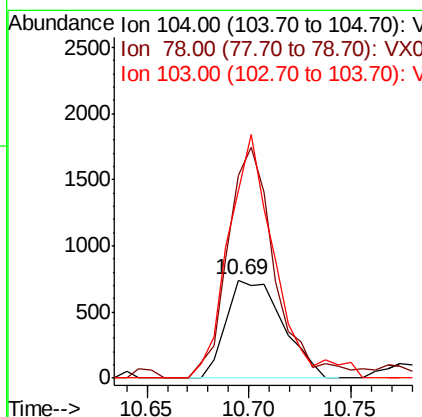
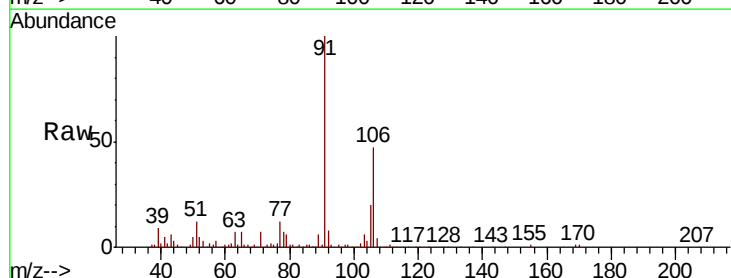
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#02

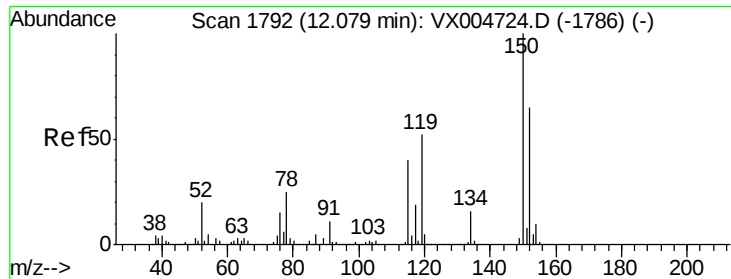
Tot Ion:106 Resp: 16574
Ion Ratio Lower Upper
106 100
91 216.8 108.3 324.8



#70
Styrene
Concen: 2.256 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX004976.D
Acq: 03 Oct 2018 18:26

Tgt Ion:104 Resp: 1423
Ion Ratio Lower Upper
104 100
78 199.9 40.0 60.0#
103 203.1 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: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

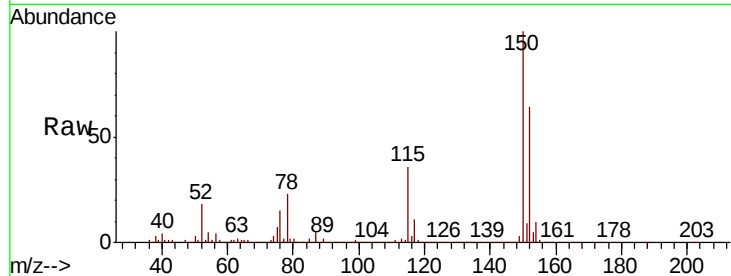
Tot Ion:152 Resp: 253781

Ion Ratio Lower Upper

152 100

115 55.0 40.2 120.6

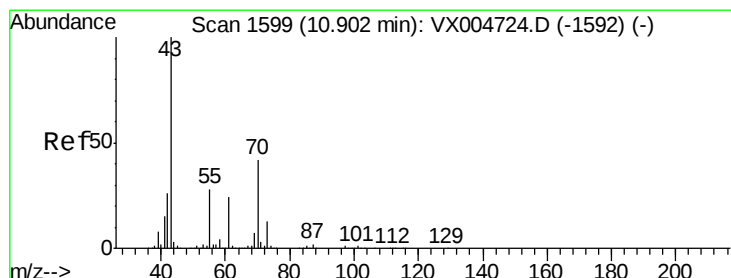
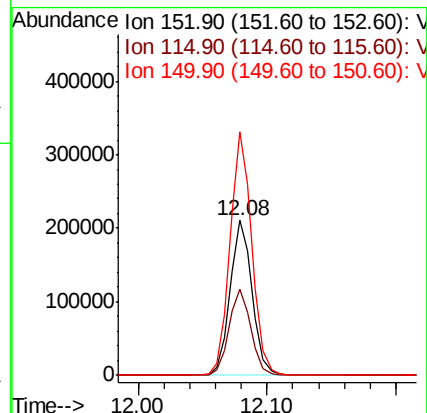
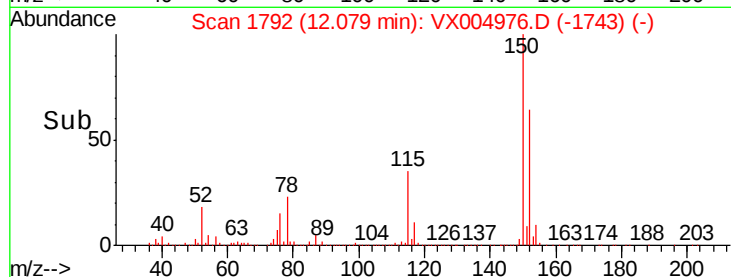
150 155.3 0.0 351.0



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-amil acetate

Concen: 1.761 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Tgt Ion: 43 Resp: 123

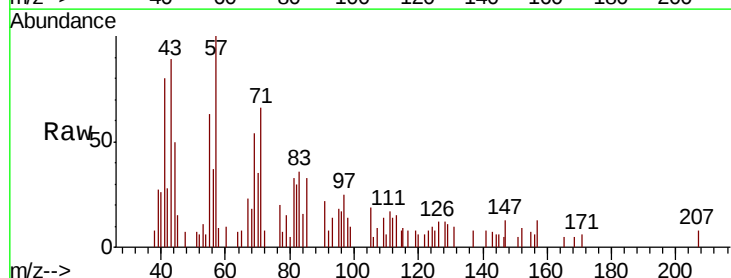
Ion Ratio Lower Upper

43 100

70 425.2 32.6 48.8#

55 522.0 21.6 32.4#

61 0.0 19.1 28.7#

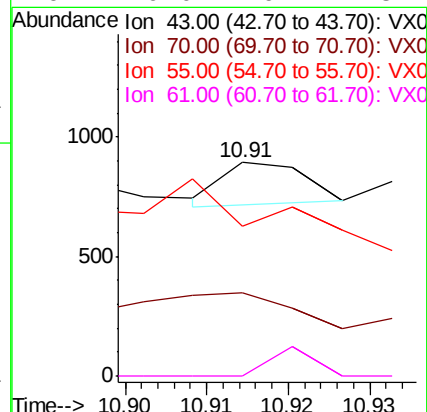
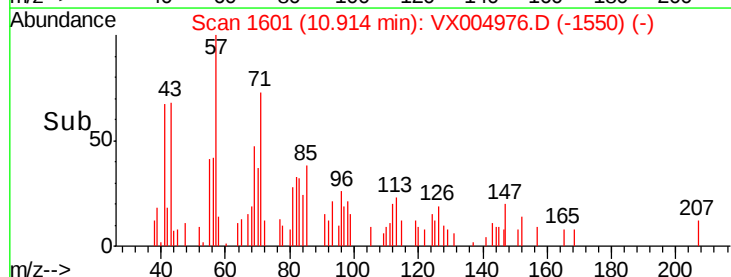


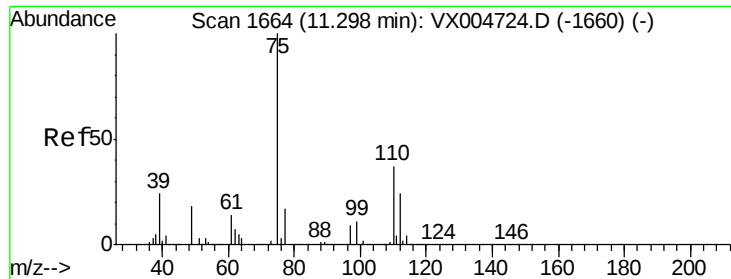
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.715 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

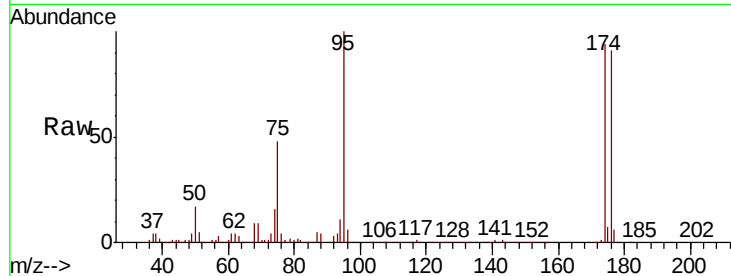
PB113446ZHE#02

Tot Ion: 75 Resp: 117828

Ion Ratio Lower Upper

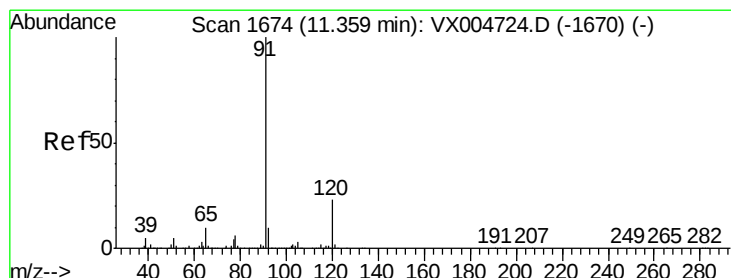
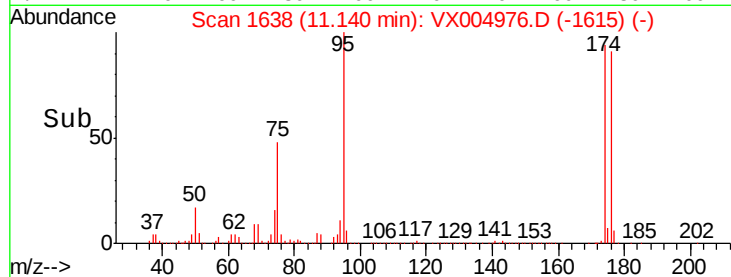
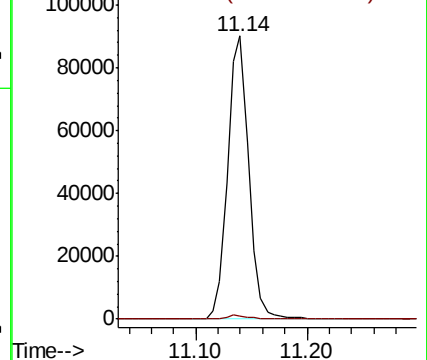
75 100

77 1.5 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: 0.829 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004976.D

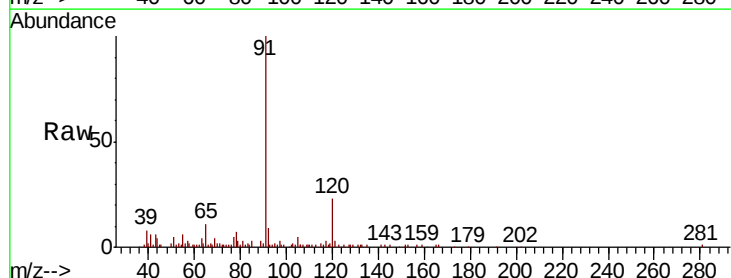
Acq: 03 Oct 2018 18:26

Tgt Ion: 91 Resp: 15218

Ion Ratio Lower Upper

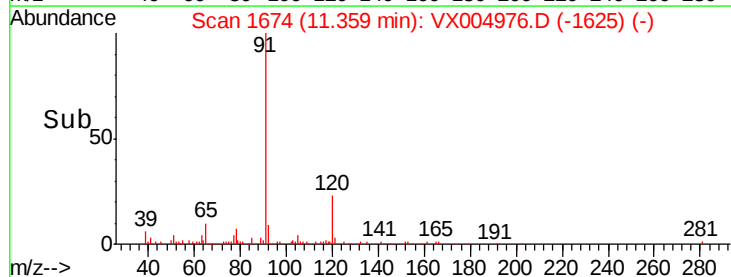
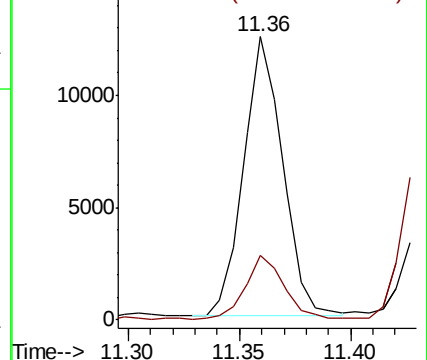
91 100

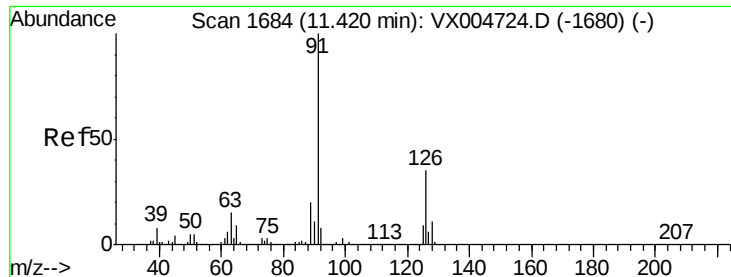
120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

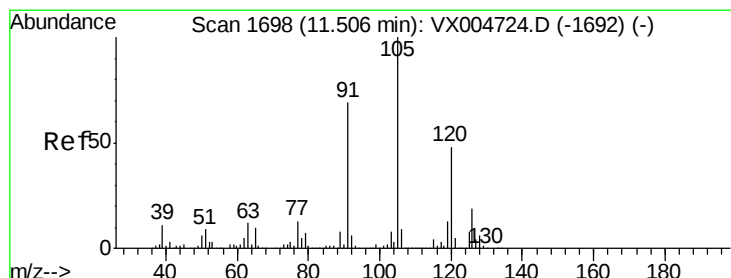
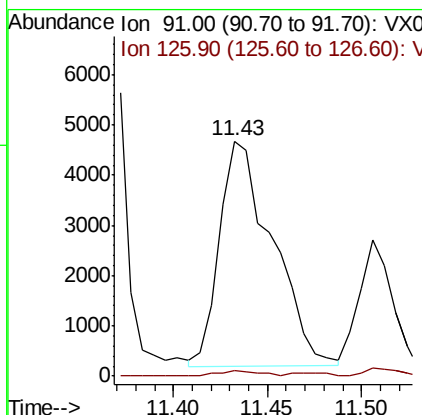
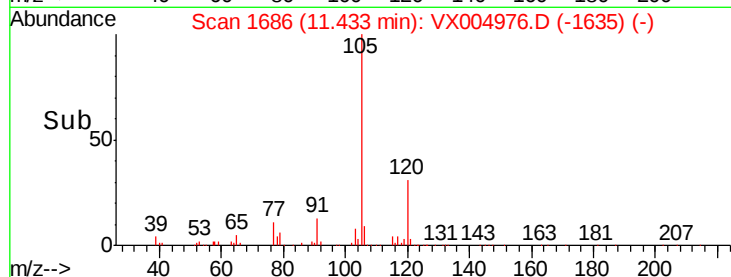
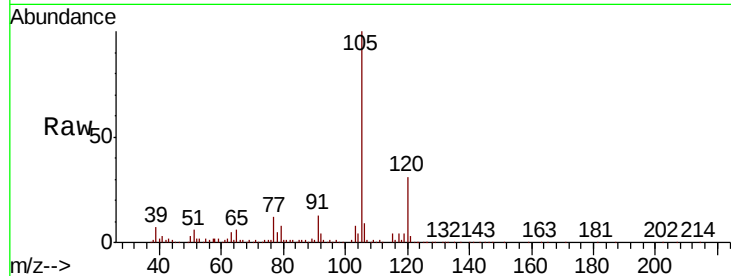




#79
 2-Chlorotoluene
 Concen: 0.765 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

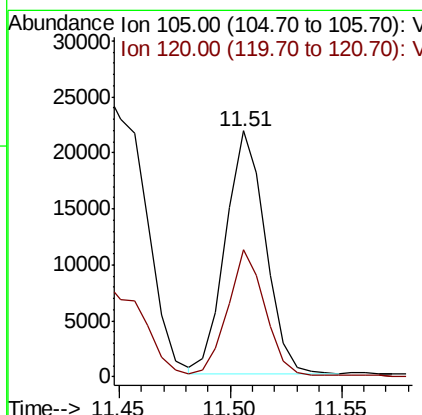
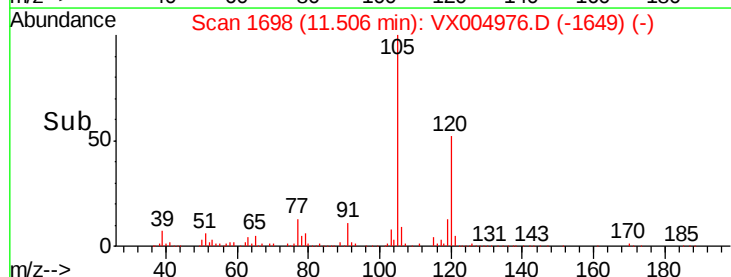
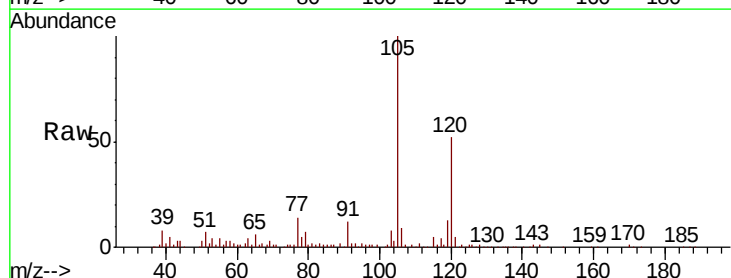
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

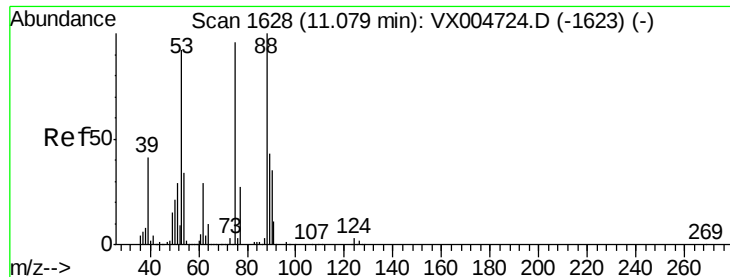
Tot Ion: 91 Resp: 8750
 Ion Ratio Lower Upper
 91 100
 126 1.8 17.6 52.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.657 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

Tgt Ion: 105 Resp: 27089
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.238 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

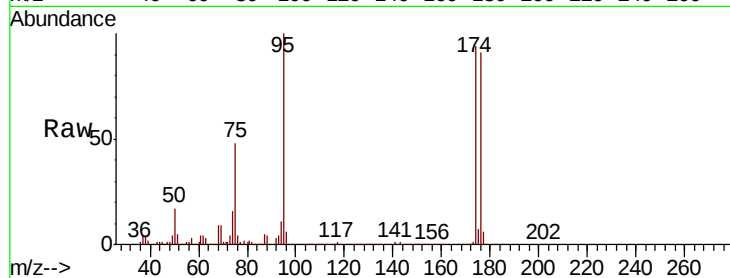
Tot Ion: 75 Resp: 117828

Ion Ratio Lower Upper

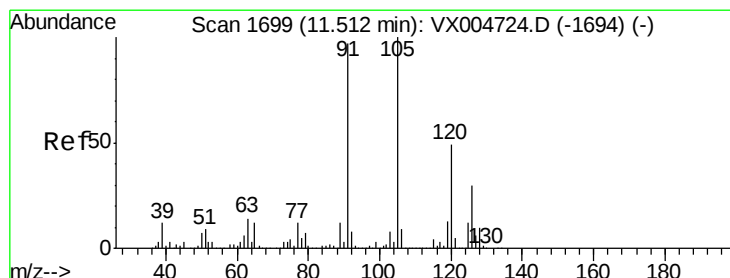
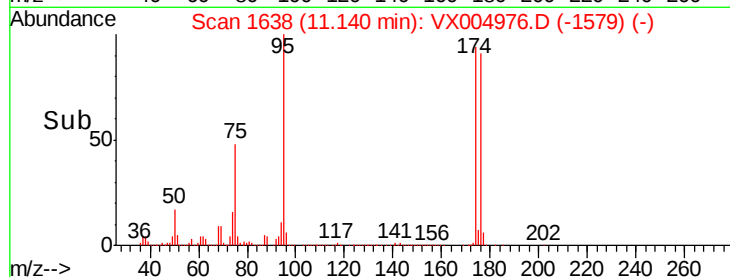
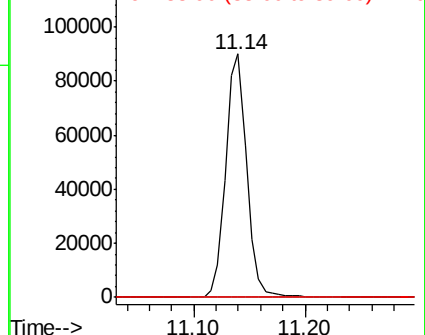
75 100

53 0.1 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



#82

4-Chlorotoluene

Concen: 0.226 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004976.D

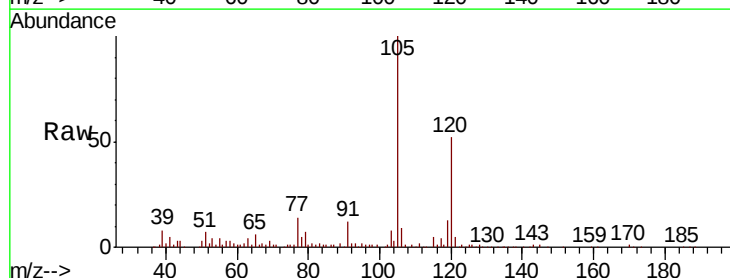
Acq: 03 Oct 2018 18:26

Tgt Ion: 91 Resp: 3049

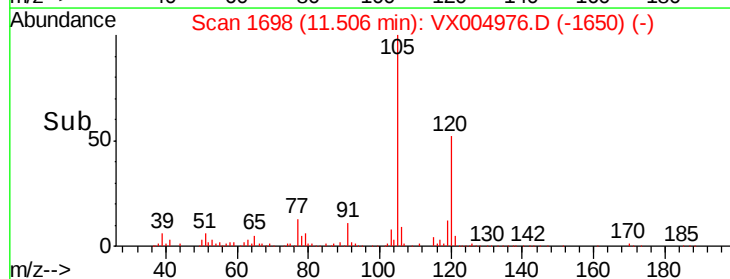
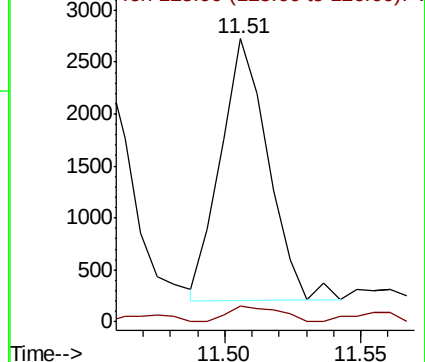
Ion Ratio Lower Upper

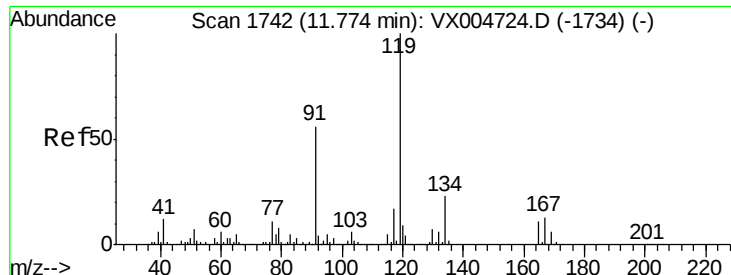
91 100

126 6.5 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

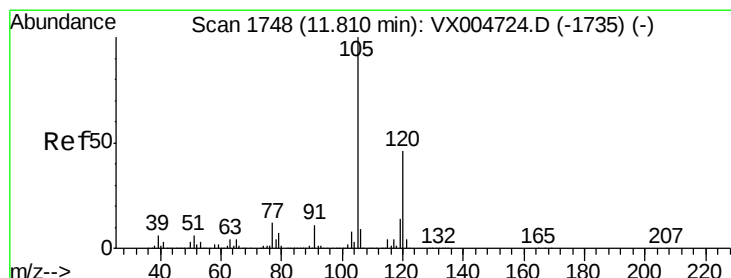
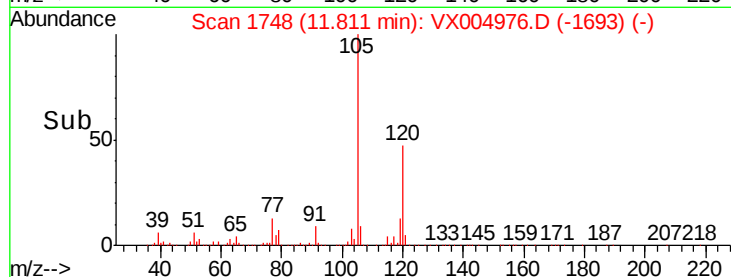
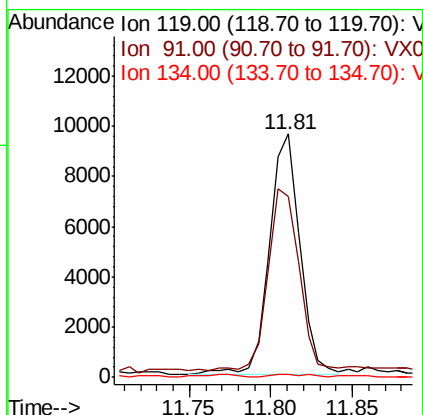
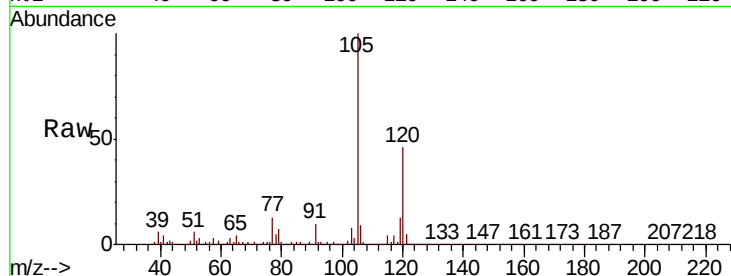




#83
 tert-Butylbenzene
 Concen: 0.939 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

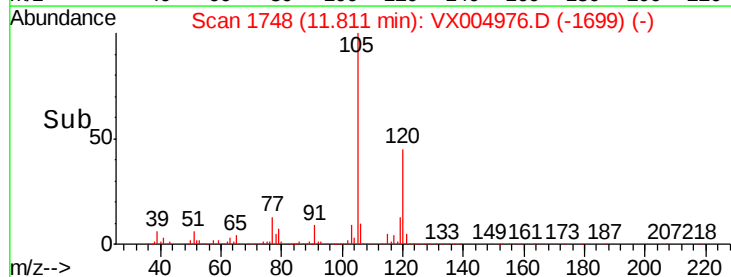
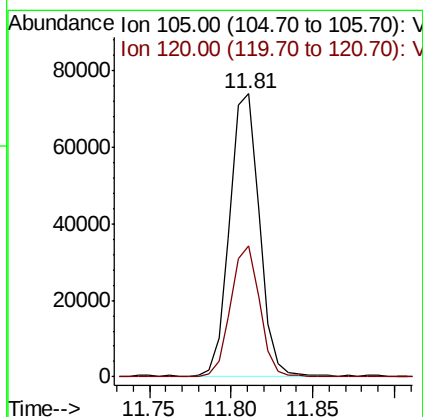
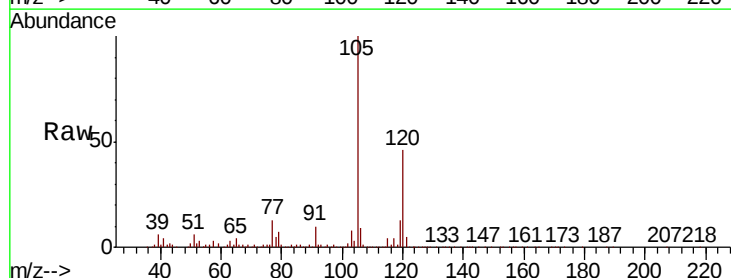
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

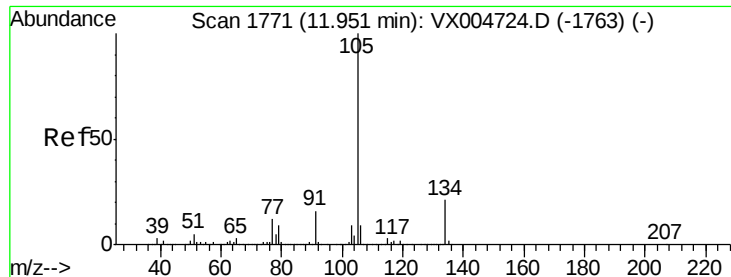
Tot Ion:119 Resp: 12371
 Ion Ratio Lower Upper
 119 100
 91 75.1 27.5 82.5
 134 1.5 11.5 34.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 5.981 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

Tgt Ion:105 Resp: 93068
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.3

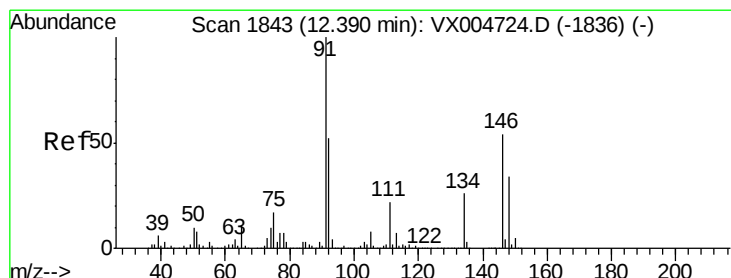
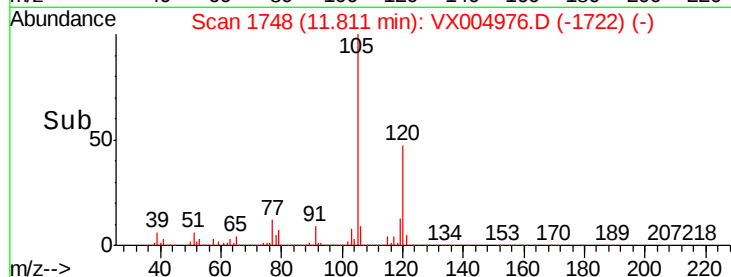
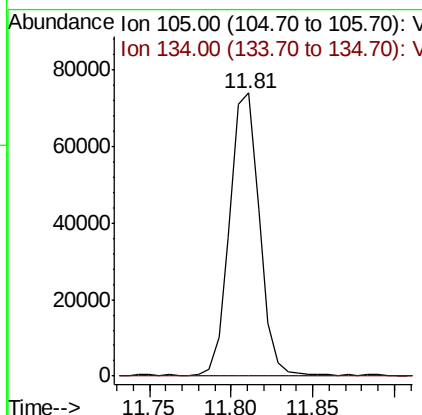
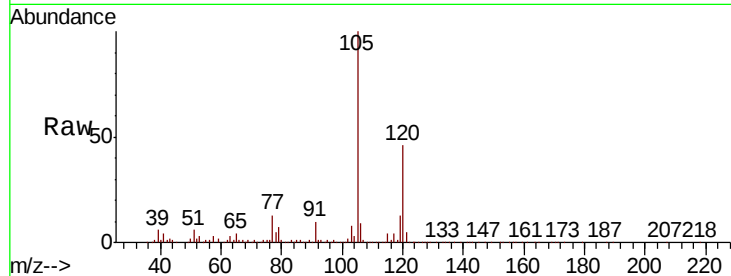




#85
 sec-Butylbenzene
 Concen: 5.802 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

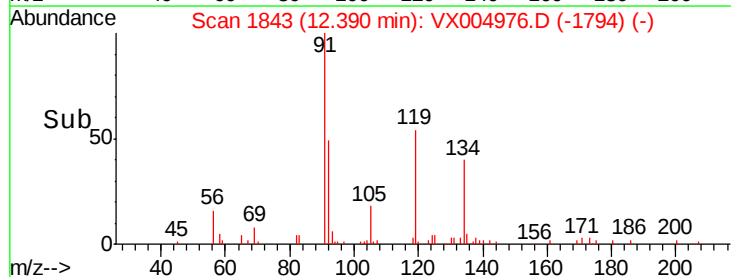
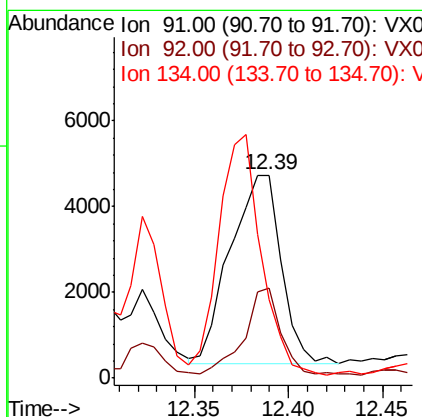
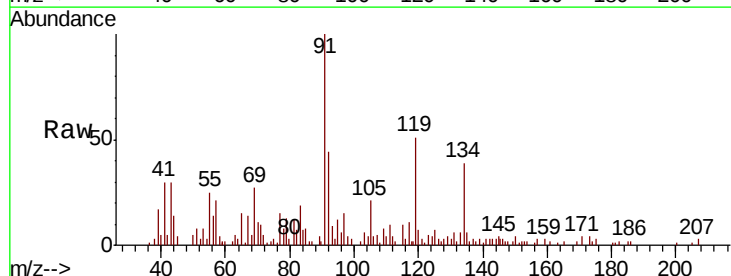
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#02

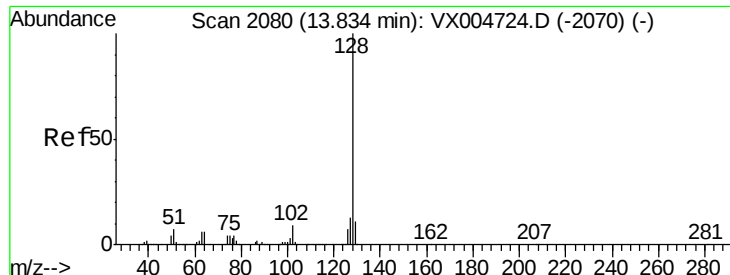
Tot Ion:105 Resp: 93068
 Ion Ratio Lower Upper
 105 100
 134 0.2 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 0.622 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004976.D
 Acq: 03 Oct 2018 18:26

Tgt Ion: 91 Resp: 8213
 Ion Ratio Lower Upper
 91 100
 92 35.0 26.0 78.0
 134 107.7 13.2 39.6#





#95

Naphthalene

Concen: 4.939 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004976.D

Acq: 03 Oct 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#02

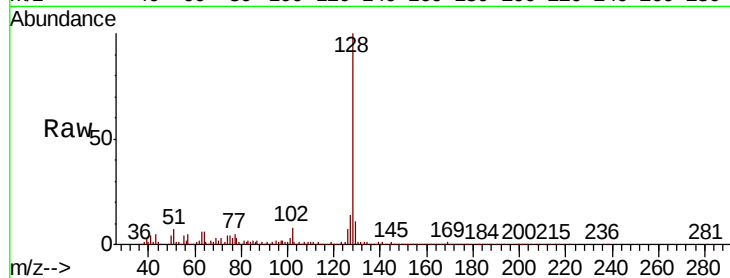
Tot Ion:128 Resp: 90364

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.9 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

